State of Wyoming

Department of Transportation

FINAL REPORT

WY-17/05F

MITIGATION STRATEGIES TO REDUCE TRUCK CRASH RATES ON WYOMING HIGHWAYS

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FORWARD

The purpose of this study was to identify the primary factors behind the high truck crash rates in Wyoming and then develop mitigation strategies to reduce these high crash rates.

A literature review was performed to determine if other studies existed and how they might be applied to this research effort. Crash data was then obtained from the Wyoming Department of Transportation (WYDOT), and citations issued by the WHP were collected. This study focused on major interstates and highways divided into three zones within Wyoming. Relevant crash and citations were compared. Correlations between truck-related crashes and different types of citations were conducted as well. The adequacy of resources allocated to the WHP was investigated by comparing the WHP to other state highway patrols surrounding Wyoming.

Based on the aforementioned steps, recommendations were provided to the WHP, Wyoming trucking industry, and WYDOT to reduce truck crash rates over time. The recommended strategies include tools, which will help the WHP in allocating their enforcement resources at locations where there are high truck crash rates. Recommendations were also provided to enhance safety by implementing specific safety improvements, concentrate enforcement efforts, expand trucks inspection programs, and develop an outreach program for the trucking industry to reduce truck crashes.

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16. Abstract:

Wyoming has one of the highest large truck crash rates in the country. This is due to a variety of reasons which include: the significant amount of through truck traffic on I-80, adverse weather conditions, and the challenging geometric conditions. The main objective of this study is to develop mitigation strategies to reduce these high truck crash rates and provide recommendations to the agencies that can help enhancing truck-related safety. These agencies includes: the Wyoming Highway Patrol (WHP), Wyoming Department of Transportation (WYDOT), and trucking industry in Wyoming.

All interstates in Wyoming (I-80, I-25 and I-90 totaling 910 miles) and three state highways (US 26, US 30 and Wy 59 totaling 337 miles) were included in this study. A variety of datasets including: crash data, traffic volumes, traffic citations, roadway geometry and enforcement data were investigated. Various statistical modeling techniques were successfully implemented to identify factors behind truck-related crashes. A crash and citation hot spot analysis were conducted to develop a strategy to shift enforcement resources. In addition, an enforcement analysis were conducted to estimate the effectiveness of highway patrol resources by comparing the highway patrol personnel, budget and percent time patrolling from seven surrounded states of Wyoming. Finally, this study provided recommendations to the three different agencies mentioned above.

The recommendations to WHP focused on where and when to provide more enforcement and which type of enforcement is more effective in reducing truck-related crashes. The recommendations to WYDOT included safety countermeasures to help reduce truck-related crashes. The recommendations to the trucking industry concentrated on information that should be included in the safety training to educate truck drivers in reducing truck-related crashes.

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SI* (MODERN METRIC) CONVERSION FACTORS

Symbol	When You Know	Multiply By	To Find	Symbol
		LENGTH		
in	inches	25.4	millimeters	mm
t	feet	0.305	meters	m
yd	yards	0.914	meters	m
mi	miles	1.61	kilometers	km
		AREA		
in^2	square inches	645.2	square millimeters	mm^2
t^2	square feet	0.093	square meters	m^2
yd^2	square yard	0.836	square meters	m^2
ac	acres	0.405	hectares	ha
mi^2	square miles	2.59	square kilometers	km^2
		VOLUME		
1 oz	fluid ounces	29.57	milliliters	mL
gal	gallons	3.785	liters	L
t^3	cubic feet	0.028	cubic meters	m^3
yd^3	cubic yards	0.765	cubic meters	m^3
	NOTE: volumes greater than 1000 L shall be shown in m^3			
		MASS		
oz	ounces	28.35	grams	g
lb	pounds	0.454	kilograms	kg
T	short tons (2000 lb)	0.907	megagrams (or "metric ton")	Mg (or 't')
		TEMPERATURE (exact degrees)		
°F	Fahrenheit	5 (F-32)/9 or (F-32)/1.8	Celsius	°C
		ILLUMINATION		
fc	foot-candles	10.76	lux	lx
1	foot-Lamberts	3.426	candela/m^2	cd/m^2
		FORCE and PRESSURE or STRESS		
lbf	pound force	4.45	newtons	N
lbf/in^2	pound force per square inch	6.89	kilopascals	kPa

Symbol	When You Know	Multiply By	To Find	Symbol
		LENGTH		
mm	millimeters	0.039	inches	in
m	meters	3.28	feet	**t**
m	meters	1.09	yards	yd
km	kilometers	0.621	miles	mi
		AREA		
mm^2	square millimeters	0.0016	square inches	in^2
m^2	square meters	10.764	square feet	t^2
m^2	square meters	1.195	square yards	yd^2
ha	hectares	2.47	acres	ac
km^2	square kilometers	0.386	square miles	mi^2
		VOLUME		
mL	milliliters	0.034	fluid ounces	**1** oz
L	liters	0.264	gallons	gal
m^3	cubic meters	35.314	cubic feet	t^3
m^3	cubic meters	1.307	cubic yards	yd^3
		MASS		
g	grams	0.035	ounces	oz
kg	kilograms	2.202	pounds	lb
Mg (or 't')	megagrams (or "metric ton")	1.103	short tons (2000 lb)	T
		TEMPERATURE (exact degrees)		
°C	Celsius	1.8C+32	Fahrenheit	°F
		ILLUMINATION		
lx	lux	0.0929	foot-candles	fc
cd/m^2	candela/m^2	0.2919	foot-Lamberts	**1**
		FORCE and PRESSURE or STRESS		
N	newtons	0.225	poundforce	lbf
kPa	kilopascals	0.145	poundforce per square inch	lbf/in^2

*SI is the symbol for the International System of Units. Appropriate roundings should be made to comply with Section 4 of ASTM E380.

(Revised March 2003)

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF EQUATIONS

CHAPTER 1. INTRODUCTION

BACKGROUND

Trucking is a key in the global economy, as businesses all over the world depend on the trucking industry to deliver their goods in a safe and timely manner. It is estimated that 15.5 million commercial trucks operate in the U.S., moving more cargo than any other form of transportation. In 2015, U.S. trucking companies generated $700 billion in revenue, and in 2014 trucks moved 9.96 billion tons (68.8 percent) of all domestic freight (NHTSA, 2013). In 2013, commercial trucks traveled 1,568,161 million miles compared to the 1,384,628 million miles of travel for passenger cars (NHTSA, 2015). However, far too little attention has been paid to the downside of this industry. The economic cost of the crashes in 2010 alone totaled $871 billion. These costs include productivity loss, medical costs, insurance costs, emergency service costs (EMS), workplace losses and quality of life valuation (Blincoe, Miller, Zaloshnja, & Lawrence, 2014).

In 2013, there were 3,964 people killed and an estimated 95,000 people injured in crashes involving trucks; seventy-one percent of the individuals killed in truck crashes were occupants of the other vehicles. Although the rate of truck-involved crashes has been consistently dropping since 2001, the rate of truck-involved crashes (1.34 truck-involved crashes per 100 million vehicle miles traveled) is still higher than crash rates not involving a truck (1.28 crashes per 100 million vehicle miles traveled) (NHTSA, 2014). Wyoming is one of the most rural states in the U.S., and it has one of the highest truck crash rates in the country (Weber & Murray, 2014). In 2013, Wyoming had the second highest percentage (23.6 percent) of trucks involved in a fatal crash in the U.S., while the national average was 8.7 percent (NHTSA, 2013).

This study is focused on identifying mitigation strategies to reduce truck crashes in Wyoming. It is important to note the definition of a truck. This study is focused on analyzing trucks or large commercial vehicles that are responsible for transporting freight only; commonly referred to as semi-trailers, tractor-trailers, transport trucks, big rigs, or eighteen-wheelers. These trucks are responsible for moving goods weighing from under 10,000 pounds to up to 80,000 pounds spread over 18 conventional wheels. Three interstates with a total of 910 miles, and three highways with a total of 337 miles were included in this study. The routes selected were Interstate 80 (I-80), Interstate 25 (I-25), Interstate 90 (I-90), U.S. Highway 26 (US-26), U.S. Highway 30 (US-30), and Wyoming Highway 59 (WY-59). These routes were selected because they have relatively higher amounts of truck travel and truck related crashes within the state of Wyoming. These roads were divided into three zones based on the functional classification of roadways. I-80 was given a separate zone, as this segment transports more than 50 percent of the truck traffic in Wyoming, compared to 20 percent of the other two interstates combined (I-25 and I-90). Zone one includes Interstate 80, zone two includes Interstates 25 and 90, and zone three includes the three state highways, WY 59, US 30, and US 26. Figure 1 presents a map of Wyoming and the selected routes for this study. This figure also presents the average elevation of each route.

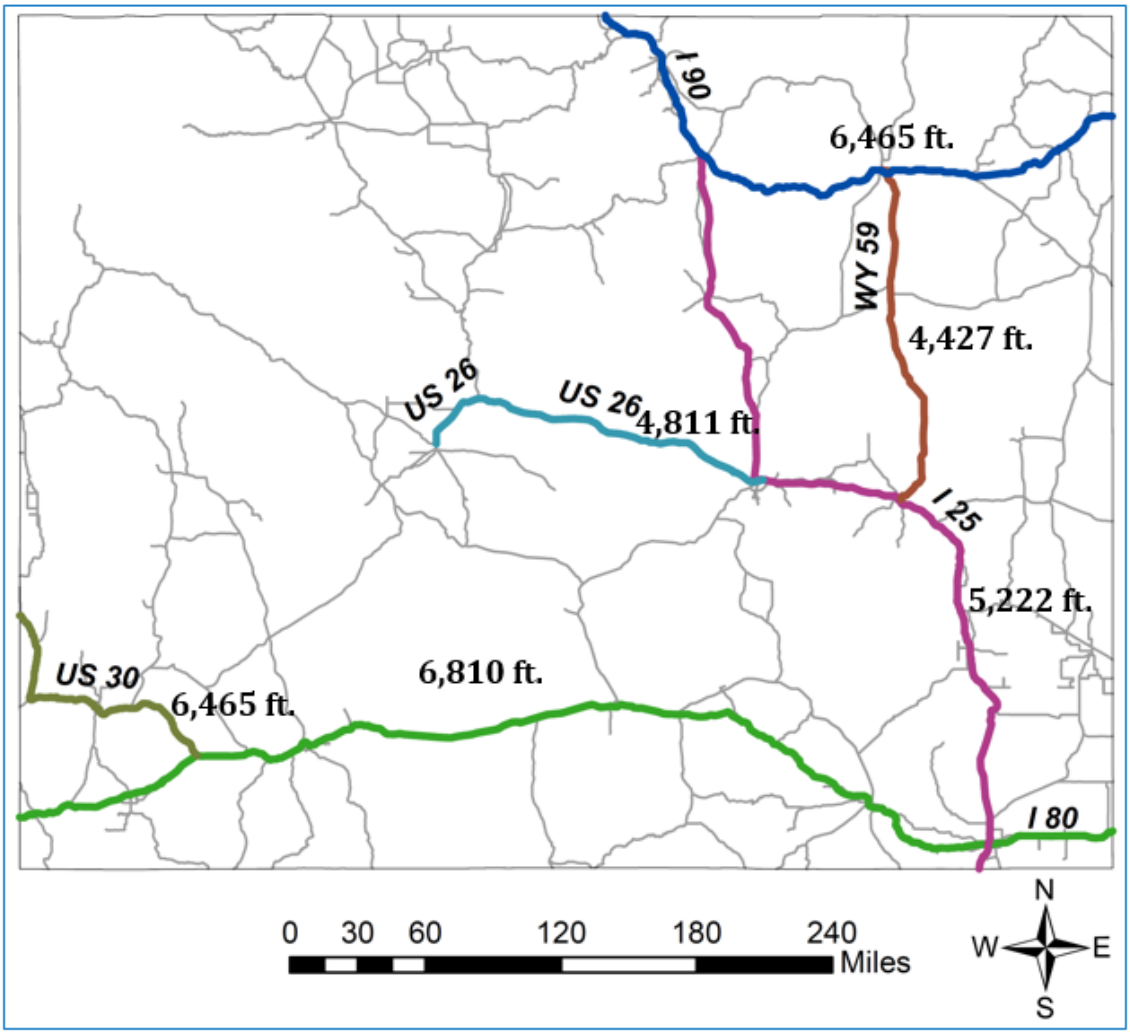


Figure 1. Study Zones with Average Elevations of Each Route

The number of truck crashes in Wyoming can be due to a variety of reasons such as the significant amount of truck traffic, adverse weather conditions, and the increased oil and gas production activities in the state. On I-80, crashes occur in the winter at three times the rate in the summer, and the crash variations in the winter are much higher than in the summer (Young, Sabawat, Saha, & Sui, 2013). There are also other factors contributing to the truck crashes in Wyoming, such as driver and vehicle related factors. Speeding and alcohol impairment are some of the driver related factors. In 2013, 29 percent of 32,719 traffic fatalities in the US were speeding-related crashes, and 72 percent of the speeding related crashes resulting in fatal injuries were related to driving under the influence (NHTSA, 2015). Wyoming is one of the three states with the highest percentage of traffic fatalities related to speeding (NHTSA, 2015). Based on workload and observation, resources may or may not be addressing all the factors involved in large truck crashes; therefore, this study is set forward to identify the possible preventing and contributing factors to the high truck crash rate in Wyoming.

PROBLEM STATEMENT

Evaluation and development of the countermeasures preventing truck related crashes is necessary for the improvement of truck crash safety. One of the FHWA's missions is to reduce highway fatalities by implementing the countermeasures organized into the 4 E's of safety: engineering, enforcement, education and emergency. Studies have shown that there are differences among states in enforcement and inspection efforts. Based on Table 1, Wyoming has the highest truck related crash rate in the states. In addition, Wyoming is in the bottom ten states with the lowest budget contributions to enforcement (see Table 2).

Table 1. Large Truck Crashes per MVMT, (Weber & Murray, 2014)

Crash Rates		
Top 10		
Rank	**State**	**Crashes/ MVMT**
1	Wyoming	0.52
2	New Jersey	0.48
3	Kansas	0.41
4	Colorado	0.40
5	Virginia	0.39
6	Montana	0.37
7	Kentucky	0.35
8	Minnesota	0.34
9	Iowa	0.32
10	Michigan	0.31
NATIONAL AVERAGE		**0.26**
Bottom 10		
39	Washington	0.20
40	South Dakota	0.19
41	Georgia	0.19
42	Oregon	0.18
43	Idaho	0.16
44	Pennsylvania	0.16
45	Mississippi	0.14
46	Florida	0.12
47	Utah	0.11
48	New Mexico	0.08

Table 2. State Enforcement Contributions – States Contributing Less Than Median Average (0.07 cents), (Weber & Murray, 2014)

	State	State /Federal Fund Ratio	Additional RIs	Additional TEs
1	Kentucky	$0.66	15,876	2,850
2	Oklahoma	$0.63	17,201	3,088
3	Georgia	$0.62	31,031	5,571
4	Minnesota	$0.61	19,093	3,428
5	Texas	$0.57	128,226	23,021
6	Arkansas	$0.52	12,302	2,209
7	Arizona	$0.52	37,805	6,787
8	Indiana	$0.50	25,326	4,547
9	Illinois	$0.49	34,157	6,132
10	Iowa	$0.46	13,528	2,429
11	North Carolina	$0.45	25,192	4,523
12	New Hampshire	$0.42	4,267	766
13	Kansas	$0.39	15,523	2,787
14	Colorado	$0.37	16,304	2,927
15	Wyoming	$0.33	4,371	785
16	Nebraska	$0.29	11,324	2,033
17	Wisconsin	$0.26	18,187	3,265
18	Alabama	$0.25	21,004	3,771
19	Rhode Island	$0.23	4,181	751
20	Delaware	$0.21	3,486	626
21	Montana	$0.21	9,234	1,658
22	Vermont	$0.20	3,830	688
23	New Mexico	$0.18	13,359	2,398
24	North Dakota	$0.17	8,218	1,475

According to the forecast provided by the American Trucking Association (ATA), overall freight tonnage will grow 35 percent between 2016 and 2027. Therefore, if not enough attention is given to the trucking industry in Wyoming, the aforementioned factors would contribute to a higher truck crash rate in Wyoming. Many researchers are investigating the engineering and education aspects of the trucking industry in the 4 E's of safety, but limited attention has been given to the enforcement aspect of safety. The low attention on enforcement in Wyoming can be due to many reasons, such as the state' priorities and resources available. However, recommendations can be given to optimize enforcement efforts to reduce truck crash rates in the most efficient way. Such ways may include increasing the enforcement in the truck crash prone areas, or identifying effective enforcement effort in reducing truck crashes. Apart from the enforcement aspect of safety, education and engineering will also be considered in this report to increase truck safety in an efficient way.

RESEARCH OBJECTIVES

The main objective of this study is to identify the primary factors behind the high truck crash rates in Wyoming and then develop mitigation strategies to reduce these high crash rates. The following tasks will ensure the objectives are fulfilled:

- Perform a comprehensive literature review to identify research studies related to the causes of truck crashes and the correlations between enforcement strategies and truck crashes.

- Collect statewide crash and citation data and perform analysis on the zones under this study.
- Review Wyoming Highway Patrol (WHP) policies and strategies for enforcement.
- Compare relevant crash data and citations issued.
- Develop GIS maps showing crash hot spots.
- Review and compare WHP resources with the state patrols in states surrounding Wyoming.
- Review Red Flag Violations and Crash Predictor Violations.
- Develop recommendations to reduce truck related crashes in the state.

REPORT ORGANIZATION

There are nine chapters in this report. Chapter 2 contains the literature review offering a description of the different organizations active in contributing to truck safety in Wyoming, a description of the different countermeasure and contributing factors to truck related crashes, and a description of the statistical modeling used in this study. Chapter 3 presents the methodology and discusses the different methods used to fulfill the objectives of this study. Data collection is presented in Chapter 4, detailing the different data used in this study. Chapter 5 describes the descriptive analysis of the crashes and enforcement of the routes under this study. Chapter 6 describes the statistical analysis performed to identify contributing factors to truck related crashes, and the correlation between citations issued and truck crashes. Chapter 7 presents GIS maps of study hot spots, crash types and causes, and types of citations. In Chapter 8, enforcement in Wyoming was compared with the states surrounding Wyoming. Recommendations are given in Chapter 9 to the different organizations involved in the responsibilities of enhancing truck safety within Wyoming.

CHAPTER 2. LITERATURE REVIEW

INTRODUCTION

This chapter summarizes methodologies and practices used to evaluate factors contributing to truck related crashes. It begins with a discussion about the organizations in charge of improving truck safety in the state. It then discusses the impacts of different factors contributing and preventing truck related crashes. The next section of this chapter explored different modeling methods used to investigate the relation of truck related crashes and factors contributing and preventing impacts.

WYOMING HIGHWAY PATROL STRATEGIC PLAN

Strategic planning lays the foundation to help the Wyoming Highway Patrol (WHP) to achieve their mission. This plan integrates employees into the planning process by highlighting what is important to achieve. The primarily responsibilities of the WHP was defined as providing safety on Wyoming state highways including the interstates, U.S. highways, and state routes. They patrol over 6,800 miles of highways in the state, including 900 miles of interstate. WHP consists of two sections: field operations and support services. Field operations responsibility includes patrolling the roads, traffic enforcement, crash investigation, criminal interdiction, drug interdiction and commercial vehicle enforcement.

The primary functions of the patrol divisions are as follows:

- Enforcing the state's traffic laws,
- performing criminal interdiction on Wyoming highways,
- controlling and directing motor vehicle traffic on public roadways,
- providing executive protection,
- vehicle inspection for safety-related equipment violations,
- providing community education and conducting safety programs to the public,
- assistance in state homeland security efforts,
- regulating road closure for events such as inclement weather,
- enforcing rules for commercial motor vehicles, and
- providing emergency assistance in major disasters such as civil protest

The goals and the strategic performance measures need to be taken to fulfill those goals are highlighted in the annual report as follows:

- Reduce highway fatalities, alcohol related crashes, and injury crashes.
    - Reduce the total number of fatalities annually
    - Reduce the number of fatal crashes by five percent annually
    - Reduce the number of impaired driver involved in fatal crashes by five percent annually
    - Reduce the number of CMV fatal crashes annually
    - Reduce the number of incapacitating injury crashes by five percent annually

    - Reduce the number of CMV crashes by five percent
- Maximize the enforcement, educational and support efforts.
    - Enforce legitimate traffic violations that result in a crash.
    - Increase seat belt use to equal the nationwide seat belt use rate for the residents of Wyoming.
    - Increase efforts for outreach to the public by all areas.
- Develop and care for the employees.
- Perform the duties and obligations without reservation.
    - Increase the number of certified inspectors.
    - Place drivers out of service for established violations.
    - Place vehicles out of service for established violations.
    - Increase percent of total hours worked, actually spent, and patrolling by five percent.
    - Comply with short-term goals listed in the plan submitted to FHWA annually.
- Handle every call with a service and oriented response.
    - Maintain a positive response rate from the Customer Satisfaction Survey cards for the SWORN side of 98 percent or greater.
    - Maintain a positive response rate from the Customer Satisfaction Survey cards for the Ports of Entry of 98 percent or greater.
    - Safely respond to all calls within 20 minutes or less.
    - Develop a system that tracks response time using the Record Management System (RMS).
    - Improve internal customer service.
- Develop and maintain an agency structure that prepared WHO for future growth and demands.
    - Conduct a statewide assessment of resources.
    - Assess the need for a new Patrol academy.
    - Obtain additional dispatch personnel to minimize overtime, employee burnout, and to better serve our customers.
    - Obtain Patrol dedicated IT support for our technology needs.
    - Develop and implement electronic citations.
    - Develop and implement electronic permitting and self-issuing permit process.
    - Develop a comprehensive inventory system.
    - Effectively use the Records Management System (RMS).
    - Develop a recruiting strategy.
- Operate within a balanced budget.
    - Conduct annual budget review with Patrol staff.
    - Stay within (+ or - 5 percent) of budget.

On a yearly basis, patrol has a recognition ceremony that reward districts, divisions and troopers for implementing the strategic plan. The following criteria used for the annual trooper commercial vehicle recognition rewards:

- Top Trooper Commercial Vehicle Speed Enforcement:
    - What was the speeding citations number issued to commercial vehicles by the Trooper?

    - What was the impact on the Divisional Performance Measures?
    - What are the Trooper overall activities?
    - How many citations were issued during specially recognized holidays?
- Top Trooper Commercial Vehicle Level One Inspector:
    - What was the total number of inspections completed by the inspector?
    - What was the total number of violations discovered by the inspector?
    - What was the percentage of vehicles placed out of service versus total number of inspections?
    - What was the total number of hazardous material loads inspected?
    - What was the impact on the Divisional Performance Measures?

WYOMING STRATEGIC HIGHWAY SAFETY PLAN

The goal of Wyoming strategic highway safety plan (SHSP) is defined as reducing the number of critical crashes. Therefore, the success of the efforts by all the organizations evaluated based on reduction in critical crashes on the Wyoming transportation system. Critical crashes are defined as fatal and incapacitating injury cashes on Wyoming highways. Four main processes that forms a relationship between SHSP and safety groups are defined as follows:

1. Coordination: Which includes increased communication, coordination, and cooperation between different agencies with different levels such as state, regional, and local agencies.
2. Implementation: By helping safety partners focus their programs and activities in support of the safety goal associated with the SHSP.
3. Evaluation: The strategies developed by the guidance of SHSP are evaluated through performance measures based on reduction in the number of annual critical crashes.
4. Revision: Based on the evaluation, the SHSP guidance would be revised to meet the challenges presented by transportation system in Wyoming.

Six areas of safety were highlighted in SHSP as the greatest opportunities to reduce critical crashes including road departure crashes, use of safety restraints, impaired driving, speeding, young drivers and curve crashes. Several specific areas of interest for improvement were identified in SHSP as follows:

- Systematic treatments including geometric correction, animal/vehicle crash prevention, visibility improvement, guardrail corrections and signing.

- Continuing safety areas including work zone safety, highway freight safety, motorcycle safety, railroad crossing safety, and access control.

- Evaluation by monitoring various statewide efforts by annually reviewing the highway safety plan (HSP), and focusing on behavioral activities and infrastructure improvement.

The safety partners are encouraged to follow the following steps to continue effective existing activities that supports the overall goal of reducing critical crashes on Wyoming roadways:

1. Review crash data;
2. Establish emphasis area direction;
3. Communicate and coordinate initial strategies to address the emphasis areas.
4. Develop specific strategies and initial performance measures;
5. develop comprehensive action plans;
6. Implement and evaluate the action plans.

The greatest causes of critical crashes and possible countermeasures to address them are as follows:

- Roadway departure crashes
    - Implementation of rumble strip policy.
    - Enhance roadway visibility features.
    - Develop and implement guidance on median barrier treatments.
    - Implement an education program on the roadway departure subject.
    - Provide training to local governments.
    - Reduce the impacts of leaving the lane with low cost clear zone treatments.
- Use of safety restraints
    - Conduct seat belt use survey on an annual basis.
    - Develop a focused statewide seatbelt campaign.
    - Support national seat belt usage campaigns.
    - Work with safety partners to provide training.
    - Support child seat check campaigns.
    - Support the strengthening of seat belt laws.
- Impaired driving
    - Support the efforts of the Governor's council on impaired driving.
    - Support the activities of the Highway Safety Grants Office.
    - Support multi-agency statewide law enforcement/public information campaigns.
    - Continue support of programs to reduce DUI in the 21 – 34 age group.
    - Continue support for alcohol/drug highway safety programs at universities.
    - Provide DUI awareness for public distribution.
    - Provide education about DUI legislation.
- Speeding
    - Collect and evaluate speed data.
    - Post and monitor appropriate speed limits on all roadways.
    - Continue to support speeding enforcement programs.
    - Conduct media campaigns regarding road conditions during different seasons.
    - Support use of ITS devices to communicate roadway information to drivers at decision points.
- Young drivers
    - Collect and evaluate additional highway crash data.
    - Continue educational efforts.
    - Support educational programs
    - Evaluate the graduated drivers license requirements recently implemented
- Curve crashes represents
    - Collect and evaluate highway feature curve data.

- Designs for additional curve warning signs or improve visibility with items such as beacons.
- Placing of additional delineation and varied types of delineation.
- Evaluate low cost clear zone corrections such as guardrail improvement.
- Support use of ITS devices to communicate curve information to drivers at decision points.

WYOMING TRUCKING ASSOCIATION STRATEGIES ON TRUCK SAFETY

As a result of the need for organized support and unity of the trucking industry in the state, the Wyoming Trucking Association (WTA) was organized in 1939. WTA mission is to increase safety on highway, advance the commercial motor carrier interest and educate the public as well as regulators on the issues facing the industry. The advancement of the interests of transporters of property or passengers by motor vehicles is named as the primary concern of WTA. WTA aimed to educate those involved in the transportation industry on matters affecting their operations and to foster and advance safety on the public roads and highways. In order to achieve the aims and objectives the following services are offered by WTA:

- Eight conferences representing the specialized services of its members
- Council of Safety Supervisors
- Life and Health Insurance
- Legislative Committee
- Lobbying efforts during legislative session
- Bulletin Service – detailed bulletins to all members
- Association Membership Services Directory
- Wyoming TRUCKER magazine (distributed to members and key personnel over the state; approximate circulation of 3,200)
- Public Relations efforts (to include periodic news releases about industry and the publishing of a Legislative Directory)
- Government and Regulatory Liaison
- Annual Convention
- Area Meetings
- Business forms and supplies for members
- Education assistance to Wyoming schools in vocational and technical training
- Schools and workshops for WTA members on state and federal regulations
- Maintenance Seminars for WTA members

CONTRIBUTING FACTORS TO TRUCK CRASHES

Impacts of Weather

A research study was carried out to investigate the impacts of trucks on Kentucky interstate highway safety from 1996 through 2000 (Agent & Pigman, 2002). A comparison was made between all crashes and truck crashes on the interstate; the results indicated that there was higher percentage of truck-involved crashes during darkness, between midnight and 6:00 A.M., as well as from September through November. On the other hand, non-truck vehicles had a higher percentage of crashes on a wet or snow surface.

Single and multi-vehicle trucks on rural and urban roadways in Alabama from 2010 to 2012 were analyzed (S. Islam, Jones, & Dye, 2014). In their study, they grouped trucks into two weight groups, between 10,000 and 26,000 pounds, and 26,000 pounds and above. Some environmental factors were found to be effective in truck crashes. Clear weather was found to decrease the possibility of major injury in urban multivehicle crashes. Inclement weather, like mist or fog, increased the probability of major injury in urban single vehicle crashes. It was found that a wet surface increases the possibility of a minor injury and possible or no injuries in rural single vehicle (SV) crashes; however, if the wet surface is located on a curve, the severity of an injury in a rural multi-vehicle (MV) crash increases. During peak time (6:01 P.M.- 12:00 P.M.), the variable increases the probability of major injury in rural MV crashes; while off peak (12:01-7:00 A.M.) increases the possibility of major injury in rural SV crashes. Environmental factors reported by Golob and Recker were to be linked to heavy-truck crashes. For example, a slippery road surface, or wet or icy conditions, led to higher heavy truck crashes rate compared with dry surface.

Impacts of Road Geometry

The crash data from 1,041.6 miles of Tennessee highways with 1,787 truck-involved crashes was employed (Dong, Nambisan, Richards, & Ma, 2015). The purpose of this paper was to investigate the effects of geometric design features and other attributes on the truck-involved crash frequency. Two categories were established: car-truck and truck-only crashes. Zero-inflated negative binominal (ZINB) models were developed under the bivariate regression framework. Different geometric design features, traffic characteristics, and roadway pavement information were included such as traffic data, geometric, horizontal curves, shoulder width, median type, posted speed limits, traffic volume, truck percentage, IRI, and rutting depth (RD). The results showed that higher large truck traffic, higher passenger car traffic, longer segment length, greater degree of horizontal curvature, rolling and mountainous terrain, industrial and commercial land use, greater RD, and higher speed limits were associated with higher number of car-truck crashes; with the highest effects of truck traffic and mountainous terrain, with coefficient of 3.26 and 1.84 respectively. The results for truck-only crashes showed that truck traffic (3.0) and industrial land use (4.4) had the highest impact on the crashes.

A study was carried out to evaluate the relationships between large truck crash probability, geometric, and traffic characteristics (Dissanayake & Amarasingha, 2012; Dong, Burton, Nambisan, & Sun, 2016). Crash data from 2005 to 2010 that occurred on Kansas limited-access highway sections were used. The significant variables in the model were number of lanes,

section length, horizontal curvature, vertical grade, and inside shoulder width. The results indicated that crashes were less likely to occur on curves with a high degree of curvature. A negative correlation between truck-crash frequency and vertical curves was observed. Roadway type is also noted as a factor that has an impact on crash rates of heavy trucks; crash rates are lower on freeways than on other roads (Starnes, 2006a).

Another study investigated the relationship between rural road geometric characteristics and crash rates by developing a methodology that quantitatively assesses the impacts of various highway geometric characteristics on crash rate. The results indicated that pavement condition and geometric design are the two most important factors affecting crash rates (Karlaftis & Golias, 2002).

In 2009, a study used a data set based on rural two-lane collector and arterial horizontal curves in Ohio, consisting of 15,390 observations from 2002 through 2006. The objective of this study was to investigate the impact of roadway geometry on truck crashes. This study incorporated shoulder width, horizontal curve radii, curve length, and other traffic parameters. The results indicated a significant increase in truck crashes due to horizontal curvatures (Schneider IV, Zimmerman, Van Boxel, & Vavilikolanu, 2009).

Impacts of Traffic

Duncan et al. used crash data from 1993 to 1995 for collisions between heavy trucks and passenger cars in North Carolina. A probit model was used to identify significant variables associated with passenger car occupant, injury severity for truck-passenger car rear end collisions. The results indicated that traffic congestion captured by AADT per lane was significantly correlated to injury severity reduction, with a possible reason of lower speeds (Duncan, Khattak, & Council, 1998).

In 2009, Ramirez et al. explained a methodology developed to analyze the effect of traffic conditions on crashes, on different types of interurban roads in Spain. The annual average daily traffic was identified as the most important variable increasing crashes followed by the percentage of heavy goods vehicles. In all cases, the drop in the number of crashes occurred because of the drop in the number of heavy goods transport vehicles (Ramírez, Izquierdo, Fernández, & Méndez, 2009).

Another study used a data set from Tennessee to examine the impacts of road geometry and traffic on the frequency of truck-related crashes. The results suggested that the percentage of trucks is the most critical variable among all the explanatory variables for the frequency of truck-related crashes. Average annual daily traffic (AADT) was a significant variable with a coefficient of 1.88, indicating that the number of truck-related crashes increases as AADT increases. The percentage of truck coefficient was 2.42, indicating that the odds of truck-related crashes are likely to increase by as much as 11.25 times with each one percent increase in truck volume (Dong et al., 2016).

Researchers examined the relationship between gas drilling and motor vehicle accident rates in Pennsylvania. A crash rate comparison was made between counties with and without shale gas drilling. Data from 2005 to 2012 was used. The results indicated that heavily drilled counties

experienced 15-23 percent higher vehicle crash rates and higher heavy truck crash rates than control counties (Graham et al., 2015).

CONTRIBUTORY FACTORS TO SEVERE TRUCK CRASHES

In 2012, large trucks accounted for nine percent of the total vehicle miles traveled and four percent of all registered vehicles, but they accounted for eight percent of all vehicles involved in fatal crashes and three percent of all vehicles involved in injury and PDO crashes. North Dakota has the second highest percentage of large trucks involved in fatal crashes (20.2 percent) followed closely by Wyoming (16.85 percent) (National Highway Traffic Safety Administration, 2014).

In 2006, Starnes examined crashes that occurred from April 1, 2001, through December 31, 2003. The data was collected from a large truck crash causation study (LTCCS) including 2,284 vehicles involved in 1,070 crashes. Thirty-two percent of fatal large-truck crashes involved three or more vehicles and only nine percent of a single-vehicle large truck crash involved a fatality. It is more likely a person was killed in other vehicle (7.7 percent) as compared to a large truck (1.6 percent). The no-injury category is more than three times likely to be seen in heavy truck crashes (52 percent) as opposed to non-truck crashes. Sixty percent of large truck crashes in multivehicle crashes was related to "no driver error", compared with only four percent of large trucks in single-vehicle crashes. Regarding road alignment, 43 percent of all single vehicle crashes took place when the heavy truck goes straight, and the remaining happened when there was a right or left curve. The road alignment was quite different in multivehicle crashes, where 80 percent of heavy trucks traveled straight at the time of crash. The distribution of the "pre-crash movement" categories varied between other vehicles and heavy trucks. Heavy trucks were more than twice as likely to be "negotiating a curve "as opposed to other vehicles, 19 percent and 9 percent respectively. Drivers of other vehicle involved in crashes were more than six times as likely to have a positive blood alcohol content (BAC) test (4.5 percent) in comparison with heavy-truck drivers (0.7 percent) (Starnes, 2006b).

Researchers used four years of California accident data to compare the differences of driver-injury severities in large truck-involved crashes in rural and urban areas. Multinomial logic analysis of the data was conducted to identify factors that significantly affects driver-severity outcomes. In this paper, large trucks were defined as a vehicle having a gross weight of at least 10,000 pounds. The results showed crashes involving trucks occurring at an intersection, in a rural area result in a 725 percent increase in the possibility of a severe/fatal injury, compared to all other highway locations. The results also indicated that truck tractors without trailers decreased the probability of no injury (17.4 percent) and increased the probability of a visible injury and a severe/fatal injury (67.1 percent) across drivers. Crashes involving a tractor-trailer combination had an increase in severe/fatal injuries (689.3 percent) compared to crashes involving single-unit large truck (Khorashadi, Niemeier, Shankar, & Mannering, 2005).

A research study carried out with the purpose of providing an analysis of the causes of traffic fatal crashes in Florida from 1998 to 2000. They found, in heavy trucks, 50 percent of the fatalities occurred in vehicles that rolled over, and 26 percent in vehicles that caught fire. In just

30 percent of the total truck- involved crashes, trucks were at fault. Trucks were more likely to be at fault in run-off the road, rear-end, and intersection-turning crashes. They reported that most of the truck crashes occurred in clear weather (67.8 percent), dry roads (87.3 percent), and daytime (51.7 percent) (Spainhour, Brill, Sobanjo, Wekezer, & Mtenga, 2005).

Data of fatal crashes in 50 states, District of Columbia and Puerto Rico, was used by Bezwada from 2003 to 2007. Vehicles with GVWR greater than 10,000 was considered as a truck. Multinomial logistic regression modeling was used for the crash data analysis. The results showed that large trucks contribute to more fatalities on non-truck vehicles than on trucks themselves. The results from the initial point of impact on the truck in fatal crashes indicated that most of the fatalities (62.5 percent) caused by the truck having the initial impact on their fronts followed by left hand side of the truck (15.5 percent). Alcohol involvement results indicated that 87.3 percent of the drivers involved in fatal truck crashes were non-truck drivers under the influence. As for the manner of collision, the results indicated that angle crashes had the highest percentage (34 percent) of fatal crashes followed by a single vehicle colliding with a fixed object (23.7 percent). The results of fatal crashes with a truck driver at-fault indicated that most of the crashes (28.1 percent) occurred because of noncompliance to traffic regulation, followed by improper driving (24.6 percent) and mental/physical condition (15.8 percent) of truck drivers, such as fatigue and inattentiveness. The results indicated that most of the truck crash fatalities occurred with truck drivers at the age of 41-50 (29 percent), followed by 31-40 years (27.3 percent), while the highest percentage for non-truck drivers was 21-30 (24.4 percent). The likelihood of occurrence of contributory factors in fatal truck crashes were calculated in comparison with non-truck crashes. As for crash related factors, motor vehicles struck by falling cargo and construction/work area conditions took the highest likelihood ratio with 3.15, 2.90, and 2.77. As to vehicle-related factors, defect in brake system and defect in lights/horn/mirror/wipers had the highest likelihood ratio in fatal crashes with 8.22 and 2.66 respectively. The results of driver-related factors indicated that stopped or unattended vehicles, following improperly, and backing improperly had the highest likelihood with 3.82, 3.69, and 3.2 respectively (Bezwada, 2010).

An analysis of a five-year data set (2002-2006), including truck-involved fatal crashes that occurred on a Missouri interstate was performed by Vap and Sun in 2007. Missouri has about 40 percent of trucks on its rural interstates and 5 percent trucks on urban interstates. The Video Re-identification method (ReID) was used in this research for deriving space mean speed (SMS). Results indicated that just 19.9 percent of all the fatal crashes on all Missouri interstates during the five-year period were assigned fault to the truck, and 8.6 percent of the crashes occurred with both vehicles at fault. The results indicated that truck at fault crashes caused more fatalities in urban areas (24 percent) than rural areas (16.9 percent), while truck at fault crashes in rural areas caused more minor injuries (43.3) than urban areas (40.8 percent) (Vap & Sun, 2007).

Another study used the data from the Fatality Analysis System (FARS), from 1996 to 2000, to investigate the characteristics of large truck fatal crashes. Two-vehicle crashes consisting of at least one large truck and one non-truck vehicle were examined to obtain vehicle-related and driver-related factors. Large trucks were defined as trucks with a GVWR of at least 10,000 pounds. Large trucks were grouped into two subsets, single-unit trucks and combination trucks. A single-unit truck (SUT) was used for a truck without a trailer such as UPS truck. A

combination truck tows another vehicle, such as tractor-trailers. The results indicated that 83 percent of large truck fatalities occurred in multiple vehicle crashes and just nine percent occurred when just one large truck engaged in a crash. The highest percentage of truck driver fatalities occurred with a rear-end crash, truck striking the passenger vehicle (15 percent). As for two-vehicle combination truck fatalities, the highest percentage of passenger vehicle, driver fatalities occurred with the crash type of "head-on passenger vehicle in truck lane" (19 percent), followed by "straight path, truck into passenger vehicle" (13 percent). "Straight path, passenger vehicle into truck" took the highest percentage of truck driver fatalities (21 percent), while "head-on passenger vehicle in truck lane" caused the highest percentage of passenger vehicle, driver fatalities (22 percent). More than 64 percent of the single-truck fatalities occurred in a rollover crash. The result indicated that rollovers are positively associated with the gross weight of a truck (Moonesinghe et al., 2003).

Dong et al. used crashes involving trucks that took place on the Tennessee state highway system between 2005 and 2009. Crashes with at least one truck were included in this study. There were the total of 1,134 truck-involved crashes, 1,033 multi-vehicle crashes, and 101 single-vehicle crashes occurring on state route highways during this five-year period. The factors affecting the crash severity were classified into five groups: traffic, driver, vehicle, environmental, and geometric characteristics. Age, AADT, and truck percentage were included in the analysis. The number of variables were reduced by hierarchical clustering. The results indicated that crashes on roadways with a lower traffic volume considerably increase the probabilities of fatalities, considering the possibility in an increase of speed limit. The probability of injury increased as the truck percentage increased. Risk ratio for truck percentage factors were 2.8, 2.6, and 3.3 for possible injury (PI), no injury (NI), and fatality injury (FI). The influence of truck percentages on the crash severity was obtained. The model was designed and the result indicated that the FI crashes increased 13 times when the truck number was increased from ≤50 vehicle per day (vpd) to ≤750 vpd. The results of direct pseudo-elasticity indicated that not using a safety belt properly increased the likelihood of FI by 225.25 percent. When the speed limit increased by more than 45 mph there is a threshold effect, which greatly increased the likelihood of FI. Driving at the speed limit of more than 65 mph increased the possibility of a fatal injury by 255.84 percent. Driving under the influence of alcohol or drugs increased the fatality risk by 272.10 percent. As for the impact of the vehicle factors, the results indicated that combination trucks increased the possibility of fatal injury (97.11 percent) (Dong, Richards, Huang, & Jiang, 2013).

More researchers used crashes that involved large trucks on the Texas interstate system over a five year-period, from 2006 to 2010. The objectives were to investigate human, vehicle, and road-environment factors contributing to heavy truck crashes. The KABCO injury scale was used to code the level of injury. Mixed logic was employed to model the effects of several contributory factors on injury severity levels. The results indicated that, on average, about 99 percent, 98.1 percent, and 62 percent of large truck crashes were less likely to result in a fatal injury, non-incapacitating injury, and a possible injury compared with non-truck vehicles. Male drivers were less likely to be involved in possible injury. Crashes occurring between 3:00 P.M. and 7:00 P.M. reduced the likelihood of fatal, incapacitating and possible injuries by 7.6 percent, 5.1 percent, and 4.4 percent. Dark highway sections increased the possibility of fatal and incapacitating injuries by 11.5 percent and 10.4 percent. The likelihood of fatal injuries reduced by increasing traffic flow (44.3 percent), which was measured by ADT per lane in each direction.

Clear weather increased the possibility of fatal injury by 66.9 percent (Islam & Hernandez, 2013).

CORRELATIONS BETWEEN ENFORCEMENT STRATEGIES AND TRUCK CRASHES

Based on the model proposed by Becker, a decision of committing a crime was made by an individual by weighting the expected costs against the expected benefits (Becker, 1974). Another study investigated the factors behind the drop in crime between 1980 and 1996 in the U.S. Higher apprehension probability was noted as one of the main factors behind the drop in crime (İmrohoroğlu, Merlo, & Rupert, 2004).

Tay used crash data compiled by the Queensland police services and the traffic enforcement data from January 1994 to October 2001. The total number of serious crashes with at least one fatality or hospitalization per month was the main performance indicator of this study. The objectives of this research was to investigate the role of deterrence on changing the individual's perceived cost of involving in an illegal activity and increasing the perceived certainty of punishment. In this research, the relationship between the dependent variable (numbers of serious crashes per month), and independent variables (number of Random Breath Tests (RBT)) performed per month and proportion of tests per month were compared. The results indicated that the percentage of drivers apprehended and the number of breath tests performed per month had a significant effect in reducing the number of serious crashes per month (Tay, 2005b).
Tay evaluated the effectiveness of anti-speeding, anti-drink enforcement, and publicity campaigns employed in Australia, Victoria State, on young male drivers. The dependent variable in this study was the total number of serious crashes (fatality or hospitalization) per month that involved at least one male driver under the age of 25, from January 1987 to December 1992. The results of ordinary least square (OLS) regression indicated that model fitted the data very well, R^2=0.90. The Durbin-Watson statistic was employed to ensure that there is no evidence of first order serial correlation. The results indicated that each of the publicity campaign and driving enforcement had an independent effect on reducing the number of fatalities (Tay, 2005a).

A research was carried out by Davis et al. to investigate whether motor vehicle crashes (MVCs) can be reduced by an aggressive traffic-violation enforcement program. A vigorous enforcement program was carried out using increased traffic patrol officers within Fresno City, California. The number of Fresno police department officers increased from 20 to 84 officers. Dataset included citations, collisions, fatal collisions, and speed related fatalities before program onset (2002), during the first year (2003), and after full implementation (2004). The number of moving violation citations issued within Fresno increased from six percent of the population in 2002, to 17 percent in 2004. During the same time, there was a decrease in 20 percent of MVCs. MVC fatalities decreased twofold, and speed-related fatalities decreased threefold. In Fresno County, in comparison, there was a six percent decrease in the number of moving violations and an increase in the rate of collision by population (Davis et al., 2006).

The study by Redelmeier et al. used licensed drivers in Ontario, Canada. It involved fatal crashes in the past 11 years, from Jan 1, 1988 to Jan 1, 1999. Drivers were categorized based on their age (<30, 30-50 and >50), sex, years of licensed driving (≤9 and ≥ 10), corrective eyewear, license

class, and previous driving convictions (≤3 and ≥4). Crashes and convictions were more common in summer. Two percent of the drivers had driving convictions in the month before a fatal crash. Among all licensed driver groups, there was a relative risk reduction associated with traffic conviction. There was a similar risk reduction for drivers with four or more and for those with three or fewer previous convictions. Risk decrease was greatest for conviction made close to the time of the crash. Convictions related to careless driving, seatbelt failure, disobeying of a traffic signal, and administrative errors were all associated with similar risk reduction (Redelmeier, Tibshirani, & Evans, 2003).

Two main sources of data, traffic tickets issued in Massachusetts from April 1, 2001 through January 31, 2003, and motor vehicle accident data from the Massachusetts highway safety division were used by (D. N. Lee, 2012). Each crash included information on time, number of vehicles involved, date, location, and crash severity. There were, on average, 4.8 issued ticket and 0.9 motor vehicle accident per 100 miles of public road length. The click-it-or-ticket (CIOT) program was used as a treatment period. During this period, the number of tickets increased by 40 percent. The results indicated that a unit increase in tickets decreased crashes by 0.05. Two mechanisms explained the possible reasons behind fewer crashes during the CIOT mobilizations. The first is a deterrence effect, both for ticketed drivers and a driver who observed other drivers receiving a ticket, and the second could be media campaign. The elasticity for crashes with respect to tickets was close to -1 at night and just about -0.16 during the day, which means the impact of tickets had a larger effects on crashes at night.

Municipal budgetary shortfalls was used by researchers as an instrumental variable to identify the traffic citation effects on traffic safety. The traffic citations and crash data between April 1, 2001, and January 31, 2003 in Massachusetts were employed. Tickets not related to traffic safety, such as parking tickets, were excluded from this study. The most common issued ticket was speeding (39 percent). The effects of traffic enforcement on crashes examined by the OLS regression indicated that issuing 100 extra tickets lead to four fewer crashes (coefficient= -.040), and for every 100 tickets written per mile, there were 14.3 fewer crashes per mile (coefficient of -.143). The result indicated that issuing 100 additional tickes resulted in 6.7 fewer injuries associated with traffic crashes (-.067) (Makowsky & Stratmann, 2011).

Laid off roadway trooper data was used by DeAngelo and Hansen to investigate the effects of a decrease in enforcement on injuries and fatalities on Oregon highways. Thirty five percent of the officers were laid off due to budget cuts. Three years before and after the layoff, 2000 to 2005, was used for the period of this research. Injuries and fatalities were considered under four different scenarios based on different city limits, outside or inside city-limits, and weather combinations, under dry or all weather condition. The result showed that a decrease in police enforcement, defined by either citation given or the troopers employed, resulted in an increase in injuries and deaths on Oregon highways. The authors' estimation indicated that if the Oregon State Police maintained their original staffing level there would have been 1,685 fewer deaths from 1979 to 2005. The results indicated that injuries tended to be more severe outside of city-limits, the odds of a fatality increased eight fold, the odds of an incapacitating injury triple, and the odds of visible injury almost double. In conclusion, the amount of troopers that were laid off was associated with rise in injuries and fatalities (DeAngelo & Hansen, 2010).

Santana and Enrique used five-years (2008-2012) of crash and enforcement data to investigate the impact of overtime traffic-enforcement activities on injuries with different levels in Michigan. The results of the Binomial model for 2011 and 2012 indicated that enforcement activities reduced crash occurrence. Overtime traffic enforcement activities reduced fatal and serious injury, as well as alcohol and drug related crashes (Santana & Enrique, 2014).

Researchers used Spanish Panel Code, which came into effect on December 2, 2007, to evaluate the effects of this enforcement on the number of deaths in road crashes. Under this new regulation, some traffic violations such as driving at a speed limit of 60 km/h over the legal speed limit, driving under the influence of drugs (DUI), and driving without a license were upgraded to the category of criminal offenses. The number of deaths in road traffic crashes were collected from January 1980 to December 2008. The results indicated that the number of fatalities decreased by 534 between November 2007 and December 2008 (39.6 percent) (Castillo-Manzano, Castro-Nuño, & Pedregal, 2011).

Boudreaux investigated whether more traffic tickets written by police officers can increase public safety. Data including Florida monthly crash data during the year 2011 to 2012, annual crash data between 1999 and 2010, and traffic tickets issued for both data sets were used in this study. The data of unemployment rate, median income, and demographic data from the U.S. Bureau, were collected as well. Ordinary Least Squares (OLS) was used to investigate the effects of traffic tickets on traffic crashes. Marginal effects of the monthly crash data results indicated that an increase in one traffic ticket per capita resulted in a decrease of three traffic crashes per 100 residents per month. Both percentage of population that is male and the unemployment rate showed a negative and statistically significant relationship with traffic tickets per capita for the data between 1999 and 2010, but both of these variables changed sign and reported a positive and statistically significant relationship with traffic tickets per capita for the monthly data from 2010 to 2011 (Boudreaux, 2013) .

Dramatic increase in tickets on crashes, during Click-it-or-Ticket, was exploited by Luca to investigate the impact of traffic tickets on crashes and nonfatal injuries in Massachusetts from April 1, 2001, through January 31, 2003. The result of the OLS regression of crashes on tickets indicated that there was no effect of tickets on crashes; however, exogenous variation analysis on the number of tickets indicated that tickets led to fewer motor vehicle crashes. It was also observed that traffic tickets were able to reduce nonfatal injuries. Traffic enforcement had more deterrent effects at night, and females appeared to be more deterred by traffic enforcement than the male group (Luca, 2015).

MODELING TRUCK CRASHES

Different types of statistical modeling were used by different studies to establish the relationship between response as crash, or crash severity, and different explanatory variables, such as traffic enforcement and average annual daily traffic (AADT). The negative binomial model is based on the probability distribution function (PDF) of negative binomial distribution. The logistic model is derived from the binomial PDF, and the normal linear regression or ordinary least square is derived from the Gaussian or normal PDF (Hilbe, 2011).

Ordinary Least Square

In statistics, ordinary least square (OLS) is a method for estimating the unknown parameters in a linear regression model. The objective of this model is to minimize the sum of the squares of the differences between the observed responses and the predicted values based on a linear function. The linear regression can be written as Equation 1:

$$y = \beta_0 + \beta_1 x_1 + \beta_2 x_2 + \beta_3 x_3 + \beta_4 x_4 + \varepsilon$$

Equation 1. Linear Regression Equation

Where:

y is a response,
x is a predictor and,
ε is the errors.

OLS follows the normal distribution, which is symmetric about its means, and it has a standard deviation of σ (Draper & Smith, 2014). In a histogram, the x-axis shows the possible response and the y-axis shows the frequency of each response being observed.
The idea of the OLS principle is to choose parameter estimates minimizing the squared distance between the data and the model (SAS Institute, 1985). The additive model cab be written as Equation 2:

$$Y_i = f(x_{i1}, \ldots, x_{ik}; \beta_1, \ldots, \beta_p)) + \varepsilon$$

Equation 2. Additive Model Equation

Where:

f is an unknown function,
ε is independent, zero mean random error,
β is a p-dimensional unknown parameter vector.

The OLS principle minimizes the residuals sum of squares (SSE) which can be written as Equation 3:

$$\text{SSE} = f(x) = a_0 + \sum_{n=1}^{\infty} (y_i - f(x_{i1}, \ldots, x_{ik};\ \beta_1, \ldots, \beta_p)$$

Equation 3. Sum of Squares Equation

The OLS principle is sometime called "nonparametric" because it does not require the distributional criteria of the response or the error term.

Many researches carried out studies using OLS to estimate the unknown parameters in a linear regression model that contribute to crashes. A research study was carried out with the objective of identifying work-related risk factors that can reduce injury severity of truck-involved crashes. They assigned an economic value to injury level (A. J. Khattak, Schneider, & Targa, 2003). The OLS regression model was found appropriate because the cost data was continuous. The OLS regression model was used to investigate the effectiveness of anti-speeding enforcement on

young male drivers (Tay, 2005a). In this research, the number of serious crashes was the independent variable. The OLS results fitted the data very well (R^2=0.90). In another study, the effect of increased traffic tickets on public safety was evaluated by using OLS regression model (Boudreaux, 2013).

Negative Binomial

The poison model imposes the restrictive assumption that the variance equals to the conditional mean. Negative binomial is the typical alternative when the assumption of equal mean and variance is not fulfilled (Greene, 2007). Negative binomial can be written as Equation 4:

$$\mathrm{Ln}Y_i = \beta_0 + \beta_i x_i$$

Equation 4. Negative Binomial Equation

Where:

Y_i is expected number of crashes in time i,
β is the parameter coefficient vector to be estimated,
x_i is the vector of explanatory variables in time period i.

Negative binomial model can be written as Equation 5 as well:

$$\mathrm{f}((y_i|x_i) = \frac{\Gamma(y_i + \alpha^{-1})}{y_i!\,\Gamma(\alpha^{-1})}\left(\frac{\alpha^{-1}}{\alpha^{-1} + \mu_i}\right)^{\alpha^{-1}}\left(\frac{\mu_i}{\alpha^{-1} + \mu_i}\right)^{y_i}$$

Equation 5. Negative Binomial Equation (Second Format)

Where:

α is the overdispersion parameter of the negative bionomial model.

The negative binomial distribution is obtained as a gamma mixture of Poisson random variables.

The conditional mean is as Equation 6:

$$\mathrm{f}((y_i|x_i) = \mu_i = (e)^{x\beta}$$

Equation 6. Conditional Mean Equation

The conditional variance is presented in Equation 7:

$$\mathbf{V}(y_i|x_i) = \mu\left[1 + \frac{1}{\theta}\mu\right]$$

Equation 7. Conditional Variance Equation

In negative binomial distribution, the conditional variance exceeds the conditional mean (SAS Institute, 2014).

A considerable amount of research has been carried out to model crash data (count variables) with over-dispersed outcome variables. In 1994, Miaou investigated the performance of Poisson and negative binomial (NB) regression models in evaluating the relationship between truck crashes and the geometric design of road sections (Miaou, 1994). Poisson regression, zero-inflated Poisson (ZIP) regression, and NB regression were considered in this study. The models were evaluated based on their estimates regression parameter, overall goodness-of-fit and estimated relative frequency of truck crash involvement across road sections. The results suggested that NB regression models should be used with caution. They also found that if the over-dispersion of crash data is moderate to high, both NB and ZIP regression models could be explored. Negative binomial regression was used to estimate safety effects of cross section design elements on total, fatality, and injury crash rate for various types of rural and urban highways (Hadi, Aruldhas, Chow, & Wattleworth, 1995). Two models, with negative binomial and Poisson distribution, were considered in this study. Two tests were used for detecting overdispersion to decide whether negative binomial or Poisson regression should be used in analyzing crash data. The first test involved simple least-square regressions to test the significant of the overdispersion coefficient. Another test involved using standard error to test the hypothesis that the overdispersion parameter is zero. The results indicated that both models failed to pass the chi-square goodness-of-fit test at the 0.05 confidence level. However, they suggested, to make a decision, it is better to consider the following requirements for model acceptance:

1- The sign of all model parameters are as expected
2- AIC is the lowest
3 -Each parameter is accepted when testing using appropriate statistical testing

Logistic Regression Model

Logistic regression or logit model is a model where the dependent variables is categorical. This model fits a logistic regression model by using the technique of maximum likelihood estimation (SAS Institute, 2014).The logistic model has the form of Equation 8 being written as:

$$\log (p/(1-p))=b_0 + b_1x_1 + b_2x_2+ \ldots.+ b_m x_m$$

Equation 8. Logistic Regression Model

Where p is the response probability, x_i are explanatory variables and b_i are regression coefficients. In binary logistic model, the response can take only two values such as truck crash/non truck crash or severe crash/property damage only (PDO). The independents variables in the logistic regression model can be interval variables or nominal variables. The linear logistic model has the form as Equation 9:

$$logit(\pi) = \log\left(\frac{\pi}{1-\pi}\right) = \alpha + \beta x$$

Equation 9. Linear Logistic Regression Model

Where

α is the intercept parameter,

and $\beta=(\beta_1, \ldots, \beta_s)$ is the vector of s slope parameters.

Logistic regression models have been used in a considerable number of literature to establish the impact of multiple explanatory variables such as road condition, or point of on the outcome variables. Outcome variables such as, truck versus no truck crashes, or severe truck crashes versus property damage only (PDO) crashes. A time-dependent logistic regression model was formulated to assess the safety of motor carrier operations. Nine regression models were estimated including time-dependent effects, multiday driving pattern , time main effects (the driving time), and a series of time-related interactions (Lin, Jovanis, & Yang, 1993). Quin et al. used three types of logistic regression models: multinomial logistic, partial proportional odds (PO) and mixed logistic (ML) models to show whether involvement in large truck crashes can result in more severe crashes due to size, weight, and speed differential compared with other vehicles (Qin, Wang, & Cutler, 2013a). Logistic regression to crash-related data was applied to examine the contribution of several variables to crash severity. Crash severity (the dependent variable) in this study was a dichotomous variable with two categories, fatal and non-fatal. Because of the binary nature of response, a logistic regression was found suitable (Al-Ghamdi, 2002).

An insight on statistical applications was provided in this study by evaluating three logistic regression models: multinomial logistic, partial proportional odds (PPO), and mixed logistic (ML) model (Qin, Wang, & Cutler, 2013b). The main objective of this study was to investigate the impact of key determinants of the severity of crashes involving large trucks and to investigate the relationship between the determinants. The models results indicated that the majority of coefficient estimates were consistent across the models studies.

SPATIAL-TEMPORAL ANALYSIS

Crash frequency is defined as the number of crashes occurring within a specific roadway segment during specific time. Multiple crashes occurred at the specific locations or at the same time period could be an indication of safety issue. Spatial and temporal visualization techniques have been used by different studies to improve safety on the roadways. This method investigates the interaction between the location of crashes and time of the crash occurrence. Analysis of spatial temporal analysis data can help by correlating crashes in time and location to uncover relationship between them (Shrestha, Miller, Zhu, & Zhao, 2013).

Terrill, Mashhadi, and Ksaibati used spatial-temporal analysis on a highway (I-25) in Wyoming. The result of this analysis indicated that highway patrol in Wyoming was not as active between midnight and 6:00 A.M., while there are a considerable number of crashes during this period. Recommendation based on this analysis was given to the highway patrol to allocate more resources on this route during this period (Terrill, Mashhadi, & Ksaibati, 2016).

Interstate highway crash injuries was studied during snow and non-snow for the same segments after controlling spatial and temporal variation (A. Khattak & Knapp, 2001). This research was based on the analysis of data set with significant spatial and temporal coverage, in which crashes and the injuries reported during winter snow hours. The results indicated that both non-injury and injury crash rates increased significantly during winter.

A spatio-temporal analysis was used with the objective of exploring the relationship between traffic congestion and road crashes (Wang, Quddus, & Ison, 2013). The hypothesis was that increased traffic congestion might be beneficial to road safety as the number of crashes would be less due to low average of drivers' speed. Based on the results, certain strategies were proposed to enhance traffic flow, which could be beneficial to both congestion and crash reduction.

Spatial and temporal visualization techniques for crash analysis was used to investigate the interaction between the locations of single vehicle crashes and the time they occurred (Plug, Xia, & Caulfield, 2011). Spider graphs were adopted to identify temporal patterns of crashes at two levels: weekly and daily. Kernel density estimation analysis was used to investigate the spatial structures of vehicles crashes. The result is an indication of significant differences in spatio-temporal patterns of single vehicle crashes for various crash causes.

Temporal-spatial patterns of crashes involving wild animals were analyzed by using geographic information system (GIS) and spatial statistics (Rodríguez-Morales, Díaz-Varela, & Marey-Pérez, 2013). The temporal analysis conducted at three scales, including daily, weekly and seasonal. Karnel density estimation used to map spatial arrangement of significant hotspots. The results had the potential to help the road managers to design the appropriate mitigation measures that will improve traffic safety.

DDACTS (Data Drive Approaches to Crime and Traffic Safety) was applied to help the law enforcement allocate their limited resources more efficiently by focusing their resources on the hazardous locations (Kuo, Lord, & Walden, 2013). This study was set forward to make a comparison between the dispatch time with police patrol routes, organized with hotspots, and without patrol routes. The results indicated that applying two patrol routes which was organized by connecting top 5 and top 10 hot spots of crash and crime data can save the police dispatch time by 17.5 percent and 43 percent respectively.

Spatiotemporal analysis of intra-urban crash data was presented (Soltani & Askari, 2014). The analysis focused at the identification of high-rate crash locations and areas with safety issues using Kernel estimation density method. The results could help the policy maker by giving them an insight into the most potentially crash prone roads.

CRASH HOT SPOTS ANALYSIS

This method was used by many studies to examine the density of crash locations on different segments of a route. Researchers used crash data analysis by the technique of special statistical mapping. A south Indian city was used as a case study (Prasannakumar, Vijith, Charutha, & Geetha, 2011) . The pattern of distribution of hotspots were examined with help of geo-information technology to bring out the impact of spatial and/or temporal factors in their formation. The recommendation was given to agencies for adopting better planning and management strategies to reduce crashes and improve traffic condition. Twelve hot spot analyses are discussed in the Highway Safety Manual (HSM). These techniques rank the sites with potential safety issues. The criteria for ranking the sites are as follows:

- Average crash frequency

- Crash Rate
- Relative severity index
- Critical crash rate
- Excess predicted crash frequency using method of moments
- Level of service of safety
- Excess predicted average crash frequency using Safety Performance Function (SPFs)
- Probability of specific crash types exceeding threshold proportion
- Excess proportion of specific crash types
- Expected average crash frequency with Empirical Bayes (EB) adjustment
- EPDO average crash frequency with EB adjustment
- Excess expected average crash frequency with EB adjustment

Road crash hotspots were profiled by Kernel density estimation and K-mean clustering (Anderson, 2009). Two methodologies were presented in this study: (1) a methodology using GIS and Kernel density estimation to investigate the spatial patterns of injury related road crashes, (2) creating a classification of road crash hotspots by clustering methodology and with the help of environmental data and results from the first section. Basic spatial unit of a crash hot spot was created by a Kernel density estimation map and disaggregating the map by cell density. Environmental data was then added to the hotspot cell. The clusters were discussed and evaluated based on the potential uses in road safety campaigning.

GIS-based spatial and temporal analysis of aging-involved crashes in Florida was investigated in this study (Vemulapalli, 2017). Different methods were employed in this research. Among the methods used in this study, a network distance-based kernel density estimation was identified as a very effective tool because it provided an unbiased distribution of the crashes. Results showed that high-risk locations for aging-involved crashes is an indication of different spatial and temporal patterns than those for other age group.

GIS-based crash referencing and analysis system for truck crashes was evaluated in this study (Harkey, 1999). The main objective of this study was to see if there are advantages to use a GIS-based crash study referencing system compared with the traditional databases that contain crash, roadway features and operations data files, and can be linked by location. Several advantages of a GIS over traditional databases were identified in this study. Some of the benefits are as follows:

1. Locational referencing: which is the capability of GIS to locate links and nodes of a roadway in two-dimensional coordinates.
2. Incorporation of nontraditional database: different databases, such as land use data, census data, and zoning ordinance data that are not used in crash analysis, used to search for possible relationships to crashes.
3. Visual analysis: one of the main advantages of GIS-based system is production of maps that can be used to assess the problem visually.

A study was set forward to develop a GIS-based truck accident information and management system (TAIMS) to help to identify factors and reduce the frequency and severity of truck crashes(Chien, Li, & Daniel, 2002). The objectives were to 1) construct a comprehensive GIS

database to depict study results in both graphical and tabular form, and 2) analyze the crash factors to find countermeasures with TAIMS application. The results indicated that TAIMS effectively combined electronic maps, traffic crash data, and roadway geometry data.
The development and testing of a new GIS application for analysis of crash was described in a report (Graettinger, Lindly, & Mistry, 2005). The main objective of this report was to map crashes and correlate them with different roadway features, such as bridges, crossroads, railroad grade crossings, etc. Spatial analyses were carried out on crash data that were mapped with the help of GIS application to identify hot spots at different locations. The route with the least impedance, in the form of crashes, was identified by the highway network analysis feature of GIS.

The association between driver characteristics and traffic crash involvement was examined by utilizing GIS technology (Abdel-Aty & As-Saidi, 2000). The main objective of this study was to identify segments with high crash rate and educating the drivers by improving their safety behaviors and enhancing their traffic safety knowledge.

CHAPTER SUMMARY

This chapter contained a review of literature pertaining to impacts of different contributory and preventive factors on truck related crashes. It also discussed different methods used to investigate different contributory factors. This chapter discussed the responsibilities of different organizations being in charge of truck safety in the state as well.

CHAPTER 3. METHODOLOGY

STUDY PLAN

This chapter summarizes methodologies taken to fulfill the objectives of this study. This chapter begins with data analysis. Data analysis includes different methods used to investigate various characteristic of crash and citation data (descriptive analysis), the interaction between the location of truck related crashes and time of the truck crash occurrence (spatial temporal analysis), and different statistical models used to explore correlations between citations issued and truck crashes. It also includes several contributory factors to truck-related crashes. Lastly, this chapter contains a section presenting the methodology used for making maps to show the density of truck crashes and citation locations on different segments of the routes under this study. The proposed methodology is described graphically in Figure 2.

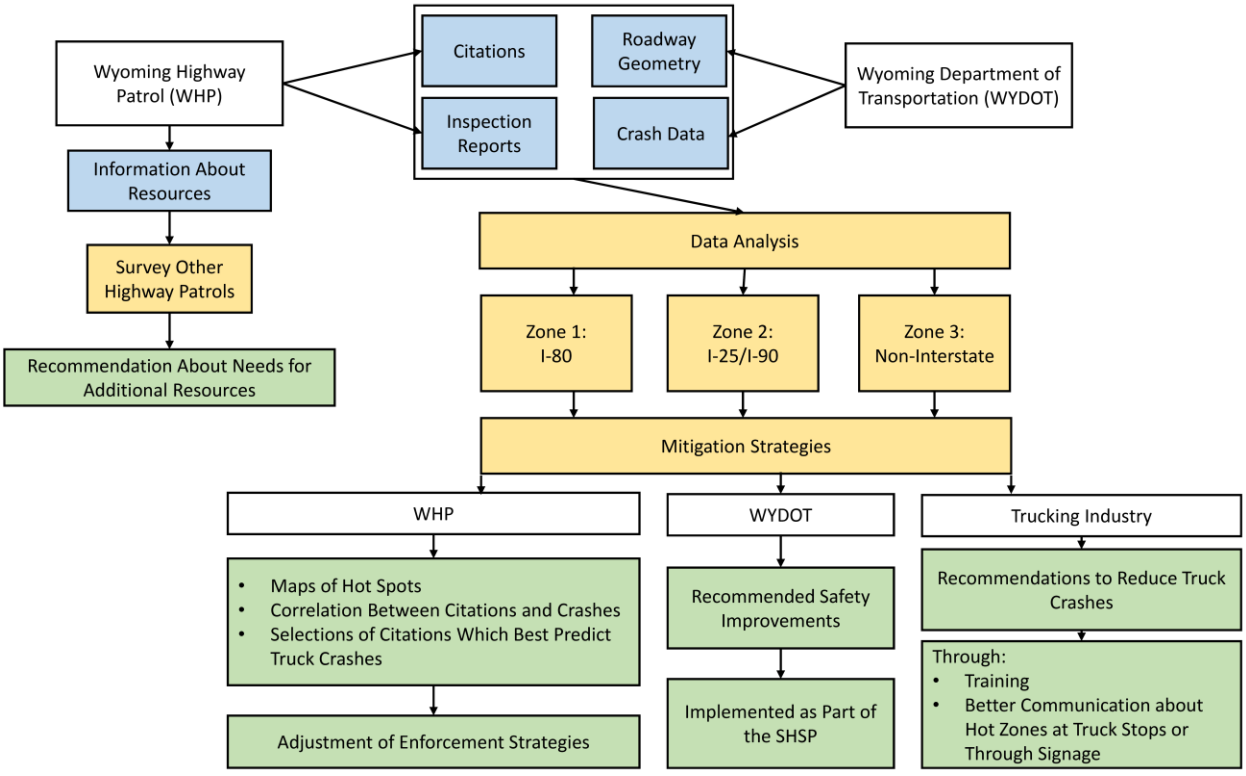


Figure 2. Research Methodology and Projected Outcome

DATA ANALYSIS

The following section will detail the data analysis of this study.

Descriptive Analysis

Descriptive analyses of crash and citation data are obtained to describe the basic features of the truck crash and citation data in this study. They help the policy makers with quantitative descriptions of the data in a manageable form. This section includes monthly variation of citation and crashes. Driver action and driver citation on the routes under this study are also presented graphically. The comparison is made between driver actions in a crash, to citations issued. This helps to see if citation types issued are based on the causes of truck related crashes. The variables for commercial motor vehicles are presented in Table 3.

Table 3. Variables in CARE for CMV Crashes

Variables in CARE	
CMV Driver Action	**CMV Driver Citation**
Disregarded Traffic Signs	Disregard Stop Light
Disregard Stop Sign	
Erratic or Reckless or Careless or Aggressive	Careless
Legacy - Reckless or Careless Driving	
Failed to Yield ROW	Failed to Grant ROW to MV
Failed to Grant ROW to Ped	
Drove too Fast for Conditions	Speed too Fast
Following too Close	Following too Close
Improper Backing	Improper Backing
Improper Parking	Improper Parking
Improper Passing	Improper Passing
Improper Turn or No Signal	Improper or No Signal
Improper Turn	
Speeding	Exceeding Speed Limit
Wrong Side or Wrong Way	Wrong Side of Road

Various causal factors of truck related crashes are also studied such as vehicle type, first harmful event, weather and roadway conditions, driver impairment, driver at fault speed limit and state in which driver's license issued.

Spatial Temporal Analysis

Spatial and temporal visualization techniques for truck crashes is essential for improving safety on the roads. This method was used in this study to investigate the interaction between the location of truck related crashes and time of the truck crash occurrence. The application of spatial temporal analysis will help to identify the pattern of truck crashes in Wyoming during a four-year period. It also helps to identify the enforcement pattern on the routes under this study. By overlapping the two spatial temporal analysis, the comparison can be made to see if highway patrol allocate their resources at the truck crash prone areas. For this analysis, two types of figures are presented for each route under this study. The first figure is related to truck related crashes. A cell with red color is an indication a location in the specified time and milepost has a concerning number of truck related crashes and that cell needs more attention. On the other hand,

red cells in the citation figure is an indication that WHP allocated most of their resources in the specified milepost and time. These figures can help WHP to allocate their resources at red cells in truck related crash figures and to make sure the red cells in citation figures overlap with red cells in truck related crash figures.

Statistical Modeling

Different types of statistical modeling were used in this study to establish the relationship between response as a truck crash and different explanatory variables, such as traffic, enforcement, average annual daily traffic (AADT) and geometry variables. The establishment of this relationship will help the Wyoming policy makers to prioritize their resources and projects to fit the need of the roadway safety. A logistic regression model was used on I-80 to compare the risk of severe truck crashes versus PDO truck crashes, intended to give safety improvement recommendations to WYDOT to be implemented in SHSP. The logistic regression model is also used to compare the risk of getting involved in truck crashes in severe weather conditions, compared with non-truck crashes in the routes under this study. In order to model the relationship between a dependent variable (truck crashes) and explanatory variables (traffic, geometry and citation), based on the distribution of the data, negative binomial or linear regression models (OLS) are used. The appropriateness of the OLS model is assessed by examining residual plots and using the Shapiro-Wilk test. Two types of modeling, based on temporal or spatial scales, are carried out to investigate the impact of different explanatory variable. Truck related crashes and citation data were grouped on a monthly scale in a temporal analysis. Because geometry variables are constant, on a temporal analysis, and in order to explore the impact of different geometry variables along each route spatial analysis with fix segmentation is employed. This analysis also helps to investigate the impact of variation of AADT and enforcement on a spatial scale.

CRASH HOT SPOT ANALYSIS

GIS maps are developed for crash locations and citation locations. From these maps, more refined analysis and maps are performed to study hot spots. This method is used to examine the density of truck crashes and enforcement distribution on different segments of the routes under this study. ArcGIS is used to produce maps that can be used to assess the truck crash prone locations visually. Color coded maps are developed to clearly identify troubled locations. Such maps provide enforcement organizations in Wyoming with valuable information to identify where to concentrate their enforcement and inspection efforts. Two types of geographical maps are presented for each route under this study. The first type of geographical map is for truck related crashes. The routes in each zone were divided into green sections, which represent the lowest number of truck crashes and red sections representing the truck crash prone areas. The second type of geographical map is related to traffic enforcement. Each map signifies the number of traffic citations over a four year period. Green segments represent the sections witch received insignificant number of traffic enforcement while the red sections represented the segments in which WHP allocate their resources. It is worthwhile to mention that crash is normalized to justify the comparison. These analyses can help WHP allocate their resources to the red locations with high number of truck related crashes and to make sure that red locations on citation maps are overlapped with red locations on truck crash maps.

ENFORCEMENT

Data is collected from the states with higher and lower funding contribution levels than Wyoming to determine if higher contribution levels would result in a higher level of safety and reduction in truck crashes. North Dakota is also included in this study due to the similarity between that state and Wyoming. A comparison is made between Wyoming and its surrounding states regarding resources, such as number of officers, percent of time spent patrolling, performing inspections, and issuing citations.

CHAPTER SUMMARY

This chapter set forth the techniques used to fulfill the objectives of this study. Descriptive analyses of crash and citation data of the routes are obtained to describe the basic features of the truck crash and citation data in this study. This chapter discussed three types of modeling analyses used in this study such as OLS, negative binomial, and logistic regression model. It also goes over two graphical methods, spatial temporal and GIS methods used to evaluate truck crash and traffic enforcement along each route visually. The method used to compare enforcement contribution in Wyoming and the state surrounding this state was explained in this chapter.

CHAPTER 4. DATA COLLECTION

STUDY AREA

Three zones are included in this study. Zone one includes Interstate 80, zone two includes Interstates 25/90, and zone three includes three state highways that have high truck traffic such as Wyoming Highway 59, U.S. Highway 30, and U.S. 26. These highways were identified in coordination with WYDOT and the WHP. The routes under the study are presented in Figure 3.

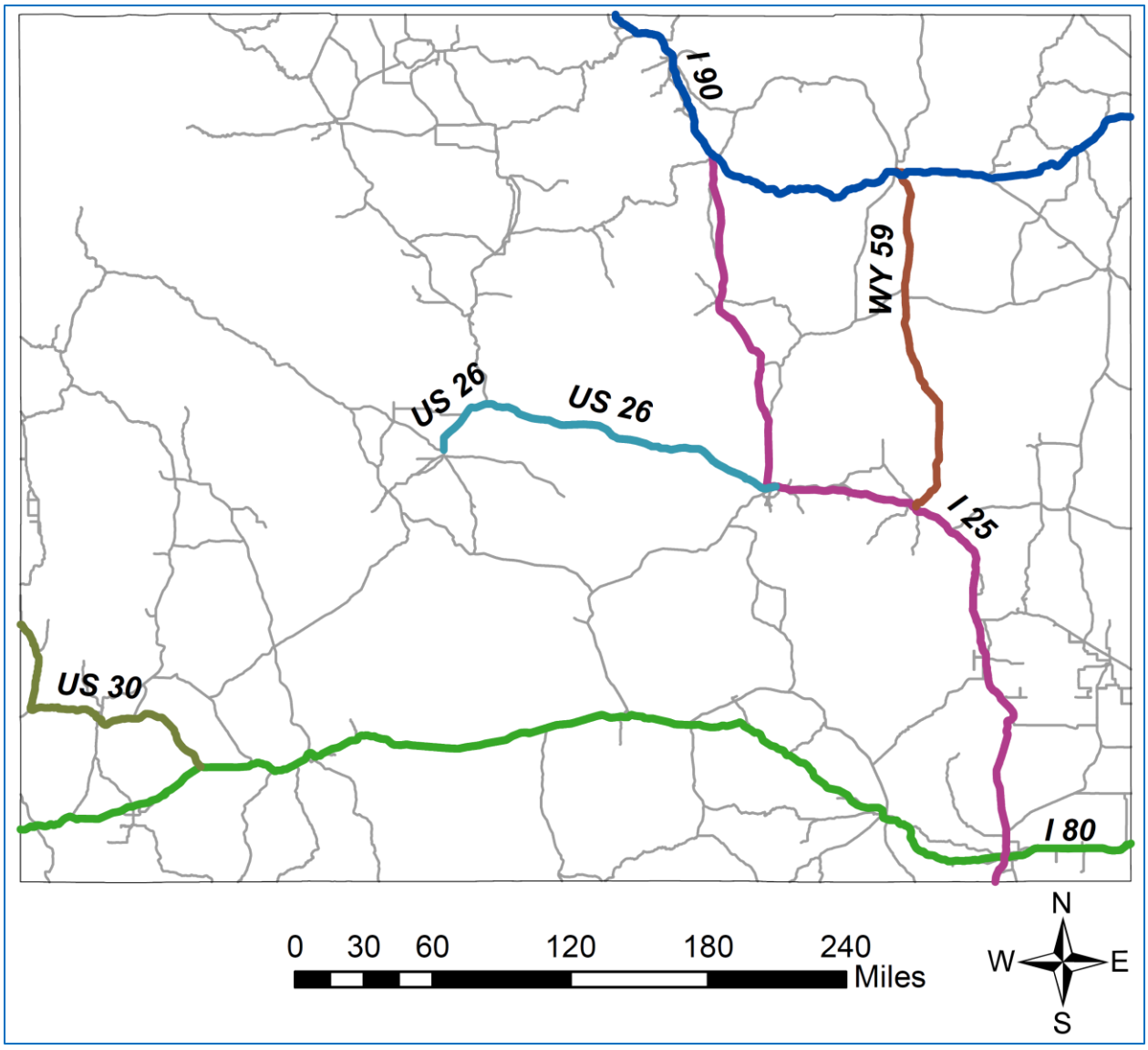


Figure 3. Study Zones

The Wyoming maintenance section reference book was also used to identify the new ML number and locations of the routes. The old and new system numbers of the routes under this study and their milepost information are presented in Table 4.

Table 4. The Study Area Based on Old System and New ML Number

New ML number	Old system	Beg MP	End MP	Length
ML80B	I 80	0	402.78	402.78
ML90B	I 90	0	207.14	207.14
ML25B	I 25	0	300.55	300.55
ML12B	US 30	0	100.03	100.03
ML34B	US 26	0	100.04	100.04
ML20B	US 26	105.17	127.3	22.13
ML43B	WY 59	0	115	115

CRASH DATA

Crash data was obtained from the Wyoming Department of Transportation (WYDOT) through the Critical Analysis Reporting Environment (CARE) package. CARE package includes different types of information such as, age of a person involved in a crash, time and mileage of the occurred crash, and type of vehicle involved in a crash. Appendix 1 provides the form to report the traffic crashes in Wyoming. A sample crash dataset is provided in Appendix 2. The crash data obtained from the CARE package was filtered to include truck related crashes only over a four year period from 2011 to 2014. Truck crashes in the CARE package were categorized into light trucks with gross weight of less than 10,000 pounds, medium trucks with a gross weight between 10,000 and 26,000 pounds, and heavy trucks with a gross weight of greater than 26,000 pounds. A truck crash in this study was defined as any crash with an involvement of at least one vehicle involved considered as a light, medium or heavy truck.

CITATION DATA

The traffic citation data was obtained from the Supreme Court containing information on citation date and time, location, citation type, direction of travel, route information, vehicle details (make, model, year, type and license plate state), and driver details (sex, race, ethnicity, date of birth and driver license state) for each violation. A sample citation dataset is provided in Appendix 3. In the citation dataset, there were more than 1,000 different types of citations from 2011 to 2014. These citations were categorized into nine groups including speeding, seat belt, crash predictors, DUI, red flag (RF), vehicle related, weight related, length related and others violation. Crash predictor and red flag citations were categories based on the information provided by Weber and Murray (2014) in the American Transportation Research Institute (ATRI) report.

Crash predictor violations include citations that increase the risk of getting involved in a crash, such as reckless driving or improper lane change. Other types of citations contributed to crashes were added to this category as well. The Red Flag category generally includes citations related to a commercial vehicle being declared out of service (OOS), or violations related to a commercial driver license, such as driving without a commercial license. Commercial driver in possession or under the influence (DUI) of drugs or alcohol were categorized under red flag in the ATRI report as well, but due to the importance of DUIs, this category was evaluated under a DUI category separately. A vehicle-related citation is a citation related to commercial vehicle maintenance. Weight and length related violations are violations related to inspection of commercial vehicles when they are overweight or oversize. Hours of service (HOS) violations include violations when a commercial motor vehicle driver violates the allowed hours of driving a truck, (considered to be 14 consecutive hours), or violated off duty time for 10 consecutive hours. Driving under influence includes driving under the influence of alcohol or a controlled substance. If a violation did not belong to any of these groups, it was grouped under the others violation category.

TRAFFIC DATA

Traffic data was obtained from WYDOT through the automatic traffic recorder report for a four-year period, from 2011 to 2014. There are 172 traffic-monitoring sites located in Wyoming. These locations have been selected because they reflect certain traffic characteristics. A list of stations, locations, routes, time, and mileposts are presented in the report (see Appendix 4). The monthly average daily traffic (MADT) for different mileposts were used in this study.

GEOMETRY DATA

Geometry characteristic of the routes under this study were obtained from WYDOT (see Appendix 5 and 6). Two geometry databases were aggregated to make the geometry variables used in this study. The two databases included horizontal and vertical geometry characteristics. Geometry characteristics were constant for the analysis on a monthly scale. However, spatial analysis was used to analyze geometry characteristics of the routes under the study. The geometry characteristics included in the analysis are presented in Table 5.

Table 5. Different Geometry Characteristics Included in the Analysis

Horizontal Curve Characteristics	Vertical Curve Characteristics
Average of Radios	Sum of Length, Crust Curve
Average Of Delta	Sum of Length, Sag Curve
Sum of Length, Horizontal Curve	Average of Algebraic Difference, Sag Curve
Number of Horizontal Curve	Average of Algebraic Difference, Crest Curve

ENFORCEMENT DATA - A COMPARISON BETWEEN WYOMING AND SURROUNDING STATES

Different organizations are in charge of highway enforcement in the states surrounding Wyoming (see Table 6). The questions were sent to the highway patrols to determine if highway patrol efforts in some states are more effective at mitigating crashes.
Annual enforcement budget, number of sworn patrol officers and percent time patrolling were considered for the comparison between the states to see if higher funding contributing levels can result in higher level of safety and reduction in truck crashes. . In order to make a comparison, different variables such as vehicle mile travel, miles of highways and population were used to normalize and compare the data.

Table 6. Highway Patrol Considered in this Study

States Considered in the Comparison	Highway Patrol in Charge of Enforcement
Wyoming	Wyoming Highway Patrol
Nebraska	Nebraska State Patrol
South Dakota	South Dakota Highway Patrol
Colorado	Colorado State Police
Idaho	Idaho State Police
Utah	Utah Dept. of Public Safety
Montana	Montana Highway Patrol
North Dakota	North Dakota State Highway Patrol

CHAPTER SUMMARY

This chapter detailed the study area, and designated the three zones included in this research. It also detailed the process of collection regarding the crash data, citation data, traffic data, and geometry data.

CHAPTER 5. DESCRIPTIVE ANALYSIS OF TRUCK CRASHES AND CITATIONS

INTRODUCTION

This section may help the policy makers with quantitative descriptions of the data in a manageable form. This section captures monthly and yearly variation of citation and crashes. Driver action and driver citation on the routes under this study would also be presented graphically. Various causal factors will be studied such as vehicle type, first harmful event, weather, roadway conditions, driver impairment, speed, and state driver's license issued.

ZONE 1

A descriptive analysis was performed on each of the three zones within the study. This section describes the data analysis performed on zone one, including I-80 eastbound and westbound lanes.

Interstate 80

Figure 4 presents the monthly variation of truck crashes and traffic citations over a four-year period from 2011 to 2014. Figure 4 presents data for the eastbound lanes only. Figure 5 displays the same information as Figure 4, except it includes data regarding only the westbound lanes. The traffic citations include citations given to all vehicles, not just commercial vehicles. Including all citation data was a better representation of where there were higher points of enforcement. Both figures concluded when there was a lower amount of truck crashes, there was a higher amount of traffic citations issued. For example in Figure 4, in 2011 the traffic citations increased in March through September, while the truck cashes were at the lowest points of the year. This same pattern was found in the following three years, as well as in the westbound lanes in Figure 5.

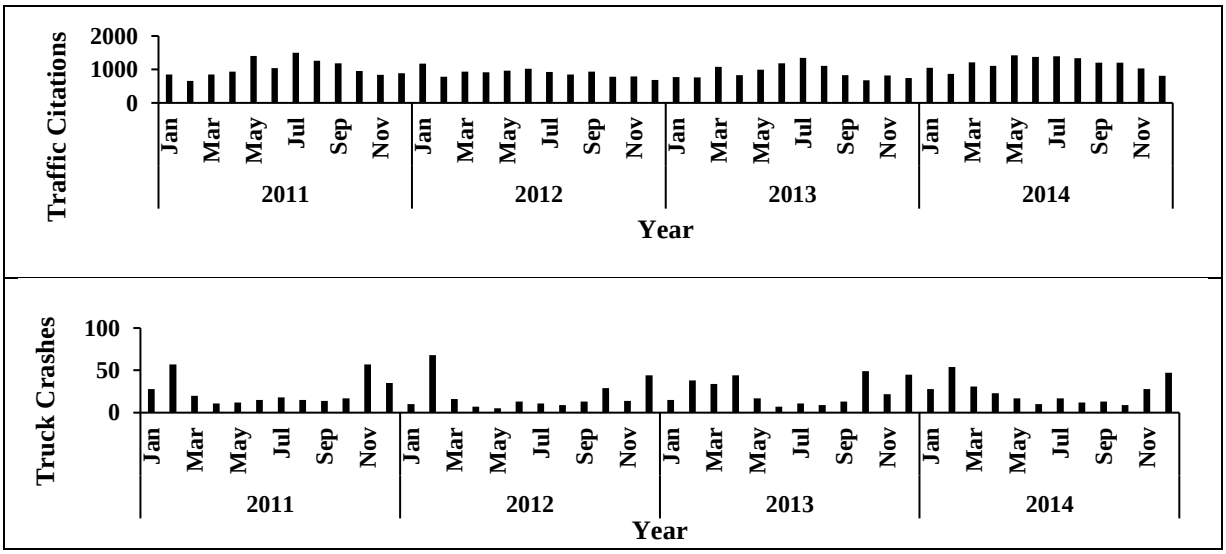


Figure 4. Monthly Variation of Truck Crashes and Citation on I-80 East, 2011 – 2014

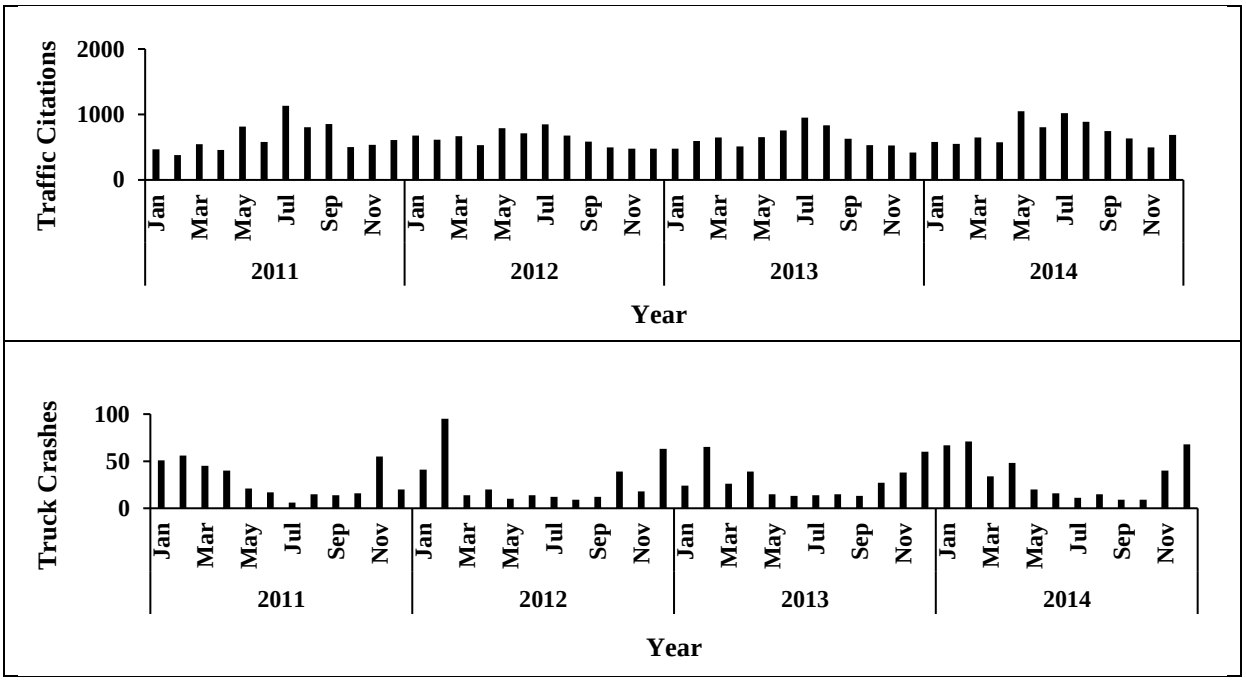
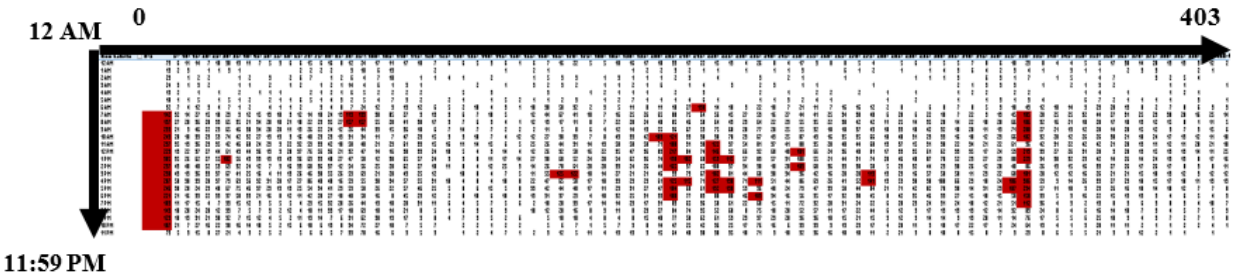


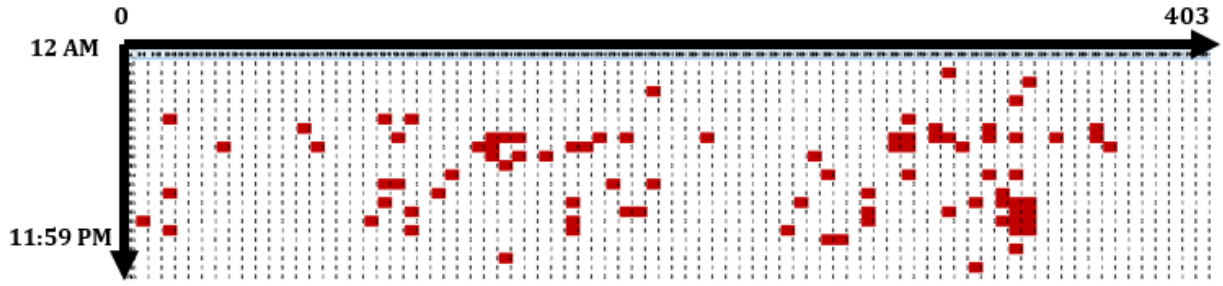
Figure 5. Monthly Variation of Truck Crashes and Citations on I-80 West, 2011 – 2014

Spatial temporal analysis for I-80 eastbound is presented in Figure 6. Legible figures of the spatial temporal analysis can be found in Appendix 8. The purpose of this analysis is to clarify the benefit of using spatial temporal analysis in helping WHP to identify locations where they need to allocate their resources and to investigate whether the WHP was allocating their resources at the locations with high crash frequency or not. Four years of available crash and citation data were used in this analysis on route I-80 from 2011 to 2014. Figure 6a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 6b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations. This data is also broken down based on the time of day the crash occurred. As can be seen from Figure 6a, WHP allocated most of their enforcement resources on I-80 east at the locations highlighted in red. As can be observed from Figure 6b, WHP allocated their resources at the locations with higher concentration of crashes.

Spatial temporal analysis for I-80 westbound is presented in Figure 7. Figure 7a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 7b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations.

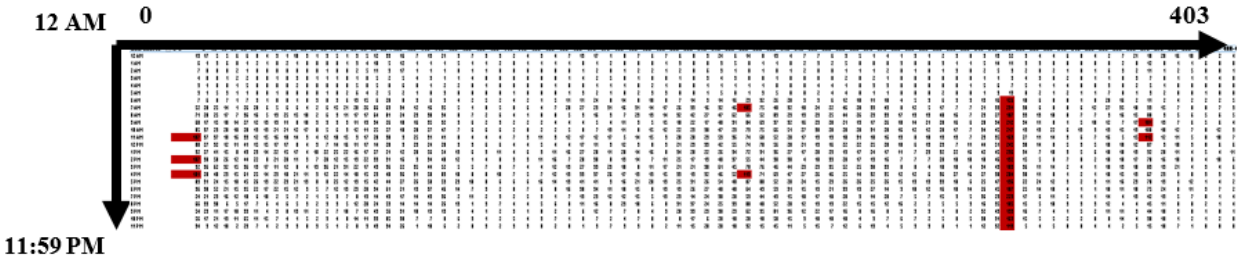


a. Citations greater than 100

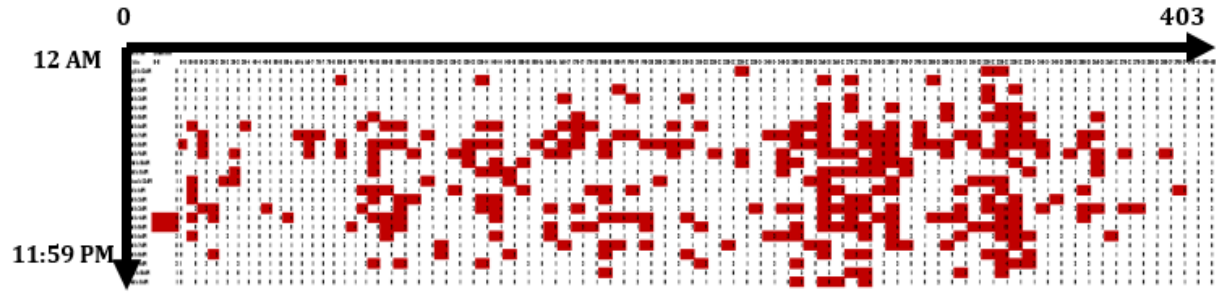


b. Three or more truck crashes

Figure 6. Spatial-Temporal Analysis of I-80 East



a. Citations Greater than 100



b. Three or more truck crashes

Figure 7. Spatial-Temporal Analysis of I-80 West

The type of citations issued over a four-year period, from 2011 to 2014, on I-80 east and westbound are presented in Table 7. More than a thousand different citation types used in this study were categorized into 10 groups including speeding, seat belt, crash predictor, driving under influence (DUI), Hours of Service(HOS), weight related, length related, red flag, and other vehicle related violations. Citations related to a speeding violation were issued the most on I-80 from 2011 to 2014.

Table 7: Summary of Types of Citations on I-80, 2011 - 2014

Types of Traffic Violations	2011	2012	2013	2014
Speeding	14,016	12,624	12,484	15,078
Seat belt	1,136	1,077	1,194	1,642
Crash predictor	908	867	962	1,207
Vehicle related	781	681	677	730
DUI	326	309	434	362
Overdrive violation	108	96	123	90
Weight related	79	84	116	95
Length related	20	56	48	71
Red flag violation	25	24	23	39
Others	2,777	2,658	2,794	3,453
Total	**20,176**	**18,476**	**18,855**	**22,767**

Figure 8 presents the percentage of distribution of traffic citations on I-80 from 2011 - 2014. Citations regarding speeding (67 percent) were significantly issued more than any other citation. Figure 9 presents the driver action in the truck crashes analyzed on I-80. Driving too fast for conditions was the leading driver action in truck related crashes on I-80 at 29 percent. The figure shows 26 percent of drivers were not improperly driving at the time of the crash, while 13 percent of drivers failed to keep the proper lane at the time of the crash. Speeding was the least involved driver action involved at the time of the truck crash. From Figure 8 and Figure 9, it can be concluded that issuing more speeding violations during adverse weather conditions may be effective in preventing truck crashes related to speeding.

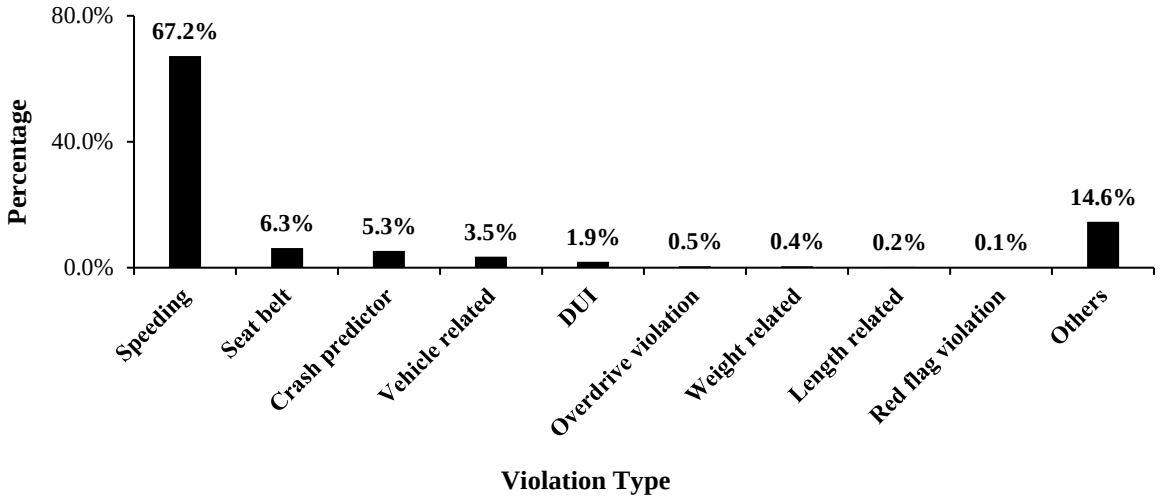


Figure 8. Distribution of Traffic Violations on I-80, 2011 - 2014

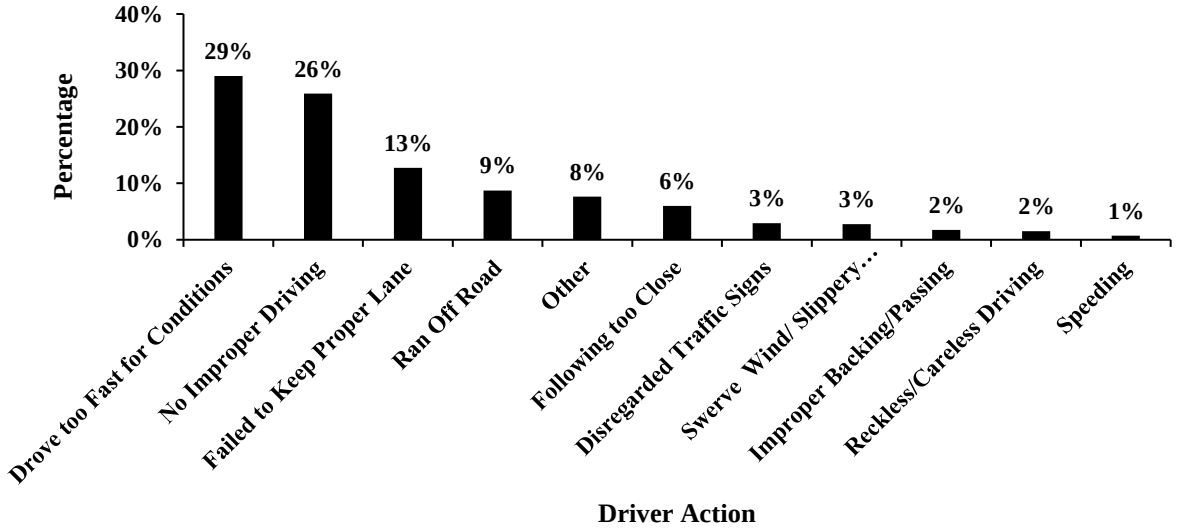


Figure 9. Driver Action in Truck-involved Crashes on I-80, 2011 - 2014

The summary of truck crashes and citations on I-80 from 2011 to 2014 are presented in Table 8, while a summary of truck crash rates and citation rates per 100 million vehicle miles traveled on I-80 from 2011 to 2014 are presented in Table 9. The route is separated by direction of travel in each table. I-80 eastbound was experiencing more citations being issued per 100 million vehicle-miles traveled than I-80 westbound, while I-80 westbound experienced a higher amount of truck crashes per 100 million vehicle miles traveled than I-80 eastbound.

Table 8: Summary of Crashes and Citations on I-80, 2011 to 2014

Year & Direction of Travel	Citations				Crashes			
	Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
	Count	%	Count	%	Count	%	Count	%
2011	**14,016**		**6,166**		**655**		**1,017**	
East	8,836	63%	3,506	57%	299	46%	491	48%
West	5,180	37%	2,660	43%	356	54%	526	52%
2012	**12,624**		**5,853**		**586**		**812**	
East	7,572	60%	3,199	55%	239	41%	382	47%
West	5,052	40%	2,654	45%	347	59%	430	53%
2013	**12,484**		**6,374**		**653**		**876**	
East	7,678	62%	3,487	55%	304	47%	441	50%
West	4,806	38%	2,887	45%	349	53%	435	50%
2014	**15,078**		**7,692**		**697**		**889**	
East	9,629	64%	4,381	57%	289	41%	467	53%
West	5,449	36%	3,311	43%	408	59%	422	47%

Table 9: Summary of Crash Rate and Citation Rate on I-80, 2011 to 2014

Year & Direction of Travel	AADT	Citations				Crashes			
		Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
		Count	Rate	Count	Rate	Count	Rate	Count	Rate
2011	**11,668**	**14,016**	**819**	**6,166**	**360**	**655**	**38**	**1,017**	**59**
East	5,834	8,836	1,032	3,506	410	299	35	491	57
West	5,834	5,180	605	2,660	311	356	42	526	61
2012	**12,227**	**12,624**	**704**	**5,853**	**326**	**586**	**33**	**812**	**45**
East	6,113	7,572	844	3,199	357	239	27	382	43
West	6,114	5,052	563	2,654	296	347	39	430	48
2013	**12,885**	**12,484**	**660**	**6,374**	**337**	**653**	**35**	**876**	**46**
East	6,443	7,678	812	3,487	369	304	32	441	47
West	6,442	4,806	508	2,887	305	349	37	435	46
2014	**12,470**	**15,078**	**824**	**7,692**	**420**	**697**	**38**	**889**	**49**
East	6,235	9,629	1,053	4,381	479	289	32	467	51
West	6,235	5,449	596	3,311	362	408	45	422	46

Figure 10 presents the amount of drivers licensed in each states that were involved in truck-crashes or traffic citations on I-80 from 2011 to 2014. More Wyoming licensed drivers were issued a citation on I-80 than any other license from another state. California had more licensed drivers involved in a truck crash on I-80 than any other driver licensed from another state. Wyoming had the second highest amount of licensed drivers involved in a truck crash, closely

followed by Utah and Colorado. Utah and Colorado had the second and third highest amount of licensed drivers issued a citation on I-80 over the four-year period.

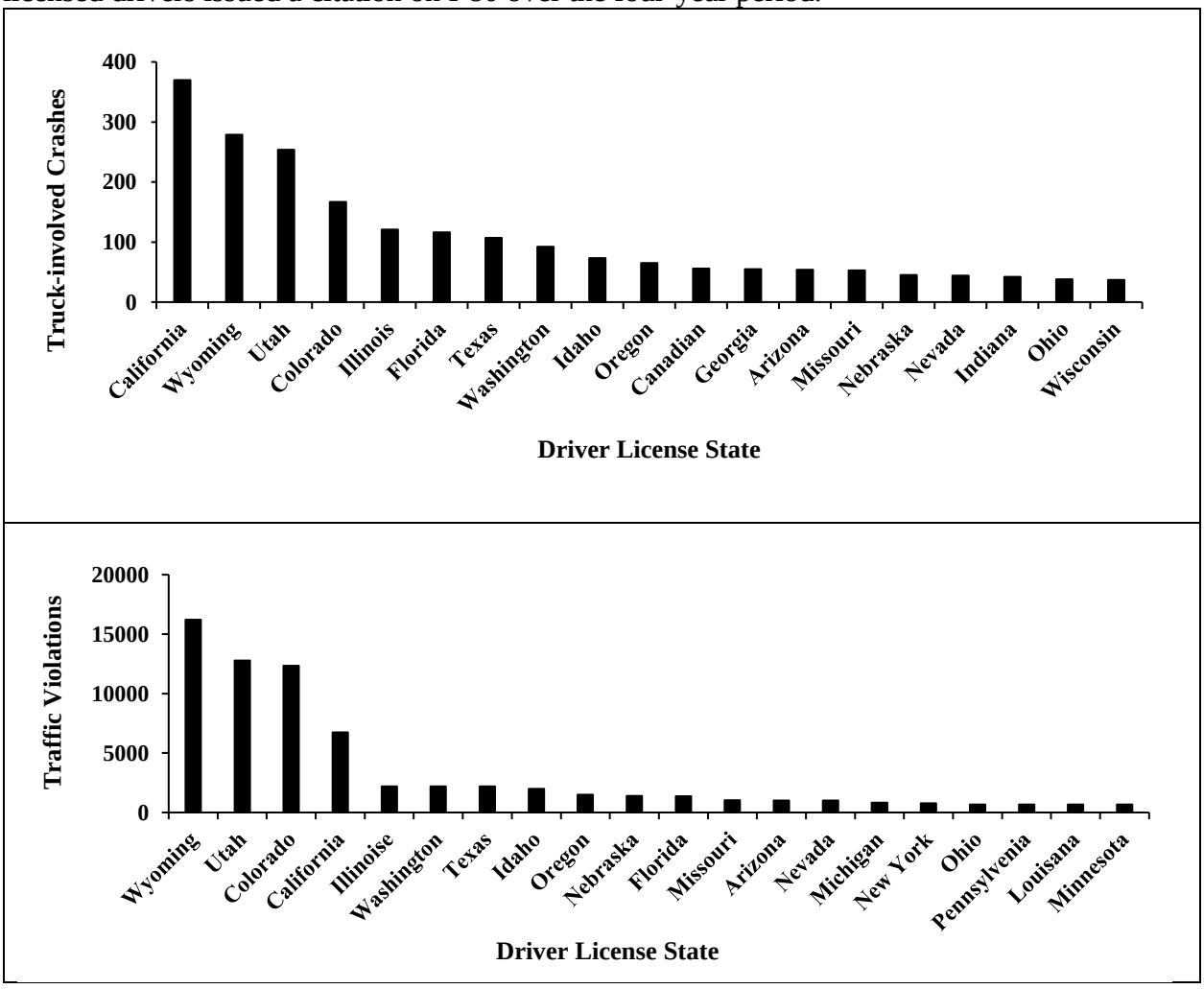


Figure 10. Truck-involved Crashes and Traffic Violations by Licensed Driver on I-80, 2011-2014

Figure 11 presents the time distribution of truck-involved crashes and citations on I-80 from 2011 – 2014. Around 9:00 AM, it can be seen that the amount of traffic violations began to increase, while the amount of truck-involved crashes began to decline. It should be noted there were not any citations issued from 12:00 A.M. to 6:00 A.M., while there is a considerable number of crashes that occurred during this time.

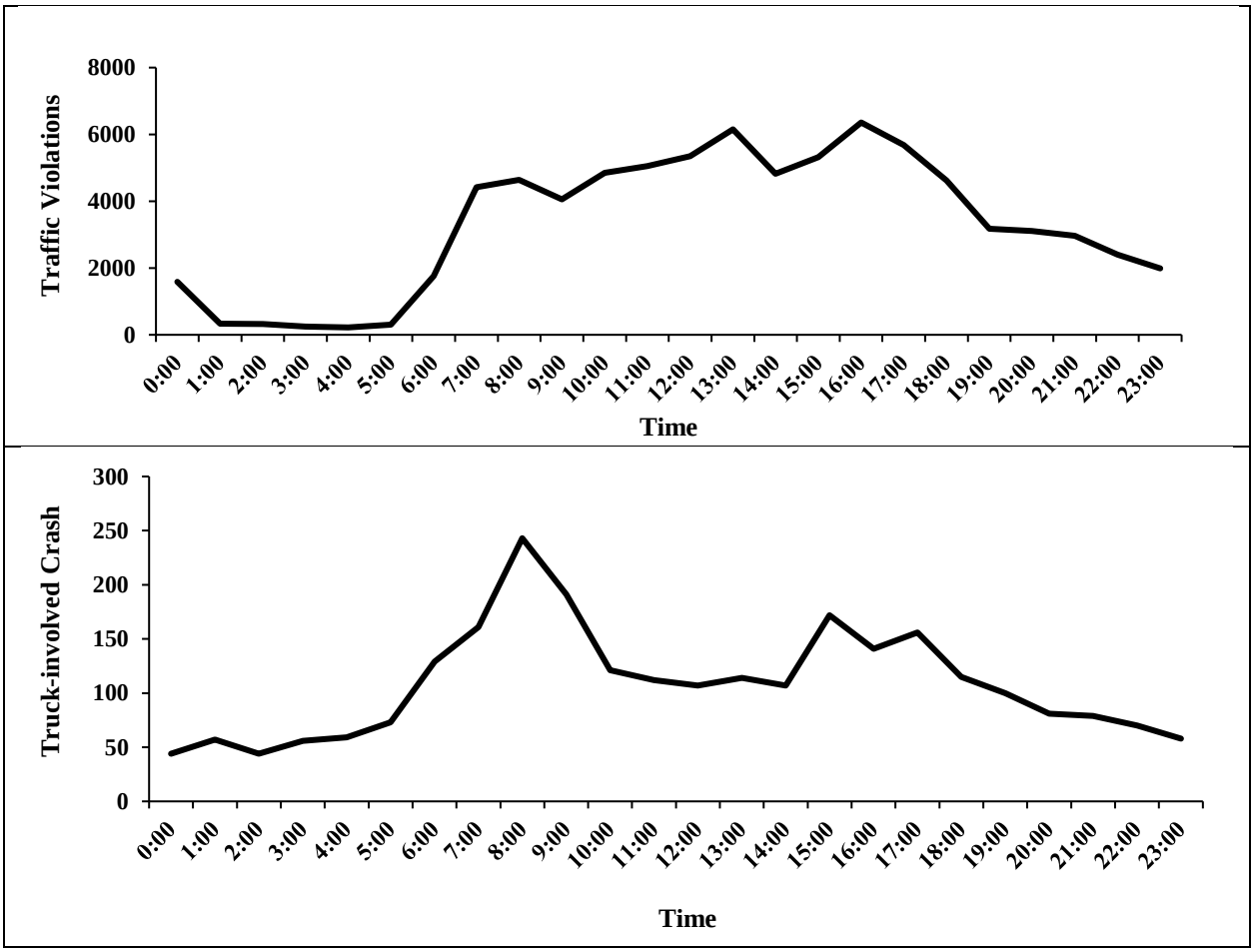
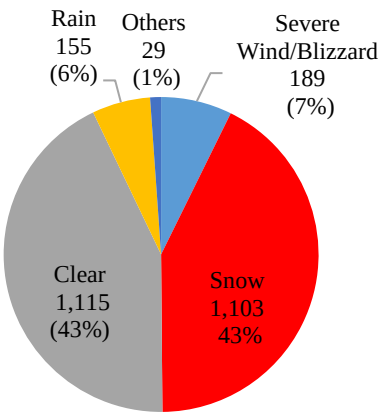
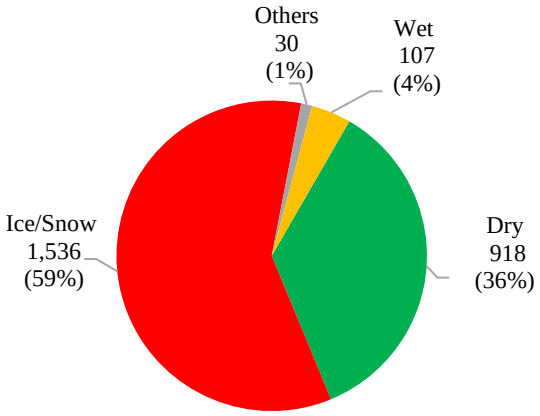


Figure 11. Truck-involved Crashes and Citations Time Distribution on I-80, 2011-2014

The weather and road conditions that occurred during truck-involved crashes on I-80 from 2011 to 2014 are presented in pie charts in Figure 12. From this figure, it can be seen that 43 percent of truck-involved crashes on I-80 occurred during snowy conditions, while 59 percent of truck-involved crashes occurred when road conditions were icy or snowy.



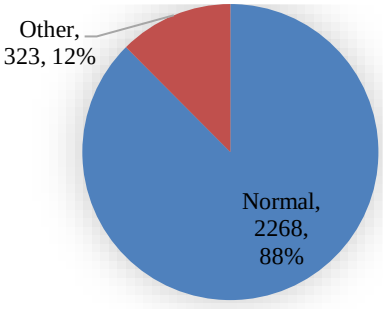
(a)
Weather Condition, Truck-involved Crashes



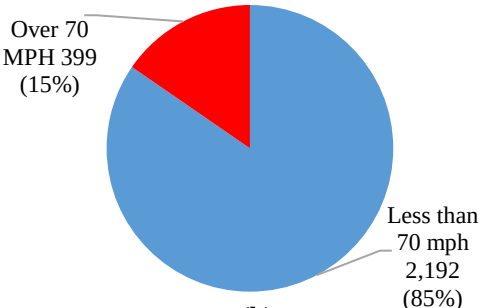
(b)
Road Condition, Truck-involved Crashes

Figure 12. Weather and Road Condition in Truck-involved Crashes, 2011-2014

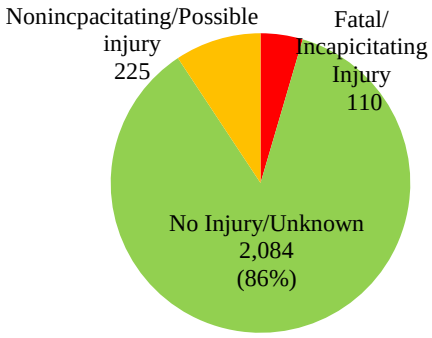
Figure 13 presents information on the different characteristics of the truck-involved crashes on I-80 from 2011 to 2014. Driver impairment, speed of the driver at fault, crash severity, first harmful event, truck type, and the truck involvement information are presented as pie charts. Twelve percent of the truck-involved crashes on I-80 involved an impaired driver under the influence of drugs and alcohol. The driver at fault traveling faster than 70 mph accounted for 15 percent of the truck related crashes on I-80. Colliding with another motor vehicle in transport accounted for 42 percent of the first harmful events involved in truck related crashes. Thirty eight percent of the crashes involved with trucks involved a jackknife maneuver or overturn. Considering crash severity, 86 percent of the truck-involved crashes resulted in no injury, or an unknown case. The analysis of the type of truck-involved in a crash on I-80 revealed that 93 percent of the crashes involved a heavy truck. Only 20 percent of truck crashes were not caused by truck, while 51 percent of the crashes found a single truck crash at fault.



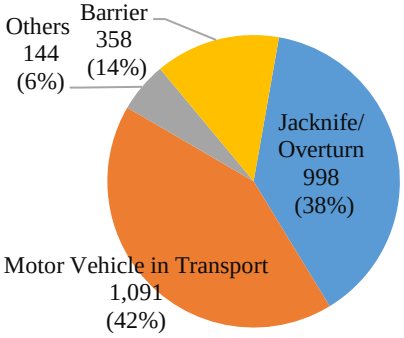
(a)
Driver Impairment, Truck-involved Crashes



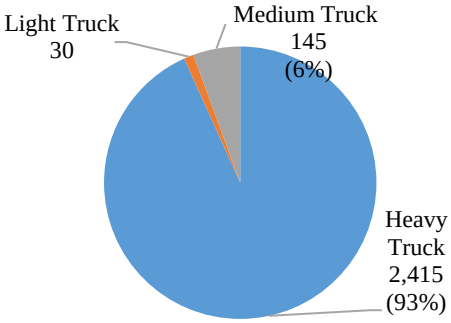
(b)
Driver at Fault Speed, Truck-involved Crashes



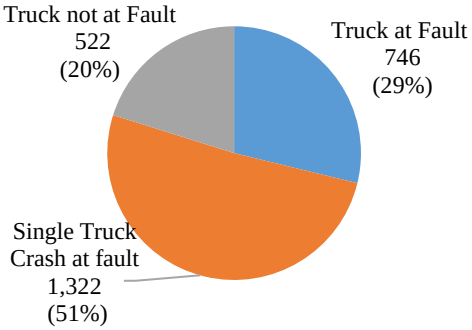
(c)
Crash Severity, Truck-involved Crashes



(d)
First Harmful Event, Truck-involved Crashes



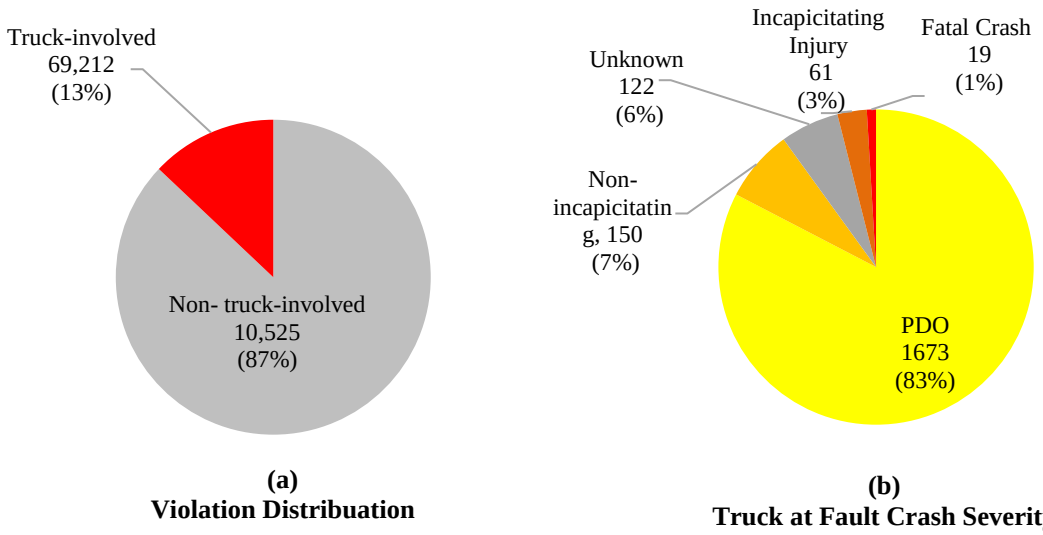
(e)
Truck Types, Truck-involved crashes



(f)
Truck Involvement in Truck Crashes

Figure 13. Different Characteristics of Truck-involved Crashes, 2011-2014

Figure 14 presents the crash severity of truck-involved crashes on I-80 when the truck driver was at fault, as well as the violation distribution between truck-involved crashes and non-truck-involved crashes. Thirteen percent of the violations were issued to a truck on I-80. When the truck driver was at fault of the crash, 83 percent of the crashes resulted in property damage only, while 4 percent resulted in an incapacitating or fatal injury.



(a)
Violation Distribuation

(b)
Truck at Fault Crash Severity

Figure 14. Crash Severity When Truck at Fault and Violations, 2011-2014

Error! Not a valid bookmark self-reference. presents the summary statistics of the truck at fault crashes on I-80 from 2011 to 2014. This table presented crash information regarding driver gender, driver behavior, safety equipment used, posted speed, driver residency, number of vehicles involved, crash severity, and truck violation type.

Table 10. Summary Statistics of Truck at Fault Crashes on I-80, 2011-2014

Truck crashes			
Variable name		**Number**	**%**
Gender	Male	1,917	95
	Female	108	5
Residency	Resident of Wyoming	100	5
	Non resident	1,925	95
Crash characteristics	Single vehicle	1,316	65
	Multiple vehicle	709	35
	Front crash	668	33
	Over turn crash	425	21
Driver ejection	CMV Driver is ejected at the crash scene	48	2.3
Driver behavior	suspicion of DUI	10	1
	Fatigued	84	4
Posted speed limit	Less than 65	693	34
	Greater than 65	1,332	66
Violation record	CMV driver received 1 or less ticket in the past	1,977	98
	CMV driver received more than 1 violation	48	2
Safety equipment in use	No safety equipment used	39	2
	Some types of safety such shoulder or lap belt	1,986	98
Distraction at the time of crash	CMV driver had some distraction at the time of	547	27
	CMV driver had no distraction at the time of	1,478	73
Crash severity	Property Damage Only(PDO)	1,673	83
	Injury /fatality	352	17
Truck violation			
Violation Type	Speeding	2,800	26
	Vehicle related	2,711	25
	Crash predictor	1,454	14
	HOS violation	385	4
	Seat belt	277	3
	DUI	123	1
	Red flag violation	96	1
	Others	2,815	26
Driver demographic	Male	10,335	97
	Female	326	3
Residency	Resident of Wyoming	783	7
	Non resident	9,878	93

ZONE 2

A descriptive analysis was performed on each of the three zones within the study. This section describes the data analysis performed on zone two, including I-25 northbound and southbound lanes, as well as I-90 northbound and southbound lanes.

Interstate 25

Figure 15 presents the monthly variation of truck crashes and traffic citations over a four-year period from 2011 to 2014. Figure 15 presents data for the northbound lanes only.

Figure 16 displays the same information as Figure 15, except it includes data regarding only the southbound lanes. The traffic citations include citations given to all vehicles, not just commercial vehicles. Including all citation data was a better representation of where there were higher points of enforcement. Both figures concluded when there was a lower amount of truck crashes, there was a higher amount of traffic citations issued. For example in Figure 15, in 2011 the traffic citations increased in March through September, while the truck cashes were at the lowest points of the year. This same pattern was found in the following three years, as well as in the southbound lanes in
Figure 16.

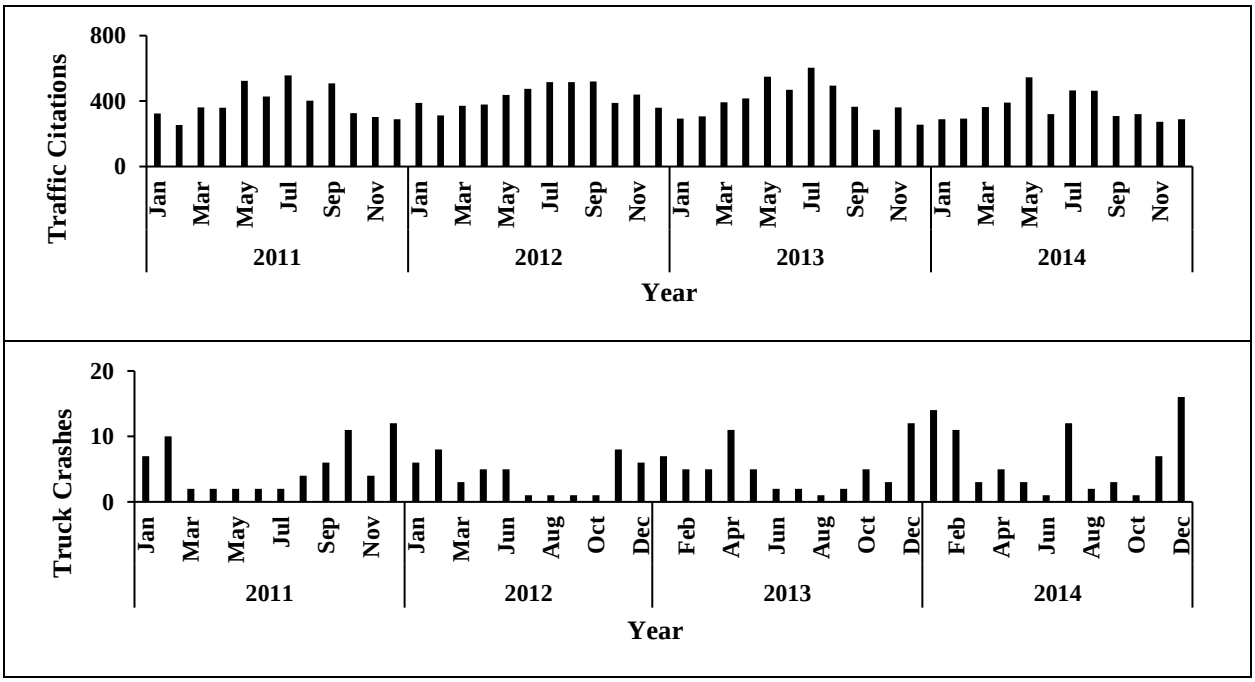


Figure 15. Monthly Variation of Truck Crashes and Citations, I-25 North

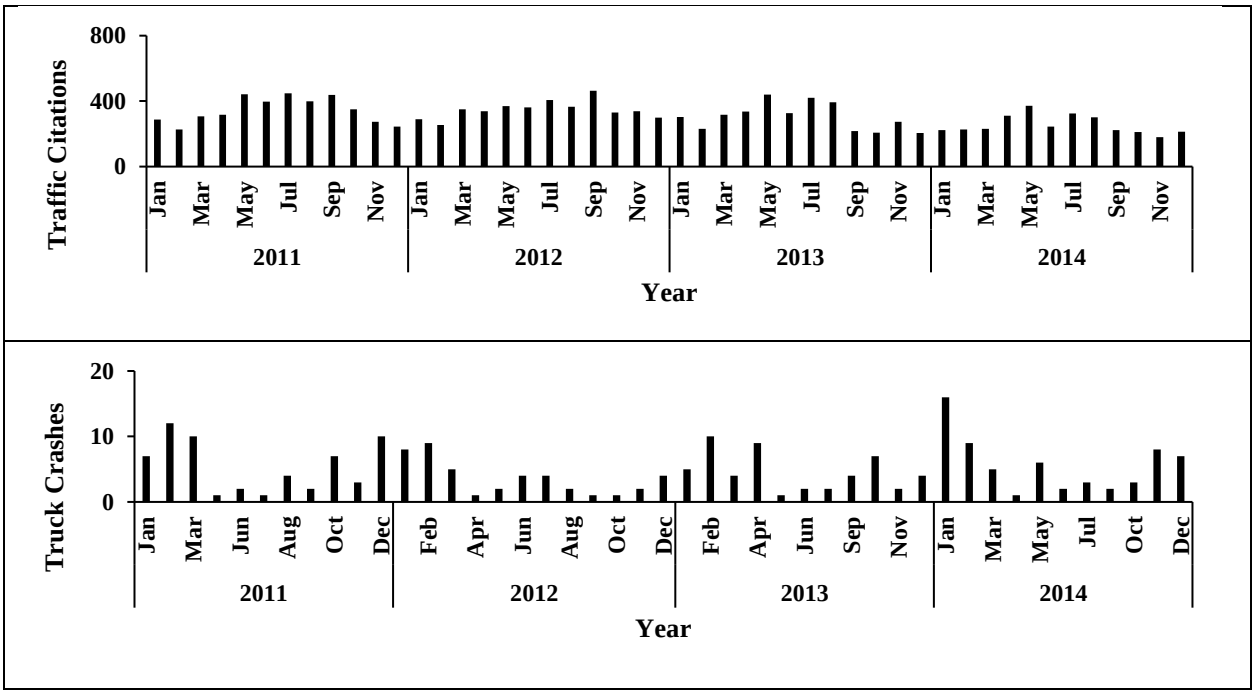
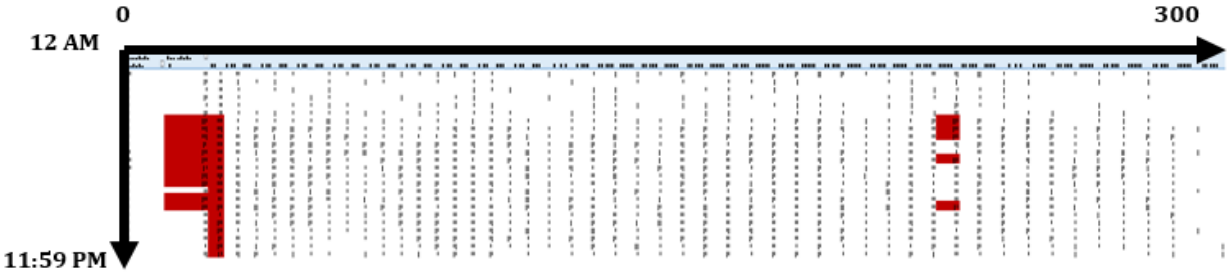


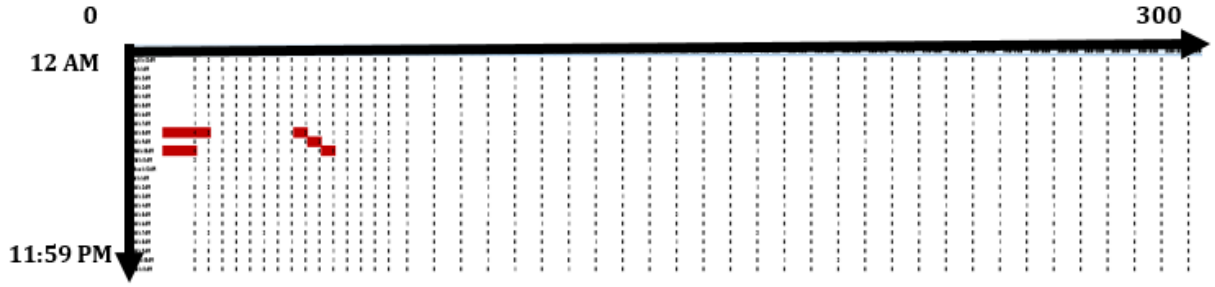
Figure 16. Monthly Variation of Truck Crashes and Citations, I-25 South

Spatial temporal analysis for I-25 northbound is presented in Figure 17. Legible figures of the spatial temporal analysis can be found in Appendix 8. The purpose of this analysis is to clarify the benefit of using spatial temporal analysis in helping WHP to identify locations where they need to allocate their resources and to investigate whether the WHP was allocating their resources at the locations with high crash frequency or not. Four years of available crash and citation data were used in this analysis on route I-25 from 2011 to 2014. Figure 17a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 17b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations. This data is also broken down based on the time of day the crash occurred. As can be seen from Figure 17, WHP allocated most of their enforcement resources on I-25 north at the locations highlighted in red. As can be observed from Figure 17b, there were not any locations where there were more than three truck crashes within a mile span.

Spatial temporal analysis for I-25 southbound is presented in Figure 18. Figure 18a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 18b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations.

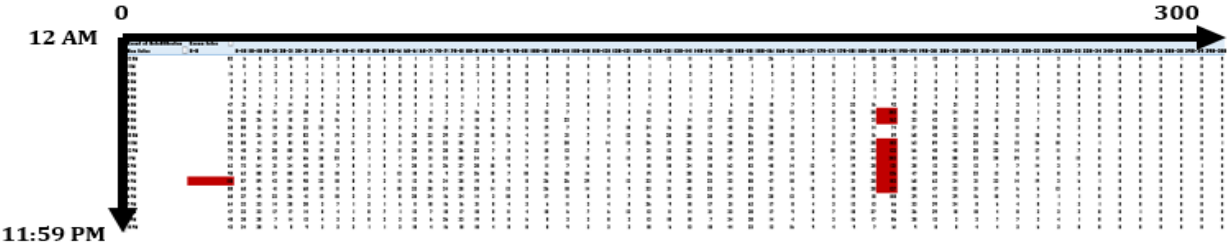


a. Citations greater than 100

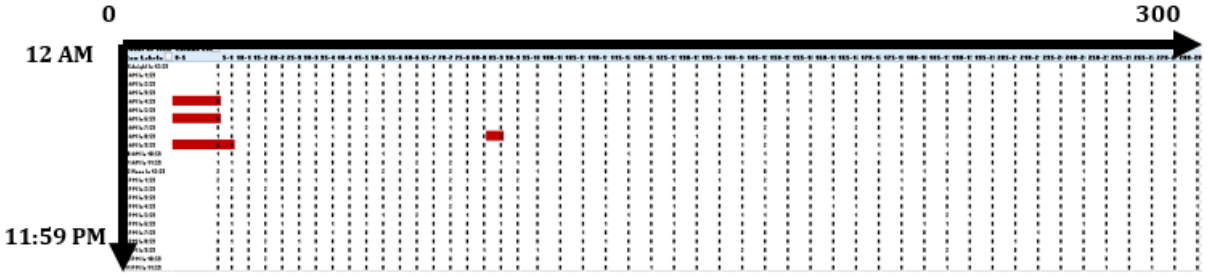


b. Three or more truck crashes

Figure 17. Spatial-Temporal Analysis of I-25 North



a. Citations greater than 100



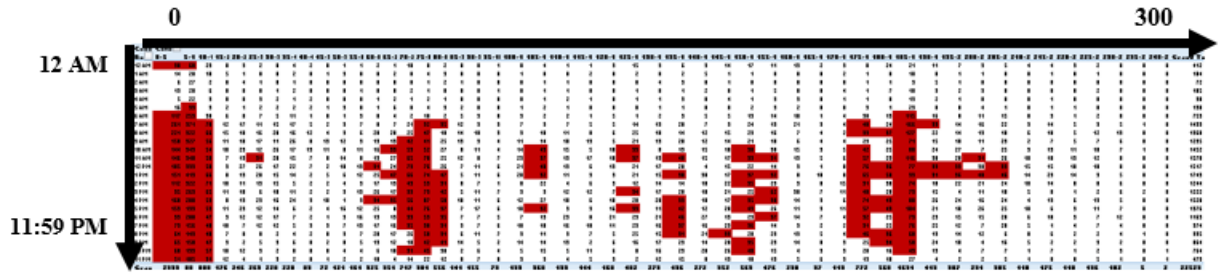
b. Three or more truck crashes

Figure 18. Spatial-Temporal Analysis of I-25 South

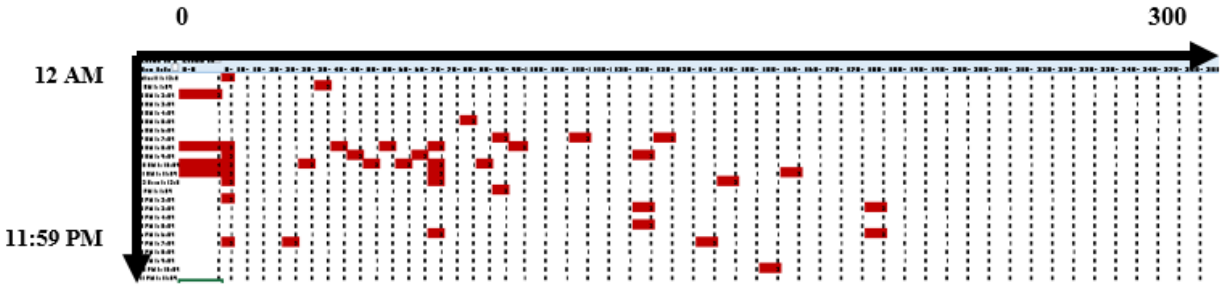
A second spatial temporal analysis for I-25 northbound is presented in Figure 19. Unlike the previous figures, Figure 19a presents the results of the analysis and highlights mile segments in red where over 30 citations have been issued over the four-year period. The citations are also

broken down based on the time of day they were issued. Figure 19b presents the results of the analysis and highlights mile segments in red where more than one crash occurred within the same mile segments as the citations. This spatial temporal analysis gave a more clear representation of where resources from the WHP were being allocated, since there were not many locations with greater than 100 citations and 3 truck crashes.

A second spatial temporal analysis for I-25 southbound is presented in Figure 20. Figure 20a presents the results of the analysis and highlights mile segments in red where over 30 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 20b presents the results of the analysis and highlights mile segments in red where more than one crash occurred within the same mile segments as the citations. As can be seen from Figure 19a and Figure 20a, WHP allocated most of their enforcement resources on I-25 at the locations highlighted in red. As can be observed from Figure 19b and Figure 20b, WHP allocated their resources at the locations with higher concentration of crashes

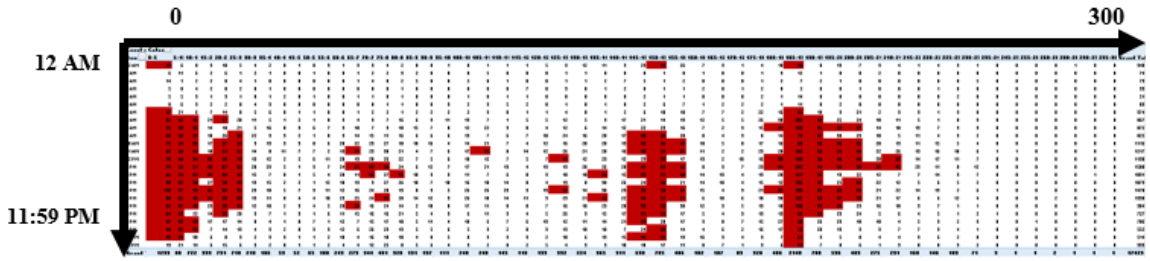


a. Citations greater than 30

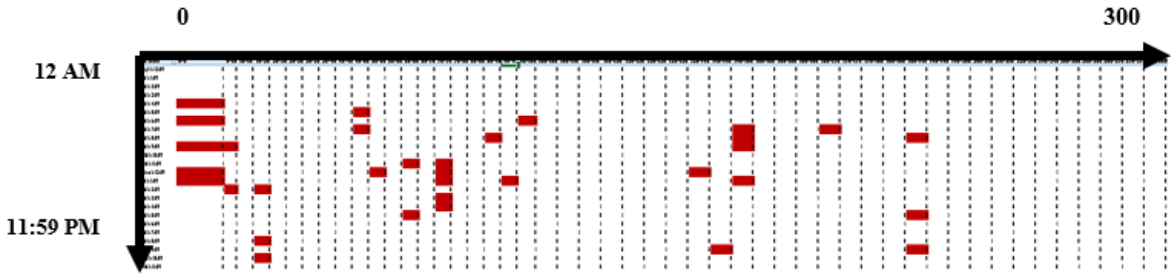


b. More than one truck crash

Figure 19. Spatial temporal Analysis 2 of I-25 North



a. Citations greater than 30



b. More than one truck crash

Figure 20. Spatial Temporal Analysis 2 of I-25 South

The type of citations issued over a four-year period, from 2011 to 2014, on I-25 north and southbound are presented in Table 11. More than a thousand different citation types used in this study were categorized into 10 groups including speeding, seat belt, crash predictor, driving under influence (DUI), Hours of Service(HOS), weight related, length related, red flag, and other vehicle related violations. Citations related to a speeding violation were issued the most on I-25 from 2011 to 2014.

Table 11. Summary of Types of Citations on I-25, 2011 to 2014

Types of Traffic Violations	2011	2012	2013	2014
Speeding	2,673	2,821	2,427	1,901
Seat Belt	360	344	305	270
Crash Predictor	170	175	146	169
Vehicle-related	94	67	107	112
DUI	112	105	70	63
HOS Violation	3	5	4	4
Weight-related	19	10	9	13
Length-related	3	6		3
Red Flag Violation	9	11	7	10
Others	681	626	593	513
Total	**4,124**	**4,170**	**3,668**	**3,058**

Figure 21 presents the percentage of distribution of traffic violations on I-25 from 2011 to 2014. Violations regarding speeding were significantly issued more than any other citation. Figure 22

presents the driver action in the truck crashes analyzed on I-25. Driving too fast for conditions was the leading driver action in truck related crashes on I-25 at 22 percent. The figure shows 23 percent of drivers were not improperly driving at the time of the crash, while 14 percent of drivers failed to keep the proper lane at the time of the crash. From Figure 21 and Figure 22, it can be concluded that issuing more speeding violations may be effective in preventing crashes related to speeding.

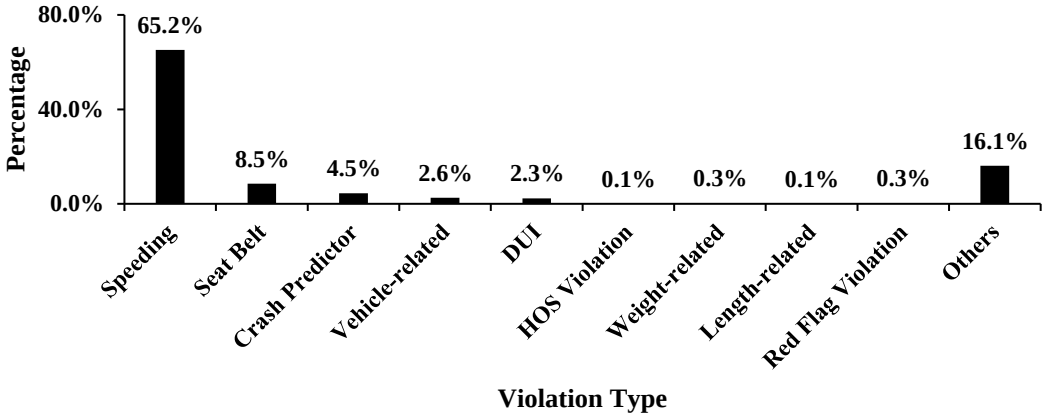


Figure 21. Distribution of Traffic Violations on I-25

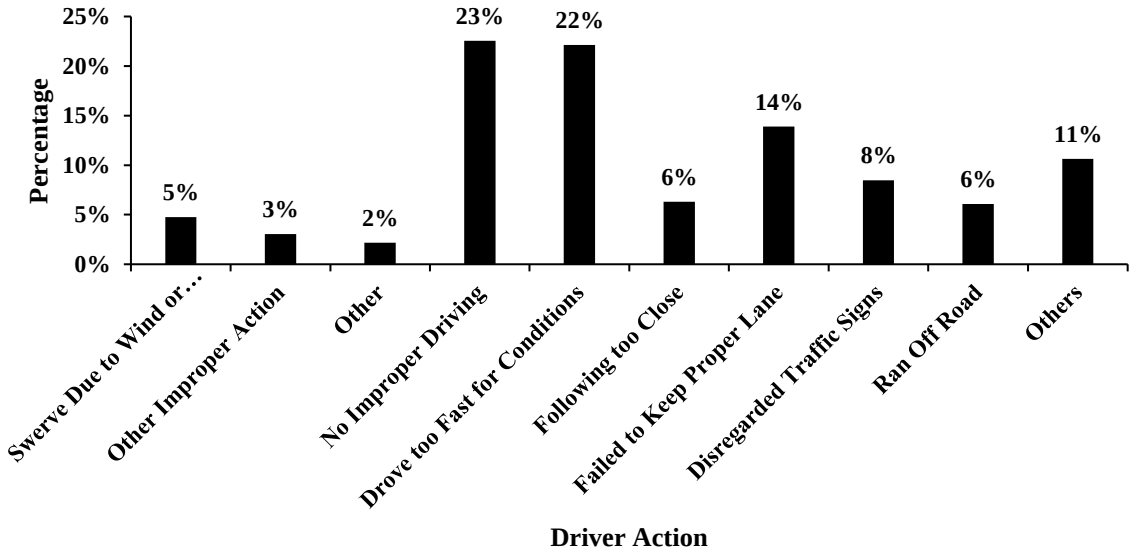


Figure 22. Driver Action in Truck-involved Crashes on I-25

The summary of truck crashes and citations on I-25 from 2011 to 2014 are presented in Table 12, while a summary of truck crash rates and citation rates per 100 million vehicle miles traveled on I-25 from 2011 to 2014 are presented in
Table 13. The route is separated by direction of travel in each table. I-25 northbound was experiencing more citations being issued per 100 million vehicle-miles traveled than I-25

southbound. I-25 northbound experienced a higher amount of truck crashes per 100 million vehicle miles traveled than I-25 southbound.

Table 12. Summary of Crashes and Citations on I-25, 2011 to 2014

Year & Direction of Travel	Citations				Crashes			
	Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
	Count	%	Count	%	Count	%	Count	%
2011	**5,850**		**2,909**		**123**		**675**	
North	3,177	54%	1,458	50%	64	52%	369	55%
South	2,673	46%	1,451	50%	59	48%	306	45%
2012	**6,197**		**3,077**		**88**		**694**	
North	3,376	54%	1,728	56%	45	51%	385	55%
South	2,821	46%	1,349	44%	43	49%	309	45%
2013	**5,409**		**2,990**		**110**		**725**	
North	2,982	55%	1,749	58%	60	55%	422	58%
South	2,427	45%	1,241	42%	50	45%	303	42%
2014	**4,361**		**3,016**		**140**		**781**	
North	2,460	56%	1,859	62%	78	56%	424	54%
South	1,901	44%	1157	38%	62	44%	357	46%

Table 13. Summary of Crash Rate and Citation Rate on I-25, 2011-2014

Year & Direction of Travel	AADT	Citations				Crashes			
		Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
		Count	Rate	Count	Rate	Count	Rate	Count	Rate
2011	**8,682**	**5,850**	**154**	**2,909**	**76**	**123**	**3**	**675**	**1002**
North	4,314	3,177	**168**	1,458	**77**	64	**3**	369	**501**
South	4,368	2,673	**140**	1,451	**76**	59	**3**	306	**500**
2012	**7,958**	**6197**	**178**	**3,077**	**88**	**88**	**3**	**694**	**891**
North	3,486	3,376	**221**	1,728	**113**	45	**3**	385	**398**
South	4,472	2,821	**144**	1,349	**69**	43	**2**	309	**490**
2013	**9,140**	**5,409**	**135**	**2,990**	**75**	**110**	**3**	**725**	**1225**
North	4,531	2,982	**150**	1,749	**88**	60	**3**	422	**641**
South	4,609	2,427	**120**	1,241	**61**	50	**2**	303	**575**
2014	**9,450**	**4,361**	**105**	**3,016**	**73**	**140**	**3**	**781**	**1692**
North	4,694	2,460	**120**	1,859	**90**	78	**4**	424	**809**
South	4,756	1,901	**91**	1,157	**56**	62	**3**	357	**893**

Figure 23 presents the amount of drivers licensed in each states that were involved in truck-crashes or traffic violations on I-25 from 2011 to 2014. More Wyoming licensed drivers were issued a citation on I-25 than any other license from another state. Wyoming had more licensed drivers involved in a truck crash on I-25 than any other driver licensed from another state.

Colorado had the second highest amount of licensed drivers involved in a truck crash and a traffic violation. Montana, Texas, and California had the next highest amount of licensed drivers issued a violation on I-25 over the four year period.

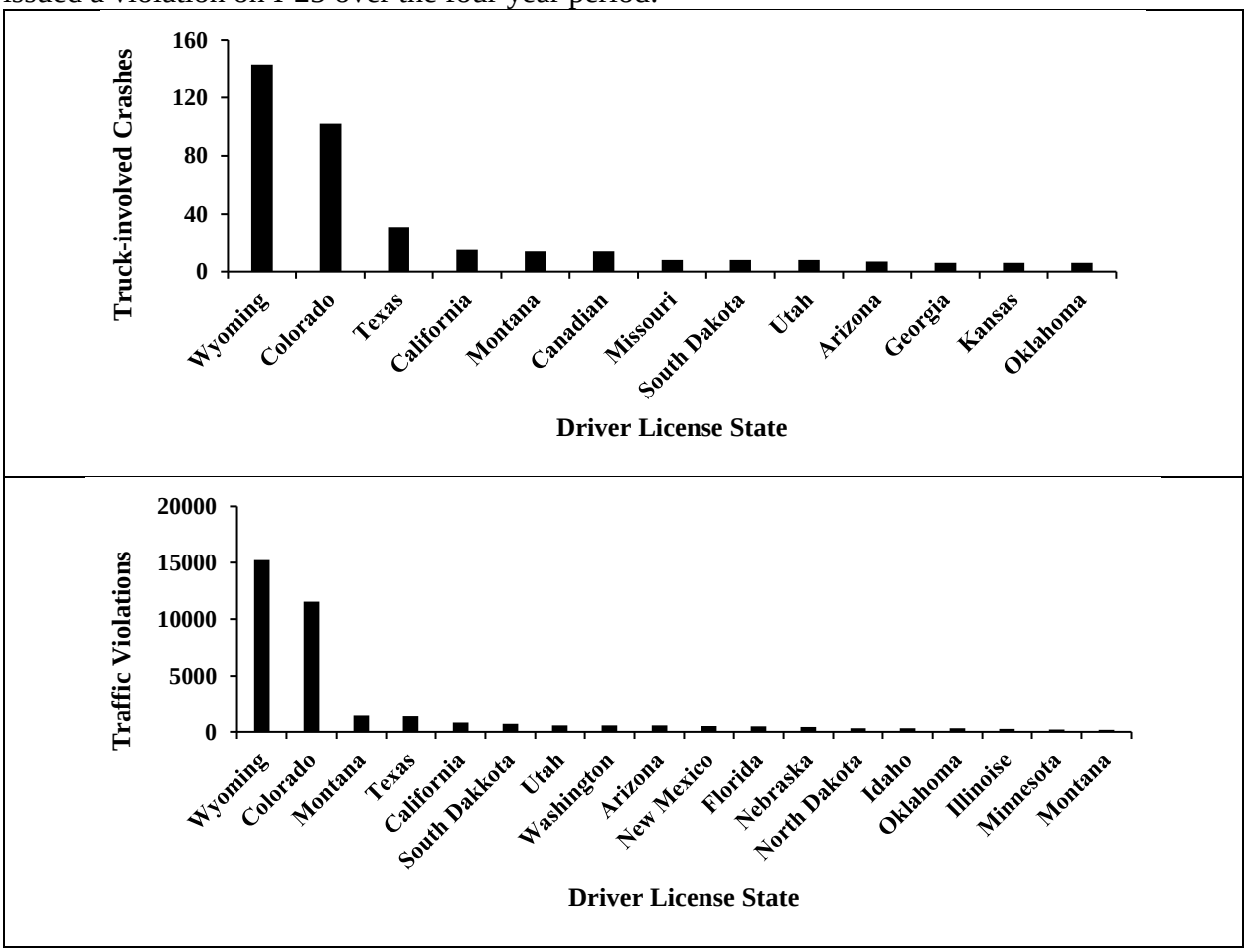


Figure 23. Truck-involved Crashes and Traffic Violations on I-25, 2011-2014

Figure 24 presents the time distribution of truck-involved crashes and citations on I-25 from 2011 to 2014. Around 5:00 AM, it can be seen that the amount of traffic violations began to increase, while the amount of truck-involved crashes began to increase as well. Around 8:00 A.M., the truck-involved crashes began to decline while the traffic violations continued to increase. From 1:00 A.M. to 5:00 A.M. there were few citations issued, while there was a considerable amount of crashes occurring at this time.

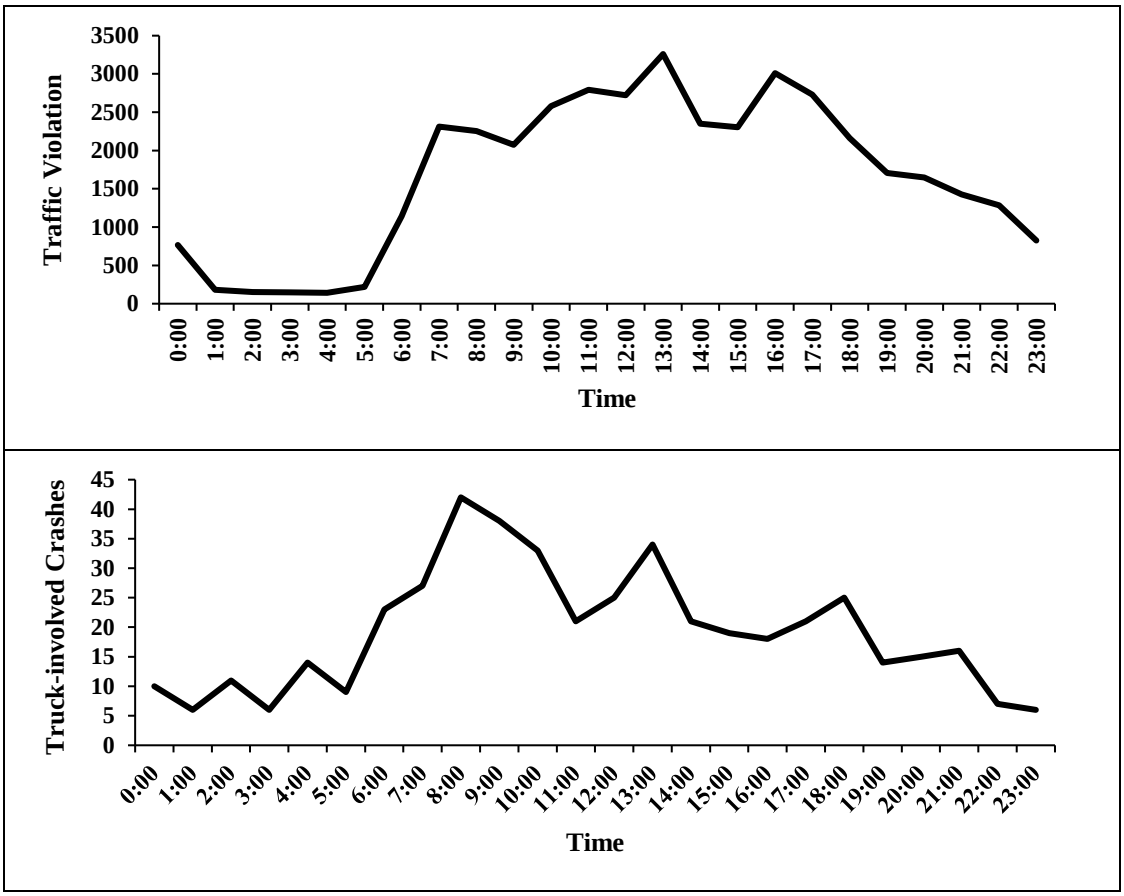


Figure 24. Truck-involved Crashes and Citations Time Distribution on I-25, 2011-2014

The weather and road conditions that occurred during truck-involved crashes on I-25 from 2011 to 2014 are presented in pie charts in Figure 25. From this figure, it can be seen that 45 percent of truck-involved crashes on I-25 occurred during snowy or blizzard conditions, while 35 percent of truck-involved crashes occurred when road conditions were icy or snowy.

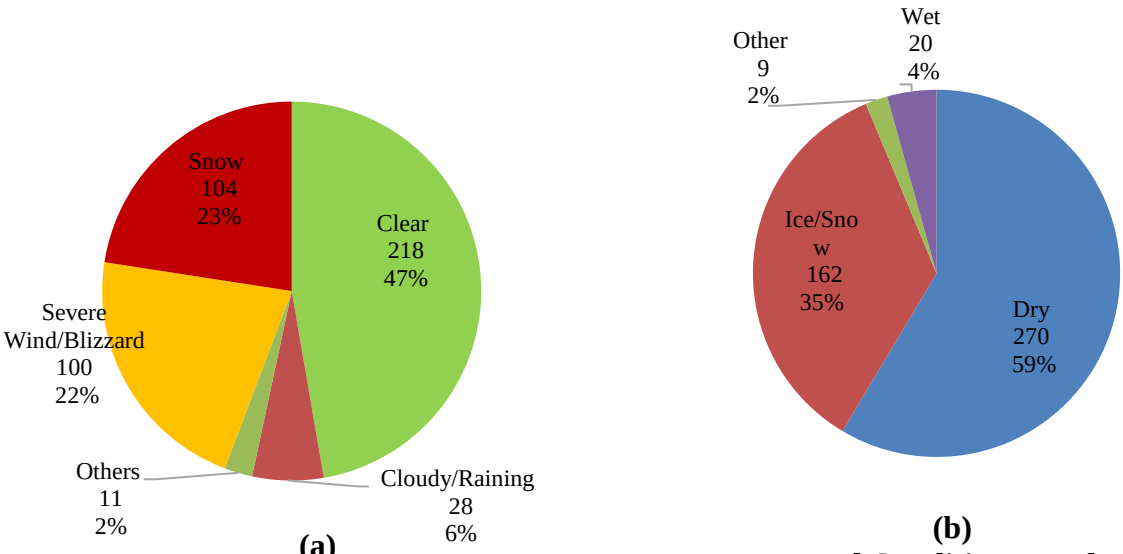
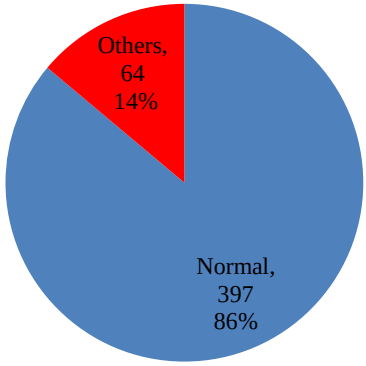


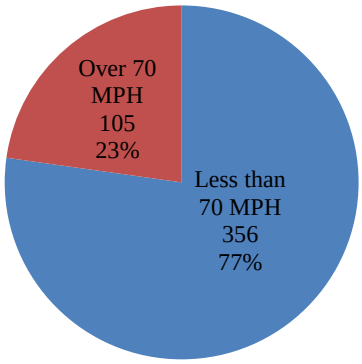
Figure 25. Weather and Road Condition in Truck-involved Crashes on I-25, 2011-2014

Figure 26 presents information on the different characteristics of the truck-involved crashes on I-25 from 2011 to 2014. Driver impairment, speed of the driver at fault, crash severity, first harmful event, truck type, and the truck involvement information are presented as pie charts. Fourteen percent of the truck-involved crashes on I-25 involved an impaired driver under the influence of drugs and alcohol. The driver at fault traveling faster than 70 mph accounted for 23 percent of the truck related crashes on I-25. Colliding with another motor vehicle in transport accounted for 38 percent of the first harmful events involved in truck related crashes. Thirty eight percent of the crashes involved with trucks involved a jackknife maneuver or overturn. Considering crash severity, 75 percent of the truck-involved crashes resulted in no injury, or an unknown case. The analysis of the type of truck-involved in a crash on I-25 revealed that 89 percent of the truck-involved crashes involved a heavy truck. Only 29 percent of truck crashes were not caused by truck, while 56 percent of the crashes found a single truck crash at fault.

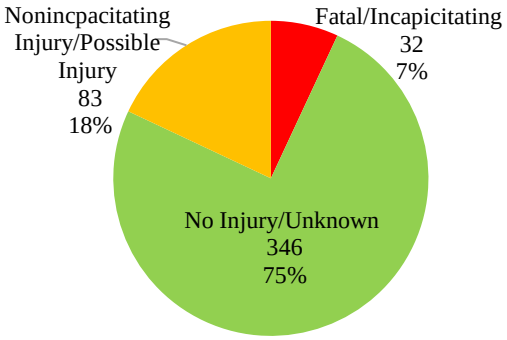
Figure 27 presents the crash severity of truck-involved crashes on I-25 when the truck driver was at fault, as well as the violation distribution between truck-involved crashes and non-truck-involved crashes. Eight percent of the violations were issued to a truck on I-25. When the truck driver was at fault of the crash, 76 percent of the crashes resulted in property damage only, while 6 percent resulted in an incapacitating or fatal injury.



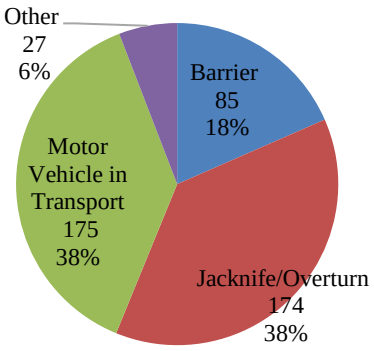
(a)
Driver Impairment, Truck Involvd Crashes



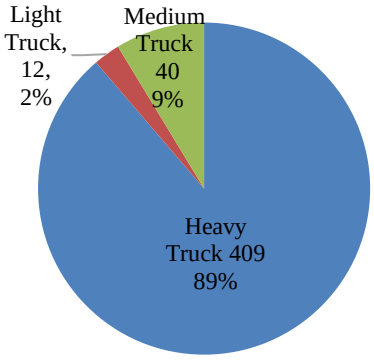
(b)
Driver at Fault Speed, Truck-involved Crashes



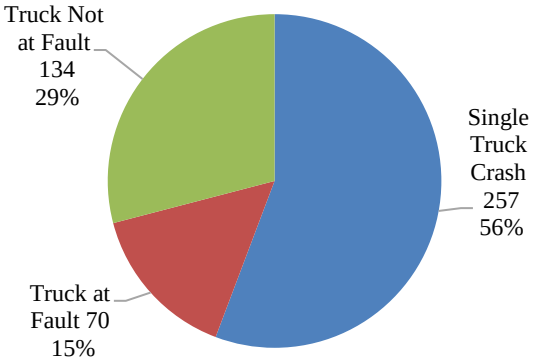
(c)
Crash Severity, Truck-involved Crashes



(d)
First Harmful Event, Truck-involved Crashes

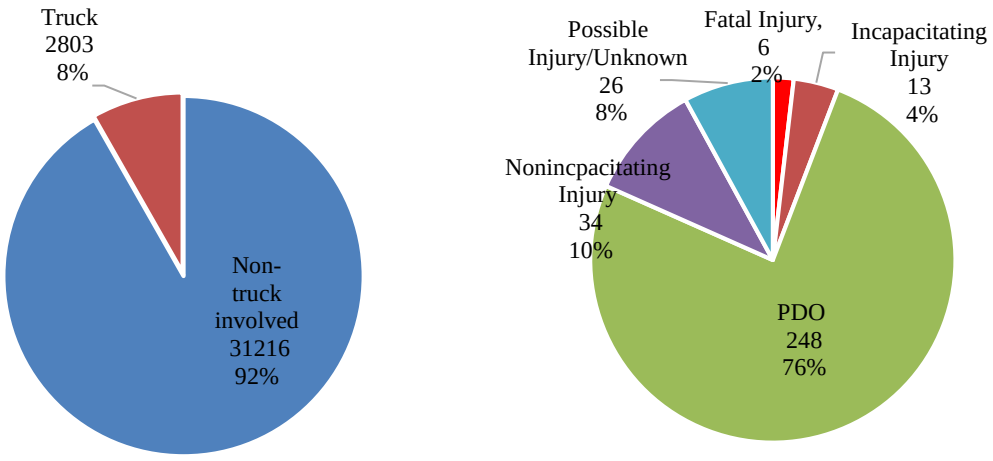


(e)
Truck Types, Truck-involved Crashes



(f)
Truck Involvement in Truck crashes

Figure 26. Different Characteristics of Truck-involved Crashes on I-25, 2011-2014



(a)
Violation Distribuation

(b)
Truck at Fault, Crash Severity

Figure 27. Crash Severity when Truck at Fault and Violations on I-25, 2011-2014

Interstate 90

Figure 28 presents the monthly variation of truck crashes and traffic citations over a four-year period from 2011 to 2014. Figure 28 presents data for the northbound lanes only. Figure 29 displays the same information as Figure 28, except it includes data regarding only the southbound lanes. The traffic citations include citations given to all vehicles, not just commercial vehicles. Including all citation data was a better representation of where there were higher points of enforcement. Both figures concluded when there was a lower amount of truck crashes, there was a higher amount of traffic citations issued. For example in Figure 28, in 2011 the traffic citations increased in March through September, while the truck cashes were at the lowest points of the year. This same pattern was found in the following three years, as well as in the southbound lanes in Figure 29.

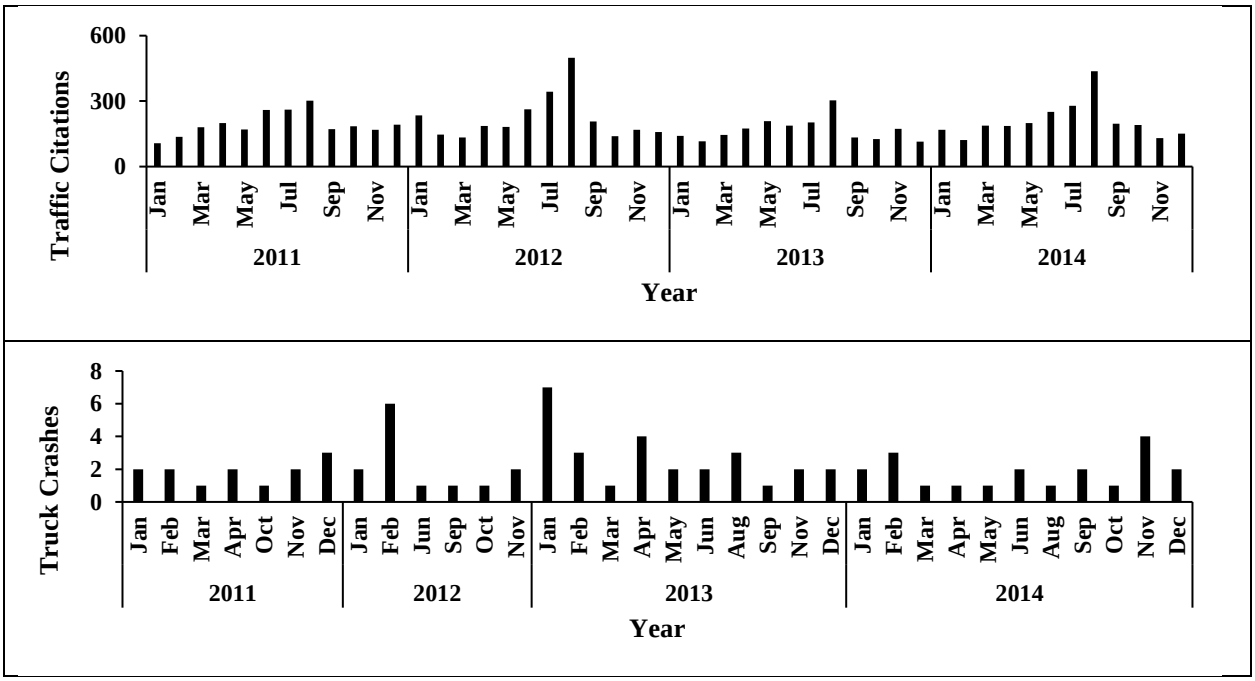


Figure 28. Monthly Variation of Truck Crashes and Citation, I-90 North

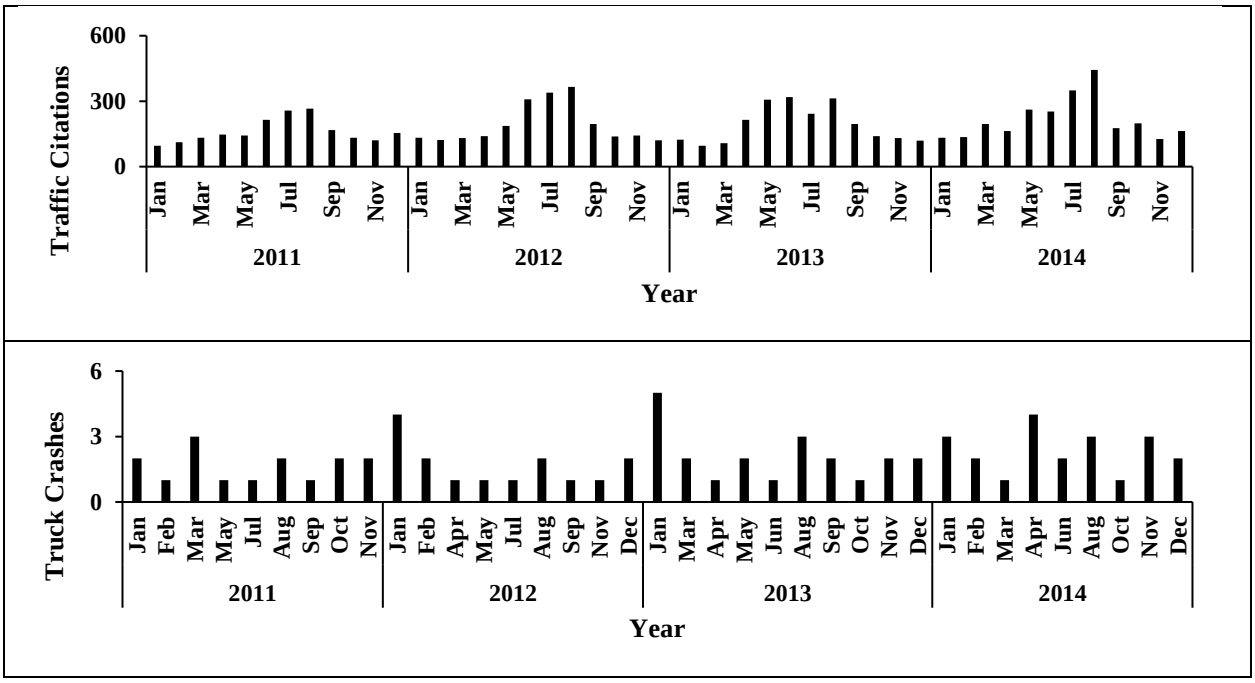
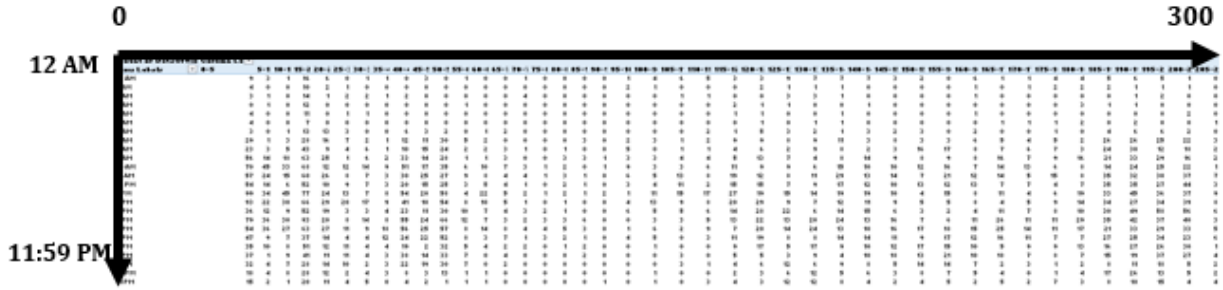


Figure 29. Monthly Variation of Truck Crashes and Citation, I-90 South

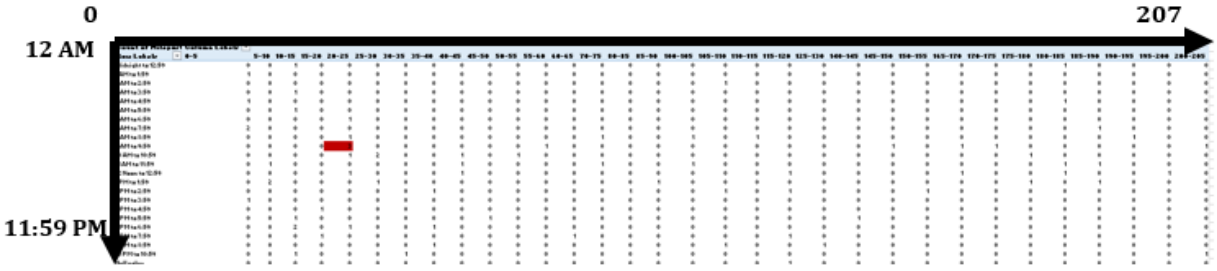
Spatial temporal analysis for I-90 northbound is presented in Figure 30. Legible figures of the spatial temporal analysis can be found in Appendix 8. The purpose of this analysis is to clarify the benefit of using spatial temporal analysis in helping WHP to identify locations where they

need to allocate their resources and to investigate whether the WHP was allocating their resources at the locations with high crash frequency or not. Four years of available crash and citation data were used in this analysis on route I-90 from 2011 to 2014. Figure 30a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 30b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations. This data is also broken down based on the time of day the crash occurred. As can be seen from Figure 30a, there were not any locations where more than 100 citations were issued over a four-year period. As can be observed from Figure 30b, there were not any locations where there were three or more truck crashes within a mile span.

Spatial temporal analysis for I-90 southbound is presented in Figure 31. Figure 31a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 31b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations.

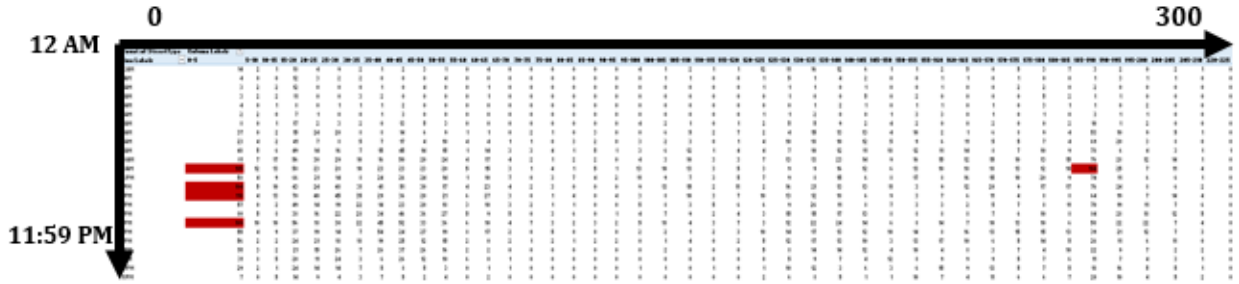


a. Citations greater than 100

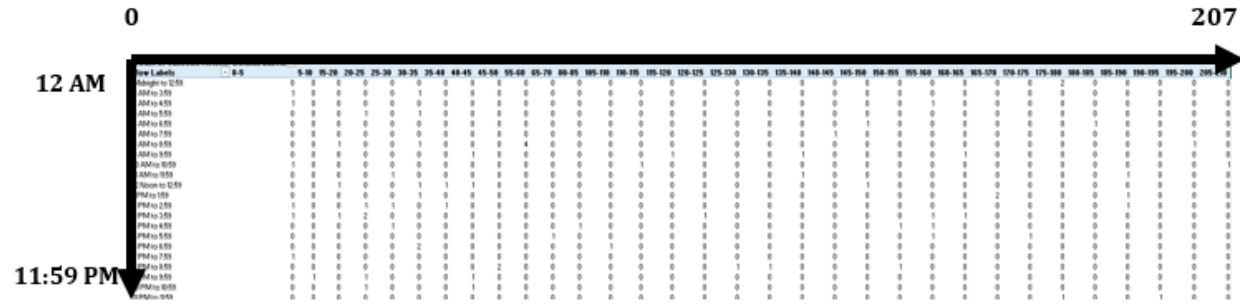


b. Three or more truck crashes

Figure 30. Spatial Temporal Analysis for I-90 North



a. Citations greater than 100

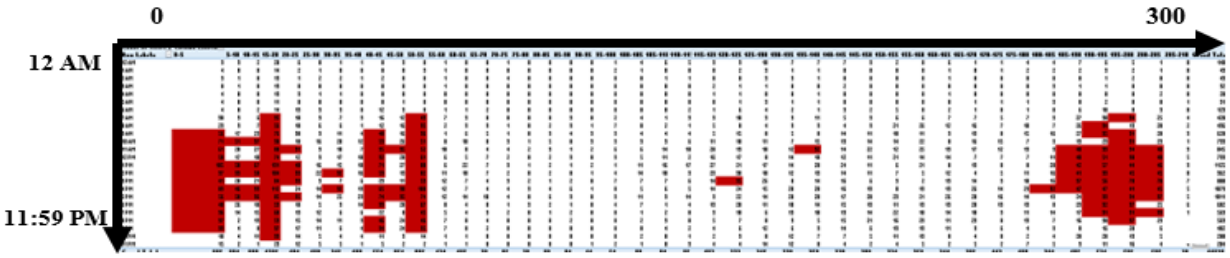


b. Three or more truck crashes

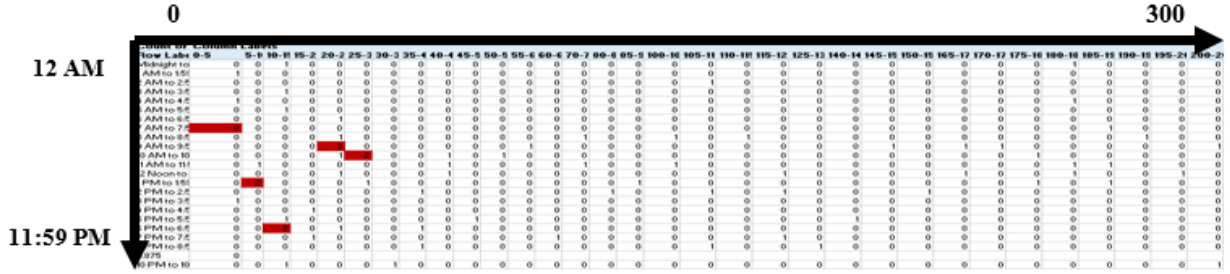
Figure 31. Spatial Temporal Analysis for I-90 South

A second spatial temporal analysis for I-90 northbound is presented in Figure 32. Unlike the previous figures, Figure 32a presents the results of the analysis and highlights mile segments in red where over 30 citations have been issued over the four-year period from 2011 to 2014. The citations are also broken down based on the time of day they were issued. Figure 32b presents the results of the analysis and highlights mile segments in red where more than one truck crash occurred within the same mile segments as the citations. This spatial temporal analysis gave a more clear representation of where resources from the WHP were being allocated, since there were not many locations with greater than 100 citations and 3 truck crashes.

A second spatial temporal analysis for I-90 southbound is presented in Figure 33. Figure 33a presents the results of the analysis and highlights mile segments in red where over 30 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 33b presents the results of the analysis and highlights mile segments in red where more than one crash occurred within the same mile segments as the citations. As can be seen from Figure 32a and Figure 33a, WHP allocated most of their enforcement resources on I-90 at the locations highlighted in red. As can be observed from Figure 32 and Figure 33, WHP issued citations in areas where there were one or more truck crashes.

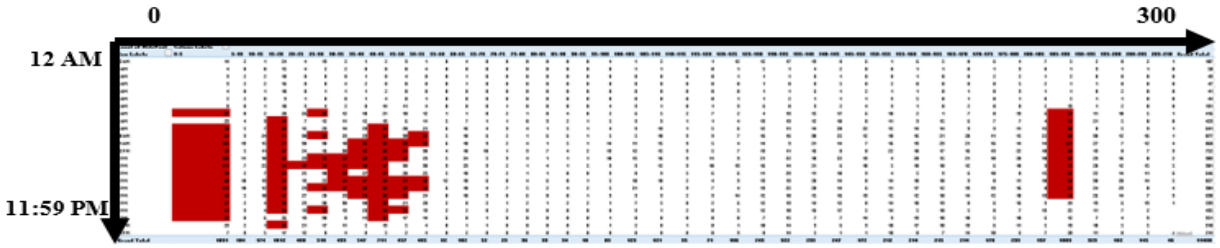


a. Citations greater than 30

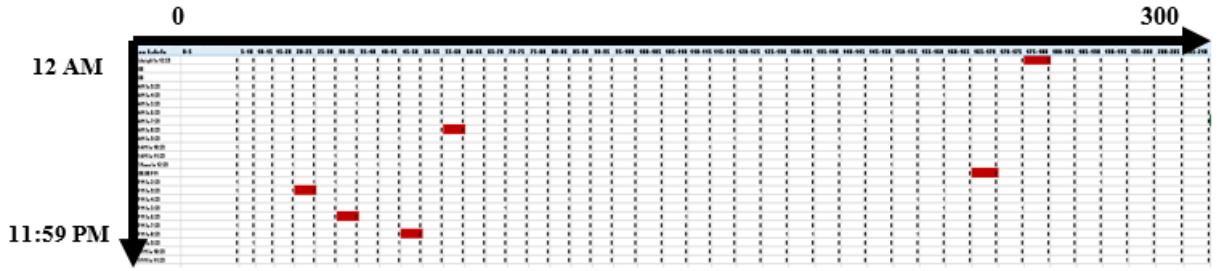


b. More than one truck crash

Figure 32. Spatial Temporal Analysis 2 for I-90 North



a. Citations greater than 30



b. More than one truck crash

Figure 33. Spatial Temporal Analysis 2 for I-90 South

The type of citations issued over a four-year period, from 2011 to 2014, on I-90 north and southbound are presented in Table 14. More than a thousand different citation types used in this study were categorized into 10 groups including speeding, seat belt, crash predictor, driving

under influence (DUI), Hours of Service(HOS), weight related, length related, red flag, and other vehicle related violations. Citations related to a speeding violation were issued the most on I-90 from 2011 to 2014.

Table 14. Summary of Types of Citations on I-90, 2011-2014

Types of Traffic Citations	2011	2012	2013	2014
Speeding	2,887	3,411	2,792	3,011
Seat belt	173	253	230	330
Crash predictor	62	81	80	140
Vehicle-related	222	215	167	191
DUI	89	103	122	165
HOS Violation	62	24	30	50
Weight-related	114	121	190	280
Length-related	6	8	18	24
Red Flag violation	8	7	7	20
Others	655	757	698	886
Total	**4,278**	**4,980**	**4,334**	**5,097**

Figure 34 presents the percentage of distribution of traffic violations on I-90 from 2011 - 2014. Citations regarding speeding were significantly issued more than any other citation. Figure 35 presents the driver action in the truck crashes analyzed on I-90. Driving too fast for conditions was the leading driver action in truck related crashes on I-90 at 25 percent. The figure shows 35 percent of drivers were not improperly driving at the time of the crash, while 7 percent of drivers failed to keep the proper lane at the time of the crash. From Figure 34 and Figure 35, it can be concluded that issuing more speeding violations may be effective in preventing crashes related to speeding.

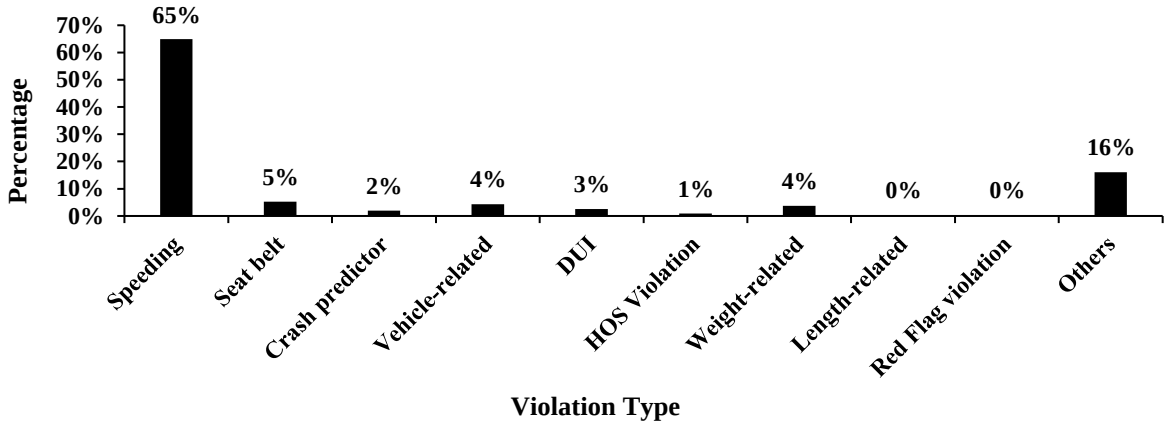


Figure 34. Citation Type Distribution on I-90, 2011-2014

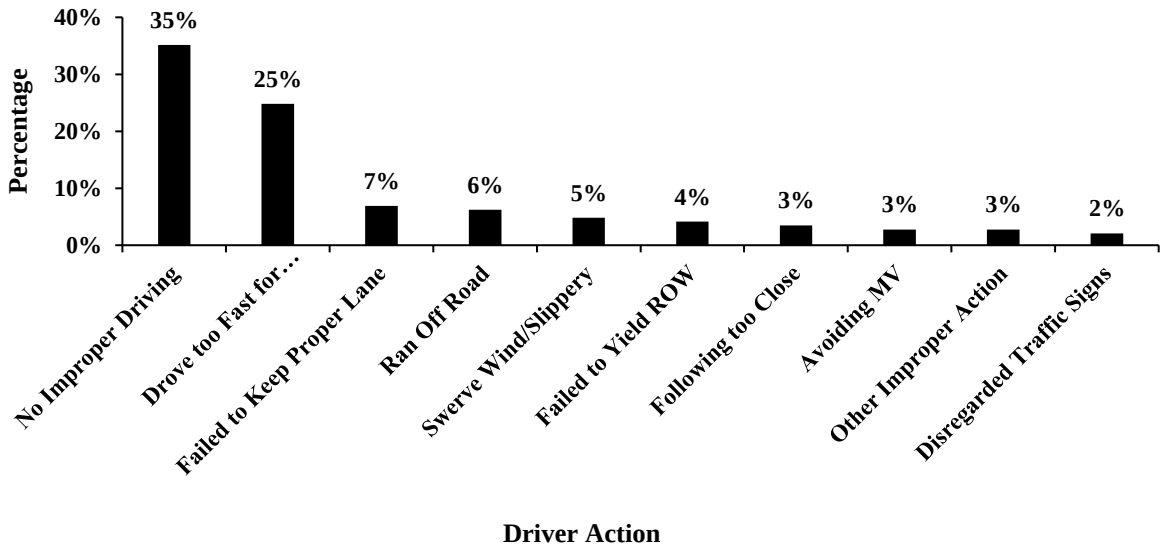


Figure 35. Driver Action in Truck-involved Crash, 2011-2014

The summary of truck crashes and citations on I-90 from 2011 to 2014 are presented in Table 15, while a summary of truck crash rates and citation rates per 100 million vehicle miles traveled on I-90 from 2011 to 2014 are presented in

Table 16. The route is separated by direction of travel in each table. Generally, I-90 southbound was experiencing more citations being issued per 100 million vehicle-miles traveled than I-90 northbound. I-90 southbound also experienced a higher amount of truck crashes per 100 million vehicle miles traveled than I-90 northbound.

Table 15. Summary of Crashes and Citations on I-90, 2011-2014

Year &	Citations				Crashes			
Direction of Travel	Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
	Count	%	Count	%	Count	%	Count	%
2011	**2,887**		**1,391**		**28**		**445**	
North	1,640	57%	694	50%	13	46%	207	47%
South	1,247	43%	697	50%	15	54%	238	53%
2012	**3,411**		**1,569**		**28**		**442**	
North	1,897	56%	761	49%	13	46%	199	45%
South	1,514	44%	808	51%	15	54%	243	55%
2013	**2,792**		**1,542**		**48**		**456**	
North	1335	48%	692	45%	27	56%	223	49%
South	1457	52%	850	55%	21	44%	233	51%
2014	**3,011**		**2,086**		**41**		**468**	
North	1547	51%	952	46%	20	49%	220	47%
South	**1,464**	49%	1,134	54%	21	51%	248	53%

Table 16. Summary of Crashes and Citation on I-90, 2011-2014

Year & Direction of Travel	AADT	Citations				Crashes			
		Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
		Count	Rate	Count	Rate	Count	Rate	Count	
2011	**5,586**	**2,887**	**171**	**1,391**	**82**	**28**	**1.66**	**445**	**26**
North	2,776	1,640	195	694	83	13	1.55	207	25
South	2,810	1,247	147	697	82	15	1.76	238	28
2012	**5,598**	**3,411**	**201**	**1,569**	**93**	**28**	**1.65**	**442**	**26**
North	2,784	1,897	225	761	90	13	1.54	199	24
South	2,814	1,514	178	808	95	15	1.76	243	29
2013	**4,911**	**2,792**	**188**	**1,542**	**104**	**48**	**3.23**	**456**	**31**
North	2,740	1,335	161	692	84	27	3.26	223	27
South	2,171	1,457	222	850	129	21	3.20	233	35
2014	**5,009**	**3,011**	**199**	**2,086**	**138**	**41**	**2.71**	**468**	**31**
North	2,797	1,547	183	952	113	20	2.36	220	26
South	2,211	1,464	219	1,134	170	21	3.14	248	37

Figure 36 presents the amount of drivers licensed in each states that were involved in truck-crashes or traffic violations on I-90 from 2011 to 2014. More Wyoming licensed drivers were issued a citation on I-90 than any other license from another state. Wyoming had more licensed drivers involved in a truck crash on I-90 than any other driver licensed from another state. Montana had the second highest amount of licensed drivers involved in a truck crash followed closely by Colorado and South Dakota. South Dakota and Colorado had the second highest amount of licensed drivers issued a violation on I-90 over the four year period.

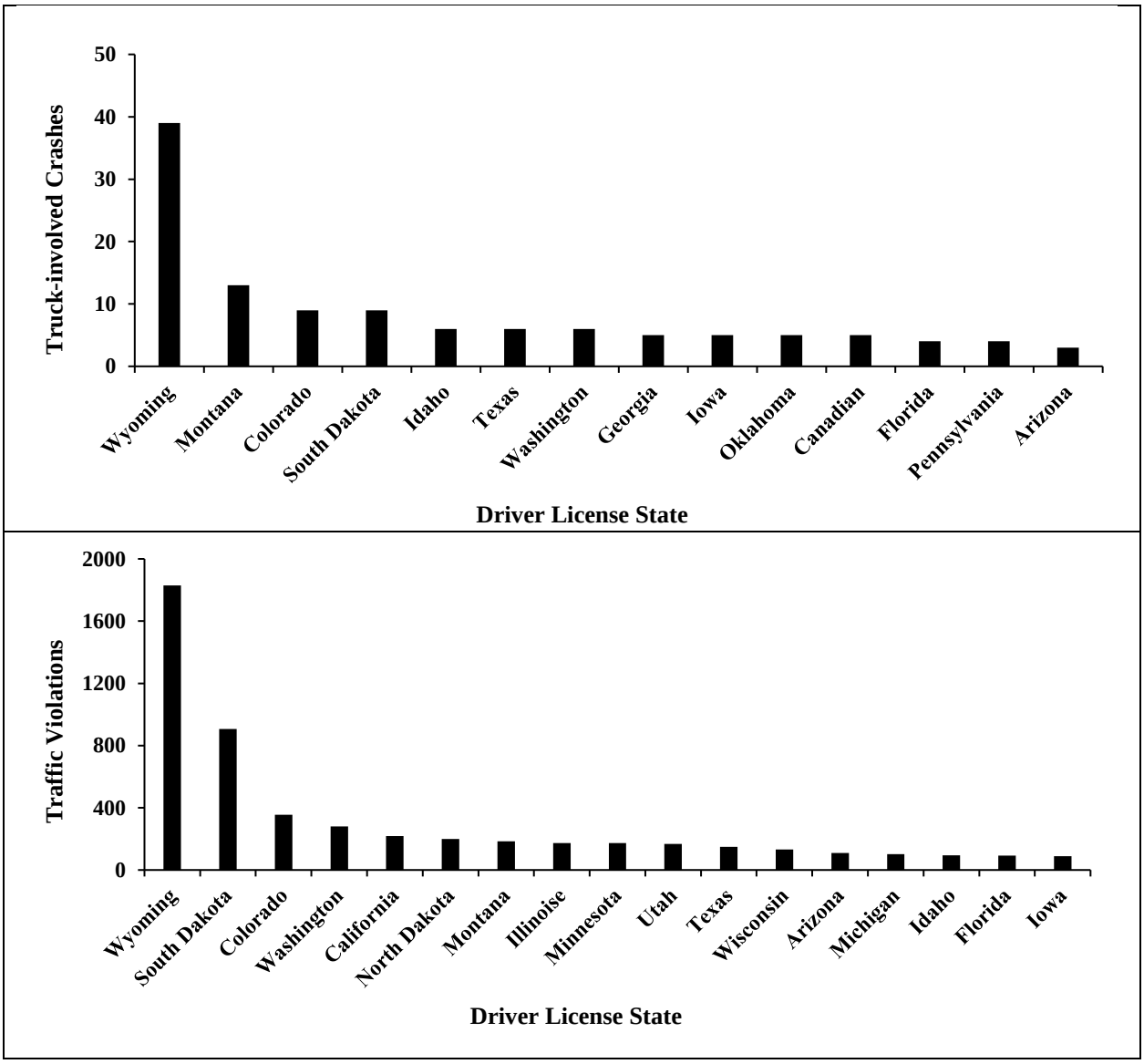


Figure 36. Truck-involved Crashes and Traffic Citation on I-90, 2011-2014

Figure 37 presents the time distribution of truck-involved crashes and citations on I-90 from 2011 to 2014. Around 5:00 A.M., it can be seen that the amount of traffic violations began to increase, while the amount of truck-involved crashes began to increase as well. Around 9:00 A.M., the truck-involved crashes begin to decline while the traffic violations continued to increase.

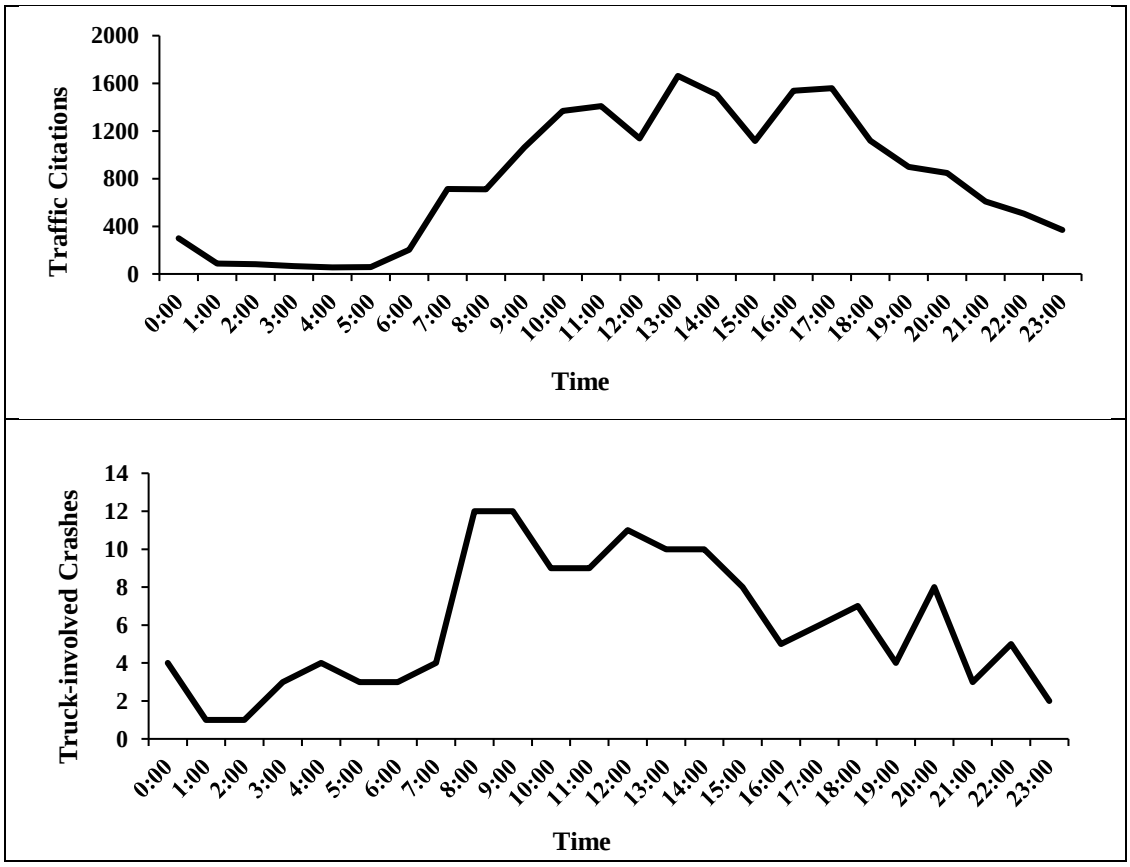


Figure 37. Truck-involved Crashes and Citations Time Distribution on I-90, 2011-2014

The weather and road conditions that occurred during truck-involved crashes on I-90 from 2011 to 2014 are presented in pie charts in Figure 38. From this figure, it can be seen that 48 percent of truck-involved crashes on I-90 occurred during snowy or blizzard conditions, while 50 percent of truck-involved crashes occurred when road conditions were icy or snowy. Many crashes are due to adverse weather conditions on I-90.

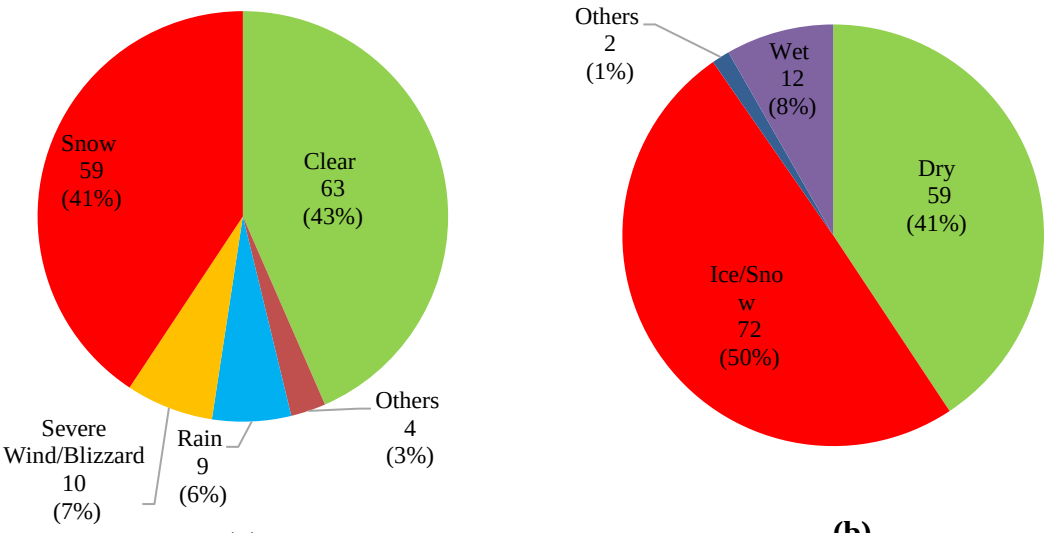
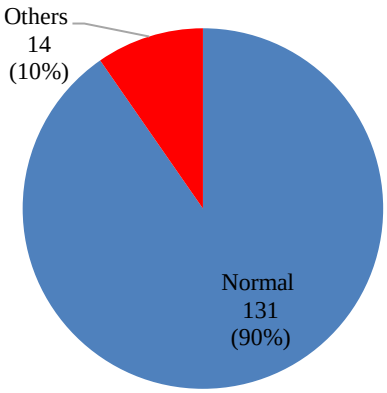
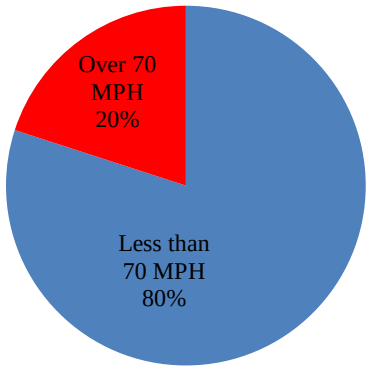


Figure 38. Weather and Road Conditions in Truck-involved Crashes on I-90, 2011-2014

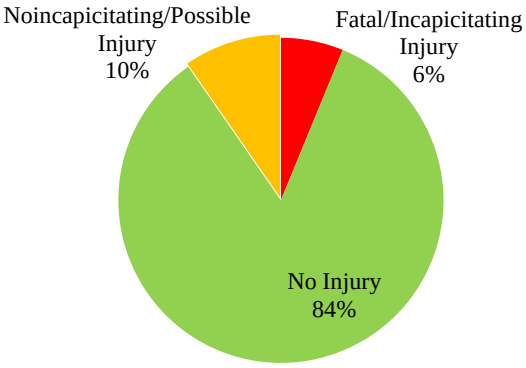
Figure 39 presents information on the different characteristics of the truck-involved crashes on I-90 from 2011 to 2014. Driver impairment, speed of the driver at fault, crash severity, first harmful event, truck type, and the truck involvement information are presented as pie charts. Ten percent of the truck-involved crashes on I-90 involved an impaired driver under the influence of drugs and alcohol. The driver at fault traveling faster than 70 mph accounted for 20 percent of the truck related crashes on I-90. Colliding with another motor vehicle in transport accounted for 42 percent of the first harmful events involved in truck related crashes. Thirty two percent of the crashes involved with trucks involved a jackknife maneuver or overturn. Considering crash severity, 84 percent of the truck-involved crashes resulted in no injury, or an unknown case. The analysis of the type of truck-involved in a crash on I-90 revealed that 87 percent of the truck-involved crashes involved a heavy truck. Only 27 percent of truck crashes were not caused by truck, while 52 percent of the crashes involved a single truck.



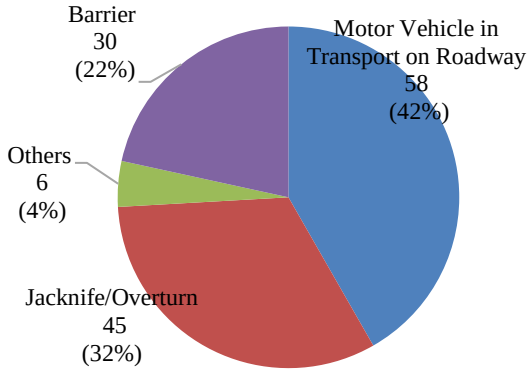
(a)
Driver Impairment, Truck-involved Crashes



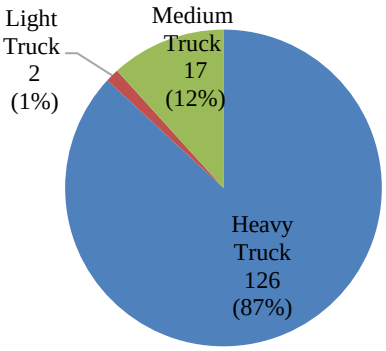
(b)
Driver at Fault Speed, Truck-involved Crashes



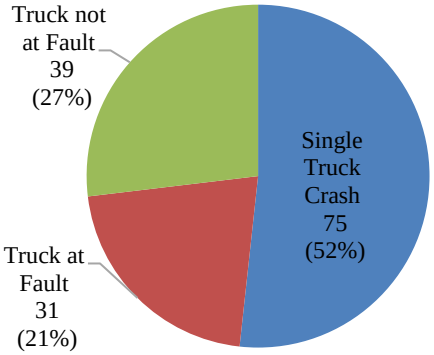
(c)
Crash Severity, Truck-involved Crashes



(d)
First Harmful Event, Truck-involved Crashes



(e)
Truck Types, Truck-involved Crashes



(f)
Truck-involvedment in Truck Crashes

Figure 39. Different Characteristics of Truck-involved Crashes on I-90, 2011-2014

ZONE 3

A descriptive analysis was performed on each of the three zones within the study. This section describes the data analysis performed on zone three, including US-30, US-26, and WY-59.

US-30

Figure 40 presents the monthly variation of truck crashes and traffic citations over a four-year period from 2011 to 2014. The traffic citations include citations given to all vehicles, not just commercial vehicles. Including all citation data was a better representation of where there were higher points of enforcement. Both figures concluded when there was a lower amount of truck crashes, there was a higher amount of traffic citations issued. For example, in 2011 the traffic citations increased in May through September, while the truck cashes were at the lowest points of the year. In many instances, citations given were at their highest point while the crashes were at their lowest point.

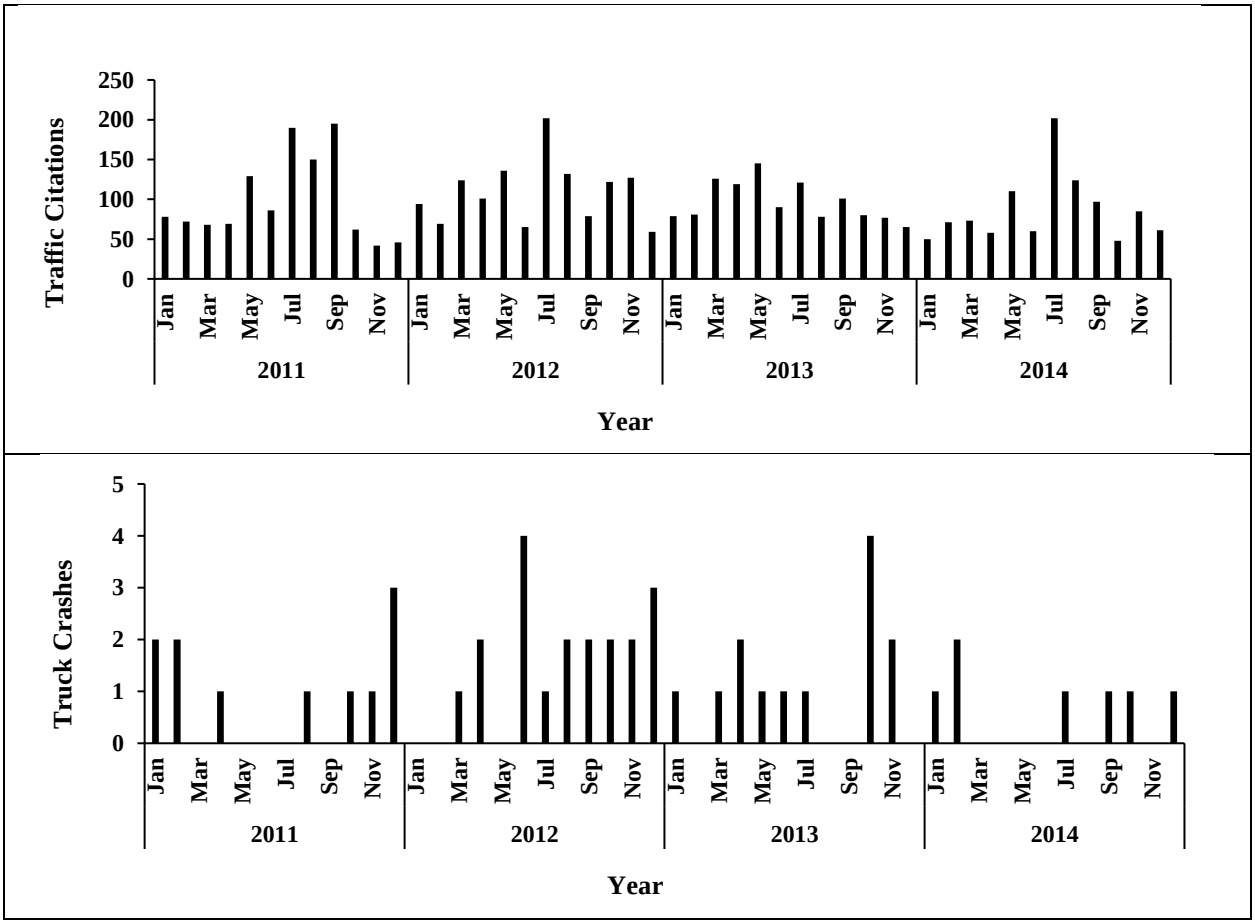
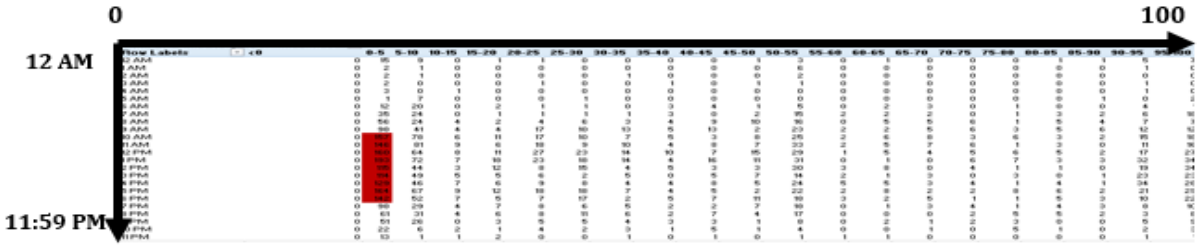


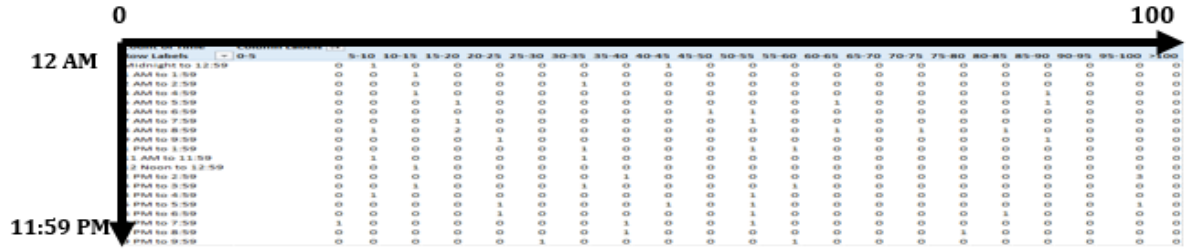
Figure 40. Monthly Variation of Truck Crashes and Citations, US-30

Spatial temporal analysis for US-30 is presented in Figure 41. Legible figures of the spatial temporal analysis can be found in Appendix 8. The purpose of this analysis is to clarify the benefit of using spatial temporal analysis in helping WHP to identify locations where they need

to allocate their resources and to investigate whether the WHP was allocating their resources at the locations with high crash frequency or not. Four years of available crash and citation data were used in this analysis on route US-30 from 2011 to 2014. Figure 41a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 41b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations. This data is also broken down based on the time of day the crash occurred. As can be seen from Figure 41a, WHP allocated most of their enforcement resources on US-30 at the locations highlighted in red. As can be observed from Figure 41b, there were not any locations where there were more than three truck crashes within a mile span.



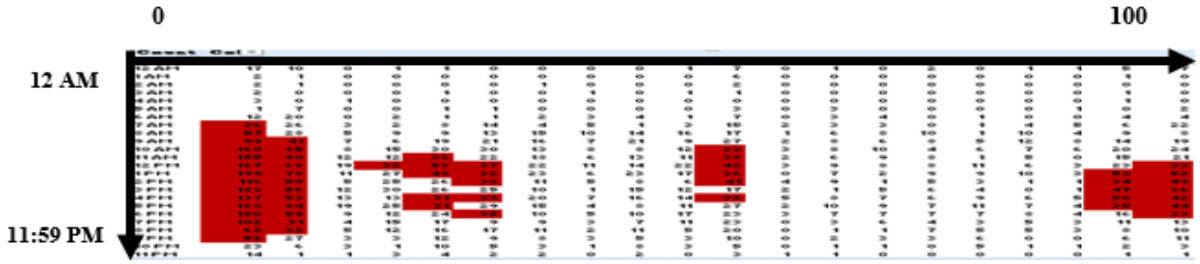
a. Citations greater than 100



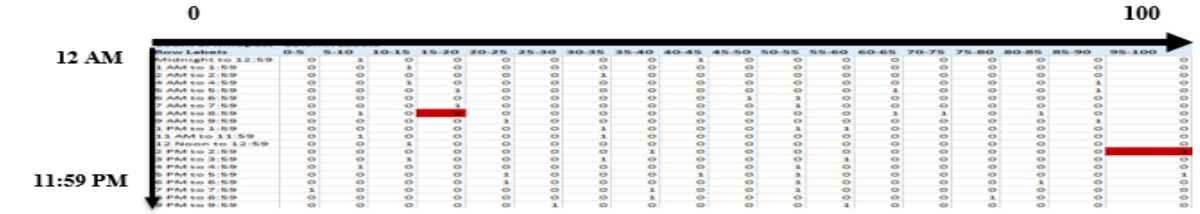
b. Three or more truck crashes

Figure 41. Spatial Temporal Analysis for US-30

A second spatial temporal analysis for US-30 is presented in Figure 42. Unlike the previous figures, Figure 42a presents the results of the analysis and highlights mile segments in red where over 30 citations have been issued over the four-year period from 2011 to 2014. The citations are also broken down based on the time of day they were issued. Figure 42b presents the results of the analysis and highlights mile segments in red where more than one truck crash occurred within the same mile segments as the citations. This spatial temporal analysis gave a more clear representation of where resources from the WHP were being allocated, since there were not many locations with greater than 100 citations and 3 truck crashes. As can be seen from Figure 41a and Figure 42a, WHP allocated most of their enforcement resources on US-30 at the locations highlighted in red. As can be observed from Figure 41 and Figure 42, WHP issued citations in areas where there were one or more truck crashes.



a. Citations greater than 30



b. More than one truck crash

Figure 42. Spatial Temporal Analysis 2 for US-30

The type of citations issued over a four-year period, from 2011 to 2014, on US-30 are presented in Table 17. More than a thousand different citation types used in this study were categorized into 10 groups including speeding, seat belt, crash predictor, driving under influence (DUI), Hours of Service(HOS), weight related, length related, red flag, and other vehicle related violations. Citations related to a speeding violation were issued the most on US-30 from 2011 to 2014.

Table 17. Summary of Citation Types on US-30, 2011-2014

Type of Traffic Citation	2011	2012	2013	2014
Speeding	807	1005	902	813
Seat Belt	61	49	65	45
Crash Predictor	28	33	30	20
Vehicle-related	37	28	24	13
DUI	4	9	-	3
Overdrive Violation	11	8	2	5
Weight-related	34	14	14	34
Length-related	6	2	1	8
Red Flag Violation	3	3	-	1
Others	197	161	124	96
Total	**1,188**	**1,312**	**1,162**	**1,038**

Figure 43 presents the percentage of distribution of traffic violations on US-30 from 2011 to 2014. Citations regarding speeding were significantly issued more than any other citation. Figure 44 presents the driver action in the truck crashes analyzed on US-30. No improper driving was the leading driver action in truck related crashes on US-30 at 40 percent. The figure shows 20

percent of drivers failed to keep the proper lane at the time of the crash, while 18 percent of drivers were driving too fast for conditions. From Figure 43 and Figure 44, it can be concluded that issuing more speeding violations may be effective in preventing crashes related to speeding.

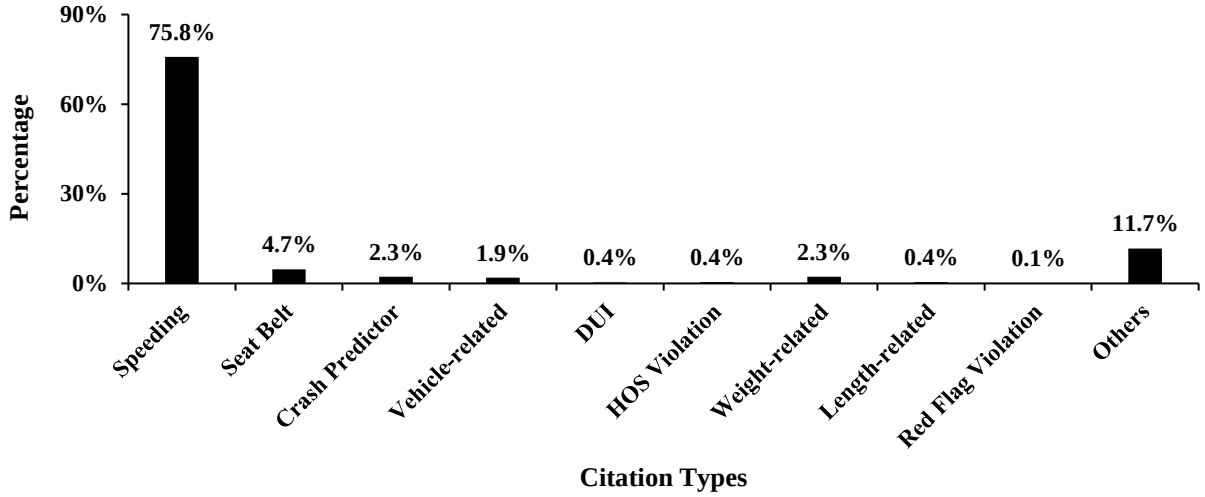


Figure 43. Citation Type Distribution on US-30

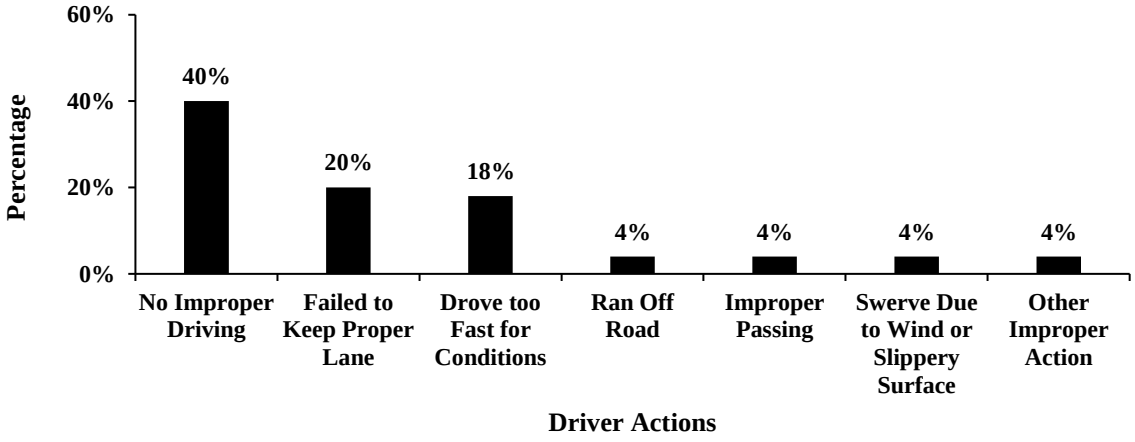


Figure 44. Driver Actions in Truck-involved Crashes

A summary of truck crash rates and citation rates per 100 million vehicle miles traveled on US-30 from 2011 to 2014 are presented in Table 18. There were more citations given in 2011 than any other year, while 2011 also had the highest rate of truck-involved crashes per 100 million vehicle miles traveled on US-30.

Table 18. Summary of Crash Rate and Citation Rate on US-30, 2011 to 2014

Year	AADT	Citations				Crashes			
		Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
		Count	Rate	Count	Rate	Count	Rate	Count	Rate
2011	2,230	807	248	381	117	11	3	46	14
2012	1,966	1,005	350	307	107	19	7	39	14
2013	1,911	902	323	260	93	13	5	45	16
2014	1,789	813	311	225	86	7	3	33	13

Figure 45 presents the amount of drivers licensed in each states that were involved in truck-crashes or traffic violations on US-30 from 2011 to 2014. More Wyoming licensed drivers were issued a citation on US-30 than any other license from another state. Idaho had more licensed drivers involved in a truck crash on US-30 than any other driver licensed from another state. Wyoming had the second highest amount of licensed drivers involved in a truck crash followed closely by Oregon and Utah. Idaho and Utah had the second highest amount of licensed drivers issued a violation on US-30 over the four year period.

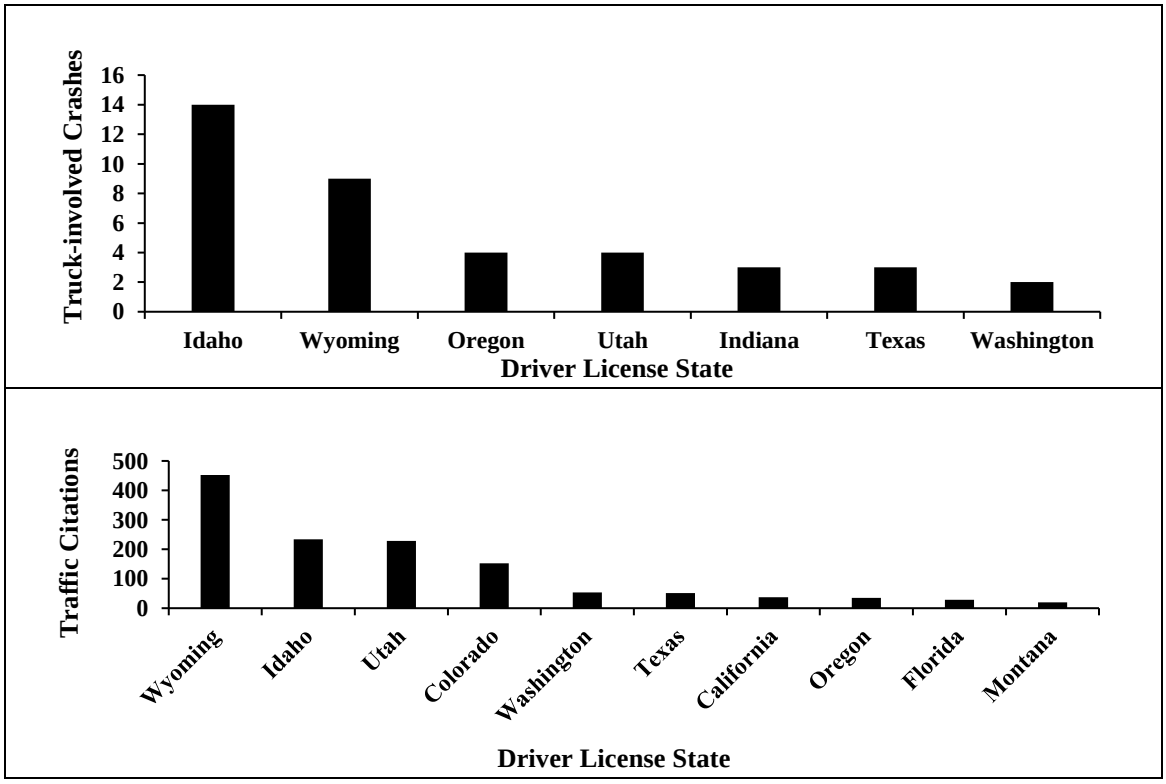


Figure 45. Truck-involved Crashes and Traffic Citations on US-30, 2011-2014

Figure 46 presents the time distribution of truck-involved crashes and citations on US-30 from 2011 – 2014. Around 5:00 AM, it can be seen that the amount of traffic violations began to increase, while the amount of truck-involved crashes began to increase as well. Around 8:00

A.M., the truck-involved crashes begin to decline while the traffic violations continued to increase.

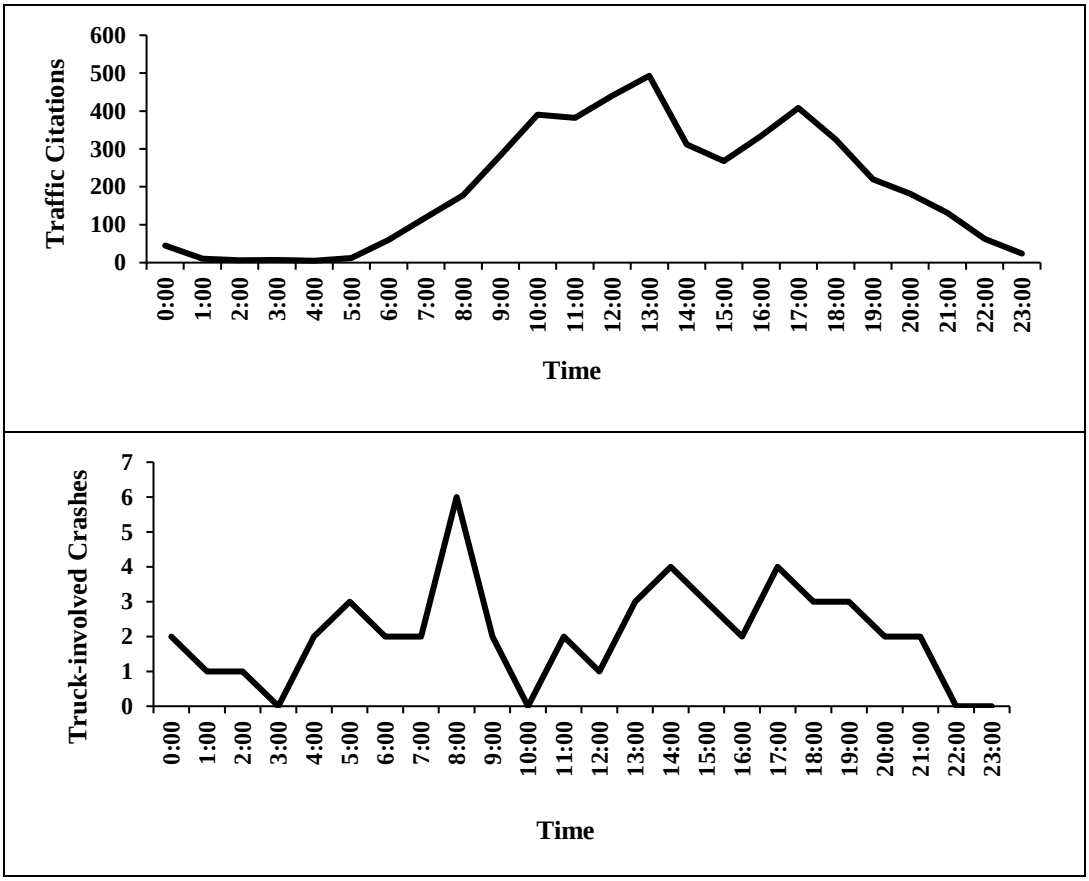
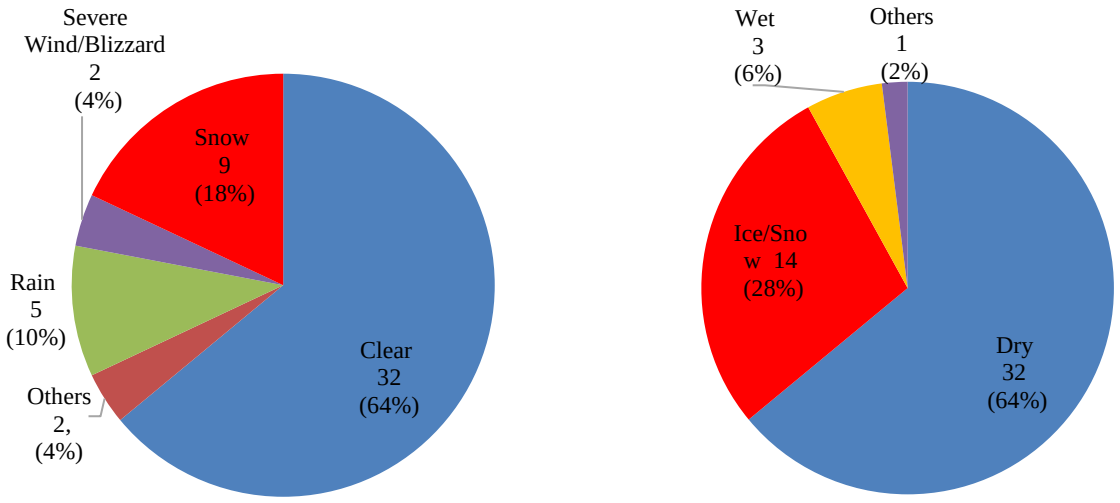


Figure 46. Truck-involved Crashes and Citation Time Distribution on US-30, 2011-2014

The weather and road conditions that occurred during truck-involved crashes on US-30 from 2011 to 2014 are presented in pie charts in Figure 47. From this figure, it can be seen that 22 percent of truck-involved crashes on US-30 occurred during snowy or blizzard conditions, while 28 percent of truck-involved crashes occurred when road conditions were icy or snowy.

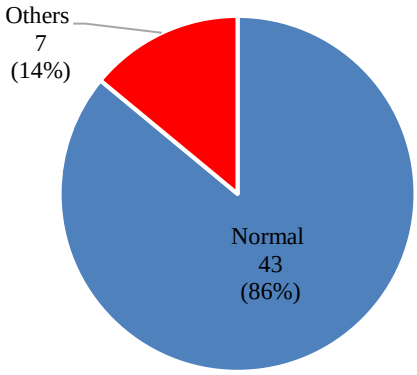


(a)
Weather Condition, Truck-involved Crashes

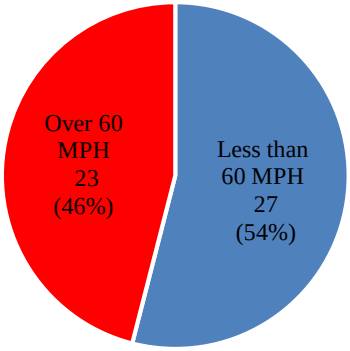
(b)
Road Condition, Truck-involved Crashes

Figure 47. Weather and Road Conditions in Truck-involved Crashes on US-30, 2011-2014

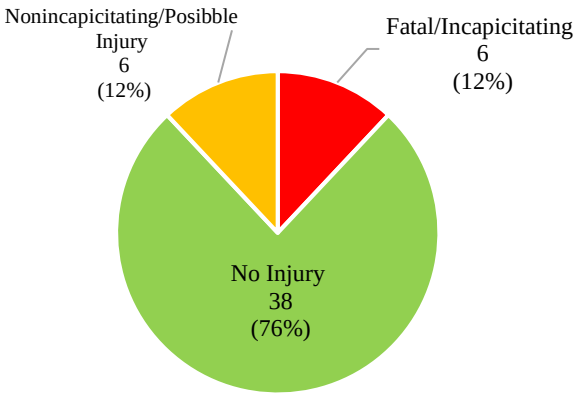
Figure 48 presents information on the different characteristics of the truck-involved crashes on US-30 from 2011 to 2014. Driver impairment, speed of the driver at fault, crash severity, first harmful event, truck type, and the truck involvement information are presented as pie charts. Fourteen percent of the truck-involved crashes on US-30 involved an impaired driver under the influence of drugs and alcohol. The driver at fault traveling faster than 60 mph accounted for 46 percent of the truck related crashes on US-30. Colliding with another motor vehicle in transport accounted for 54 percent of the first harmful events involved in truck related crashes. Eighteen percent of the crashes involved with trucks involved a jackknife maneuver or overturn. Considering crash severity, 76 percent of the truck-involved crashes resulted in no injury, or an unknown case. The analysis of the type of truck-involved in a crash on US-30 revealed that 96 percent of the truck-involved crashes involved a heavy truck. Only 26 percent of truck crashes were not caused by truck, while 42 percent of the crashes involved a single truck.



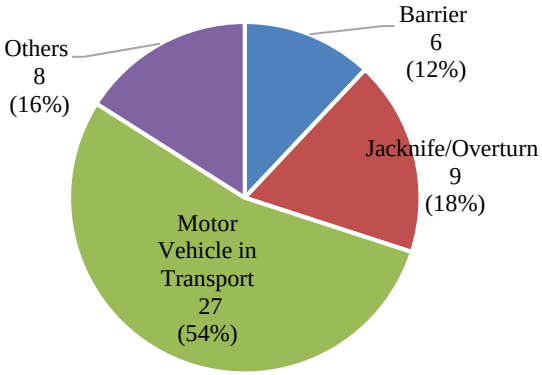
(a)
Driver Impairment, Truck-involved Crashes



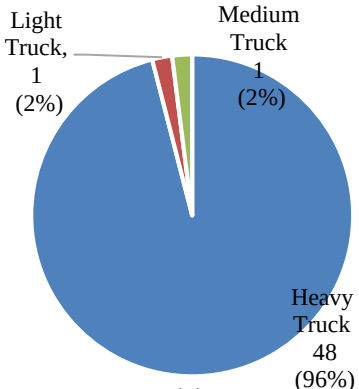
(b)
Driver at fault Speed, Truck Involvbed Crashes



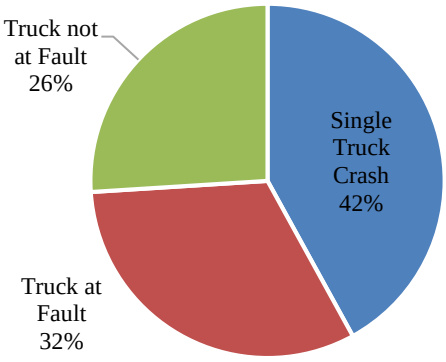
(c)
Crash severity, Tuck Involved Crashes



(d)
First Harmful Event, Truck-involved Crashes



(e)
Truck Types, Truck-involved Crashes



(f)
Truck Involvement in Truck Crashes

Figure 48. Different Characteristics of Truck-involved Crashes on US-30, 2011-2014

US-26

A descriptive analysis was performed on each of the three zones within the study. This section describes the data analysis performed on zone three, including US-26. Figure 49 presents the monthly variation of truck crashes and traffic citations over a four-year period from 2011 to 2014. The traffic citations include citations given to all vehicles, not just commercial vehicles. Including all citation data was a better representation of where there were higher points of enforcement. Both figures concluded when there was a lower amount of truck crashes, there was a higher amount of traffic citations issued. For example, in 2011 the traffic citations increased in May through September, while the truck cashes were generally at the lowest points of the year.

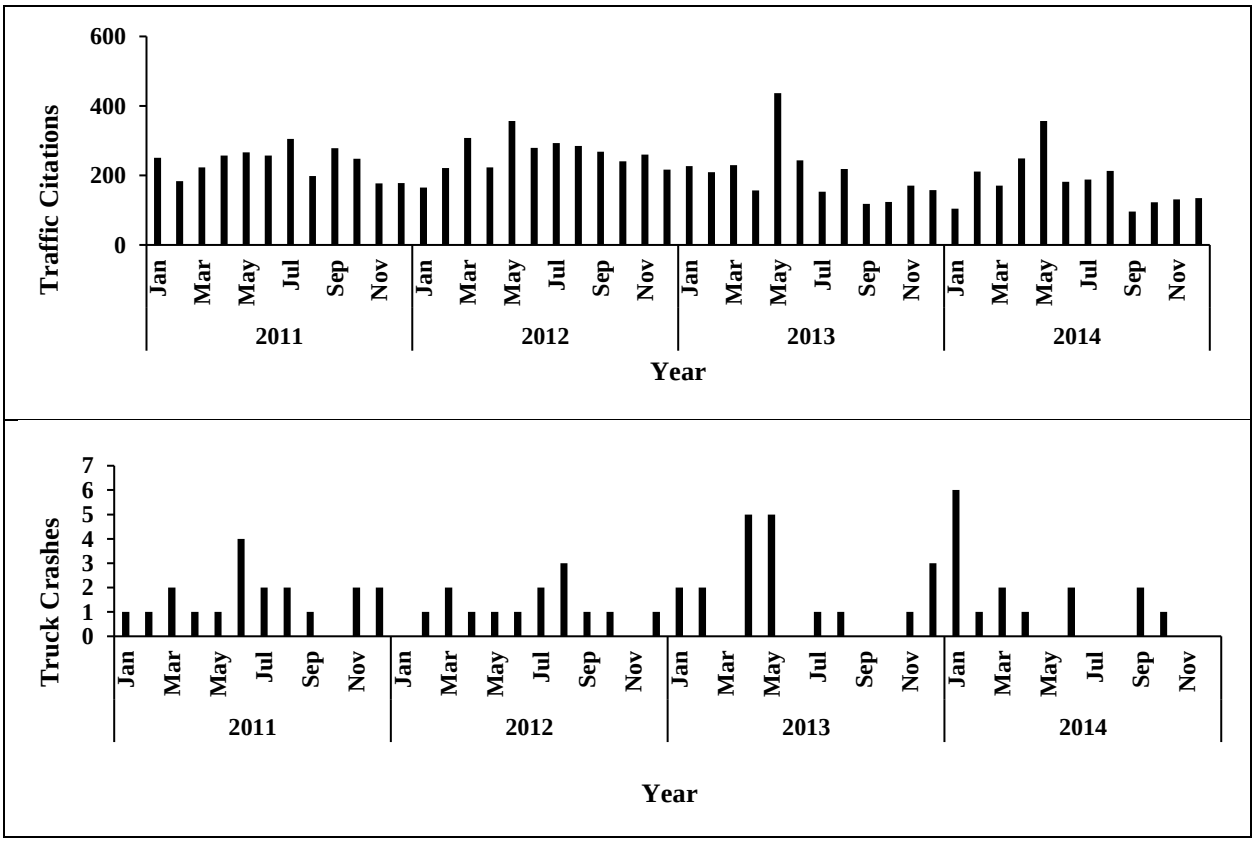
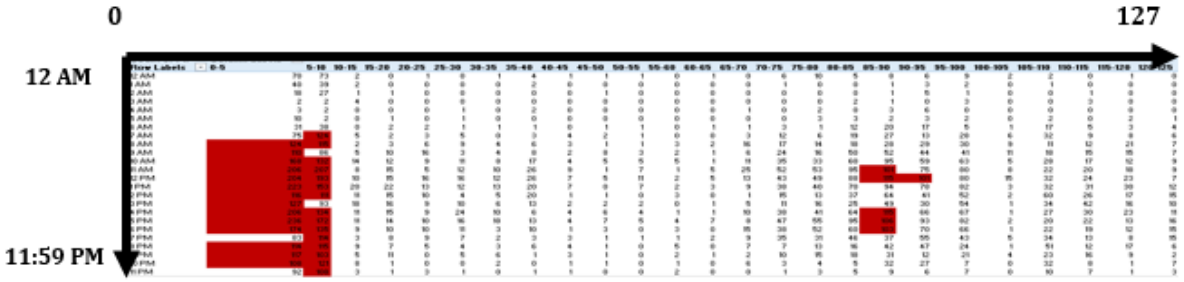


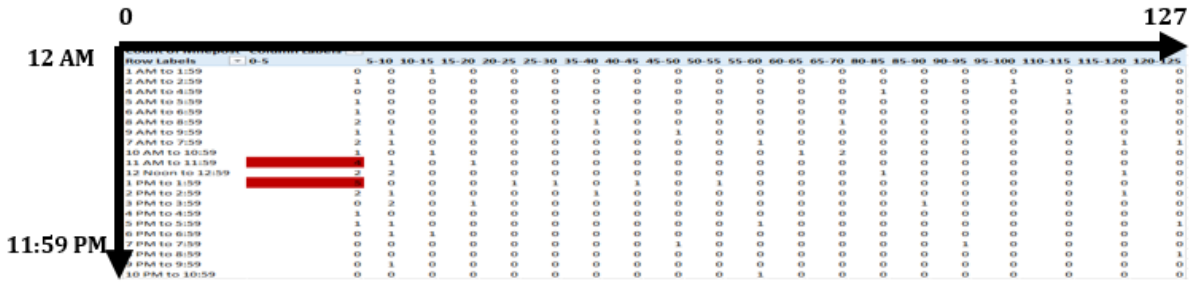
Figure 49. Monthly Variation of Truck Crashes and Citation, US-26

Spatial temporal analysis for US-26 is presented in Figure 50. Legible figures of the spatial temporal analysis can be found in Appendix 8. The purpose of this analysis is to clarify the benefit of using spatial temporal analysis in helping WHP to identify locations where they need to allocate their resources and to investigate whether the WHP was allocating their resources at the locations with high crash frequency or not. Four years of available crash and citation data were used in this analysis on route US-26 from 2011 to 2014. Figure 50a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 50b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations. This data is also

broken down based on the time of day the crash occurred. As can be seen from Figure 50a, there were few locations where more than 100 citations were issued over a four-year period. As can be observed from Figure 50b, there were only two locations where there were three or more truck crashes within a mile span.



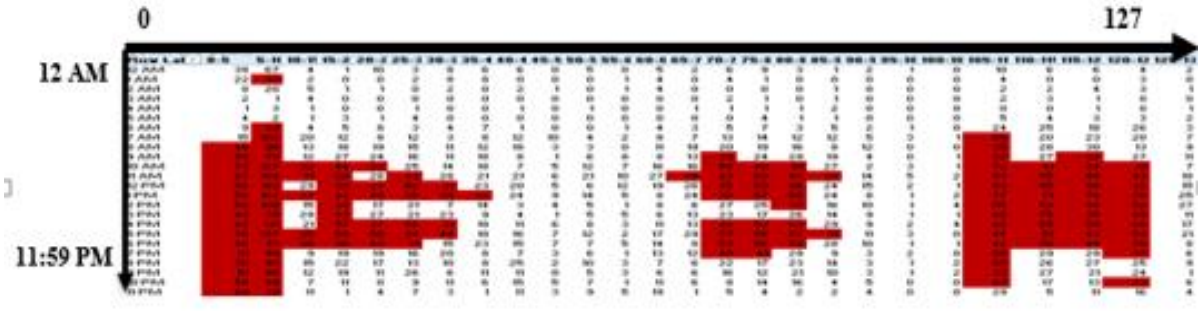
a. Citations greater than 100



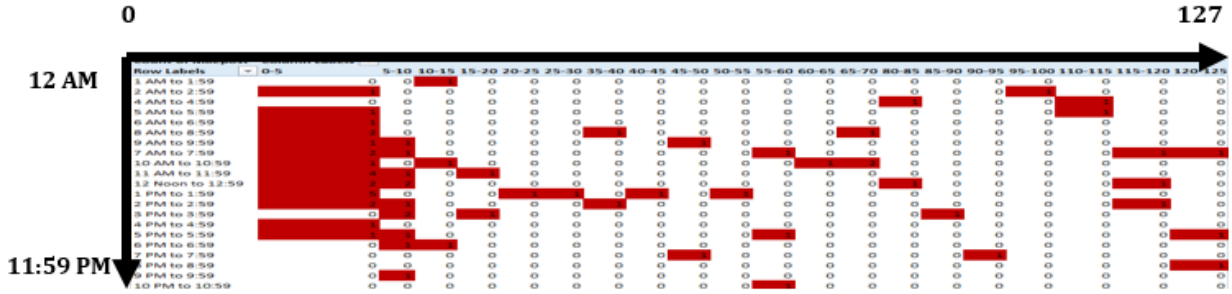
b. Three or more truck crashes

Figure 50. Spatial Temporal Analysis for US-26

A second spatial temporal analysis for US-26 is presented in Figure 51. Unlike the previous figures, Figure 52a presents the results of the analysis and highlights mile segments in red where over 30 citations have been issued over the four-year period from 2011 to 2014. The citations are also broken down based on the time of day they were issued. Figure 52b presents the results of the analysis and highlights mile segments in red where more than one truck crash occurred within the same mile segments as the citations. This spatial temporal analysis gave a more clear representation of where resources from the WHP were being allocated, since there were not many locations with greater than 100 citations and 3 truck crashes. As can be seen from Figure 51a, WHP allocated most of their enforcement resources on US-26 at the locations highlighted in red. As can be observed from Figure 51b, the WHP is allocating their resources to most of the locations where there was one or more truck crash.



a. Citations greater than 30



b. More than one truck crash

Figure 51. Spatial Temporal Analysis 2 for US-26

The type of citations issued over a four-year period, from 2011 to 2014, on US-26 are presented in Table 19. More than a thousand different citation types used in this study were categorized into 10 groups including speeding, seat belt, crash predictor, driving under influence (DUI), Hours of Service(HOS), weight related, length related, red flag, and other vehicle related violations. Citations related to a speeding violation were issued the most on US-26 from 2011 to 2014.

Table 19. Summary of Citation Types on US-26, 2011-2014

Types of traffic Violation	2011	2012	2013	2014
Speeding	1,943	1,920	1,506	1,441
Seat Belt	337	343	295	416
Crash Predictor	67	73	55	60
Vehicle-related	84	87	54	94
DUI	26	45	36	28
HOS Violation	3	5	1	0
Weight-related	12	18	7	6
Length-related	0	0	1	0
Red Flag Violation	4	4	1	4
Others	334	330	250	322
Total	**2,810**	**2,825**	**2,206**	**2,371**

Figure 52 presents the percentage of distribution of traffic violations on US-26 from 2011 to 2014. Violations regarding speeding were significantly issued more than any other citation. Figure 53 presents the driver action in the truck crashes analyzed on US-26. No improper driving was the leading driver action in truck related crashes on US-26 at 28 percent. The figure shows 12 percent of drivers failed to keep the proper lane at the time of the crash, while 7 percent of drivers were driving too fast for conditions. From Figure 52 and Figure 53, it can be concluded that issuing more speeding violations may be effective in preventing crashes related to speeding.

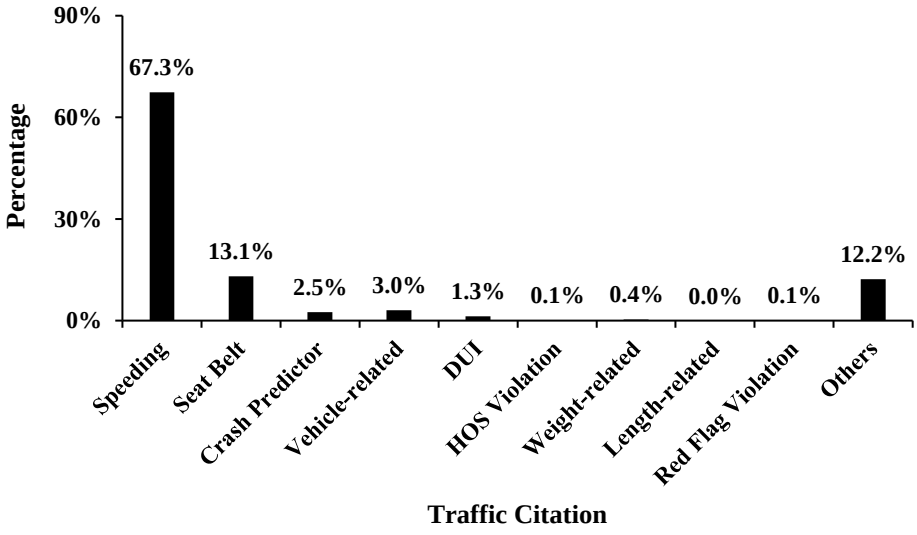


Figure 52. Driver Citation Types on US-26, 2011-2014

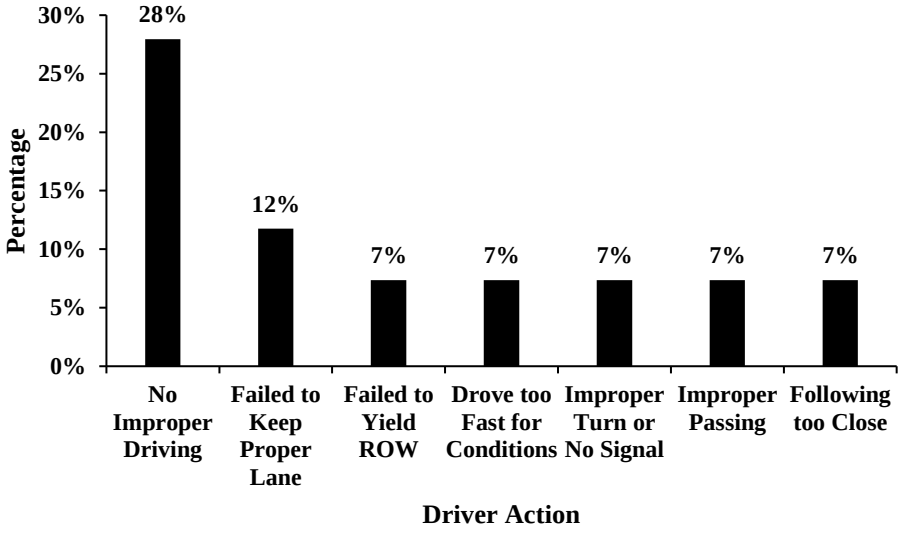


Figure 53. Driver Action in Truck-involved Crashes, 2011-2014

A summary of truck crash rates and citation rates per 100 million vehicle miles traveled on US-26 from 2011 to 2014 are presented in Table 20. There were more citations given in 2012 than

any other year, while 2012 also had the highest rate of crashes per 100 million vehicle miles traveled on US-26.

Table 20. Summary of Crash Rate and Citation rate on US-26, 2011-2014

Year	AADT	Citations				Crashes			
		Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
		Count	Rate	Count	Rate	Count	Rate	Count	Rate
2011	2486	2810	645	867	199	16	3	140	30
2012	2601	2825	620	905	199	13	3	164	34
2013	2459	2206	512	700	162	18	4	134	29
2014	2528	2371	535	930	210	13	3	150	32

Figure 54 presents the amount of drivers licensed in each states that were involved in truck-crashes or traffic violations on US-26 from 2011 to 2014. More Wyoming licensed drivers were issued a citation on US-26 than any other license from another state. Wyoming also had more licensed drivers involved in a truck crash on US-26 than any other driver licensed from another state. Texas had the second highest amount of licensed drivers involved in a truck crash followed closely by Utah and Colorado. Colorado and Texas had the second highest amount of licensed drivers issued a violation on US-26 over the four year period.

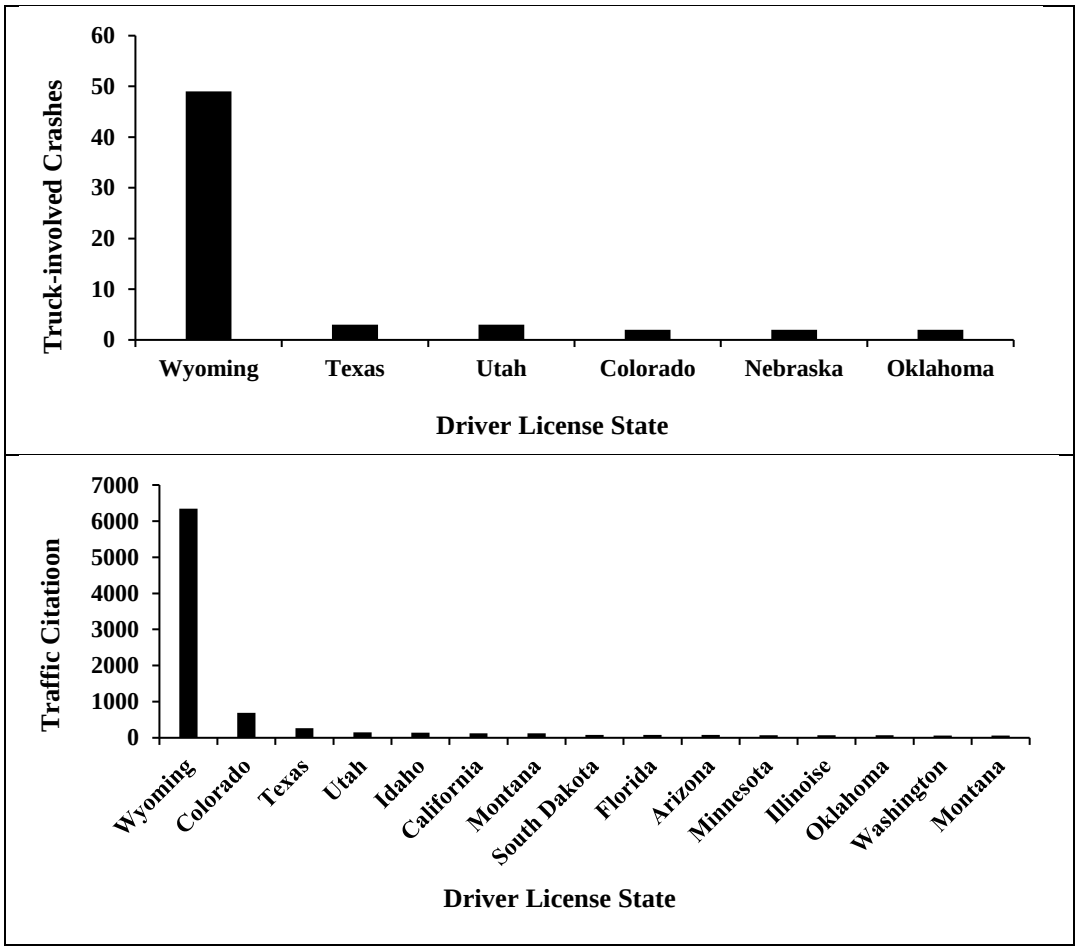


Figure 54. Truck-involved Crashes and Traffic Citation on US-26, 2011-2014

Figure 55 presents the time distribution of truck-involved crashes and citations on US-26 from 2011 – 2014. Around 5:00 AM, it can be seen that the amount of traffic violations began to increase, while the amount of truck-involved crashes began to increase as well. Around 1:00 P.M., the truck-involved crashes begin to decline while the traffic violations decrease temporarily and then continued to increase.

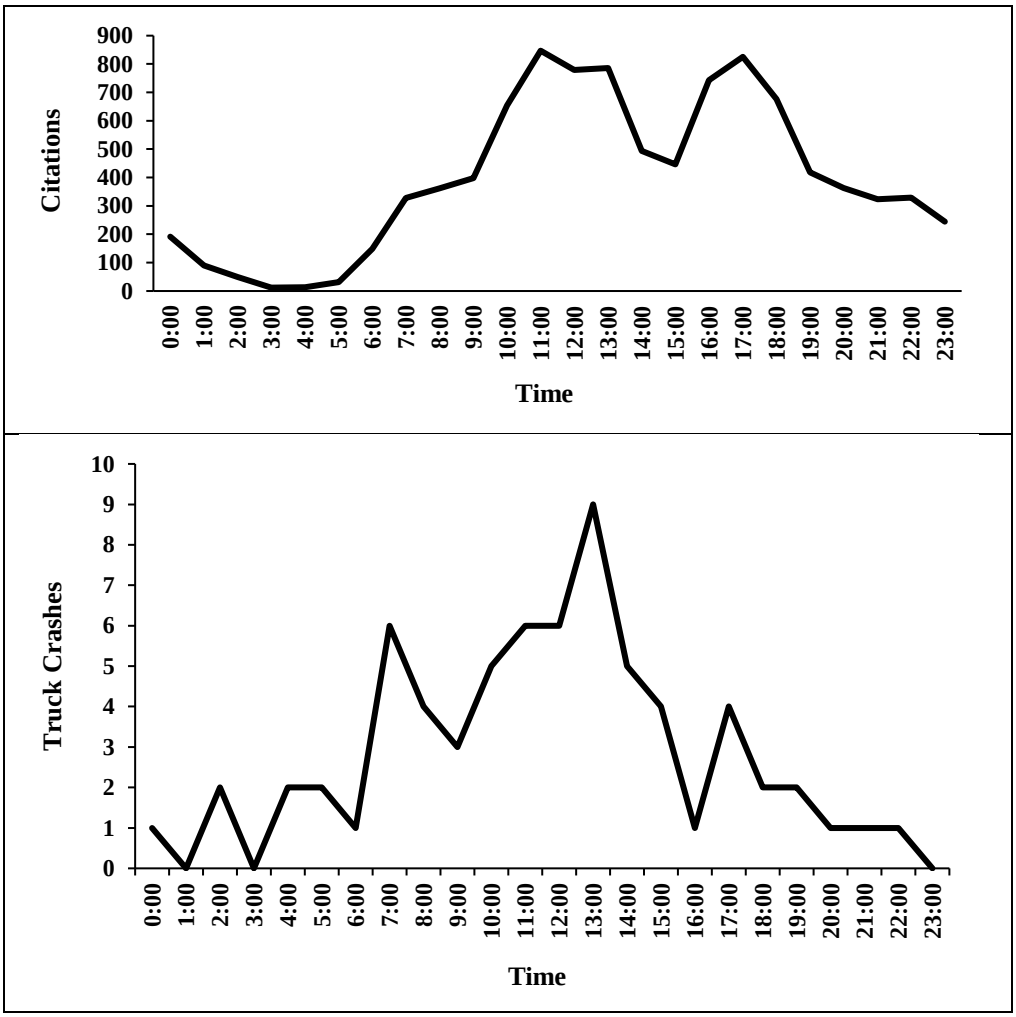
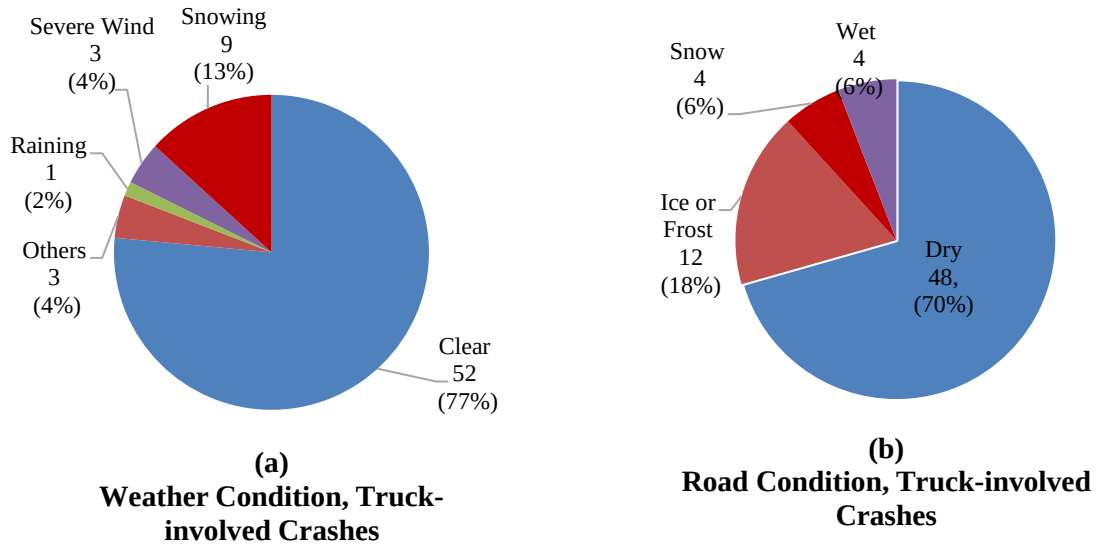


Figure 55. Distribution of Truck-involved Crashes and Citations Time on US-26, 2011-2014

The weather and road conditions that occurred during truck-involved crashes on US-26 from 2011 to 2014 are presented in pie charts in Figure 56. From this figure, it can be seen that 13 percent of truck-involved crashes on US-26 occurred during snowy or blizzard conditions, while 24 percent of truck-involved crashes occurred when road conditions were icy or snowy.

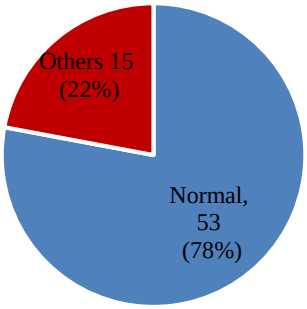


(a)
Weather Condition, Truck-involved Crashes

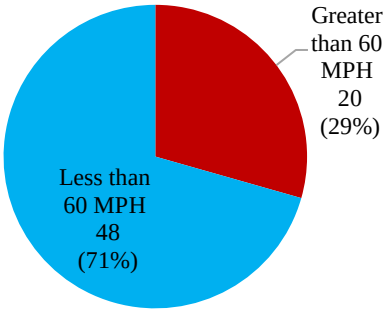
(b)
Road Condition, Truck-involved Crashes

Figure 56. Weather and Road Condition in Truck-involved Crashes, US-26, 2011-2014

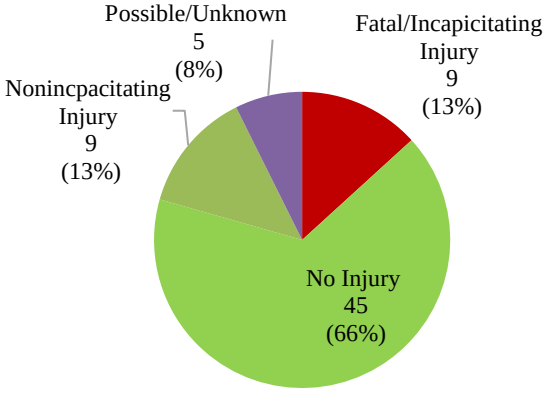
Figure 57 presents information on the different characteristics of the truck-involved crashes on US-26 from 2011 to 2014. Driver impairment, speed of the driver at fault, crash severity, first harmful event, truck type, and the truck involvement information are presented as pie charts. Twenty-two percent of the truck-involved crashes on US-26 involved an impaired driver under the influence of drugs and alcohol. The driver at fault in a truck-involved crash, traveling faster than 60 mph, accounted for 29 percent of the truck related crashes on US-26. Colliding with another motor vehicle in transport accounted for 72 percent of the first harmful events involved in truck related crashes. Thirteen percent of the crashes involved with trucks involved a jackknife maneuver or overturn. Considering crash severity, 66 percent of the truck-involved crashes resulted in no injury, or an unknown case. The analysis of the type of truck-involved in a crash on US-26 revealed that 41 percent of the truck-involved crashes involved a heavy truck.



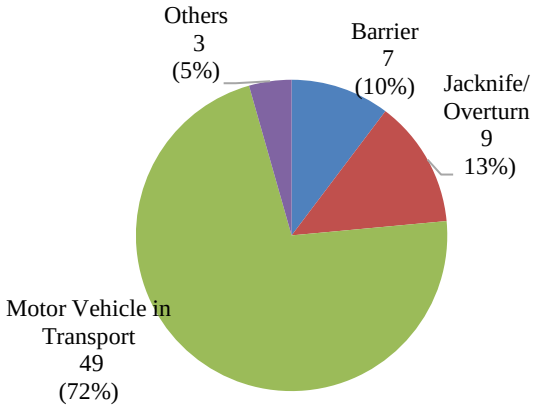
(a)
Driver Impairment, Truck-involved Crashes



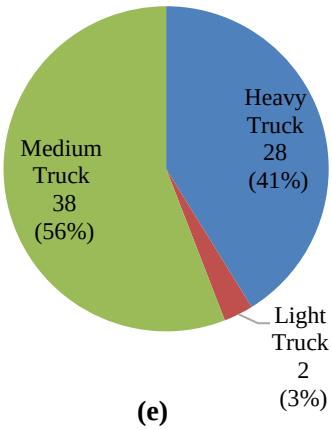
(b)
Driver at fault Speed, Truck-involved Crashes



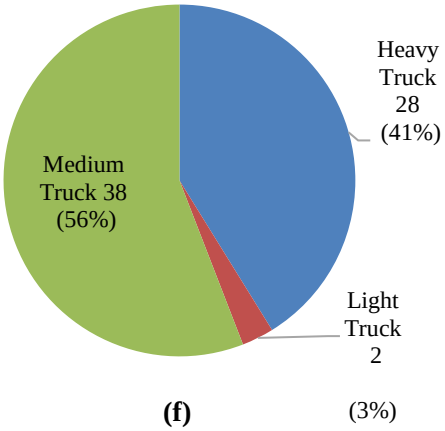
(c)
Crash Severity, Truck-involved Crashes



(d)
First Harmful Event, Truck-involved Crashes



(e)
Truck Types, Truck-involved Crashes



(f)
Truck Involvement in Truck Crashes

Figure 57. Different Characteristics of Truck-involved Crashes, 2011-2014

WY-59

A descriptive analysis was performed on each of the three zones within the study. This section describes the data analysis performed on zone three, including WY-59. Figure 58 presents the monthly variation of truck crashes and traffic citations over a four-year period from 2011 to 2014. Figure 58 presents this information from milepost 0 to milepost 66.2. Figure 59 presents this information from milepost 66.2 to milepost 115. The traffic citations include citations given to all vehicles, not just commercial vehicles. Including all citation data was a better representation of where there were higher points of enforcement. Both figures concluded when there was a lower amount of truck crashes, there was a higher amount of traffic citations issued.

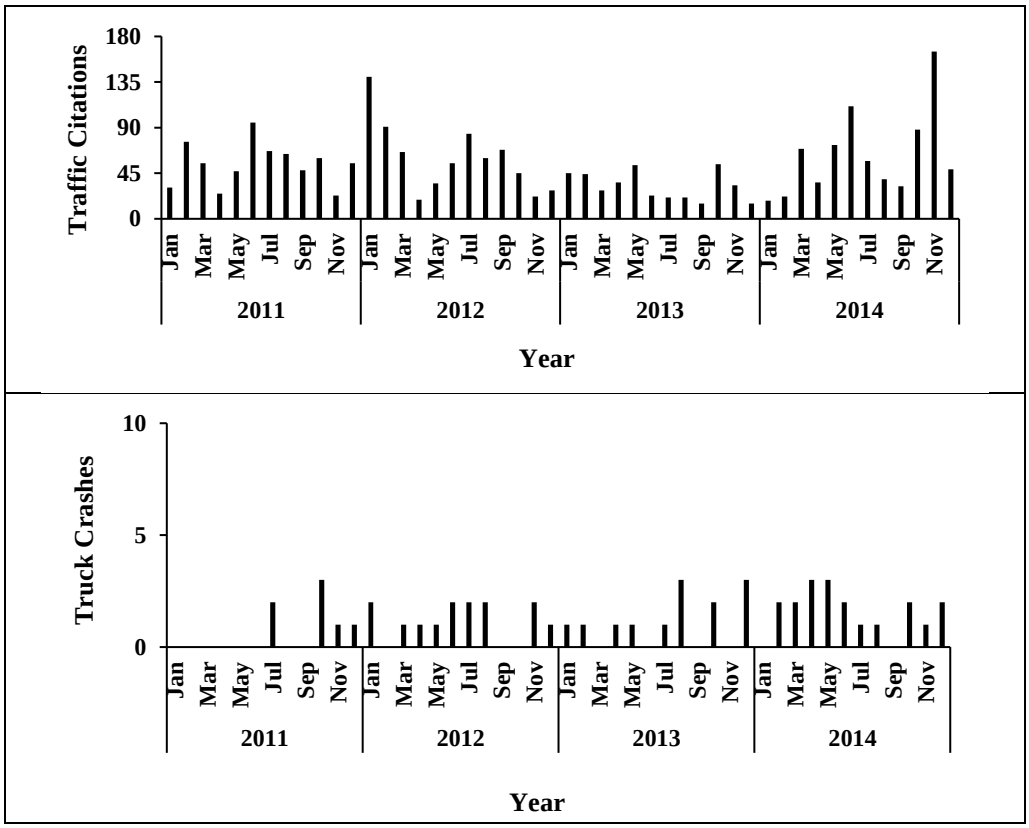


Figure 58. Monthly Variation of Truck Crashes and Citations on WY-59 (Milepost 0 to 66.2)

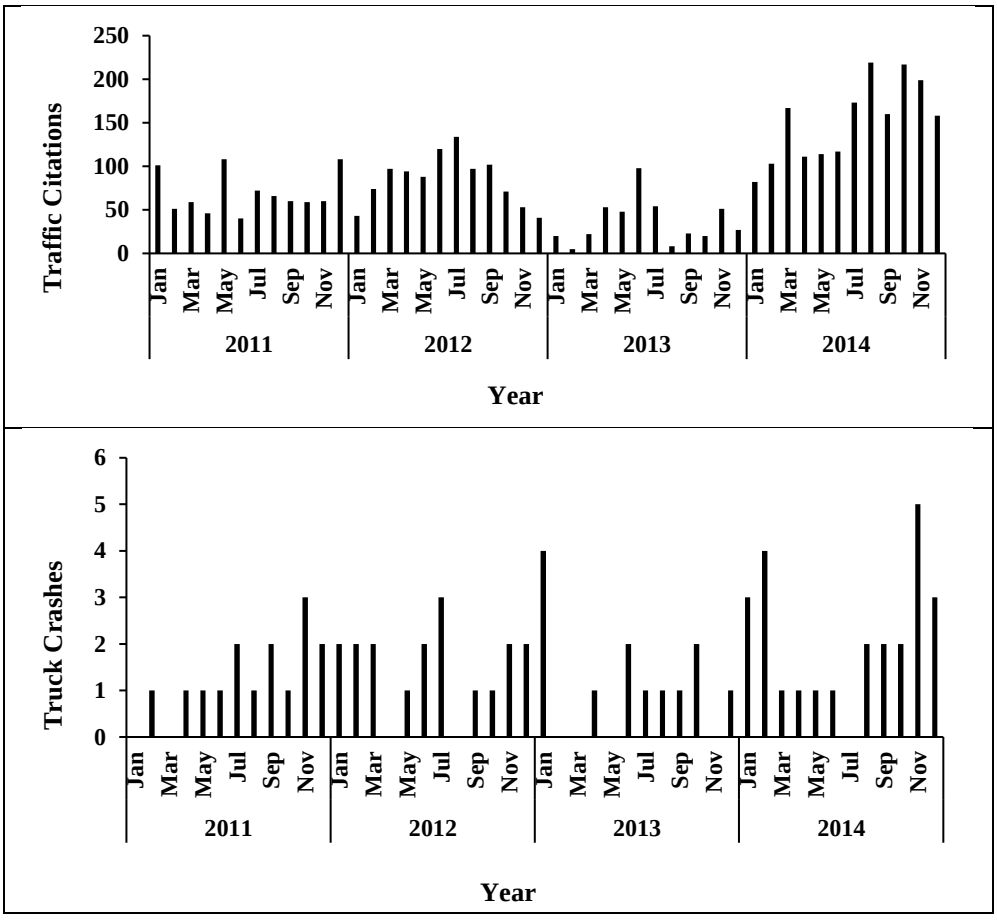
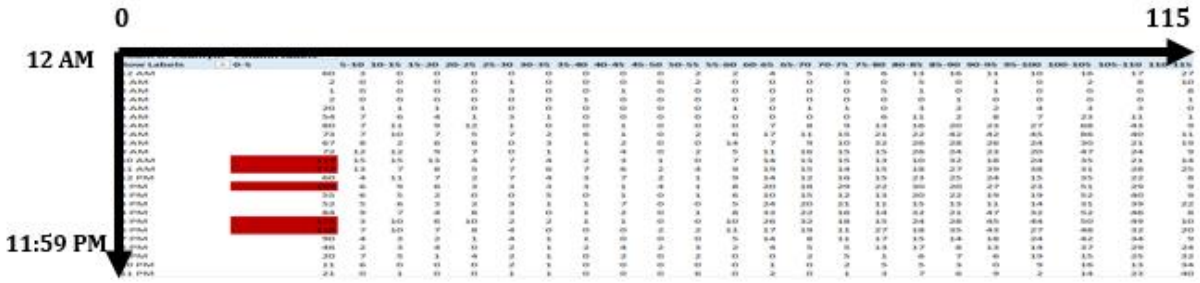
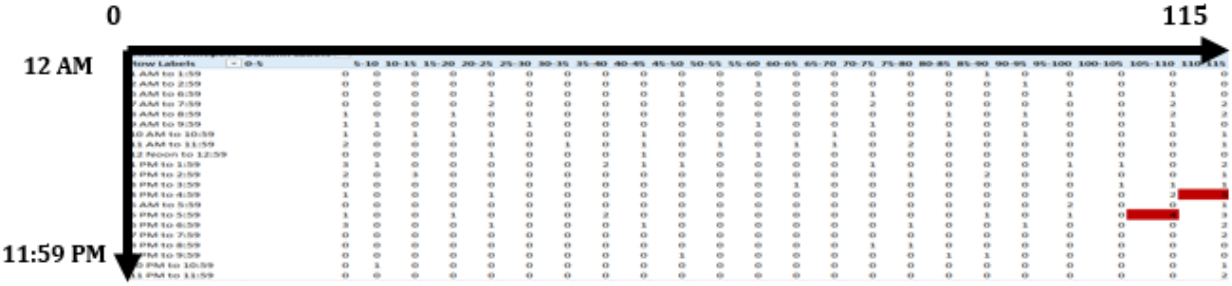


Figure 59. Monthly Variation of Truck Crashes and Citations on WY-59 (Milepost 66.2 to 115)

Spatial temporal analysis for WY-59 is presented in Figure 60. Legible figures of the spatial temporal analysis can be found in Appendix 8. The purpose of this analysis is to clarify the benefit of using spatial temporal analysis in helping WHP to identify locations where they need to allocate their resources and to investigate whether the WHP was allocating their resources at the locations with high crash frequency or not. Four years of available crash and citation data were used in this analysis on route US-26 from 2011 to 2014. Figure 60a presents the results of the analysis and highlights mile segments in red where over 100 citations have been issued over the four-year period. The citations are also broken down based on the time of day they were issued. Figure 60b presents the results of the analysis and highlights mile segments in red where three or more crashes occurred within the same mile segments as the citations. This data is also broken down based on the time of day the crash occurred. As can be seen from Figure 60a, there were few locations where more than 100 citations were issued over a four-year period. As can be observed from Figure 60b, there were only two locations where there were three or more truck crashes within a mile span.



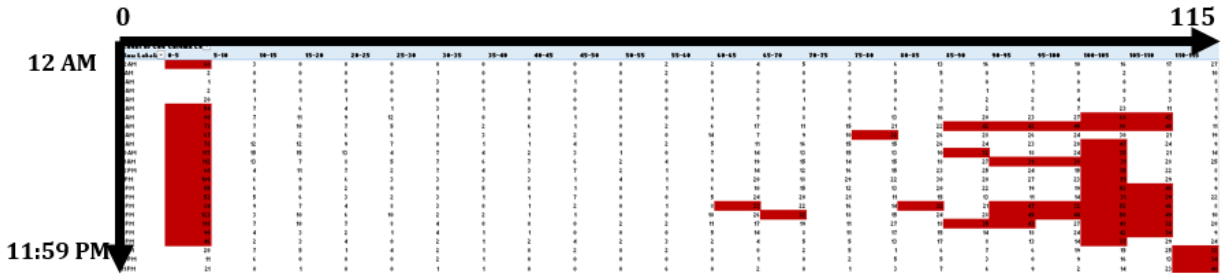
a. Citations greater than 100



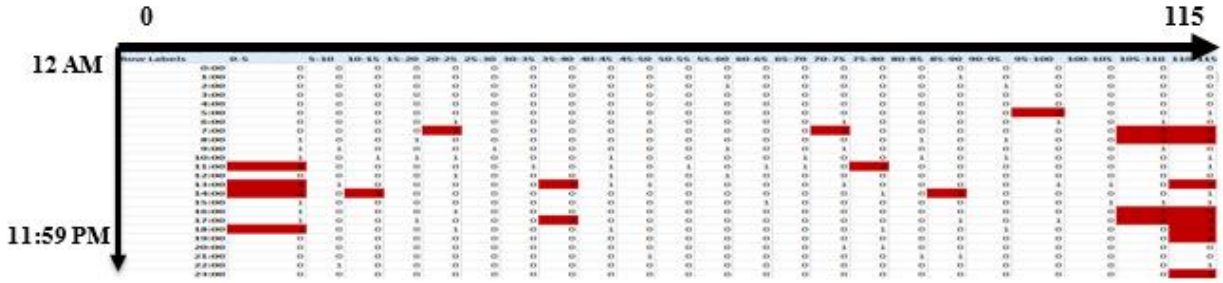
b. Three or more truck crashes

Figure 60. Spatial Temporal Analysis WY-59 for 2011-2014

A second spatial temporal analysis for WY-59 is presented in Figure 61. Unlike the previous figures, Figure 61a presents the results of the analysis and highlights mile segments in red where over 30 citations have been issued over the four-year period from 2011 to 2014. The citations are also broken down based on the time of day they were issued. Figure 61b presents the results of the analysis and highlights mile segments in red where more than one truck crash occurred within the same mile segments as the citations. This spatial temporal analysis gave a more clear representation of where resources from the WHP were being allocated, since there were not many locations with greater than 100 citations and 3 truck crashes. As can be seen from Figure 61a, WHP allocated most of their enforcement resources on US-26 at the locations highlighted in red. As can be observed from Figure 61b, the WHP did not allocate their resources to the locations where there was one or more truck crash.



a. Citations greater than 30



b. More than one truck crash

Figure 61. Spatial Temporal Analysis 2 WY-59 for 2011-2014

The type of citations issued over a four-year period, from 2011 to 2014, on WY-59 are presented in Table 21. Table 21 only presents the information on WY-59 from milepost 0 to milepost 66.2. Table 22 presents the information on WY-59 from milepost 66.2 to milepost 115. More than a thousand different citation types used in this study were categorized into 10 groups including speeding, seat belt, crash predictor, driving under influence (DUI), Hours of Service (HOS), weight related, length related, red flag, and other vehicle related violations. Citations related to a speeding violation were issued the most on WY-59 from 2011 to 2014.

Table 21. Summary of Types of Citation on WY-59, (Milepost 0 to 66.2)

Types of Traffic Violation	2011	2012	2013	2014
Speeding	603	699	272	1199
Seat Belt	83	140	60	217
Crash Predictor	24	30	20	83
Vehicle-related	24	35	15	43
DUI	13	2	13	36
Overdrive Violation	0	1	0	1
Weight-related	6	8	0	7
Length-related	1	2	0	3
Red Flag Violation	0	6	1	8
Others	76	91	48	222
Total	830	1014	429	1819

Table 22. Summary of Types of Citation on WY-59, (Milepost 66.2 to 115)

Types of traffic Violation	2011	2012	2013	2014
Speeding	450	477	246	576
Seat Belt	51	70	26	44
Crash Predictor	23	24	15	23
Vehicle-related	19	22	13	13
DUI	12	8	5	7
Overdrive Violation	1	0	0	0
Weight-related	5	6	5	3
Length-related	7	9	2	2
Red Flag Violation	4	11	3	4
Others	74	85	73	87
Total	**646**	**712**	**388**	**759**

Figure 62 presents the percentage of distribution of traffic violations on WY-59 from 2011 to 2014. Violations regarding speeding were significantly issued more than any other citation. Figure 63 presents the driver action in the truck crashes analyzed on WY-59. No improper driving was the leading driver action in truck related crashes on WY-59 at 27 percent. The figure shows 10 percent of drivers failed to keep the proper lane at the time of the crash, while 9 percent of drivers committed another type of improper maneuver. From Figure 62 and Figure 63, it can be concluded that issuing more speeding violations may be effective in preventing crashes related to speeding or improper maneuvers.

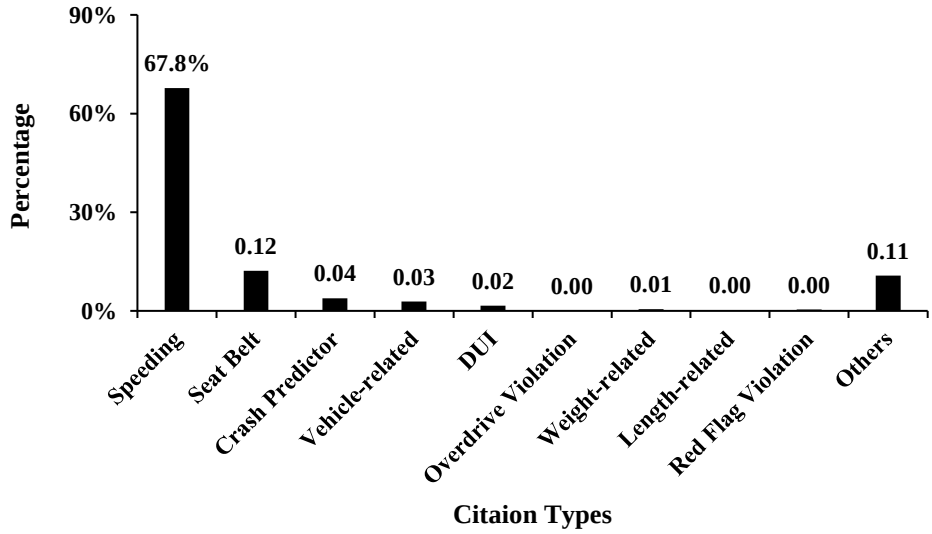


Figure 62. Distribution of Traffic Violation on WY-59

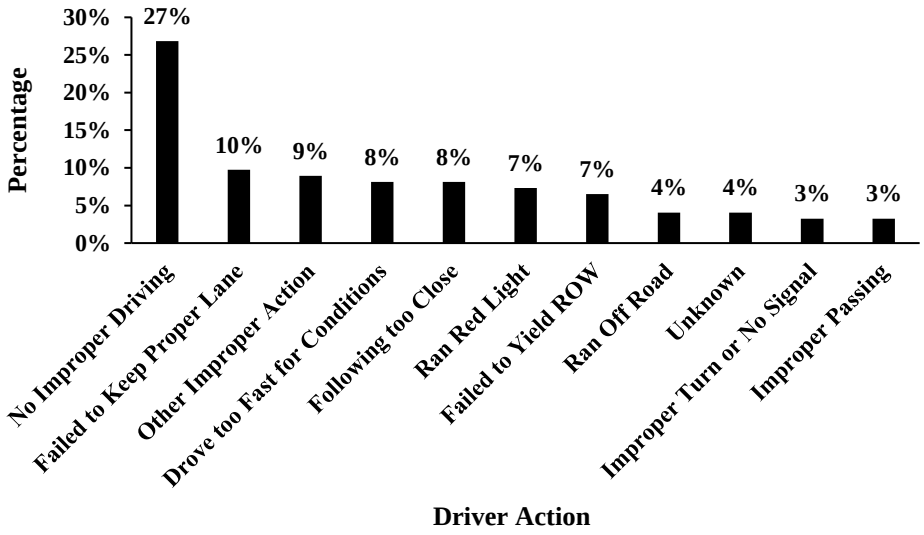


Figure 63. Driver Action in Truck-involved Crashes on WY-59, 2011-2014

A summary of truck crash rates and citation rates per 100 million vehicle miles traveled on WY-59 from 2011 to 2014 are presented in Table 23. There were more citations given in 2014 than any other year, while 2014 also had the highest rate of truck-involved crashes per 100 million vehicle miles traveled on WY-59.

Table 23. Summary of Crash Rate and Citation Rate on WY-59, 2011-2014

Year	AADT	Citations				Crashes			
		Speeding		Non-Speeding		Truck-involved		Non-Truck-involved	
		Count	Rate	Count	Rate	Count	Rate	Count	Rate
2011	9412	450	28	196	12	22	1.39	285	18
2012	10007	477	28	235	13	31	1.84	229	13.6
2013	9361	246	16	142	9	26	1.65	274	17.4
2014	9692	576	35	183	11	44	2.7	273	16.8

Figure 64 presents the amount of drivers licensed in each states that were involved in truck-crashes or traffic violations on WY-59 from 2011 to 2014. More Wyoming licensed drivers were issued a citation on WY-59 than any other license from another state. Wyoming also had more licensed drivers involved in a truck crash on WY-59 than any other driver licensed from another state. Colorado had the second highest amount of licensed drivers involved in a truck crash followed closely by South Dakota. Colorado and Texas had the second highest amount of licensed drivers issued a violation on WY-59 over the four year period.

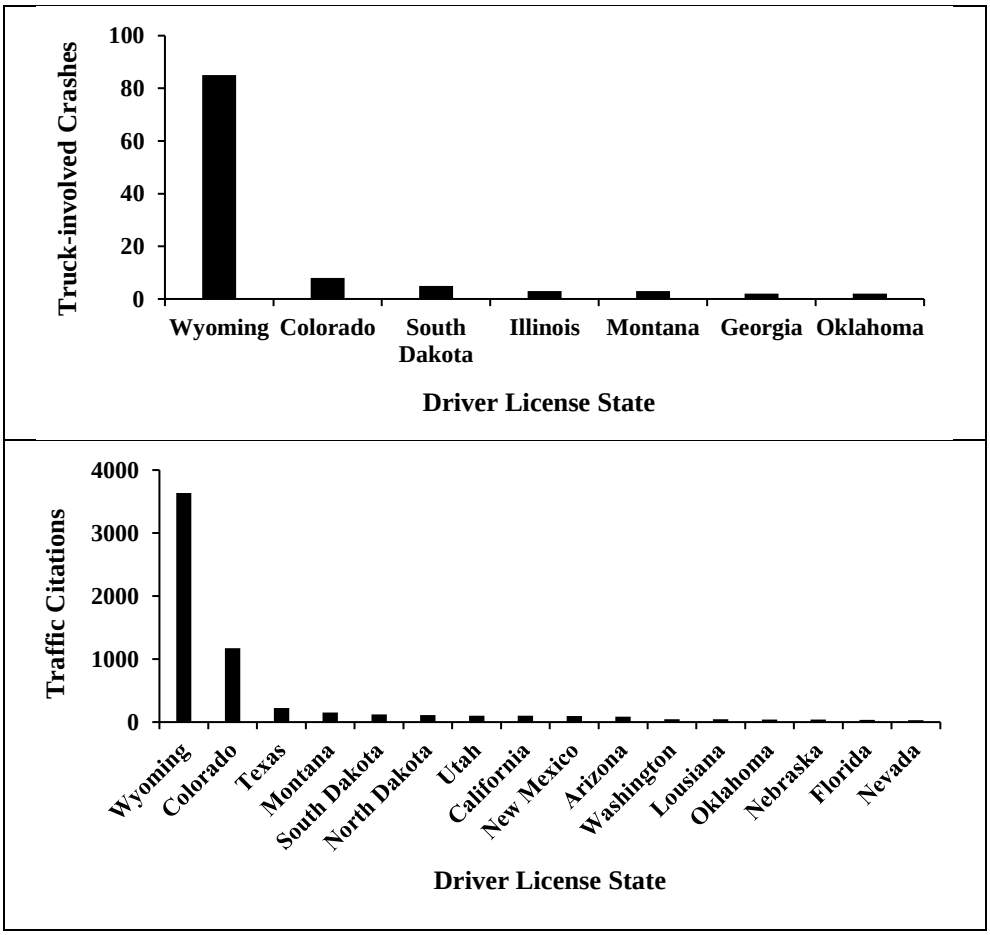


Figure 64. Truck-involved Crashes and Traffic Violation on WY-59, Based on State Drivers' License, Descending Order

Figure 65 presents the time distribution of truck-involved crashes and citations on WY-59 from 2011 – 2014. Around 5:00 AM, it can be seen that the amount of traffic violations began to increase, while the amount of truck-involved crashes began to increase as well. Uniquely, the trend of truck-involved crashes closely follows the trend of the amount of citations given throughout the day.

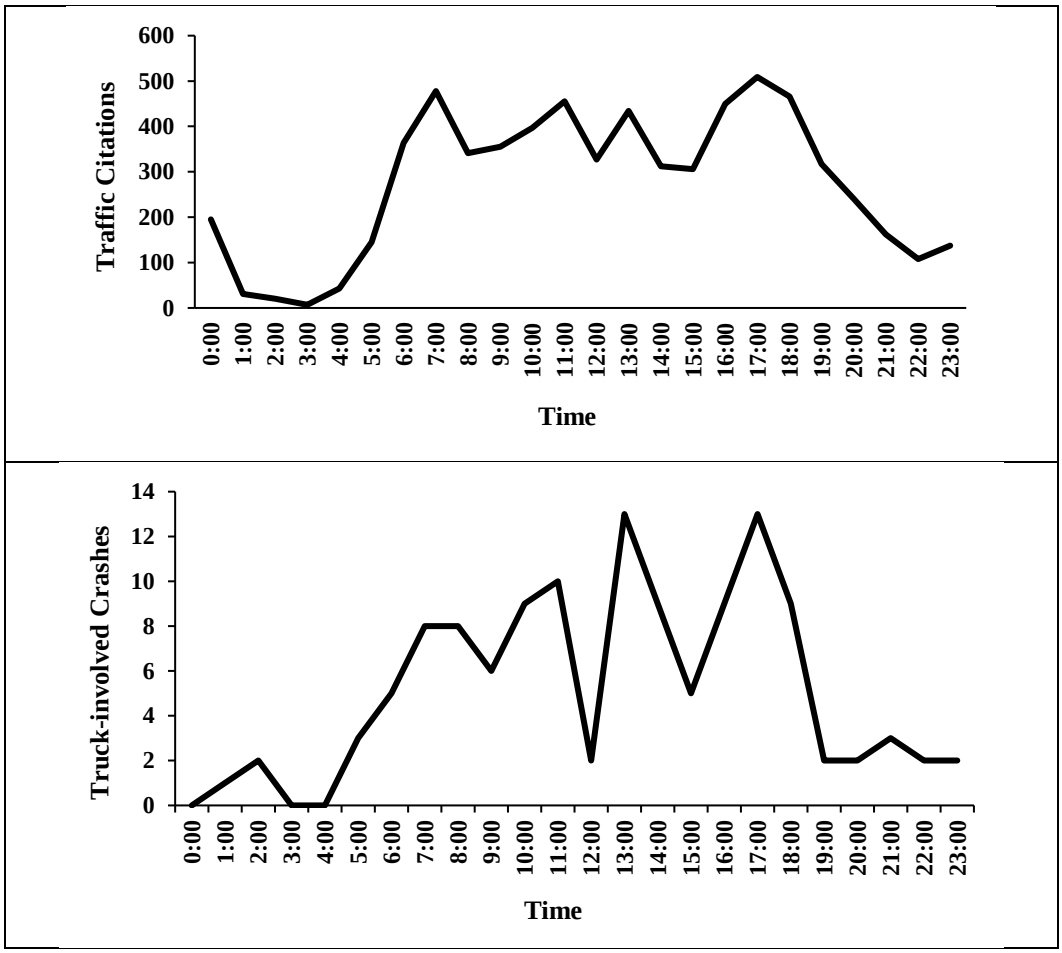
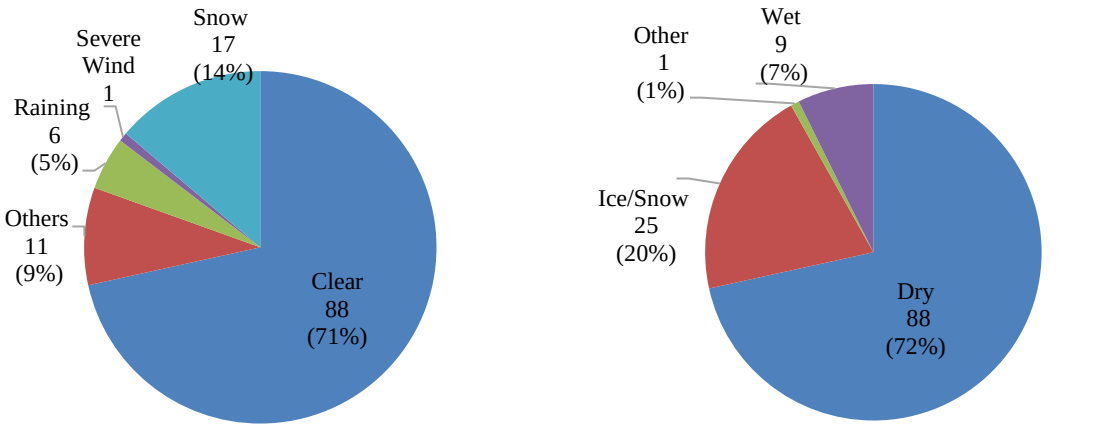


Figure 65. Truck-involved Crashes and Citations Time Distributions on WY-59, 2011-2014

The weather and road conditions that occurred during truck-involved crashes on WY-59 from 2011 to 2014 are presented in pie charts in
Figure 66. From this figure, it can be seen that 14 percent of truck-involved crashes on WY-59 occurred during snowy or blizzard conditions, while 20 percent of truck-involved crashes occurred when road conditions were icy or snowy.

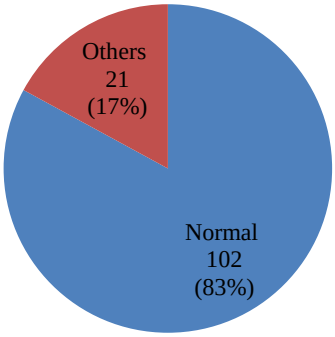


(a)
Weather Condition, Truck-involved Crashes

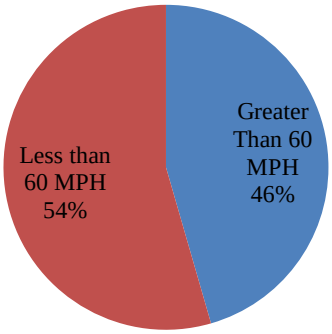
(b)
Road Condition, Truck-involved Crashes

Figure 66. Weather and Road Condition in Truck-involved Crashes, 2011-2014

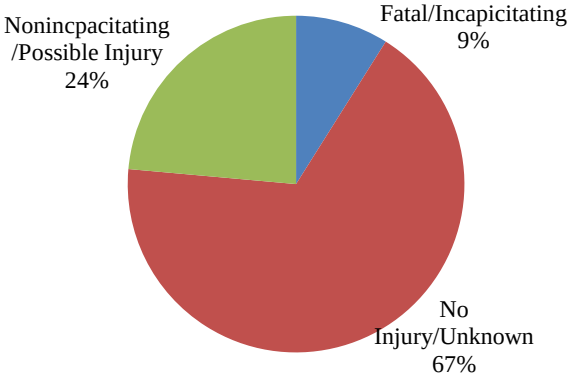
Figure 67 presents information on the different characteristics of the truck-involved crashes on WY-59 from 2011 to 2014. Driver impairment, speed of the driver at fault, crash severity, first harmful event, truck type, and the truck involvement information are presented as pie charts. Seventeen percent of the truck-involved crashes on WY-59 involved an impaired driver under the influence of drugs and alcohol. The driver at fault in a truck-involved crash, traveling faster than 60 mph, accounted for 46 percent of the truck related crashes on WY-59. Colliding with another motor vehicle in transport accounted for 77 percent of the first harmful events involved in truck related crashes. Six percent of the crashes involved with trucks involved a jackknife maneuver or overturn. Considering crash severity, 67 percent of the truck-involved crashes resulted in no injury, or an unknown case. The analysis of the type of truck-involved in a crash on WY-59 revealed that 81 percent of the truck-involved crashes involved a heavy truck. Thirty percent of truck-involved crashes were caused by the truck-involved.



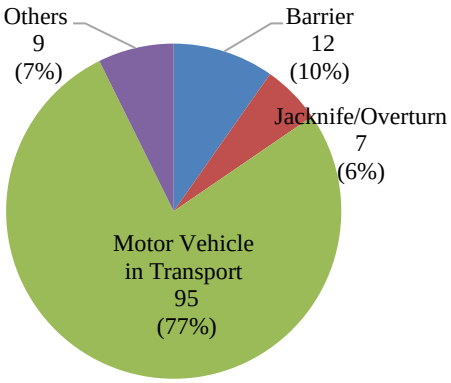
(a)
Drive Impairment, Truck-involved Crashes



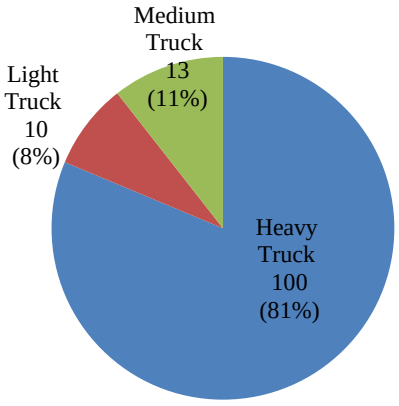
(b)
Driver at Fault Speed, Truck-involved Crashes



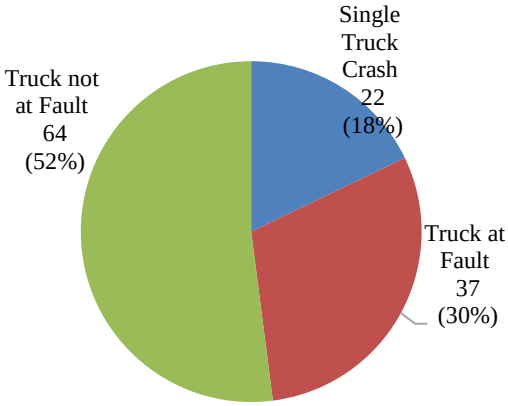
(c)
Crash Severity, Truck-involved Crashes



(d)
First Harmful Event, Truck-involved Crashes



(e)
Truck Types, Truck-involved Crashes



(f)
Truck Involvement in Truck Crashes

Figure 67. Different Characteristics of Truck-involved Crashes, 2011-2014

COMPARISON OF INTERSTATES

The following section will detail the comparison of truck crash rates and citation rates established in the previous sections based on each zone including an interstate. Figure 68 presents the citation and truck crash rate per 100 MVMT for I-80 in Zone 1.

Figure 69 presents the citation and truck crash rate per mile for I-80 in Zone 1. More citations were issued on I-80 eastbound than westbound, while more truck crashes occurred per 100 MVMT on I-80 westbound versus the eastbound direction.

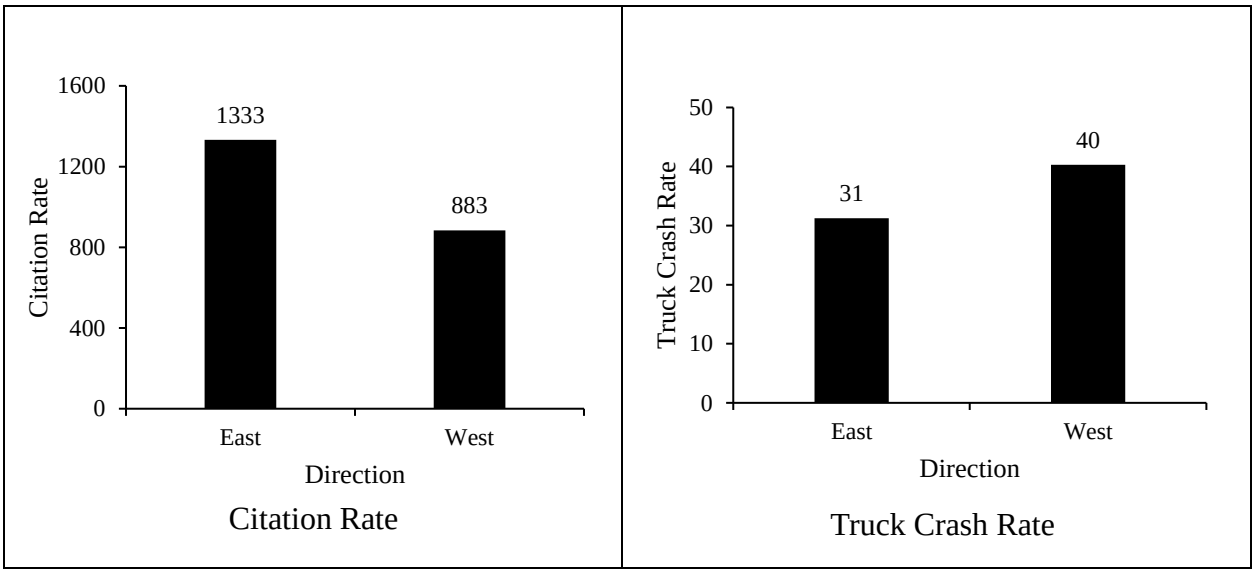


Figure 68. Traffic Citation and Truck Related Crash Rate, Zone 1

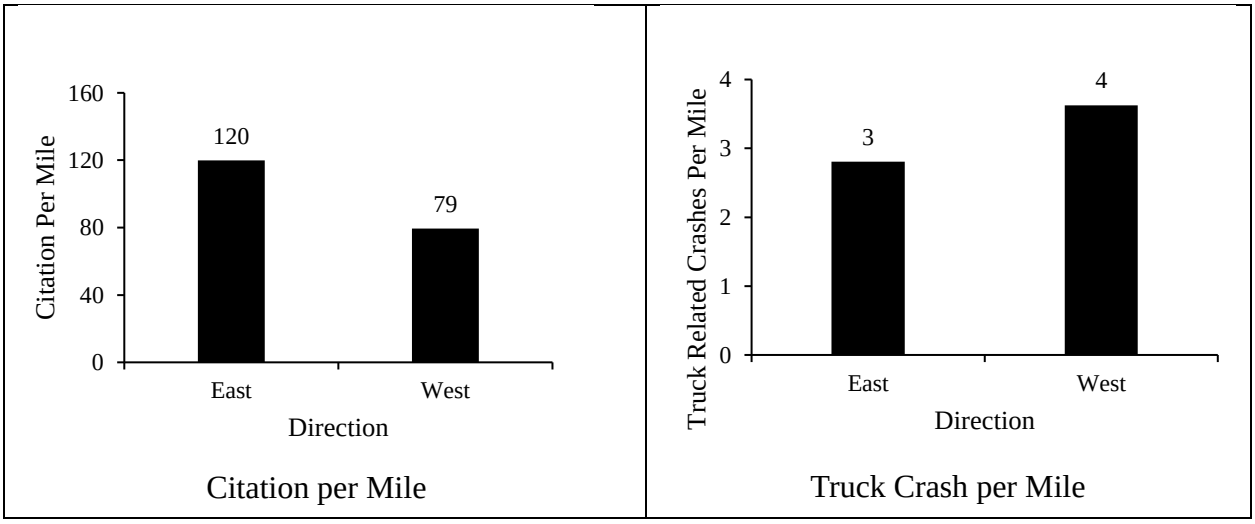


Figure 69. Traffic Citation and Truck Related Crash per Mile, Zone 1

Figure 70 graphically presents the percentage of citations that were issued in relation to speeding violations. I-80 eastbound acquired more speeding citations than I-80 westbound, potentially due to the fact I-80 eastbound had more citations issued overall.

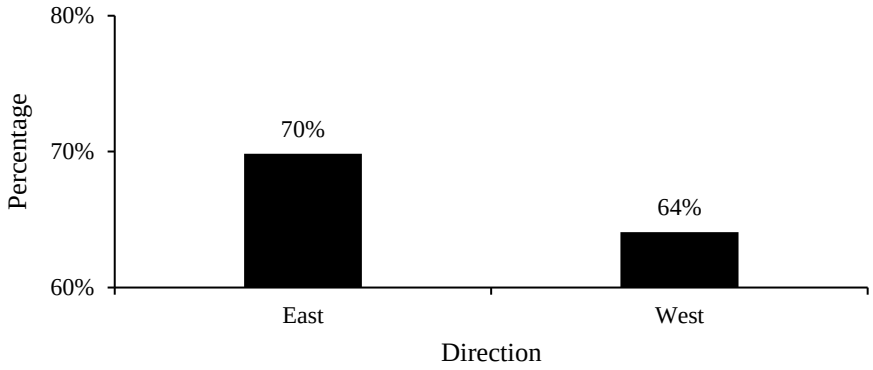


Figure 70. Speeding Related Citation Percentage, Zone 1

Table 24 presents the states with the highest number of drivers that were issued a citation, as well as the highest number of licensed drivers involved in a truck related crash.

Table 24. States with Highest Number of Violation and Truck related Crashes, Zone 1

Truck Related Crashes	Violation
California	Wyoming
Wyoming	Utah
Utah	Colorado
Colorado	California
Illinois	Illinois

Figure 71 presents the citation and truck crash rate per 100 MVMT for I-90 and I-25 in Zone 2.

Figure 72 presents the citation and truck crash rate per mile for I-90 and I-25 in Zone 2. More citations were issued on I-25 northbound than southbound, while more truck crashes occurred per 100 MVMT on I-25 northbound versus the southbound direction. I-90 had a significantly less amount of citations issued and truck crashes occurring per 100 MVMT than I-25. I-90 north and southbound did have comparable results to I-25 southbound regarding the amount of citations issued per mile. I-25 north and southbound directions had a significantly more amount of truck crashes per mile than the I-90 north or southbound directions.

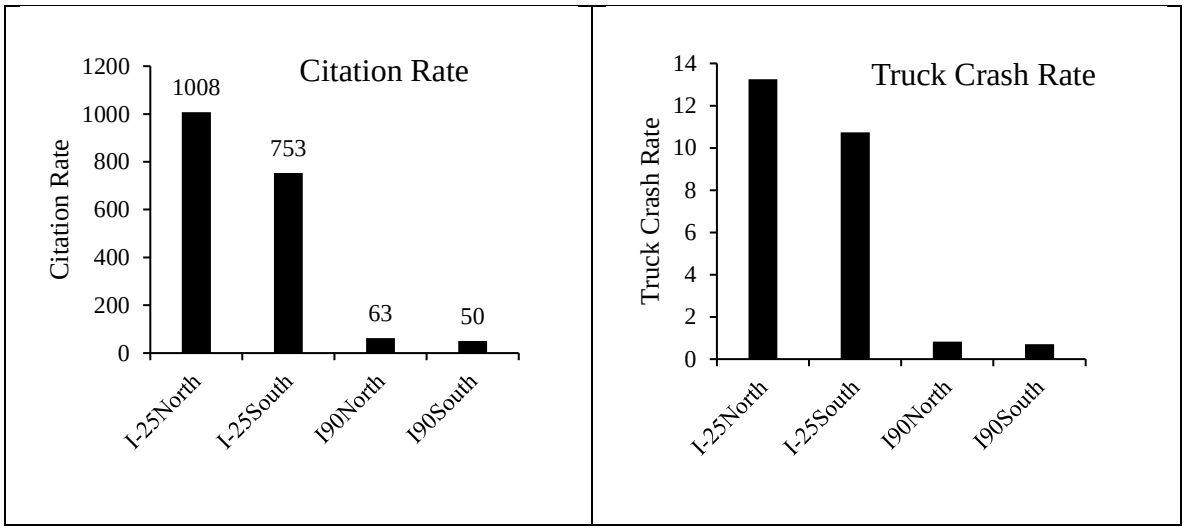


Figure 71. Traffic Citation and Truck Related Crash Rate, Zone 2

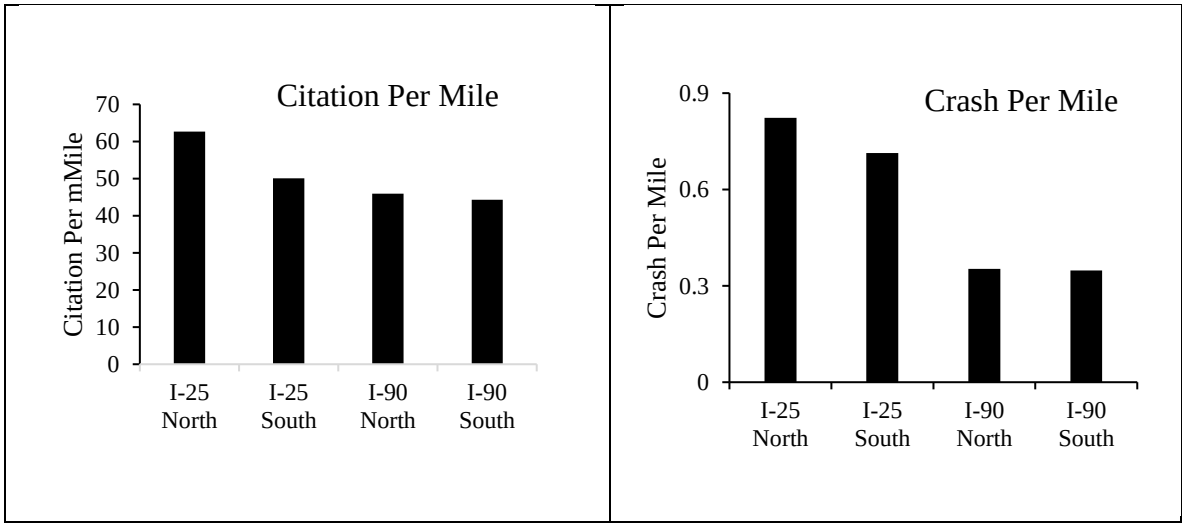


Figure 72. Traffic Citation and Truck Related Crashes per Mile

Figure 73 graphically presents the percentage of citations that were issued in relation to speeding violations on Zone 2. I-90 northbound acquired more speeding citations than the other routes or direction of travel.

Table 25 presents the states with the highest number of drivers that were issued a citation, as well as the highest number of licensed drivers involved in a truck related crash.

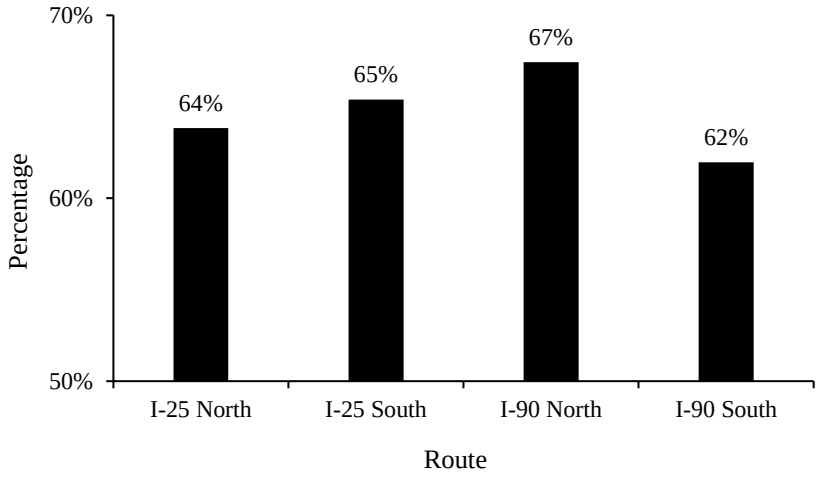


Figure 73. Speeding Related Citation Percentage, Zone 2

Table 25. States with Highest Number of Violation and Truck related Crashes, Zone 2

I-25		***I-90***	
Violation	**Truck Crash**	**Violation**	**Truck Crash**
Wyoming	Wyoming	Wyoming	Wyoming
Colorado	Colorado	South Dakota	Montana
Montana	Texas	Colorado	Colorado
Texas	California	Washington	South Dakota
California	Montana	California	Idaho

COMPARISON OF HIGHWAYS

The following section will detail the comparison of truck crash rates and citation rates established in the previous sections based on each zone including a highway. Figure 74 presents the citation and truck crash rate per 100 MVMT for the U.S. and state highways in Zone 3.

Figure 75 presents the citation and truck crash rate per mile for the U.S. and state highways in Zone 3. More citations were issued per 100 MVMT on US-26 than the other highways, while more truck crashes occurred per 100 MVMT on US-30. US-26 again had the highest amount of citations issued per mile, with WY-59 issued the least amount of citations per mile; however, WY-59 had the highest number of truck crashes per mile, while US-30 had the lowest.

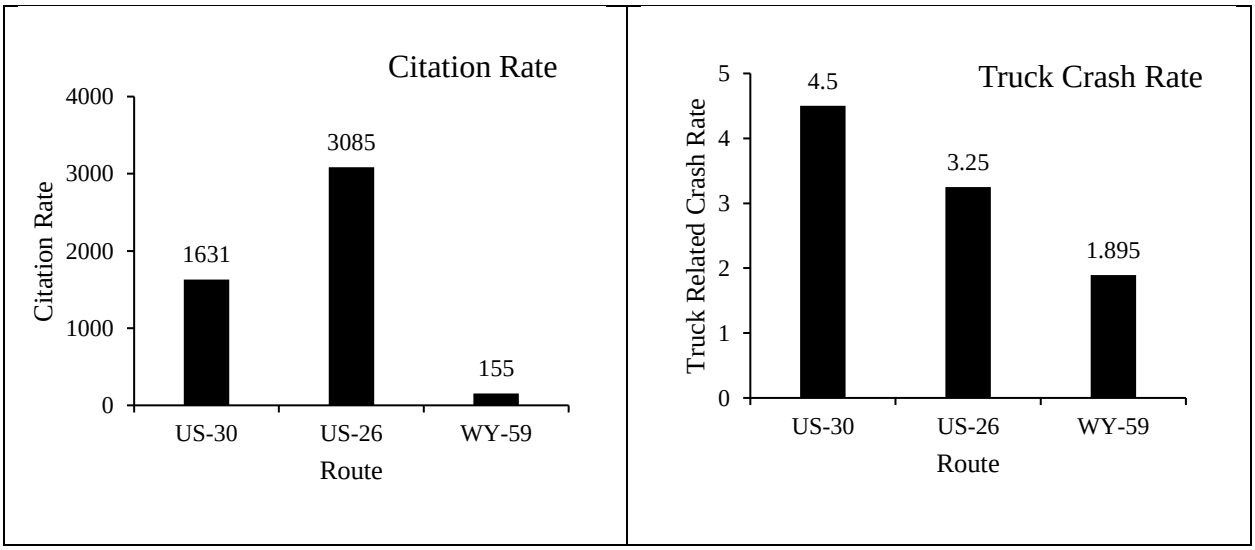


Figure 74. Traffic Citation and Truck Related Crash Rate, Zone 3

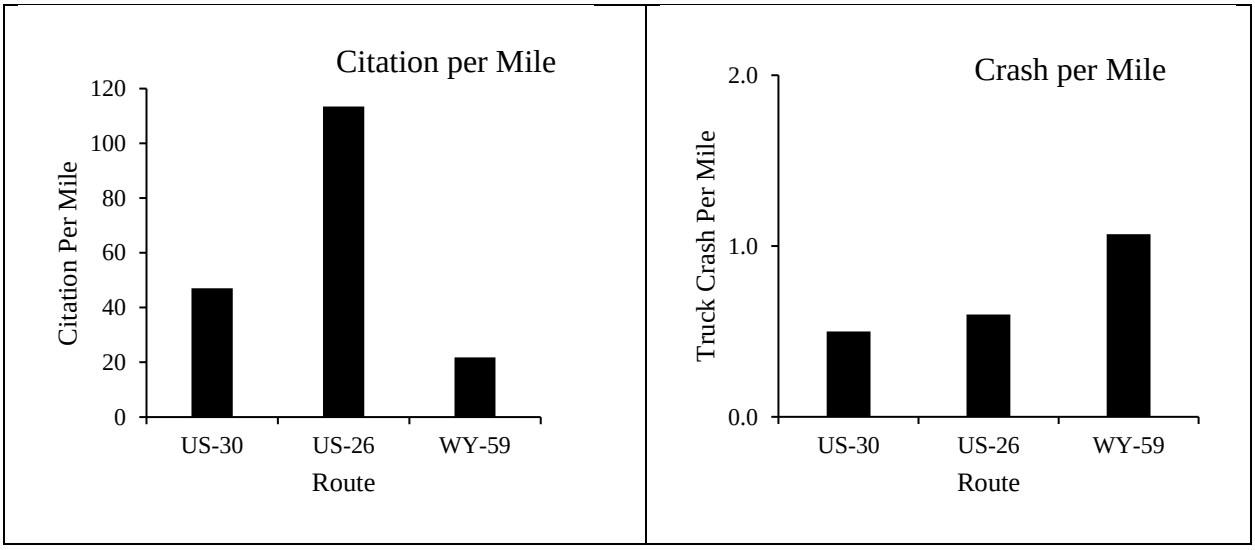


Figure 75. Traffic Citation and Truck Related Crashes per Mile, Zone 3

Figure 76 graphically presents the percentage of citations that were issued in relation to speeding violations on Zone 2. US-30 and US-26 had an equal percentage, as well as the highest percentage, of speeding citations of the three routes.

Table 26 presents the states with the highest number of drivers that were issued a citation, as well as the highest number of licensed drivers involved in a truck related crash.

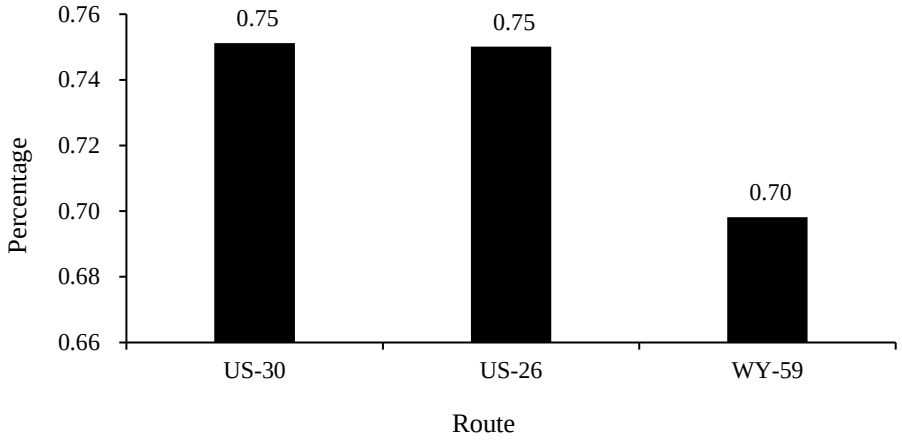


Figure 76. Speeding Related Citation Percentage, Zone 3

Table 26. States with Highest Number of Violation and Truck related Crashes, Zone 3

US-30		***US-26***		***WY-59***	
Violation	**Truck Crash**	**Violation**	**Truck Crash**	**Violation**	**Truck Crash**
Wyoming	Idaho	Wyoming	Wyoming	Wyoming	Wyoming
Idaho	Wyoming	Colorado	Texas	Colorado	Colorado
Utah	Oregon	Texas	Utah	Texas	South Dakota
Colorado	Utah	Utah	Colorado	Montana	Illinois
Washington	Indiana	Idaho	Nebraska	South Dakota	Montana

CHAPTER SUMMARY

Descriptive analyses of crash and citation data of the routes under this study were obtained to describe the basic features of the truck crash and citation data in this study. This section included monthly variation of citation and crashes. Driver action and driver citation on the routes under this study were also be presented graphically.

CHAPTER 6. MODELING TRUCK CRASHES

INTRODUCTION

In order to establish the relationship between responses as truck crashes and different explanatory variables including traffic citations, traffic counts, weather, geometric features and road conditions; different statistical modeling were considered in this study. The dataset used in modeling are provided in Appendix 6. The statistical modeling includes spatial modeling, temporal modeling and the risk estimation of truck crashes in adverse weather and road conditions. Linear regression, count data modeling techniques and multinomial logistic regression were investigated to conduct this study. The establishment of this relationship will help the Wyoming policy makers to prioritize their resources and projects to fit the need of the roadway safety.

ZONE 1: INTERSTATE 80

The Interstate 80 corridor is the largest and heaviest used truck route in the region. There are more than 9,000 traffic on I-80, of which about 50 percent are truck. No other corridor even compares to amount of truck traffic that Wyoming has to inspect and deal with on a daily basis. In the following sections, different statistical modeling conducted to establish a relationship between truck crashes and other confounding factors are discussed.

Temporal Analysis

As geometry characteristics are constant for a monthly analysis, geometric features such as horizontal and vertical curves were excluded from the analysis. Traffic citations were divided into two groups: speeding and non-speeding related, because other groups have less than 6.3 percent of total citations. The traffic volume is approximately the same in both directions. The necessary assumptions were investigated before running statistical tests on the data. Several tests were used to check the validity of the model fitted. In the first step, Shapiro and Wilk's test was used to detect a possible departure from normality. For the model, the value was greater than 0.05 indicating no departure from the normality (Shapiro & Wilk, 1965). In the second step, the variance function was checked by using graphical tests, which plots the absolute residual versus the fitted values. If the residuals variability does not increase/decrease with the predicted value, it is assumed that the assumption of constancy of variance error holds, which holds true for the model under this study (McCullagh & Nelder, 1989). After learning about the preventive effect of the total number of citations on truck crashes (see Table 27), with coefficient of -0.053, the analysis was carried out between truck crashes and citation variables to learn about the effects of significant citation variables. The purpose of this modeling was to identify variables that are significant predictors of the number of truck crashes. As can be seen from the result, Table 27 (model 2), speeding is a significant preventive measure of truck crashes on I-80. It is worthy to mention that based on the information released by Wyoming roadway crash statistics, in 2011, 78 percent of all the fatality and severe crashes in Wyoming were due to a DUI and speeding; and 38 percent of all the crashes were due to speeding, which proves the importance of stopping the violators.

Table 27. Parameter Estimates for Models using Temporal Data, Zone 1, 2011-2014

	Coefficient	95% C.I.
Model 1		
Citations	-0.053***	-0.076 to -0.03
Constant	142.69***	103.27 to 182.12
Number of observation	48	
Adjusted R-Squared	0.3043	
Model 2		
Speeding related citations	-0.09***	-0.123 to -0.057
Non-speeding related citations	0.102	-0.007 to 0.21
Constant	100.32***	-53.56 to 147.07
Number of observation	48	
Adjusted R-Squared	0.4026	

*P< 0.05; **p<0.01; ***p<0.001

Spatial Analysis

Spatial analysis was used to evaluate the effects of traffic enforcement on a mileage basis. Also, it can help to evaluate the significant geometric variables because geometry was not included in temporal analysis. Different types of citations, geometry characteristics and traffic counts were aggregated into mileage analysis. The objective of the mileage analysis is to describe the relationships between truck crash probability, geometric-related and traffic characteristics by using a crash predictor model using negative binomial regression models. These models include full mode and final results including the impacts of significant variables. To establish the relationship between geometric design and truck crashes, different geometric characteristics along with citation variables and traffic counts were included in the model. The variables included in the model that were found to be significant for I-80 included: crest curve rate, length for vertical curves, and delta and radii of a horizontal curve. Fix length segmentation based on homogenous attributes with one mile length was used to aggregate the geometry variables in the spreadsheet. A minimum length of one mile was set to avoid the low exposure problem. The fixed length segmentation was used because it simplifies the issue of geo-referencing attribute values for a particular application (Nyerges, 1990). As explained by Shankar, Mannering, and Barfield, fixed length segmentation can offer some advantages such as mitigating the impacts of crash migration to a different segment of a hazardous roadway section. The spreadsheet consists of 804 one-mile segments representing nearly 805 truck crashes that occurred during a 4-year period on I-80. Crashes were assembled to evaluate the effects of road geometry features, citations, and traffic on a route under the study on a mileage basis. Geometry variables, horizontal and vertical curves, and traffic characteristics of each segment were obtained from WYDOT. Vertical curve length and vertical grade were included in the analysis (J. Lee & Mannering, 2002). Minimum radii was used instead of average of radios (Shankar et al., 1995).

The estimated NB model coefficients is presented in Table 28. Results showed that truck crashes increased by an increasing central angle of the horizontal curve (delta), as well as the length and rate of crest curves. The results also indicate increasing the length of a horizontal curve and radii of horizontal curves can result in the reduction of truck crashes. This reduction on a mileage

analysis may result from the fact that the increase of radii and horizontal curve length decreases the sharpness of curvature. Based on the result, safety measures can be implemented by identifying and promoting geometric characteristics.

Table 28. Parameter Estimates for Models using Spatial Data, Zone 1, 2011-2014

Variables		I-80	
		Initial Model	**Final Model**
Intercept		0.712***	0.806***
Citations	Speeding related citation	0.0001	
	Non-speeding related citations	0.001	
AADT		0.0001	
Geometry	Horizontal Curve. No	0.059	
	Sum of Horizontal Curve length	-0.225	-0.324*
	Average of Delta, Horizontal curve	0.009***	0.01***
	Minimum of radios, horizontal curve	-0.0001**	-0.0001**
	Sag. No	-0.20	
	Curve length, sag	0.528	
	Curve A[1], sag	0.020	
	Crest. No	0.0065	
	Curve length, crest	0.528	0.558*
	Curve A, Crest	0.0796	0.085***
Number of Observations		804	804
Goodness of Fit			
AIC		3625	3614
Pearson Chi-Square		1.2	1.18
Log likelihood		3595	3600

[1] A is algebraic difference in gradient for vertical curve, grade rate
*P< 0.05; **p<0.01; ***p<0.001

Risk Analysis

In this section, logistic regression analysis was used to estimate the risk involved in truck crashes on non-clear weather, not clear pavement conditions, and the risk involved in truck-involved crash severity compared with PDO. In the first model, in winter when weather and road conditions play the most important role to occurring crashes, the risk of truck crashes was compared to non-truck crashes and investigated regarding adverse weather and road conditions. Logistic regression models with maximum likelihood estimation was used to examine the effect of road and inclement weather condition on the risk associated with truck and non-truck vehicles. The weather conditions considered in the model was divided into several categories: Raining, Snowing, Clear, Cloudy or Overcast, Blowing Snow, Blizzard, Sleet or Hail or Freezing Rain, Severe Wind Only, Fog, and Blowing Dust or Sand or Dirt and Smoke. In this model, these weather types were grouped into “Clear” and “Not Clear” conditions. Similarly, road conditions incorporated into this model was divided into several categories: Wet, Ice or Frost, Dry, Snow,

Water Standing or Running, Slush, Oil or Fuel, Sand on Icy Road, Mud or Dirt or Gravel, and Sand on Dry Pavement. These road conditions were also grouped into "dry" and a "not dry" condition.

To determine the risk factors associated with weather and road conditions, the dependent variable was set as follows: whether there were any no-truck crashes= '0'=yes and 1="no". To estimate the impact of different predictor variables on the likelihood of the occurrence of truck and no truck crashes, logistic regression analysis were conducted. The result indicates that the risk of occurring truck crashes increases by 66 percent and 17 percent in "Not Clear" and "Not Dry" conditions compared to the non-truck crashes. Table 29 presents the risk estimation model.

Table 29: Risk Estimation of Truck-related Crashes, Zone 1, 2011-2014

Collision Characteristic	Predictors	Odds ratio	95% CL
Environmental Characteristic	**Road Condition:** Dry Condition (0 if true; 1 otherwise)	1.647*	1.484-1.827
	Weather condition: Clear (0 if true; 1 otherwise)	1.840*	1.661-2.037

Crash (response): Not Truck-related Crash=0, Truck-related Crash=1
*indicates $p<0.05$

The second part of risk analysis has two objectives as follows:

- Determine the factors influencing injury/fatal crashes when trucks are at fault.
- Investigate the impact of different driver characteristics, time of day, and residency on traffic offenses. The finding of this second objective will help in predicting the risk of different groups in truck drivers that violate the traffic law, increasing the probability of getting involved in truck crashes.

Crashes were screened to include only truck crashes at fault with a weight of at least 10,000 pounds. The fitted models for this truck driver at fault is presented in Table 30. A possible relationship between different variables and different truck at fault injury/fatal crashes were examined using binary logistic regression. Table 30 presents the results (odds ratio) for the significant variables. From Table 30, female truck drivers increased the odds that the crash will result in an injury/fatal crash, at 260 percent compared with male truck drivers. Females are more likely to experience more severe injuries (O'donnell & Connor, 1996). This is suggesting that females are generally less able to take different levels and types of physical trauma.

Relative to the truck drivers with one or no violation, truck drivers with a violation history greater than one, are 48 percent more likely to get into injury/fatal crashes. The crashes involving multiple vehicles had more than three times the greater odds of being involved in injury/fatal crashes compared with a single vehicle. The results shows that when the speed limit increases from less than 65 to greater than 65 miles per hour, the odds of being involved in an injury/fatal crash increases by 48 percent. A rollover-type crash was associated with an increased odd of an injury/fatal crash occurring by 430 percent, compared with crashes involving other points of impacts. A head-on collision increased the odds of the injury/fatal crashes by 83 percent, compared with the other types of crashes. Driver distraction caused by in-vehicle technologies increased the odds of an injury/fatal crash by 254 percent, compared with truck drivers that did

not have any distraction in the cabin. The result indicates that a driver under fatigue at the time of the crash increased the odds of an occurring injury/fatal crash by 370 percent.

Table 30: Estimated Odds Ratio for at Fault Truck Collision with Other Vehicles, 2011-2014

Collision Characteristic	Predictors	Odds ratio	95% CL
Driver Characteristics	**Gender:** Male truck driver (0 if true; 1 otherwise)	2.61*	1.54-4.44
	Age group[1]: Younger driver: age <45 years (1 if true; 0 otherwise)		
	Citation record : Traffic record of one ticket or less (0 if true; 1 otherwise)	1.48*	1.10-1.99
	Residency: State of Wyoming (0 if true; 1 otherwise)	-	-
Environmental Characteristic	**Weather condition[1]:** Clear (0 if true; 1 otherwise)	-	-
	Road condition[1: Dry(0 if true; 1 otherwise)	-	-
Vehicle characteristic		-	-
	CMW Weight: Truck greater than 26000 pound(1 if true; 0 otherwise)	-	-
Temporal characteristic	**Day of week[1] :** Weekends(1 if true; 0 otherwise)		
	Time[1]: Peak hours 6< <22: (0 if true; 1otherwise)	-	-
Roadway characteristic	**Delta[1]**	-	-
	Radios[1]	-	-
	Horizontal Length[1]	-	-
	Sag A[1]: Less than 2.0(0 if true; 1 otherwise)	-	-
	Crest A[1] : Greater than -2(0 if true; 1 otherwise)	-	-
	Posted speed limit : Speed limit less than 65(0 if true; 1 otherwise)	1.48*	1.07-2.03
Crash characteristic	**No of vehicle :** 1(0 if true; 1 otherwise)	3.15*	2.37-4.18
	Pre-collision vehicle actions[1]: Straight-ahead(0 if true; 1 otherwise)	-	-
	Manner of collision		
	Rear-end[1](1 if true; 0 otherwise)	-	-
	Sidewipe[1](1 if true; 0 otherwise)	-	-
	Others[1]	-	-
	Head-on (1 if true; 0 otherwise)	1.83*	1.35-2.46
	Rollover(1 if true; 0 otherwise)	4.35*	3.08-6.13
	Occupant ejection: Driver is partially or totally ejected(1 if true; 0 otherwise)	4.55*	1.62-12.83
Driver behavior	**Driver distraction:** No distraction in truck(0 if true; 1 otherwise)	2.57*	1.76-3.75
	DUI suspicion : Driver was suspected of driving under the influence condition(1 if true; 0 otherwise)	16.18*	3.93-66.18
	Sign of fatigue at the time of crash: Driver was fatigued(1 if true; 0 otherwise)	3.696*	2.281-5.990
	CMV driver Safety in use: Safety equipment was used(1 if true; 0 otherwise)	9.636*	3.03-30.65

Severity (response): no injury=0, injury or fatality=1

*indicates $p<0.05$

[1] indicates insignificant variable included in the initial model

The result revealed that truck drivers under the influence are about five times more likely to get involved in injury/fatal crashes. The result indicates that the odds of getting involved in an injury/fatal crash involving a driver being ejected from the vehicle is about five times higher than when the driver is not ejected. Not having any types of CMV safety in use at the time of the crash increased the odds of an injury/fatality crash by about 10 times.

Following the relationship between different explanatory variables and truck at fault involvement in injury/fatal crashes, the current section is set forward to investigate the truck drivers more likely of committing a traffic violation, which may increase the possibility of truck injury crashes. Demographics (gender, age), residency status, and time of day were included in the model as predictors. Based on the literature review, speeding, DUI, risky driving (Crash Predictor), fatigued driving (HOS), and seat belt use were found to be significantly associated with the increased odds of truck injury crash included in the analysis as a response. Vehicle related citations are also included in the analysis due to the high percentage of citations in this category (25 percent of the total number of citations). Table 31 presents the adjusted odds ratios for the truck related violation model.

Table 31: Adjusted Odds Ratio for Truck Related Violations, 2011-2014

Groups		Speeding	Vehicle related	Crash Predictor	DUI	HOS	Seat Belt
Driver characteristics	**Driver gender** Male truck driver (0 if true; 1 otherwise)	-	-	-	-	-	-
	Age of driver: <45(0 if true; 1 otherwise)	-	-	-	-	-	-
	Residence group: Non residence(1 if true; 0 otherwise)	1.627*	0.367*	2.099*	6.967*	2.716*	-
Temporal characteristics	**Time:** peak 6< <22(0 if true; 1 otherwise)	-	0.757*	1.341*		1.855*	0.67*
	Date: weekends(1 if true; 0 otherwise)	-	-	1.166*	-	-	-

*indicates $p<0.05$
- indicates insignificant variables

The results of speeding violations indicates that non-residents of Wyoming increase the odds of violating the speed limit by 63 percent. It is less likely to over speed during off-peak hours, 10:00 P.M. to 6:00 A.M., which can be due to the drivers' vision issues at night. Regarding vehicle related violations, Wyoming residents were more exposed to this violation than the out of state drivers. Drivers were less likely to be cited for vehicle related citations during off peak hours, possibly due to the decrease in a cops' visibility. Drivers were slightly, 17 percent, more likely to get vehicle related violations on weekends, compared with business days. Concerning risky driving (crash predictor), the tendency of this type of behavior increases two times for non-resident drivers, 34 percent during off peak hours, and slightly during weekends (17 percent). A non-resident increases the odds of driving under the influence by seven times, compared to a resident of Wyoming. On the subject of HOS, a non-resident has a higher probability of violating

HOS regulations (about three times), and off peak driving increased the possibility of violating this regulation by 86 percent. Driving at night decreased the odds of violating the seat belt law. The overall result of the truck violation model indicates that state residency plays a dominant role in truck violations. Wyoming resident drivers display a safer driving behavior compared to the non-residence drivers.

ZONE 2: INTERSTATE 25 AND 90

The I-25 (301 miles) and I-90 (207 miles) corridors are the other two interstates in Wyoming, with a total of 508 miles in length. In 2014, the AADT on I-25 and I-90 was 4,725 and 2,802 respectively, of which 889 (18.8 percent) and 445 (15.9 percent) were trucks. Because of having a similar percentage of trucks, these two interstates were combined to conduct the similar statistical modeling as I-80. Three types of statistical modeling discussed below were used to identify the variables contributing to truck crashes and truck crash severity.

Temporal Analysis

In the first part of the analysis in this section, temporal analysis was used. Similar to I-80 and due to the significant number of speeding citations, citations were divided into two categories: speeding and non-speeding violations. In model 1, the relationship between the total number of citations and the number of truck-involved crashes is investigated. Table 32 presents the parameter estimates for this model. The result indicated that there is a significant negative relationship between the total numbers of citations and the total number of truck crashes. After learning about significant preventive measures of the number of citations on the number of truck crashes, in the second model, the relationship is investigated between different types of violations and truck-involved crashes. The result indicated that speeding citations are a significant preventive variable for the number of truck-involved crashes.

Table 32. Parameter Estimates for Models using Temporal Data, Zone 2, 2011-2014

	Coefficient	95% C.I.
Model 1		
Citations	-0.01499***	11.56-17.45
Constant	14.507***	-0.050- -0098
Number of observation	96	
Adjusted R-Squared	0.2511	
Model 2		
Speeding related citations	-0.0200***	-0.027- -0.0131
Non-speeding related citations	0.00850	-0.0140- 0.0310
Constant	11.7544***	7.88657-15.6223
Number of observation	96	
Adjusted R-Squared	0.278	
*P< 0.05; **p<0.01; ***p<0.001		

Spatial Analysis

Fixed length segmentation, of one mile, was used to investigate the effects of traffic, geometry and citations on truck crashes on a mileage basis. In the first model, the impacts of all the included variables were evaluated. In the second model, AIC criteria was used to find the best-fit model with the lowest AIC. The results of the second model indicated that traffic is a significant contributory factor to the number of truck crashes. Delta, the central angle of a horizontal curve, was also found as a significant and contributory variable. Table 33 presents these results for zone 2.

Table 33. Parameter Estimates for Models using Spatial Data, Zone 2, 2011-2014

Variables		Zone 2: I-90 and I-25	
		Initial Model	**Final Model**
Intercept		-0.966***	-1.089***
Citations	Speeding related citation	0.0034	
	Non-speeding related citations	0.0041	
AADT		0.0003***	0.0007***
Geometry	Horizontal Curve. No	0.034	
	Sum of Horizontal Curve length	0.042	
	Average of Delta, Horizontal curve	0.005	0.0075**
	Average of radios, horizontal curve	-0.0001	
	Sag. No	-0.0743	
	Curve length, sag	0.385	
	Curve A[1], sag	0.0097	
	Crest. No	-0.125	
	Curve length, crest	0.6078	
	Curve A, Crest	0.070	
Number of Observations			
Goodness of Fit			
AIC		2823	2822
Pearson Chi-Square		1373	1429
Log likelihood		278	2814

[1] A is algebraic difference in gradient for vertical curve, grade rate
*P< 0.05; **p<0.01; ***p<0.001

Risk Analysis

Logistic regression analysis was used to investigate the risk of involvement in truck related crashes in different environmental characteristics, compared with non-truck related crashes. The results indicated that getting involved in truck crashes increases by about 20 percent in adverse road conditions, compared with non-truck related crashes. On the other hand, the results indicated that trucks are more than two times at risk of getting involved in a crash in adverse

weather conditions, compared with other types of vehicles. Table 34 presents the results of the risk estimation model for zone 2.

Table 34: Risk Estimation of Truck-related Crashes, Zone 2, 2011-2014

Collision Characteristic	Predictors	Odds ratio	95% CL
Environmental Characteristic	**Road Condition:** Dry Condition (0 if true; 1 otherwise)	1.18*	0.996-1.400
	Weather condition: Clear (0 if true; 1 otherwise)	2.097*	1.768-2.486

Crash (response): Not Truck-related Crash=0, Truck-related Crash=1
*indicates p<0.05

ZONE 3: US 30 AND 26

WY-59 was excluded from the modeling analysis of zone 3 because of the fact that the variation of crashes along the corridor is not consistent and very few truck-involved crashes occurred from 2011 to 2014. Only ML12B, ML34B and ML20B on US-30 and US-26 were considered to run the temporal, spatial and risk analysis. In the following sections, the statistical modeling results are discussed.

Temporal Analysis

In this section, the analysis was run on US-30 and US-26. In this zone due to low truck traffic and low number of truck crashes on US-26, US-30 was only included in this analysis. No significant variable was found for the zone under this study. Table 35 presents the parameter estimates for models using temporal data for zone 3.

Table 35. Parameter Estimates for Models using Temporal Data, Zone 3, 2011-2014

	Coefficient	95% C.I.
Model 1		
Citations	-0.002	----------
Constant	-0.30	----------
Number of observation	48	
AIC	105.580	
Model 2		
Speeding related citations	-0.005	----------
Non-speeding related citations	0.013	----------
Constant	-0.497	
Number of observation	48	
AIC	107.017	

*P< 0.05; **p<0.01; ***p<0.001

Spatial Analysis

In order to investigate the impacts of different geometry variables, this analysis was used. In the first model, all variables were included in the model. In the second model, the best-fit model based on lowest AIC was obtained. No significant variable was found for the zone under this study. Table 36 presents these results.

Table 36. Parameter Estimates for Models using Spatial Data, Zone 3, 2011-2014

Variables		I-90 and I-25	
		Initial Model	Final Model
Intercept		-0.982	
Citations	Speeding related citation	-0.002	
	Non-speeding related citations	0.01	
AADT			
Geometry	Horizontal Curve. No	0.305	
	Sum of Horizontal Curve length	0.205	
	Average of Delta, Horizontal curve	0.024	
	Average of radios, horizontal curve	-0.0001	
	Sag. No	-0.05	
	Curve length, sag	3.348	
	Curve A[1], sag	0.093	
	Crest. No	0.070	
	Curve length, crest	-1.166	
	Curve A, Crest	0.273	
Number of Observations		222	
Goodness of Fit			
AIC		207.9	
Pearson Chi-Square		121.3	
Log likelihood		171.9	

[1] A is algebraic difference in gradient for vertical curve, grade rate
*P< 0.05; **p<0.01; ***p<0.001

Risk Analysis

This section was set forward to investigate the risk of getting involved in truck crashes in adverse road and weather conditions, compared with non-truck-involved crashes. Although both adverse variables increased the risk of getting involved in truck-involved crashes, only weather condition was found as a significant variable. This increased the risk of getting involved in truck crashes by about 79 percent, compared with non-truck-involved crashes. Table 37 presents these results.

Table 37: Risk Estimation of Truck-related Crashes, Zone 3, 2011-2014

Collision Characteristic	Predictors	Odds ratio	95% CL
Environmental Characteristic	**Road Condition:** Dry Condition (0 if true; 1 otherwise)	1.468	0.970-2.221
	Weather condition: Clear (0 if true; 1 otherwise)	1.788*	1.161- 2.753

Crash (response): Not Truck-related Crash=0, Truck-related Crash=1
*indicates $p<0.05$

CHAPTER SUMMARY

In this chapter, a relationship was developed between responses as truck crashes and different independent variables including traffic citations, traffic counts and geometric features. The modeling was performed for three different zones separately as the traffic compositions and functional classification are different. Ordinary least square, negative binomial and multinomial logistic regression technique were applied to develop these models.

CHAPTER 7. CRASH HOT SPOT ANALYSIS

This chapter summarizes the findings of the hot spot analysis for the three zones included in this study.

ZONE 1

Interstate 80

Figure 77 displays a geographical representation of divided sections on the eastbound lanes of I-80. Each section signifies the number of truck crashes per 100 MVMT over a four-year period. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are few red and orange sections on I-80 east, indicating a low impact of truck related crashes.

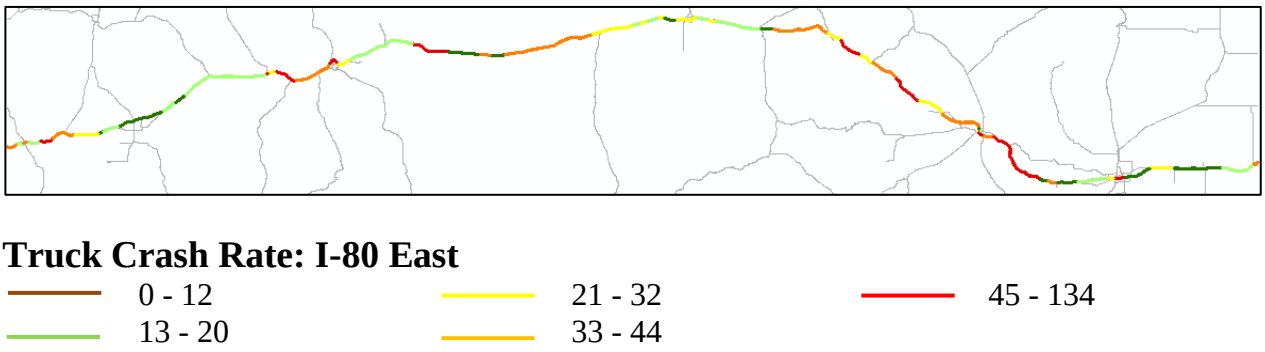


Figure 77. Truck Crashes per 100 million Vehicle Miles Traveled on I-80 Eastbound, 2011 - 2014

Figure 78 displays a second geographical representation of divided sections on the eastbound lanes of I-80. Each of these sections signify the number of traffic citations per 100 MVMT over a four-year period. Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a higher amount of citations being issued per MVMT, indicating sufficient enforcement resources allocated on I-80 east.

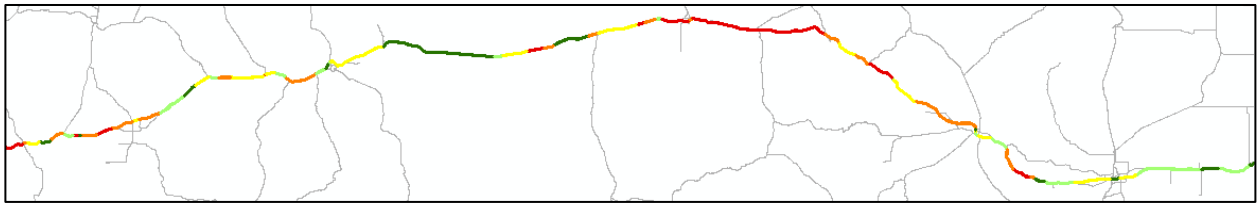


Figure 78. Traffic Citations per 100 million Vehicle Miles Traveled on I-80 Eastbound, 2011 - 2014

Figure 79 displays a third geographical representation of divided sections on the eastbound lanes of I-80. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations over a four-year period. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a lower amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the amounts of enforcement being allocated to locations where there are many truck related crashes. It is possible more enforcement resources should be allocated from the green sections to the red.

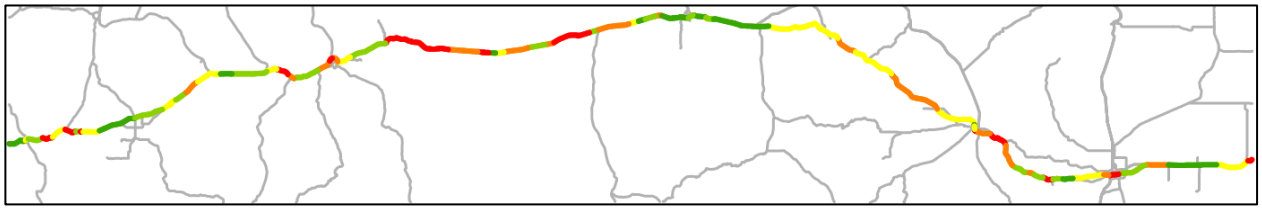


Figure 79. Truck Crashes per 1,000 Citations on I-80 Eastbound, 2011 - 2014

Table 38 presents a numerical summary of the green sections within
Figure 79, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations. Table 39 presents the same information, except this table displays information regarding the red sections within Figure 79.

Table 38. Summary of Green Sections in Figure 79 on I-80 Eastbound, 2011 - 2014

Route	Begin MP	End MP	Length	AADT	Citations	Truck Crashes	Truck Crashes per 1,000 Citations
ML80B	0	3.453	3.453	6,859	2,498	12	5
ML80B	3.453	5.263	1.81	7,751	1,162	3	3
ML80B	28.713	30.398	1.685	5,809	291	2	7
ML80B	30.398	33.182	2.784	5,824	652	5	8
ML80B	33.182	34.741	1.559	5,829	200	2	10
ML80B	34.741	39.896	5.155	5,103	618	6	10
ML80B	41.987	48.303	6.316	5,239	667	7	10
ML80B	68.972	72.296	3.324	6,301	464	4	9
ML80B	154.055	156.025	1.97	5,749	63	0	0
ML80B	199.051	201.164	2.113	6,124	549	5	9
ML80B	206.182	209.459	3.277	6,041	1,575	3	2
ML80B	209.459	211.78	2.321	6,520	869	6	7
ML80B	211.78	214.111	2.331	6,569	727	7	10
ML80B	215.57	219.594	4.024	7,472	851	7	8
ML80B	221.926	228.341	6.415	6,000	2,254	9	4
ML80B	228.341	235.28	6.939	5,954	1,464	10	7
ML80B	235.28	238.15	2.87	5,093	631	1	2
ML80B	310.452	310.84	0.388	3,660	2	0	0
ML80B	345.501	348.363	2.862	6,718	145	1	7
ML80B	362.037	364	1.963	8,673	192	2	10
ML80B	377.353	386.389	9.036	4,814	385	1	3
ML80B	386.389	391.385	4.996	4,533	142	1	7
Total			**77.591**		**16,401**	**94**	

Table 39. Summary of Red Sections in Figure 79 on I-80 Eastbound, 2011 - 2014

Route	Begin MP	End MP	Length	AADT	Citations	Truck Crashes	Truck Crashes per 1,000 Citations
ML80B	10.68	13.86	3.18	6,515	122	14	115
ML80B	18.29	21.75	3.46	5,804	174	12	69
ML80B	23.12	23.91	0.79	5,804	1	2	2,000
ML80B	85.70	89.45	3.75	6,941	222	19	86
ML80B	103.82	104.83	1.01	8,915	73	11	151
ML80B	122.27	130.84	8.57	6,490	189	17	90
ML80B	130.84	136.96	6.12	5,999	145	33	228
ML80B	136.96	139.51	2.55	5,924	73	16	219
ML80B	139.51	142.17	2.66	5,924	73	17	233
ML80B	150.81	152.46	1.65	5,844	21	7	333
ML80B	152.46	154.06	1.60	5,749	33	7	212
ML80B	173.41	184.29	10.88	6,005	460	41	89
ML80B	279.86	280.90	1.04	5,188	57	11	193
ML80B	311.76	313.19	1.44	8,993	128	10	78
ML80B	316.70	323.05	6.35	6,856	431	29	67
ML80B	339.32	342.56	3.24	6,677	171	12	70
ML80B	359.08	359.60	0.52	6,506	5	7	1,400
ML80B	359.60	362.04	2.44	9,062	164	11	67
ML80B	401.46	402.78	1.32	3,945	6	5	833
Total			**62.55**		**2,548**	**281**	

Figure 80 displays a geographical representation of divided sections on the westbound lanes of I-80. Each section signifies the number of truck crashes per 100 MVMT over a four-year period. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are many red and orange sections on I-80 west, indicating a potential high impact of truck related crashes.

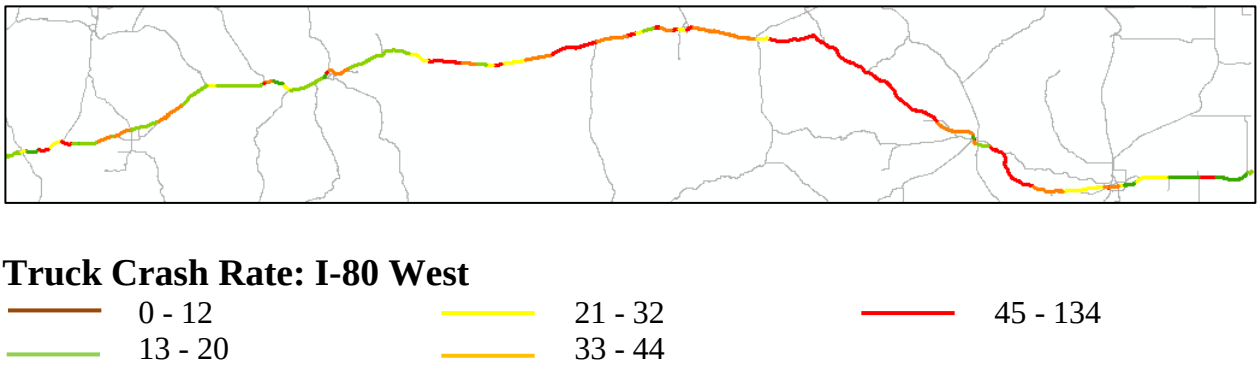


Figure 80. Truck Crashes per 100 million Vehicle Miles Traveled on I-80 Westbound, 2011 - 2014

Figure 81 displays a second geographical representation of divided sections on the westbound lanes of I-80. Each of these sections signify the number of traffic citations per 100 MVMT over a four-year period. Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a lower amount of citations being issued per MVMT, indicating a potential lapse in enforcement resources allocated on I-80 west.

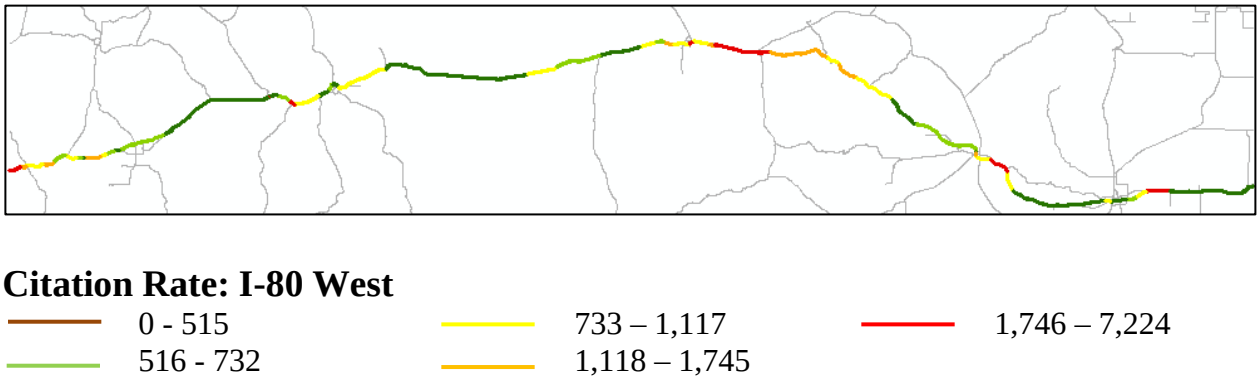


Figure 81. Citations per 100 million Vehicle Miles Traveled on I-80 Westbound, 2011 - 2014

Figure 82 displays a third geographical representation of divided sections on the westbound lanes of I-80. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations over a four-year period. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a higher amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the lower amounts of enforcement resources being allocated to locations where there are many truck related crashes. More enforcement resources must be allocated from the green sections to the red. It is also possible some enforcement resources should be taken from I-80 eastbound and allocated to I-80 westbound.

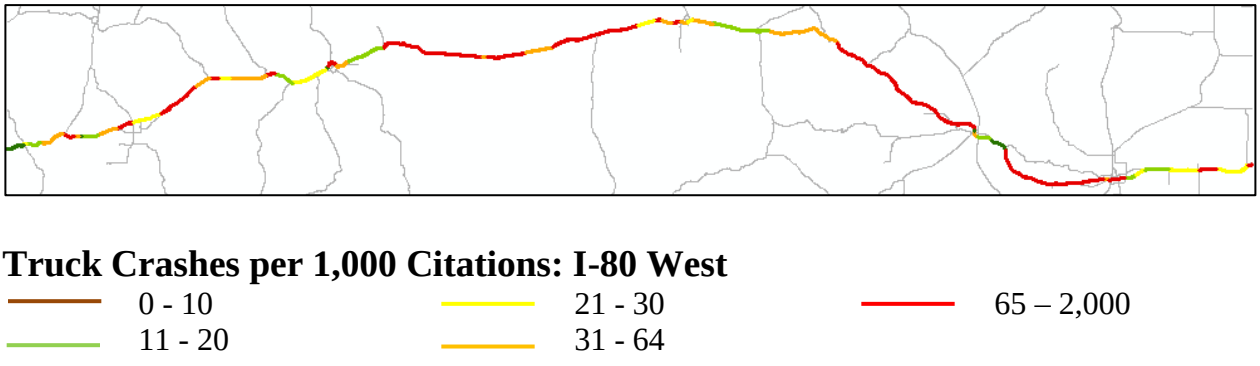


Figure 82. Truck Crashes per 1,000 Citations on I-80 Westbound, 2011 - 2014
Table 40 presents a numerical summary of the green sections within Figure 82, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations. Table 41 presents the same information, except this table displays information regarding the red sections within

Figure 82.

Table 40. Summary of Green Sections in Figure 82 on I-80 Westbound, 2011 - 2014

Route	Begin MP	End MP	Length	AADT	Citations	Truck Crashes	Truck Crashes per 1,000 Citations
ML80B	0.000	3.453	3.453	6,944	1063	6	6
ML80B	3.453	5.263	1.810	7,751	302	3	10
ML80B	23.120	23.906	0.786	5,804	5		0
ML80B	102.358	103.819	1.461	8,675	123		0
ML80B	235.228	238.155	2.927	5,093	586	6	10
ML80B	310.452	310.840	0.388	3,660	0	0	0
ML80B	316.702	323.049	6.347	6,856	4071	29	7
Total			**17.172**		**6,150**	**44**	

Table 41. Summary of Red Sections in Figure 82 on I-80 Westbound, 2011 - 2014

Route	Begin MP	End MP	Length	AADT	Citations	Truck Crashes	Truck Crashes per 1,000 Citations
ML80B	18.293	21.751	3.458	5,804	216	17	79
ML80B	48.303	53.306	5.003	5,518	181	13	72
ML80B	53.306	57.041	3.735	5,503	127	12	94
ML80B	57.041	61.591	4.550	5,503	71	5	70
ML80B	66.168	68.972	2.804	6,706	88	7	80
ML80B	83.007	85.697	2.690	7,467	96	10	104
ML80B	103.819	104.825	1.006	8,915	74	9	122
ML80B	104.825	107.056	2.231	7,888	126	10	79
ML80B	122.272	130.840	8.568	6,490	155	15	97
ML80B	130.840	136.958	6.118	5,999	76	13	171
ML80B	136.958	139.509	2.551	5,924	69	12	174
ML80B	139.509	142.170	2.661	5,924	57	12	211
ML80B	142.170	146.848	4.678	5,878	61	29	475
ML80B	146.848	150.807	3.959	5,844	70	12	171
ML80B	150.807	152.455	1.648	5,844	25	2	80

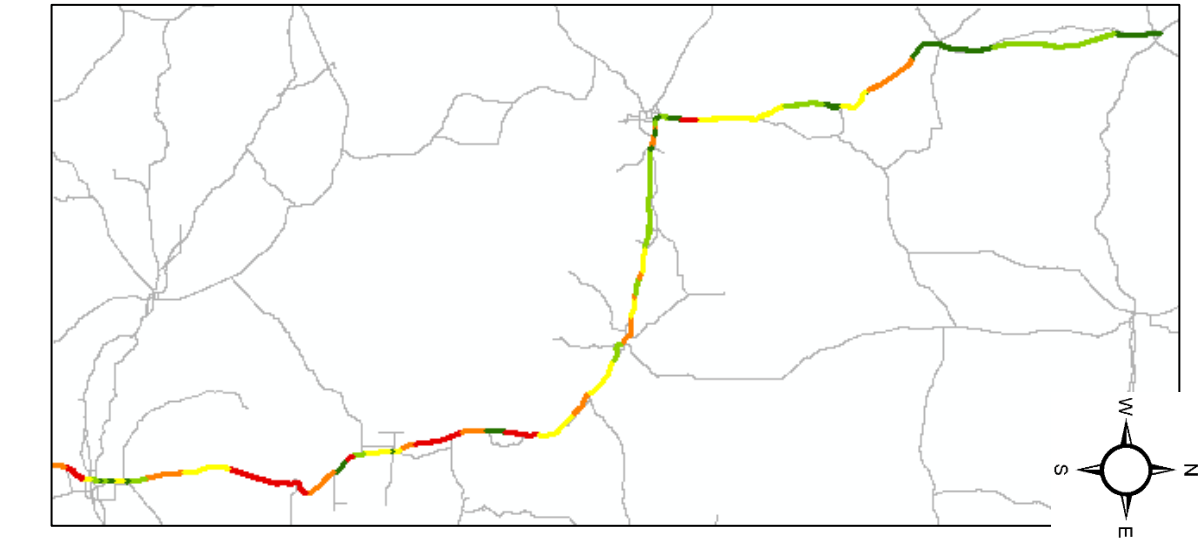
ML80B	154.055	156.025	1.970	5,749	45	4	89
ML80B	156.025	158.545	2.520	5,749	65	10	154
ML80B	158.545	165.582	7.037	5,744	269	18	67
ML80B	173.413	184.288	10.875	6,005	510	48	94
ML80B	184.288	187.204	2.916	5,984	185	27	146

Continued from Table 41.							
Route	**Begin MP**	**End MP**	**Length**	**AADT**	**Citations**	**Truck Crashes**	**Truck Crashes per 1,000 Citations**
ML80B	187.204	196.157	8.953	6,109	348	30	86
ML80B	196.157	199.051	2.894	6,124	104	16	154
ML80B	204.175	206.182	2.007	6,150	113	11	97
ML80B	209.459	211.780	2.321	6,520	232	15	65
ML80B	260.232	267.186	6.954	5,178	589	82	139
ML80B	267.186	272.056	4.870	5,178	341	28	82
ML80B	272.056	279.859	7.803	5,188	541	67	124
ML80B	279.859	280.901	1.042	5,188	38	17	447
ML80B	280.901	290.438	9.537	5,188	369	77	209
ML80B	290.438	297.663	7.225	5,188	341	30	88
ML80B	297.663	310.452	12.789	5,423	559	43	77
ML80B	323.049	329.316	6.267	6,761	490	76	155
ML80B	329.316	335.106	5.790	6,288	267	48	180
ML80B	335.106	336.609	1.503	6,682	53	11	208
ML80B	336.609	339.317	2.708	6,682	59	9	153
ML80B	339.317	342.560	3.243	6,677	64	12	188
ML80B	342.560	345.501	2.941	6,766	55	10	182
ML80B	345.501	348.363	2.862	6,718	30	6	200
ML80B	348.363	357.680	9.317	6,720	230	23	100
ML80B	359.076	359.599	0.523	6,506	7	7	1000
ML80B	359.599	362.037	2.438	9,062	126	11	87
ML80B	362.037	364.000	1.963	8,673	97	7	72
ML80B	386.389	391.385	4.996	4,535	86	15	174
ML80B	401.456	402.780	1.324	3,737	4	1	250
Total			**193.24**		**7,709**	**937**	

ZONE 2

Interstate 25

Figure 83 displays a geographical representation of divided sections on the northbound lanes of I-25. Each section signifies the number of truck crashes per 100 MVMT. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are few red and orange sections on I-25 north, indicating a low impact of truck related crashes.



Truck Crash Rate: I-25 North

0 - 1	11 - 16	Greater than or equal 25
2 - 10	17 - 24	

Figure 83. Truck Crashes per 100 million Vehicle Miles Traveled on I-25 Northbound, 2011 - 2014

Figure 84 displays a second geographical representation of divided sections on the northbound lanes of I-25. Each of these sections signify the number of traffic citations per 100 MVMT. Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a higher amount of citations being issued per MVMT, indicating sufficient enforcement resources allocated on I-25 north.

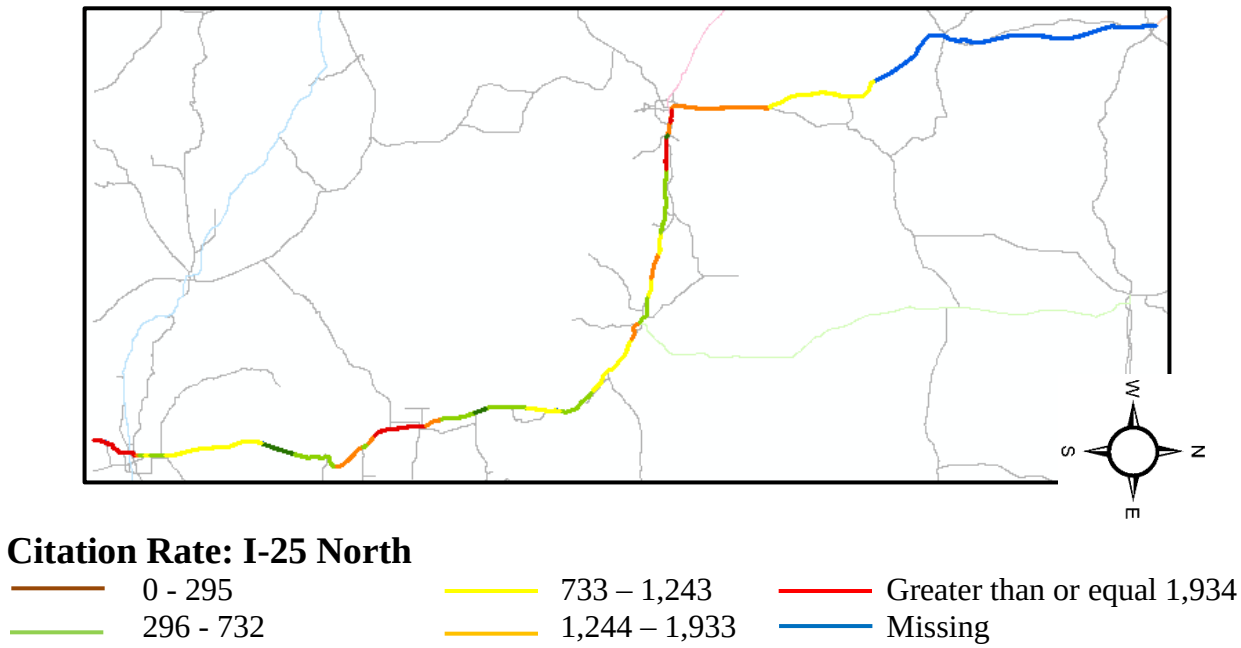
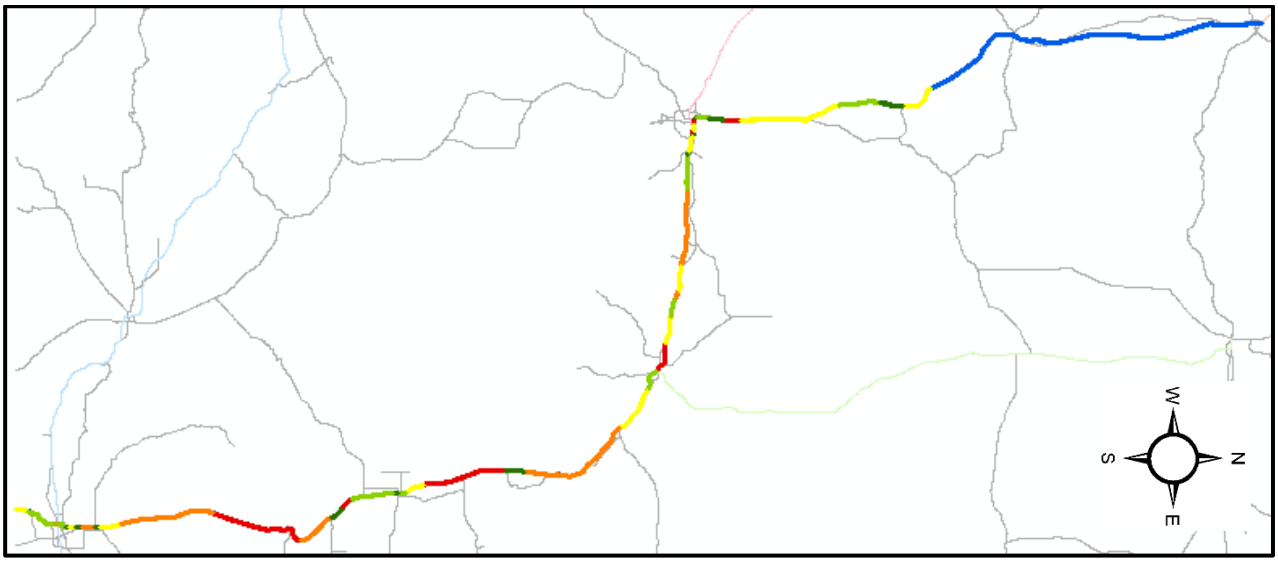


Figure 84. Traffic Citations per 100 million Vehicle Miles Traveled on I-25 Northbound, 2011 – 2014

Figure 85 displays a third geographical representation of divided sections on the northbound lanes of I-25. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations over a four-year period. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a lower amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the amounts of enforcement being allocated to locations where there are many truck related crashes. It is possible more enforcement resources should be allocated from the green sections to the red.



Truck Crashes per 1,000 Citations: I-25 North

0 - 1
2 - 5
6 - 14
15 - 23
Greater than or equal 24
Missing

Figure 85. Truck Crashes per 1,000 Citations on I-25 Northbound, 2011 – 2014
Table 42 presents a numerical summary of the green sections within Figure 85, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations. Table 43 presents the same information, except this table displays information regarding the red sections within

Figure 85.

Table 42. Summary of Green Sections in Figure 85 on I-25 Northbound, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1000 Citations
ML25B	10.586	11.239	0.653	10,655	144	0	0
ML25B	12.697	13.834	1.137	7,815	107	0	0
ML25B	16.230	17.236	1.006	4,971	35	0	0
ML25B	47.151	47.248	0.097	3,631	2	0	0
ML25B	65.253	66.200	0.947	3,458	35	0	0
ML25B	66.200	68.454	2.254	3,458	155	0	0
ML25B	78.600	79.250	0.650	2,297	150	0	0
ML25B	100.125	104.043	3.918	3,676	148	0	0
ML25B	182.060	182.530	0.470	4,935	10	0	0
ML25B	185.354	186.452	1.098	8,541	605	0	0
ML25B	188.600	189.507	0.907	7,267	183	0	0
ML25B	191.644	194.339	2.695	3,374	172	0	0
ML25B	223.780	227.985	4.205	1,889	109	0	0
ML25B	234.852	235.375	0.523	1,855	1	0	0

Table 43. Summary of Red Sections in Figure 85 on I-25 Northbound, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1000 Citations
ML25B	194.339	197.522	3.183	3,374	208	5	24
ML25B	140.101	146.003	5.902	4,489	237	7	30
ML25B	87.505	92.371	4.866	3,665	170	7	41
ML25B	54.590	57.649	3.059	3,309	87	4	46
ML25B	94.825	100.125	5.300	3,686	116	6	52
ML25B	84.744	87.505	2.761	3,686	95	5	53
ML25B	68.454	70.621	2.167	3,465	218	12	55
ML25B	47.248	54.590	7.342	3,572	174	12	69
ML25B	186.452	186.785	0.333	7,909	60	5	83
ML25B	39.235	47.151	7.916	3,631	110	11	100
ML25B	92.371	94.825	2.454	3,734	31	4	129
ML25B	188.185	188.600	0.415	9,508	14	2	143
ML25B	235.375	246.560	11.185	1,855	6	7	1167

Figure 86 displays a geographical representation of divided sections on the southbound lanes of I-25. Each section signifies the number of truck crashes per 100 MVMT. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are many red and orange sections on I-25 south, indicating a potential high impact of truck related crashes.

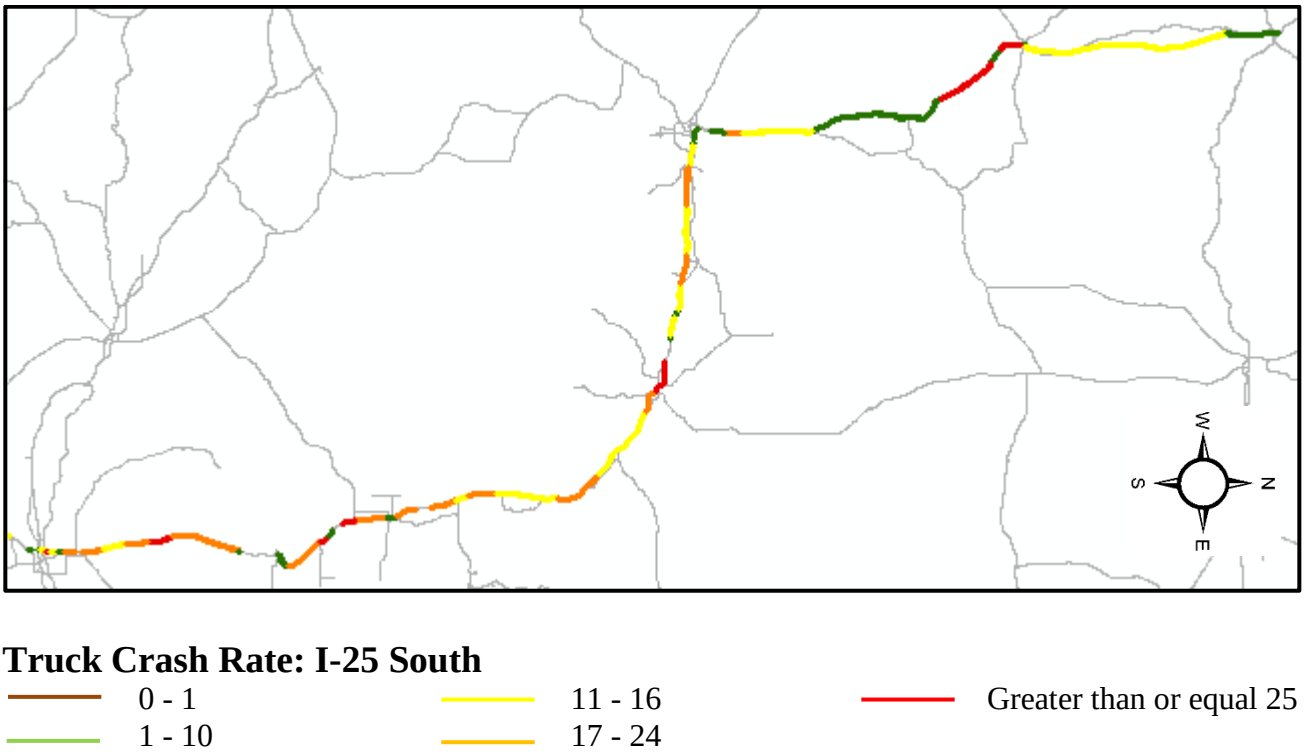
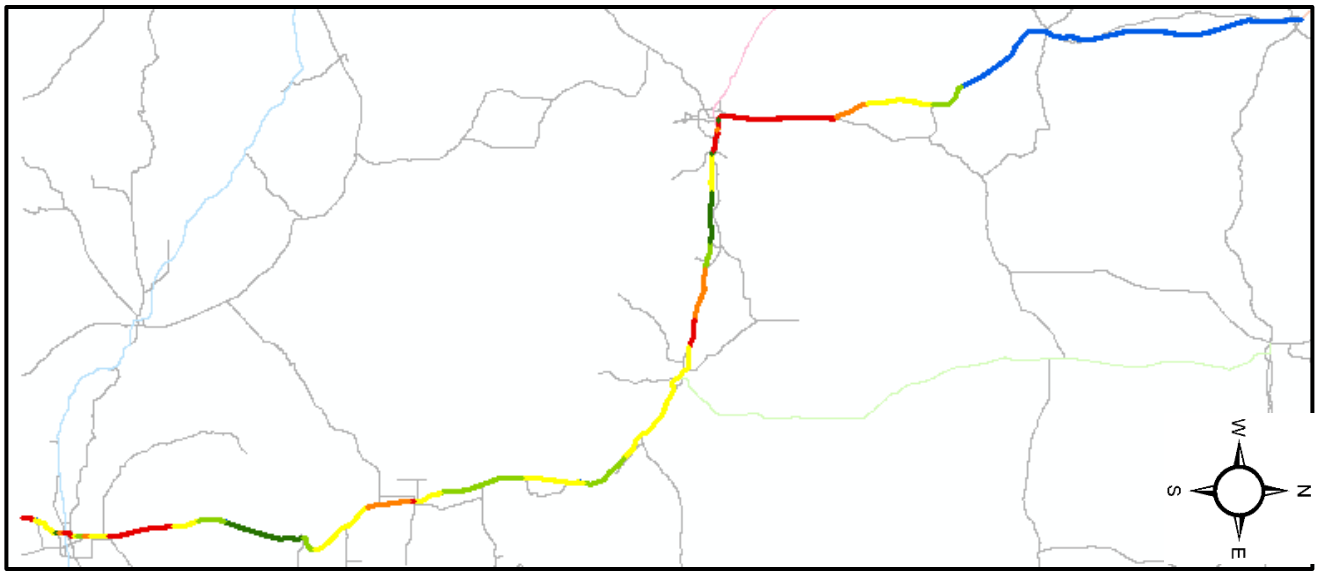


Figure 86. Truck Crashes per 100 million Vehicle Miles Traveled on I-25 Southbound, 2011 - 2014

Figure 87 displays a second geographical representation of divided sections on the southbound lanes of I-25. Each of these sections signify the number of traffic citations per 100 MVMT. Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a lower amount of citations being issued per MVMT, indicating a potential lapse in enforcement resources allocated on I-25 south.

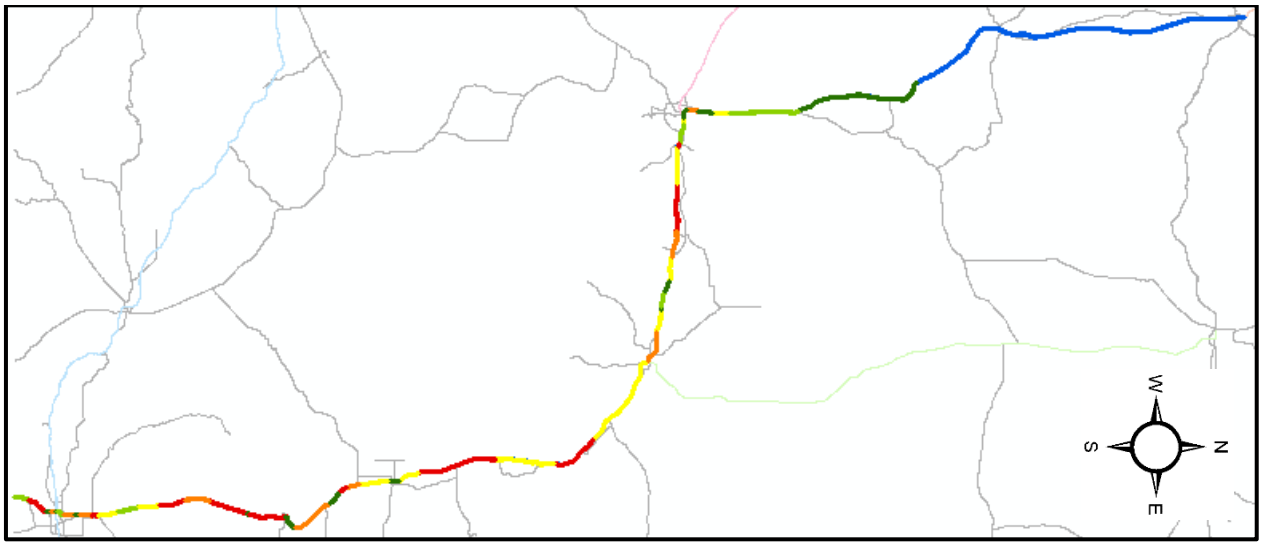


Citation Rate: I-25 South

0 - 295	733 – 1,243	Greater than or equal 1,934
296 - 732	1,244 – 1,933	Missing

Figure 87. Traffic Citations per 100 million Vehicle Miles Traveled on I-25 Southbound, 2011 – 2014

Figure 88 displays a third geographical representation of divided sections on the southbound lanes of I-25. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a higher amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the lower amounts of enforcement resources being allocated to locations where there are many truck related crashes. More enforcement resources must be allocated from the green sections to the red.



Truck Crashes per 1,000 Citations: I-25 South

0 - 1	6 - 14	Greater than or equal 24
2 - 5	15 - 23	Missing

Figure 88. Truck Crashes per 1,000 Citations on I-25 Southbound, 2011 – 2014

Table 44 presents a numerical summary of the green sections within Figure 88, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations.

Table 45 presents the same information, except this table displays information regarding the red sections within

Figure 88.

Table 44. Summary of Green Sections in Figure 88 on I-25 Southbound, 2011 - 2014

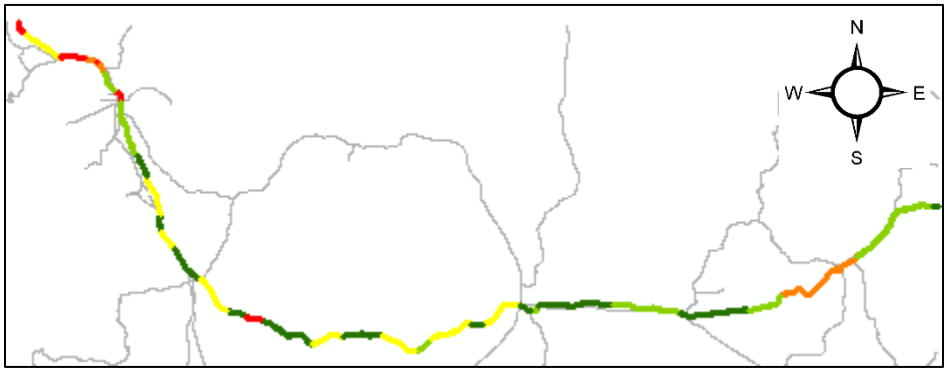
Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1000 Citations
ML25B	7.030	7.853	0.823	10,100	24	0	0
ML25B	8.844	9.140	0.296	9,688	189	0	0
ML25B	12.697	13.834	1.137	7,815	180	0	0
ML25B	47.151	47.248	0.097	3,608		0	0
ML25B	54.590	57.649	3.059	3,527	53	0	0
ML25B	66.200	68.454	2.254	3,665	122	0	0
ML25B	78.590	79.250	0.660	2,613	70	0	0
ML25B	79.250	80.853	1.603	3,645	93	0	0
ML25B	150.442	151.166	0.724	4,387	167	0	0
ML25B	154.237	156.178	1.941	4,397	159	0	0
ML25B	186.452	186.785	0.333	7,930	62	0	0
ML25B	187.527	188.185	0.658	10,887	306	0	0
ML25B	188.600	189.507	0.907	7,331	239	0	0
ML25B	191.644	194.339	2.695	3,307	425	0	0
ML25B	210.412	216.605	6.193	1,855	283	0	0
ML25B	216.605	223.780	7.175	1,867	214	0	0
ML25B	223.780	227.985	4.205	1,844	87	0	0
ML25B	227.985	234.852	6.867	1,763	100	0	0

Table 45. Summary of Red Sections in Figure 88 on I-25 Southbound, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1000 Citations
ML25B	2.662	7.030	4.368	10,100	737	29	39
ML25B	16.230	17.236	1.006	5,037	55	4	73
ML25B	29.512	34.440	4.928	3,676	216	6	28
ML25B	39.235	47.151	7.916	3,608	78	6	77
ML25B	47.248	54.590	7.342	3,631	105	11	105
ML25B	68.454	70.621	2.167	3,676	142	9	63
ML25B	84.744	87.505	2.761	3,817	87	4	46
ML25B	87.505	92.371	4.866	3,802	138	4	29
ML25B	94.825	100.125	5.300	3,625	164	4	24
ML25B	111.675	120.817	9.142	3,815	203	6	30
ML25B	165.909	175.102	9.193	4,907	136	6	44
ML25B	182.060	182.530	0.470	4,907	4	1	250
ML25B	188.185	188.340	0.155	10,969	4	1	250
ML25B	188.340	188.600	0.260	10,741	14	2	143
ML25B	235.375	246.560	11.185	1,742	1	5	5000
ML25B	254.254	265.476	11.222	1,649	3	1	333
ML25B	265.476	280.177	14.701	1,593	1	3	3000

Interstate 90

Figure 89 displays a geographical representation of divided sections on the northbound lanes of I-90. Each section signifies the number of truck crashes per 100 MVMT. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are few red and orange sections on I-90 north, indicating a low impact of truck related crashes.



Truck Crash Rate: I-90 North

0 - 1	11 - 16	Greater than or equal 25
2 - 10	17 - 24	

Figure 89. Truck Crashes per 100 million Vehicle Miles Traveled on I-90 Northbound, 2011 - 2014

Figure 90 displays a second geographical representation of divided sections on the northbound lanes of I-90. Each of these sections signify the number of traffic citations per 100 MVMT.

Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a higher amount of citations being issued per MVMT, indicating sufficient enforcement resources allocated on I-90 north.

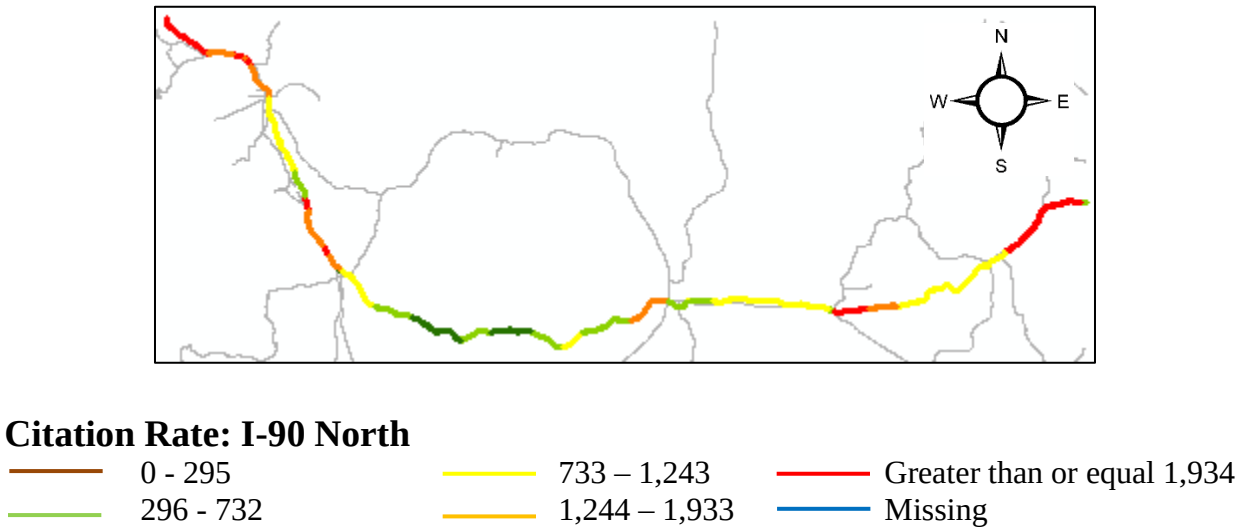


Figure 90. Traffic Citations per 100 million Vehicle Miles Traveled on I-90 Northbound, 2011 - 2014

Figure 91 displays a third geographical representation of divided sections on the northbound lanes of I-90. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a lower amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the amounts of enforcement being allocated to locations where there are many truck related crashes. It is possible more enforcement resources should be allocated from the green sections to the red.

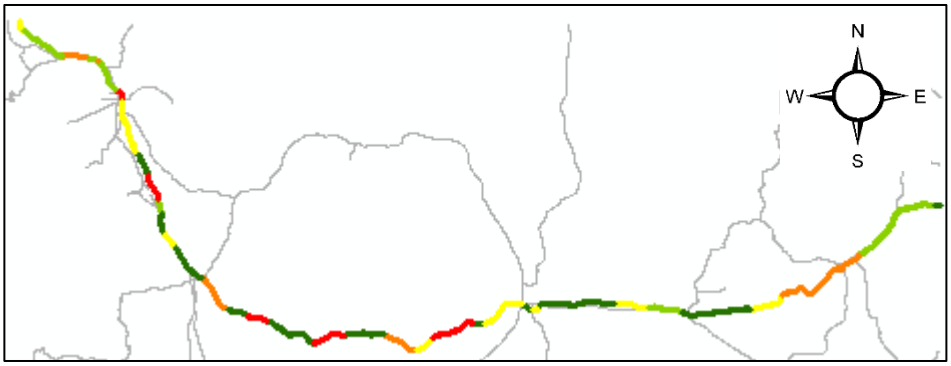


Figure 91. Truck Crashes per 1,000 Citations on I-90 Northbound, 2011 – 2014

Table 46 presents a numerical summary of the green sections within Figure 91, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations. Table 47 presents the same information, except this table displays information regarding the red sections within

Figure 91.

Table 46. Summary of Green Sections in Figure 91 on I-90 Northbound, 2011 - 2014

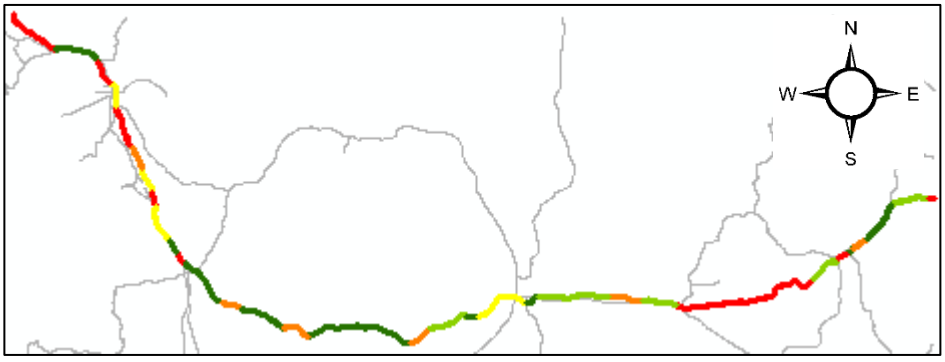
Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1000 Citations
ML90B	33.598	37.155	3.557	3,287	131	0	0
ML90B	44.687	47.705	3.018	3,539	252	0	0
ML90B	51.362	53.834	2.472	3,501	589	0	0
ML90B	53.834	56.357	2.523	3,547	227	0	0
ML90B	56.846	58.653	1.807	801	26	0	0
ML90B	65.975	69.641	3.666	1,603	55	0	0
ML90B	73.013	77.914	4.901	1,583	18	0	0
ML90B	77.914	82.828	4.914	1,636	22	0	0
ML90B	88.673	91.491	2.818	1,836	10	0	0
ML90B	91.491	96.012	4.521	1,890	8	0	0
ML90B	113.967	116.237	2.270	2,135	38	0	0
ML90B	124.264	126.387	2.123	4,638	87	0	0
ML90B	128.090	129.104	1.014	4,433	56	0	0
ML90B	129.104	132.991	3.887	4,812	154	0	0
ML90B	132.991	141.237	8.246	3,956	433	0	0
ML90B	153.412	154.686	1.274	2,563	20	0	0
ML90B	154.686	160.658	5.972	1,889	329	0	0

ML90B	160.658	165.677	5.019	1,904	202	0	0
ML90B	205.895	207.140	1.245	3,124	17	0	0
Total			**65.247**		**2,674**	**0**	

Table 47. Summary of red sections in Figure 91 on I-90 Northbound, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1000 Citations
ML90B	20.922	23.150	2.228	3,539	202	7	35
ML90B	37.155	41.958	4.803	3,287	136	4	29
ML90B	69.641	73.013	3.372	3,547	30	2	67
ML90B	82.828	88.673	5.845	3,501	49	2	41
Total			**16.248**		**417**	**15**	

Figure 92 displays a geographical representation of divided sections on the southbound lanes of I-90. Each section signifies the number of truck crashes per 100 MVMT. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are many red and orange sections on I-90 south, indicating a potential high impact of truck related crashes.

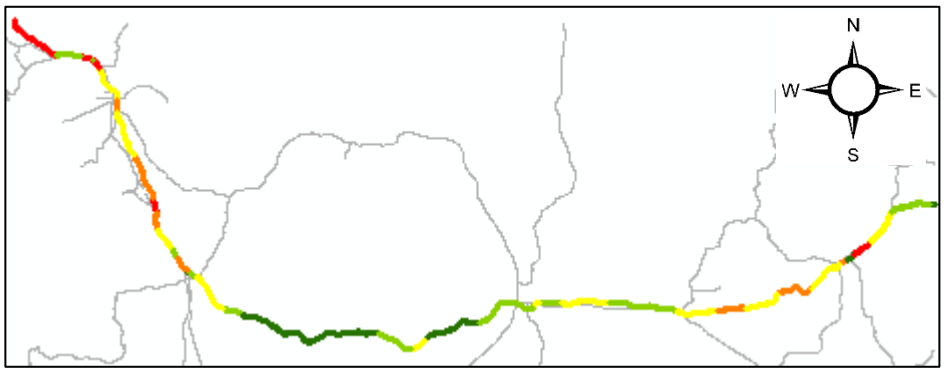


Truck Crash Rate: I-90 South

0 - 1
2 - 10
11 - 16
17 - 24
Greater than or equal 25

Figure 92. Truck Crashes per 100 million Vehicle Miles Traveled on I-90 Southbound, 2011 - 2014

Figure 93 displays a second geographical representation of divided sections on the southbound lanes of I-90. Each of these sections signify the number of traffic citations per 100 MVMT. Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a lower amount of citations being issued per MVMT, indicating a potential lapse in enforcement resources allocated on I-90 south.

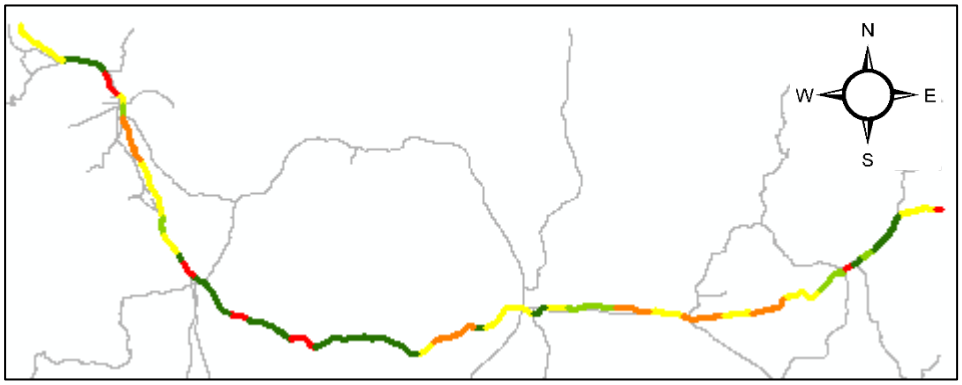


Citation Rate: I-90 South

0 - 295	733 – 1,243	Greater than or equal 1,934
296 - 732	1,244 – 1,933	Missing

Figure 93. Traffic Citations per 100 million Vehicle Miles Traveled on I-90 Southbound, 2011 - 2014

Figure 94 displays a third geographical representation of divided sections on the southbound lanes of I-90. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a higher amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the lower amounts of enforcement resources being allocated to locations where there are many truck related crashes. More enforcement resources must be allocated from the green sections to the red.



Truck Crashes per 1,000 Citations: I-90 South

0 - 1	6 - 14	Greater than or equal 24
2 - 5	15 - 23	Missing

Figure 94. Truck Crashes per 1,000 Citations on I-90 Southbound, 2011 – 2014
Table 48 presents a numerical summary of the green sections within

Figure 94, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations. Table 49 presents the same information, except this table displays information regarding the red sections within

Figure 94.

Table 48. Summary of Green Sections in Figure 94 on I-90 Southbound, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1000 Citations
ML90B	9.882	14.618	6.766	3,312	123	0	0
ML90B	14.618	16.341	1.723	3,599	621	0	0
ML90B	51.362	53.834	2.472	3,401	88	0	0
ML90B	56.357	56.846	0.489	2,567	1	0	0
ML90B	56.846	58.653	1.807	1,501	13	0	0
ML90B	58.653	65.975	7.322	1,685	190	0	0
ML90B	69.641	73.013	3.372	1,603	17	0	0
ML90B	73.013	77.914	4.901	1,583	26	0	0
ML90B	82.828	88.673	5.845	1,778	36	0	0
ML90B	88.673	91.491	2.818	1,836	5	0	0
ML90B	91.491	96.012	4.521	1,890	16	0	0
ML90B	96.012	102.521	6.509	1,890	115	0	0
ML90B	113.967	116.237	2.270	2,133	13	0	0
ML90B	126.387	128.090	1.703	4,184	64	0	0

ML90B	128.090	129.104	1.014	4,433	49	0	0
ML90B	187.533	188.998	1.465	2,922	16	0	0
ML90B	191.916	199.310	7.394	2,596	288	0	0
Total			**62.391**		**1,681**	**0**	

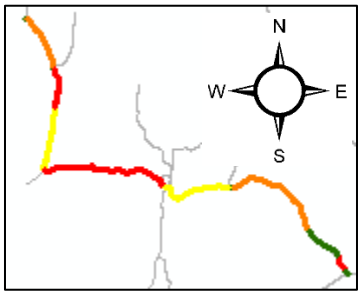
Table 49. Summary of Red Sections in Figure 94 on I-90 Southbound, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1000 Citations
ML90B	16.341	20.922	4.581	3,653	190	7	36
ML90B	53.834	56.357	2.523	3,427	157	4	25
ML90B	65.975	69.641	3.666	1,603	32	1	31.25
ML90B	77.914	82.828	4.914	1,636	27	1	37
ML90B	185.733	187.533	1.800	2,166	85	3	35
ML90B	205.895	207.140	1.244	2,919	8	1	125
Total			**18.728**		**499**	**17**	

ZONE 3

US-30

Figure 95 displays a geographical representation of US-30. Each section signifies the number of truck crashes per 100 MVMT. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are few red and orange sections on US-30, indicating a low impact of truck related crashes.



Truck Crash Rate: US-30

0 8 - 13 Greater than or equal 23

1 - 7 14 - 22

Figure 95. Truck Crashes per 100 Million Vehicle Miles Traveled on US-30, 2011 – 2014

Figure 96 displays a second geographical representation of US-30. Each of these sections signify the number of traffic citations per 100 MVMT. Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a higher amount of citations being issued per MVMT, indicating sufficient enforcement resources allocated on US-30.

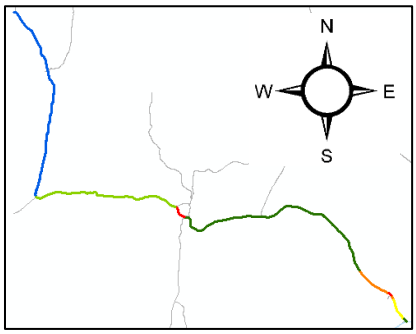
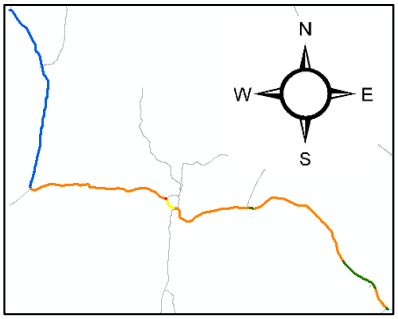


Figure 96. Traffic Citations per 100 Million Vehicle Miles Traveled on US-30, 2011 - 2014

Figure 97 displays a third geographical representation of US-30. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a lower amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the amounts of enforcement being allocated to locations where there are many truck related crashes. It is possible more enforcement resources should be allocated from the green sections to the red.



Truck Crashes per 1,000 Citations: US-30

0
1 - 4
5 - 15
16 - 44
Greater than or equal 45
Missing

Figure 97. Truck Crashes per 1,000 Citations on US-30, 2011 – 2014

Table 50 presents a numerical summary of the green sections within Figure 97, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations.
Table 51 presents the same information, except this table displays information regarding the red sections within Figure 97.

Table 50. Summary of green sections in Figure 97 on US-30, 2011 - 2014

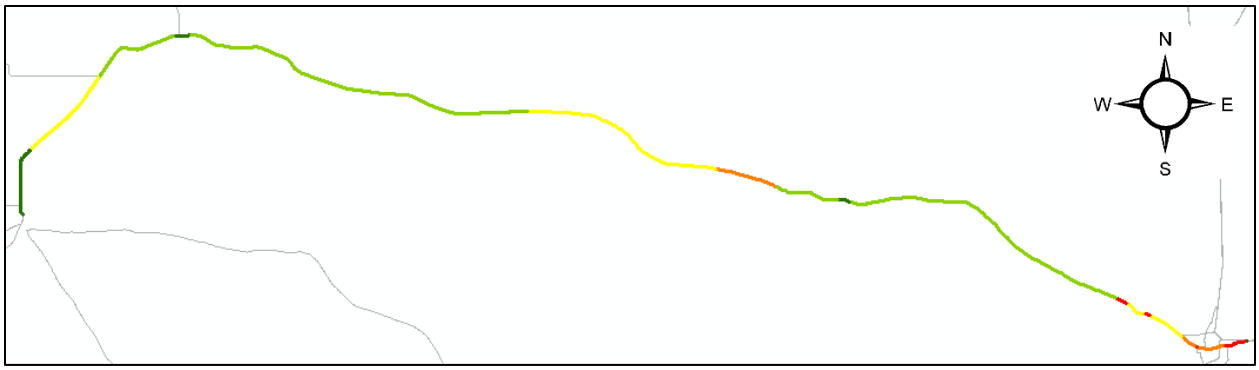
Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1,000 Citations
ML12B	69.317	69.947	0.630	1,513	0	0	0
ML12B	89.190	94.855	5.665	1,469	239	0	0
ML12B	94.855	95.342	0.487	1,639	83	0	0
ML12B	95.342	96.135	0.793	1,637	70	0	0
ML12B	99.539	100.030	0.491	2,300	1	0	0
Total			**8.066**		**393**	**0**	

Table 51. Summary of red sections in Figure 97 on US-30, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1,000 Citations
ML12B	52.328	52.485	0.157	1,510	20	1	50

US-26

Figure 98 displays a geographical representation of US-26. Each section signifies the number of truck crashes per 100 MVMT. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are few red and orange sections on US-26, indicating a low impact of truck related crashes.



Truck Crash Rate: US-26

0
1 - 7
8 - 13
14 - 22
Greater than or equal 23

Figure 98. Truck crashes per 100 million vehicle miles traveled on US-26, 2011 - 2014

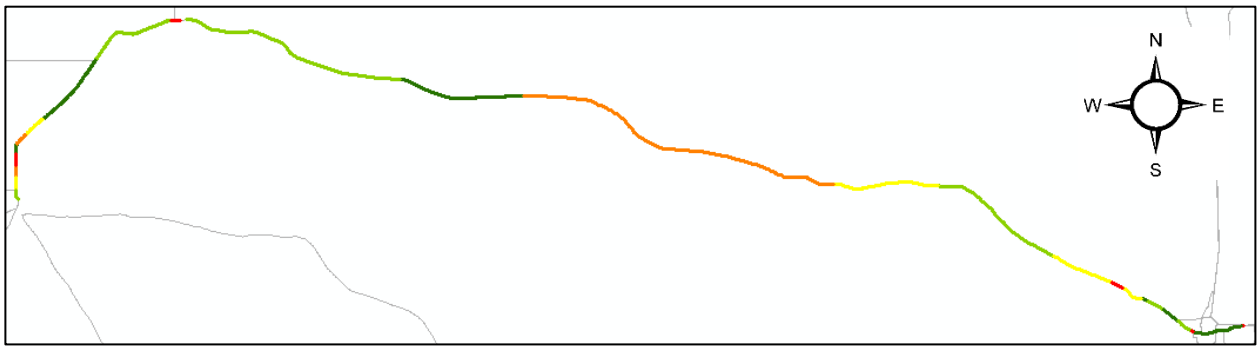
Figure 99 displays a second geographical representation of US-26. Each of these sections signify the number of traffic citations per 100 MVMT. Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a higher amount of citations being issued per MVMT, indicating sufficient enforcement resources allocated on US-26.

Citation Rate: US-26

0 - 648
649 - 946
947 – 1,758
1,459 – 3,711
Greater than or equal 3,712

Figure 99. Traffic Citations per 100 Million Vehicle Miles Traveled on US-26, 2011 – 2014

Figure 100 displays a third geographical representation of US-26. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a lower amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the amounts of enforcement being allocated to locations where there are many truck related crashes. It is possible more enforcement resources should be allocated from the green sections to the red.



Truck Crashes per 1,000 Citations: US-26

0
1 - 4
5 - 15
16 - 44
Greater than or equal 45

Figure 100. Truck Crashes per 1,000 Citations on US-26, 2011 – 2014

Table 52 presents a numerical summary of the green sections within Figure 100, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations. Table 53 presents the same information, except this table displays information regarding the red sections within Figure 100.

Table 52. Summary of Green Sections in Figure 100 on US-26, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1,000 Citations
ML34B	0.111	1.244	1.133	10376	496	0	0
ML34B	1.244	1.634	0.39	11615	223	0	0
ML34B	1.634	1.704	0.07	11775	56	0	0

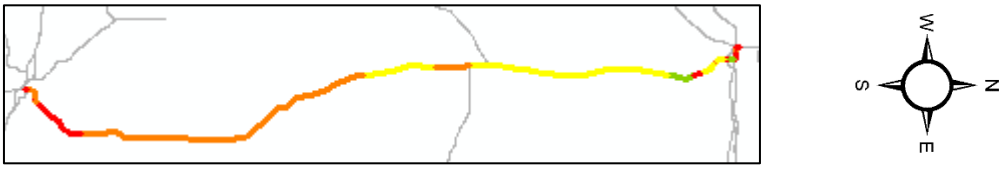
ML34B	1.776	2.337	0.561	11983	530	0	0
ML34B	2.337	2.854	0.517	12192	327	0	0
ML34B	2.854	3.931	1.077	13727	801	0	0
ML34B	3.931	4.518	0.587	12414	473	0	0
ML34B	6.052	7.7	1.648	15440	1020	0	0
ML34B	9.4	9.892	0.492	5368	581	0	0
ML34B	68.352	79.273	10.921	2342	223	0	0
ML20B	108.315	109.111	0.796	7482	108	0	0
ML20B	112.211	119.04	6.829	3906	781	0	0
Total			**25.021**		**5,619**	**0**	

Table 53. Summary of Red Sections in Figure 100 on US-26, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1,000 Citations
ML34B	0	0.05	0.05	8400	12	5	417
ML34B	4.531	4.64	0.109	13200	12	5	417
ML34B	11.76	12.889	1.129	3822	41	3	73
ML34B	99.529	100.038	0.509	2886	2	1	500
ML20B	107.32	108.315	0.995	8282	78	4	51
ML20B	126.942	127.3	0.358	3979	22	2	91
Total			**3.15**		**167**	**20**	

WY-59

Figure 101 displays a geographical representation of WY-59. Each section signifies the number of truck crashes per 100 MVMT. Green sections represent the lowest number of truck crashes per 100 MVMT, while red represents the highest rate. There are few red and orange sections on WY-59, indicating a low impact of truck related crashes.



Truck Crash Rate: WY-59

0
1 - 7
8 - 13
14 - 22
Greater than or equal 23

Figure 101. Truck Crashes per 100 Million Vehicle Miles Traveled on WY-59, 2011 - 2014

Figure 102 displays a second geographical representation of WY-59. Each of these sections signify the number of traffic citations per 100 MVMT. Green sections represent the lowest number of traffic citations per 100 million MVMT, while red represents the highest rate. There are more sections with a higher amount of citations being issued per MVMT, indicating sufficient enforcement resources allocated on WY-59.

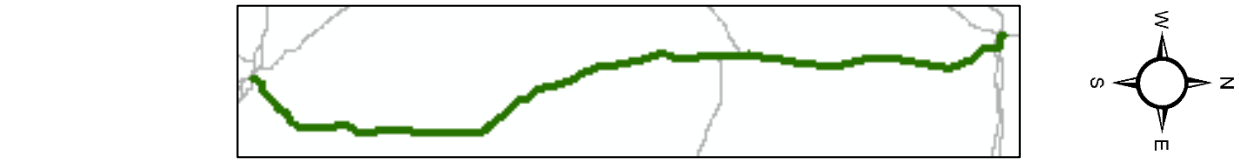


Figure 102. Traffic Citations per 100 Million Vehicle Miles Traveled on WY-59, 2011 - 2014

Figure 103 displays a third geographical representation of WY-59. Each of these sections signify the number of truck crashes per 1,000 issued traffic citations. Green sections represent the lowest number of truck crashes per 1,000 issued citations, while red represents the highest rate. There are more miles with a lower amount of truck crashes per 1,000 issued traffic citations. This may indicate a high relationship between the amounts of enforcement being allocated to locations where there are many truck related crashes. It is possible more enforcement resources should be allocated from the green sections to the red.

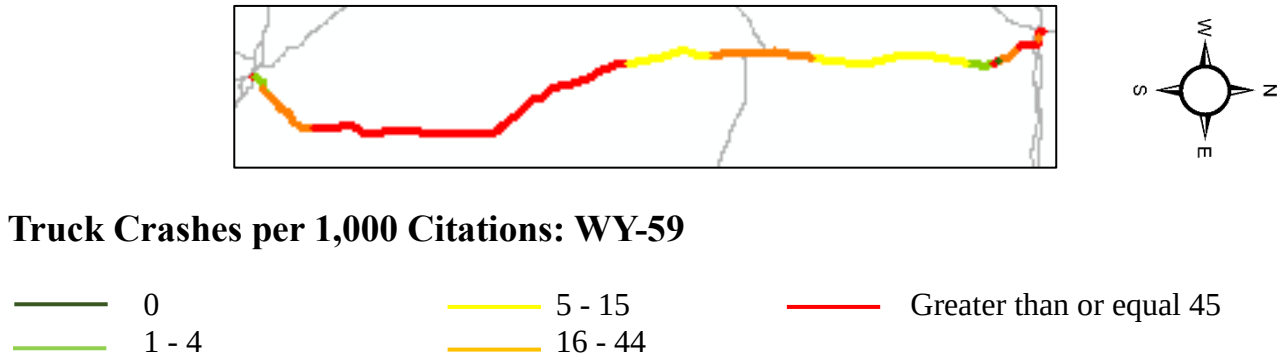


Figure 103. Truck Crashes per 1,000 Citations on WY-59, 2011 – 2014

Table 54 presents a numerical summary of the green sections within Figure 103, displaying the beginning and ending milepost, length of each section, average annual daily traffic, the number of issued citations within the section, the number of truck crashes within the section, and the number of truck crashes per 1,000 issued traffic citations. Table 55 presents the same information, except this table displays information regarding the red sections within Figure 103.

Table 54. Summary of Green Sections in Figure 103 on WY-59, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1,000 Citations
ML43B	106.860	106.950	0.090	8,062	0	0	0
ML43B	112.160	112.240	0.080	29,415	0	4	0
ML43B	112.780	113.098	0.318	20,650	47	0	0
Total			**0.488**		**47**	**4**	

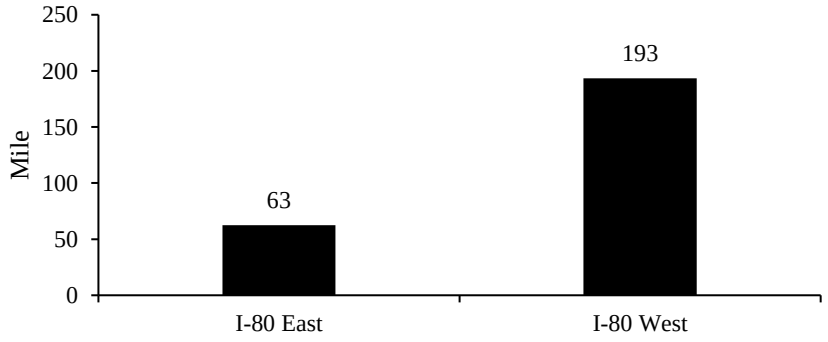
Table 55. Summary of Red Sections in Figure 103 on WY-59, 2011 - 2014

Route	BegMP	EndMP	Length	AADT	Citation Frequency	Crash Frequency	Truck Crashes Per 1,000 Citations
ML43B	0.000	0.065	0.065	3,987	6	1	167
ML43B	0.065	0.140	0.075	4,503	20	3	150
ML43B	10.700	36.220	25.520	3,187	390	19	49
ML43B	36.220	56.507	20.287	2,453	109	10	92
ML43B	106.097	106.860	0.763	7,492	6	2	333
ML43B	110.600	111.440	0.840	20,651	38	3	79
ML43B	111.440	112.160	0.720	31,433	122	9	74
ML43B	112.240	112.780	0.540	27,181	3	1	333
ML43B	113.098	113.950	0.852	8,997	3	3	1000
ML43B	114.270	114.855	0.585	5,791	12	1	83
ML43B	114.855	115.412	0.557	5,662	30	2	67
Total			**50.804**		**739**	**54**	

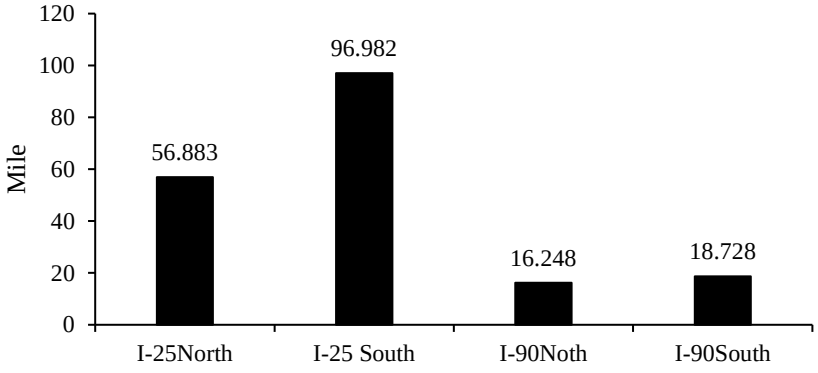
CHAPTER SUMMARY

This chapter examined the density of truck crashes and citation locations on different segments of the routes under this study. It presented hot spots, crash types and causes, and citation types. Color coded maps were developed to clearly identify troubled locations. Such maps provide enforcement organizations in Wyoming with valuable information to identify where to concentrate their enforcement and inspection efforts.
Figure 104 presents the overall comparison of the crash hot spot analysis. The following conclusions are derived as follows:

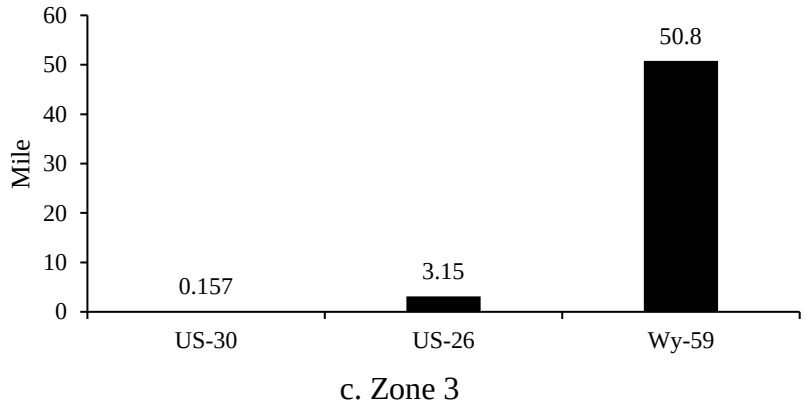
- I-80 westbound had more crash-hot spot miles (193) than I-80 eastbound (63).
- I-25 southbound had more crash hot spot miles (97) than I-25 northbound (57).
- I-90 southbound had more crash hot spot miles (19) than I-90 northbound (16).
- WY-59 had the highest amount of crash hot spot miles (50.8) out of the three U.S. and state highway routes
- When comparing the three zones, I-80 in Zone 1 had the most crash hot spot miles, followed by I-25 in Zone 2.WY-59 in Zone 3 had more crash hot spot miles than I-90 in Zone 2.



a. Zone 1



b. Zone 2



c. Zone 3

Figure 104. Crash Hot Spot Comparison of the three Zones

CHAPTER 8. ENFORCEMENT EVALUATION

INTRODUCTION

The efficiency of Wyoming Highway Patrol (WHP) were measured by comparing Wyoming Highway Patrol to other state highway patrols surrounded by Wyoming. Seven surrounding states: Colorado, Nebraska, South Dakota, North Dakota, Montana, Idaho and Utah were included in this analysis shown in Figure 105. These states were included because of having relatively similar geography, weather and population. Table 56 shows the population density and the summary of roads in miles by functional classification of roadways. In this table, interstates and principal arterials were considered as the highways. The table shows Wyoming, Montana, North Dakota and South Dakota have a relatively lower population density compared to other states. A comparison analysis was conducted on all eight states to investigate the efficiency of WHP on traffic crashes. Crash and enforcement data included in this analysis was collected from state highways patrols. Since this study's focus is on state highways, enforcement data was collected on state highways. Crash data on state highways was not available, but statewide crash data was available and used in this study instead.

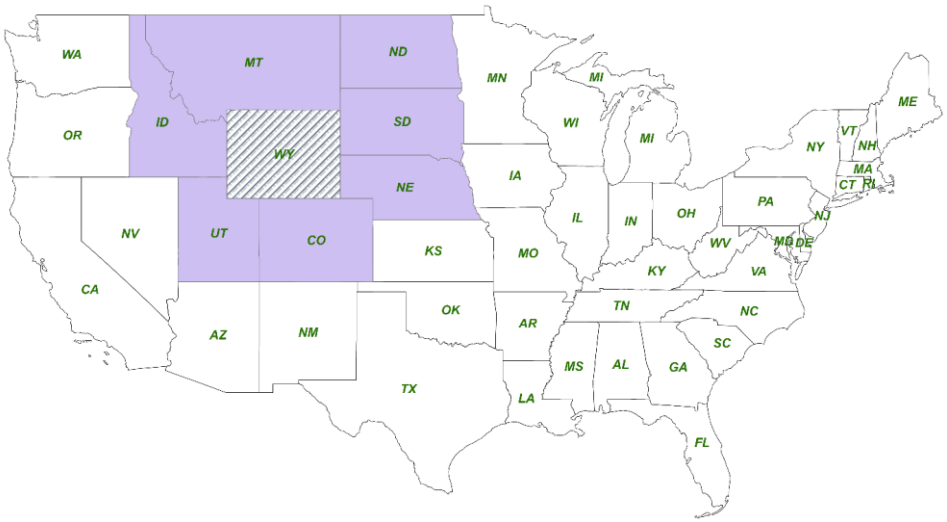


Figure 105: Surrounding States of Wyoming

Table 56: Population Density and Roads in Surrounding States

States	Population Density (population per square mile)*	Highways			Others Roads	Total Roads
		Interstate & Expressways	Principal Arterial	Total		
Colorado	52	1,304	3,637	4,941	83,798	88,740
Idaho	20	612	2,226	2,837	46,065	48,902
Montana	6.86	1,192	3,026	4,219	70,764	74,983
Nebraska	24	921	2,770	3,691	90,177	93,868
North Dakota	11.7	571	3,138	3,709	83,379	87,088
South Dakota	11.13	701	3,012	3,714	78,863	82,576
Utah	34.3	989	1,815	2,804	43,349	46,153
Wyoming	**5.97**	**916**	**2,213**	**3,129**	**25,843**	**28,972**

Source: Wikipedia

CRASHES

The National Highway Traffic Safety Administration (NHTSA) contains and manages the yearly data statewide regarding fatal injuries suffered in motor vehicle traffic crashes.
In this chapter, the effects of enforcement on crashes was investigated by comparing their budget, sworn personnel, percent time patrolling and fatality rate. Table 57 presents the total number of statewide fatalities for Wyoming and its surrounding states from 2011 to 2015. It should be recognized these are statewide numbers, including fatalities on roads not classified as a state highway. Figure 106 presents a graphical representation of the statewide fatalities in Wyoming and its surrounding states.

Table 57: Statewide Fatalities in Wyoming and Surrounding States, 2011 and 2015

Year	Colorado	Idaho	Montana	Nebraska	North Dakota	South Dakota	Utah	Wyoming
2010	450	209	189	190	105	140	253	155
2011	447	167	209	181	148	111	243	135
2012	474	184	205	212	170	133	217	123
2013	482	214	229	211	148	135	220	87
2014	488	186	192	225	135	136	256	150
2015	546	216	224	246	131	133	276	145

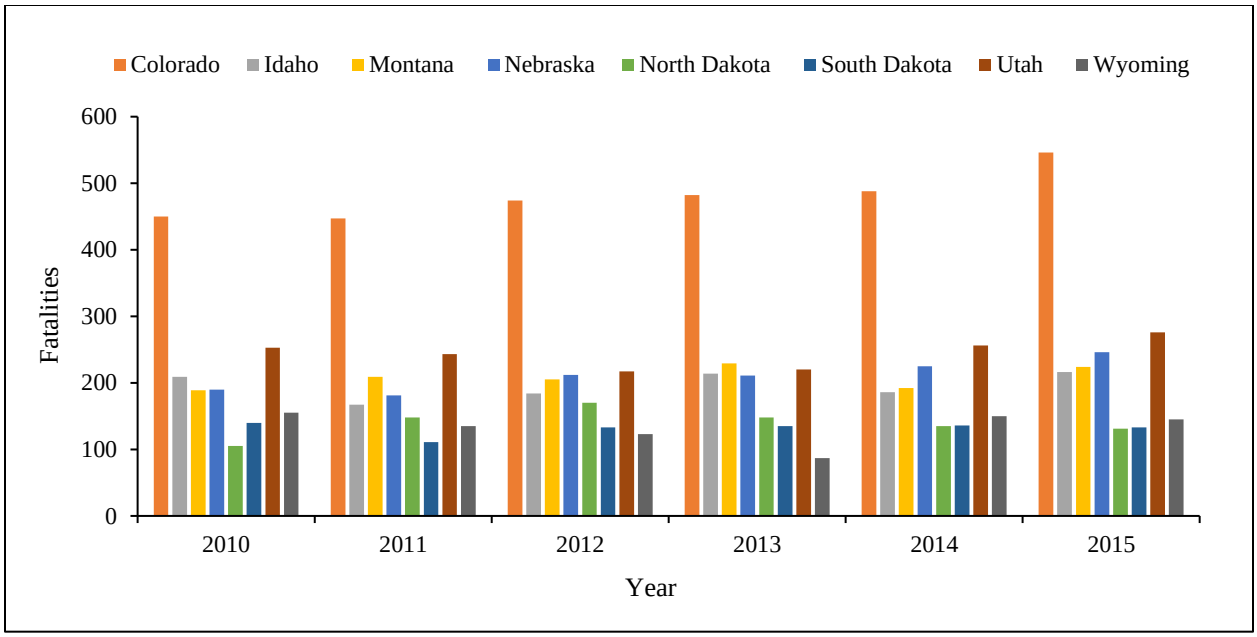


Figure 106: Statewide Fatalities in Wyoming and Surrounding States, 2011 – 2015

Table 58 presents the total number of statewide fatal crashes for Wyoming and its surrounding states from 2011 to 2015. It should be recognized these are statewide numbers, including fatal crashes on roads not classified as a state highway. Figure 107 presents a graphical representation of the statewide fatal crashes in Wyoming and its surrounding states. Wyoming, North Dakota, and South Dakota had the lowest amount of fatal crashes of the eight states from 2011 to 2015. This is potentially due to the lower population density in these states.

Table 58: Statewide Fatal Crashes between 2011 and 2015

Year	Colorado	Idaho	Montana	Nebraska	North Dakota	South Dakota	Utah	Wyoming
2010	411	185	161	166	92	124	218	139
2011	407	152	187	164	130	101	224	120
2012	434	169	192	190	147	118	200	112
2013	432	200	203	190	133	121	202	75
2014	451	175	176	203	121	125	222	131
2015	506	198	204	218	111	115	256	129

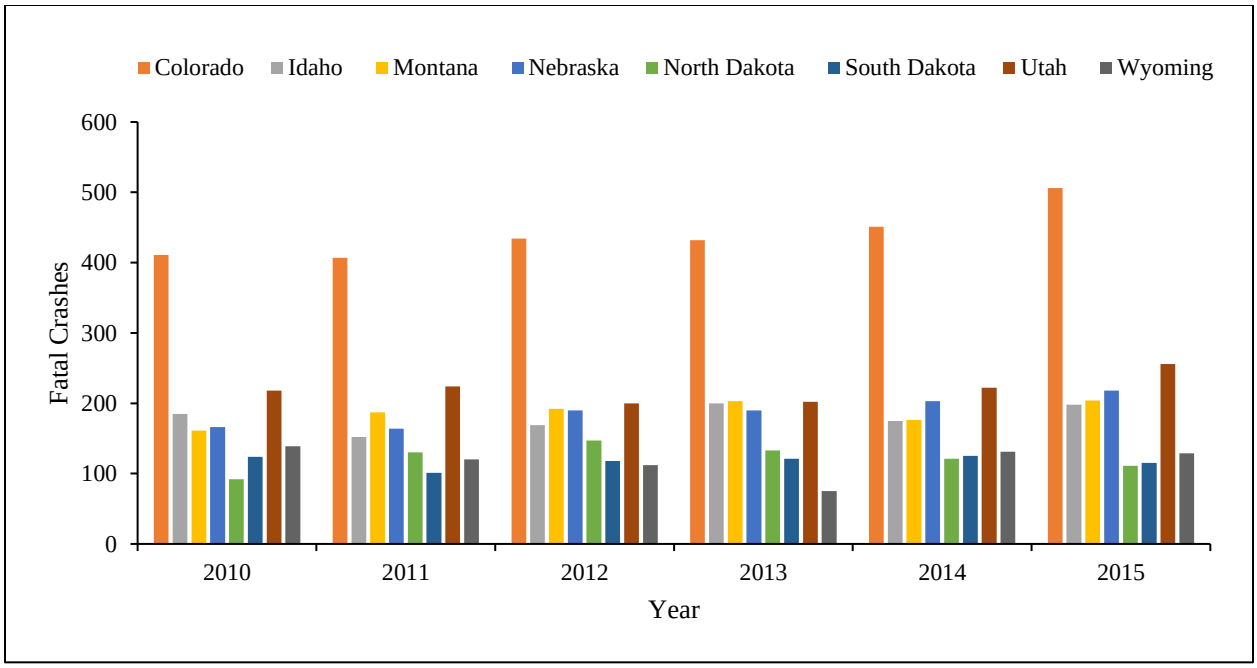


Figure 107: Statewide Fatal Crashes in Wyoming and Surrounding States, 2011- 2015

Table 59 shows the number of statewide fatalities per 100 million vehicle miles traveled (MVMT) in Wyoming and its surrounding states. VMT is calculated by multiplying the amount of daily traffic on a roadway segment by the length of the segment, then summing all the segments' VMT to give a total for the study area.
Wyoming had more statewide fatalities per 100 MVMT than the United States combined from 2010 to 2014, excluding the year 2013. Wyoming also had some of the leading numbers in fatalities per 100 MVMT in comparison of the eight states.

Table 59: Statewide Fatalities per 100 MVMT

	Statewide Fatalities Per 100 MVMT				
	2010	**2011**	**2012**	**2013**	**2014**
Wyoming	1.66	1.46	1.33	0.93	1.59
Montana	1.69	1.79	1.72	1.9	1.58
Idaho	1.32	1.05	1.13	1.34	1.15
Utah	0.95	0.93	0.82	0.81	0.93
Colorado	0.96	0.96	1.01	1.03	1
Nebraska	0.98	0.95	1.1	1.09	1.15
South Dakota	1.58	1.23	1.46	1.48	1.47
North Dakota	1.27	1.62	1.69	1.47	1.28
US	1.11	1.1	1.14	1.1	1.08
Best State	0.64	0.65	0.42	0.57	0.57

Figure 108 and Figure 109 presents the comparison between the statewide fatality crash rate in Wyoming and its surrounding states. Montana led the eight states with the highest fatality crash

rate every year from 2011 – 2015 with an average fatality rate of 1.74. North and South Dakota held the second, and third, highest average fatal crash rate between 2011 and 2015 at 1.47, and 1.44. Wyoming held the fourth highest average fatal crash rate between 2011 and 2015 at 1.40. The lowest average fatal crash rate over the five-year span was in Utah, at 0.89.

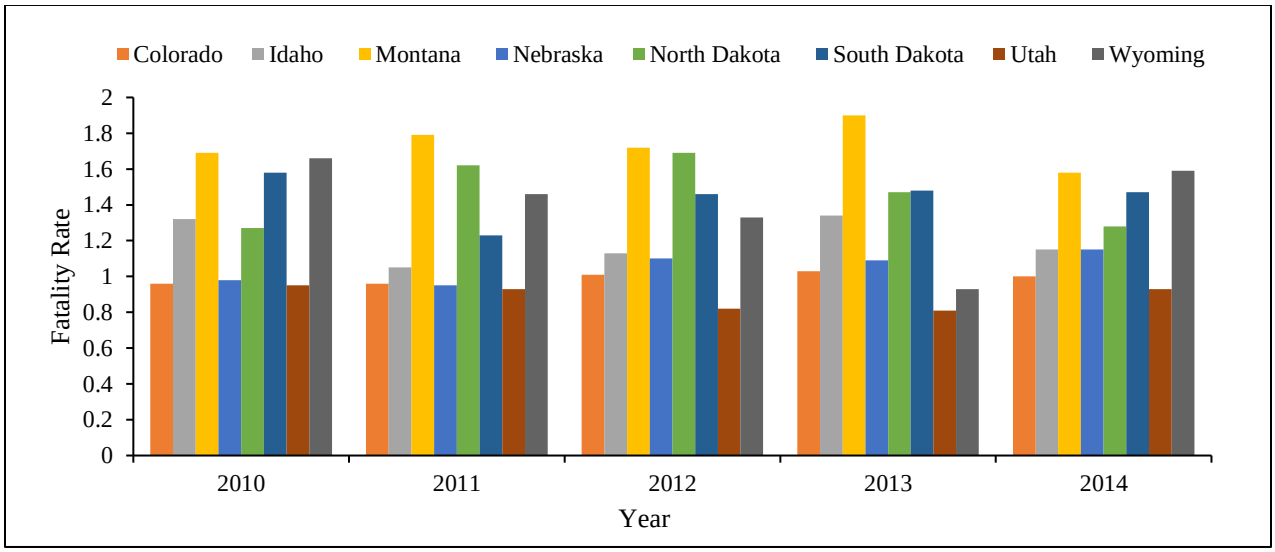


Figure 108: Statewide Fatality Crash Rate in Wyoming and Surrounding States, 2011 - 2015

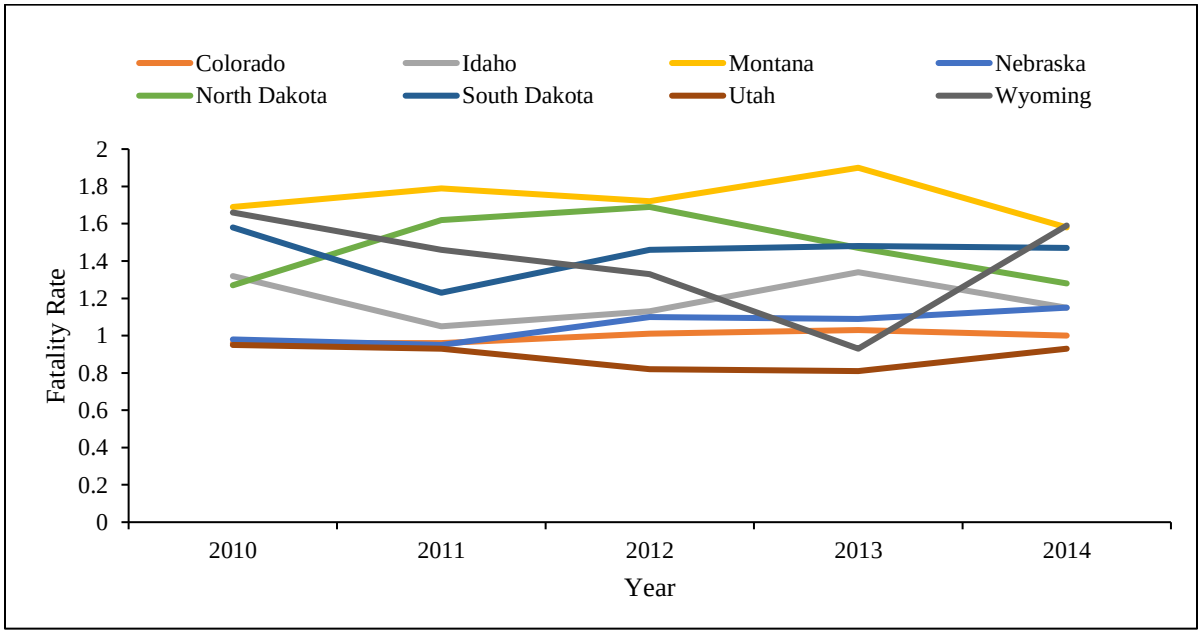


Figure 109: Statewide Fatality Crash Rate in Wyoming and Surrounding States, 2011 – 2015

STATE ENFORCEMENT BUDGET AND PATROL INFORMATION

Table 60 presents the summary of the population, highway miles, and average million vehicle miles traveled in Wyoming, as well as the surrounding states in 2014. Figure 110 presents a graphical representation of the population in Wyoming, and its surrounding states. Wyoming has the lowest population, as well as some of the lowest million-vehicle miles traveled on its highways. Colorado has the highest population density, as well as the highest amount of highway miles out of the eight states.

Table 60: Summaries of Highway Mileage, Travel Miles and Population by States, 2014

States	Population	Highway* Length (Miles)	Highway* Lane Length (Miles)	Highway* VMT (Millions)	Average Lanes per Mile Segment	Average MVMT per Lane Mile
Colorado	5,355,866	4,941	15,485	30,955	3.1	2.0
Idaho	1,634,464	2,838	7,920	8,225	2.8	1.0
Montana	1,023,579	4,219	11,505	6,652	2.7	0.6
Nebraska	1,881,503	3,691	10,154	10,721	2.8	1.1
North Dakota	739,482	3,709	9,793	5,801	2.6	0.6
South Dakota	853,175	3,714	9,780	5,070	2.6	0.5
Utah	2,942,902	2,805	9,856	17,051	3.5	1.7
Wyoming	584,153	3,130	8,515	5,362	2.7	0.6

* Highways include interstates, other freeways & Expressways, and other principal arterials

* Data Source: Federal Highway Administration, Available at https://www.fhwa.dot.gov/policyinformation/statistics/abstracts/2014/

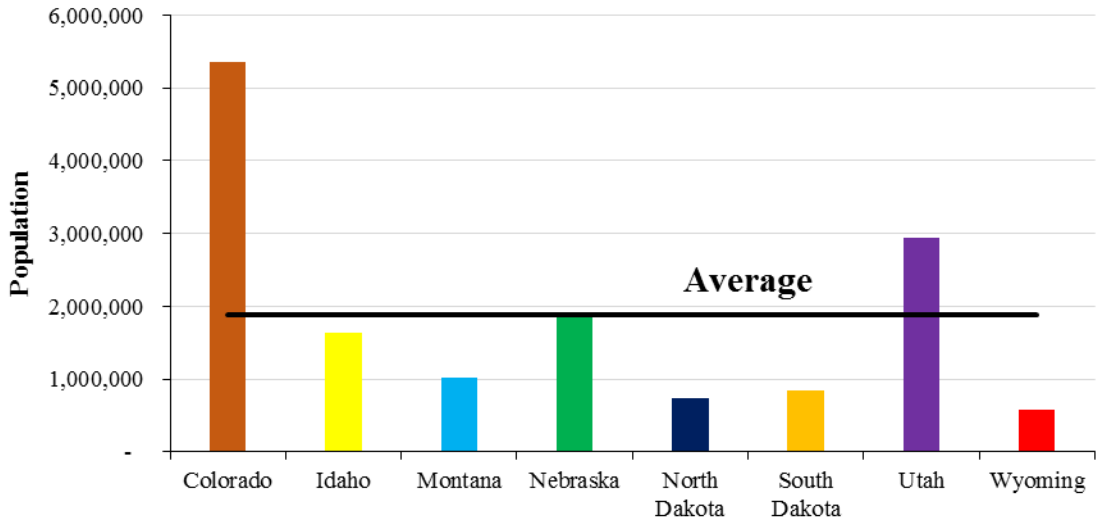


Figure 110: Population in Wyoming and Surround States, 2014

Figure 111 presents a graphical comparison of the amount of highway miles and highway miles traveled by state in 2014. Colorado has more million-vehicle miles traveled in comparison to the actual length of highway miles within that state. Figure 112 displays a graphical representation of the average million vehicle miles traveled per lane mile in Wyoming and its surrounding states. Montana, North Dakota, South Dakota, and Wyoming are all well below the average of all states (1 MVMT/lane-mile).

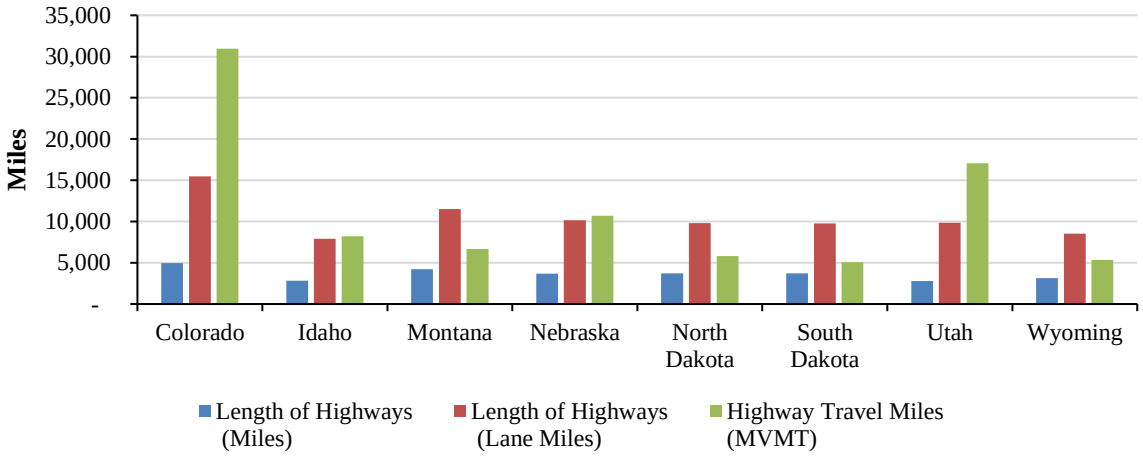


Figure 111: Highway Mileage (Miles) and Travel Miles (MVMT) in Wyoming and Surrounding States, 2014

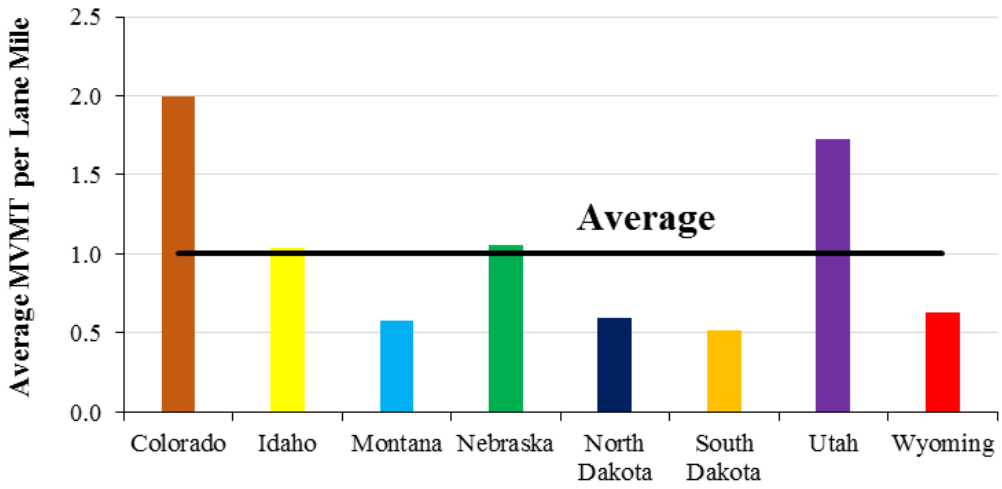


Figure 112: Average MVMT per Lane Mile in Wyoming and Surrounding States, 2014

Figure 113 presents the data summarizing the variations of annual enforcement budgets in Wyoming, Colorado, Idaho, and North Dakota from 2010 to 2014. The data for the other states surrounding Wyoming was not available based on a yearly basis. Figure 114 presents the average annual enforcement budget from 2010 – 2014 in Wyoming and its surrounding states. The average budget of all eight states over the fiver year span was $55 million. Colorado had the highest annual budget, with an average of $126 million over the five-year span. Wyoming had the fourth highest average annual budget with $41 million. Montana, North Dakota, South Dakota, and Utah have a similar average annual enforcement budgets in comparison to Wyoming, but are slightly lower. North Dakota had the lowest average annual budget at $24 million.

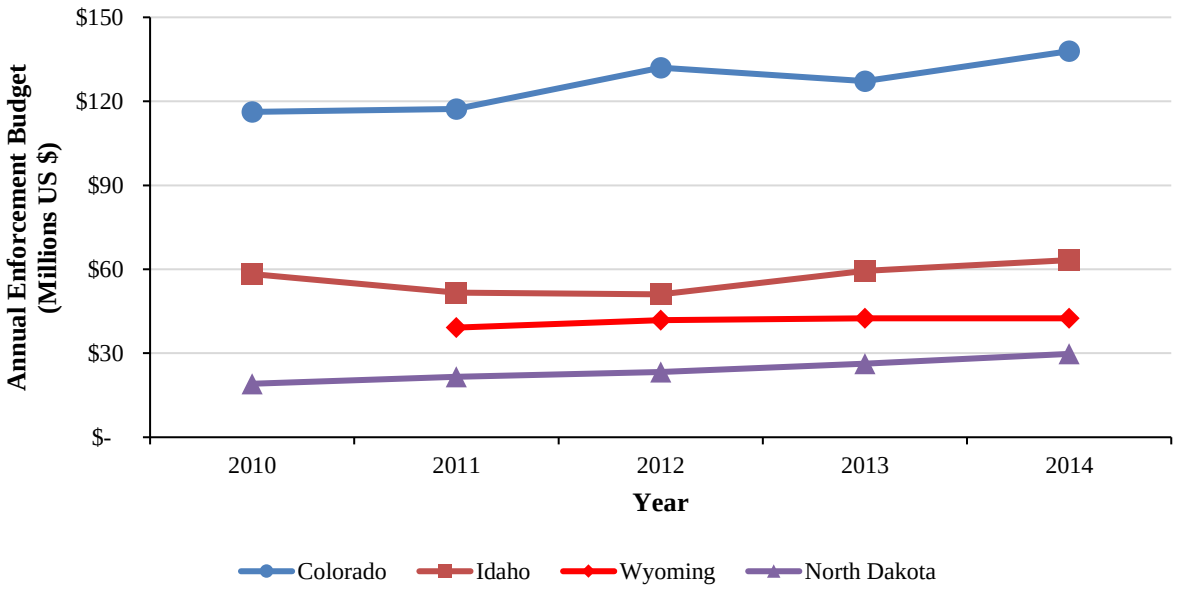


Figure 113: Variations of Annual Enforcement Budgets in Wyoming, Colorado, Idaho, and North Dakota, 2010-2014

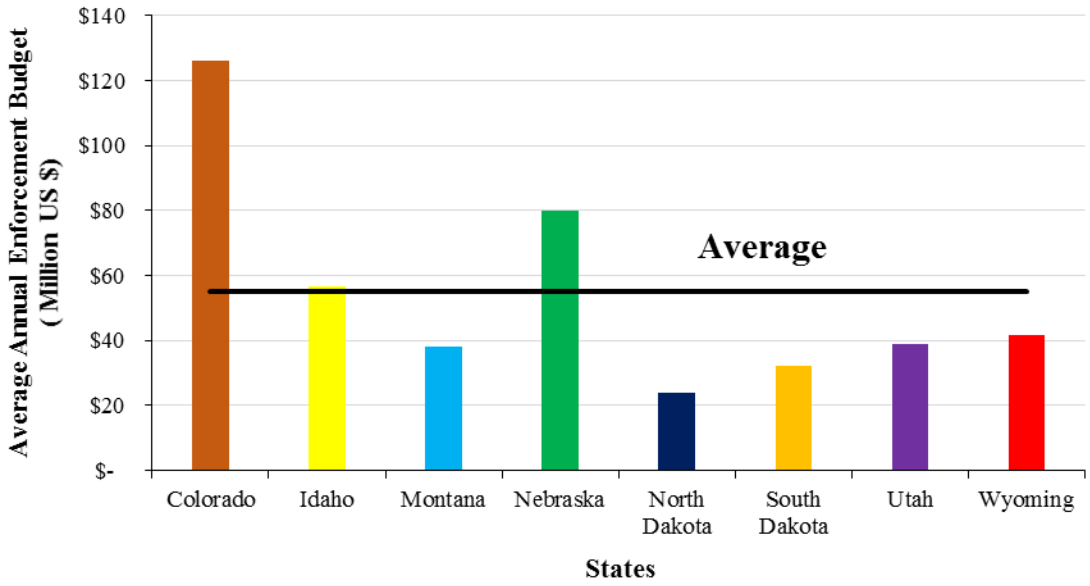


Figure 114: Average Annual Enforcement Budget in Wyoming and Surrounding States, 2010 – 2014

Figure 115 and Figure 116 display a graphical comparison of the average annual enforcement budget per 1000 miles of highway and the average annual budget per 100,000 people in Wyoming and its surrounding states. Colorado, Idaho and Nebraska have the highest average annual budget per 1,000 miles of highways, but Colorado and Idaho fall below the average

annual budget per 100,000 people of the eight states. Utah has the lowest average annual enforcement budget per 100,000 people at $1.3 million, and Colorado had the second lowest with $2.4 million. Colorado and Utah were the most populated of the eight states and had the highest number of highway vehicle miles traveled. North Dakota had the lowest annual budget per 1000 miles of highways out of the eight states. Wyoming had the lowest population of the eight states, thus resulting in the highest average annual budget per 100,000 people. Its average annual enforcement budget per 1,000 miles of highways was just below the overall average of the eight states at $13 million.

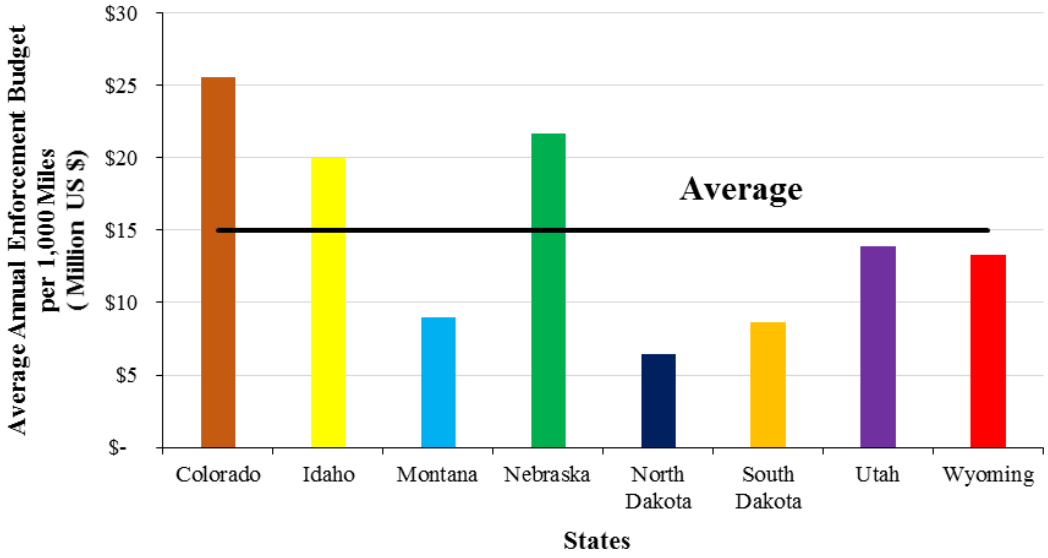


Figure 115: Average Annual Enforcement Budget per 1000 miles of Highways in Wyoming and Surround States, 2010 - 2014

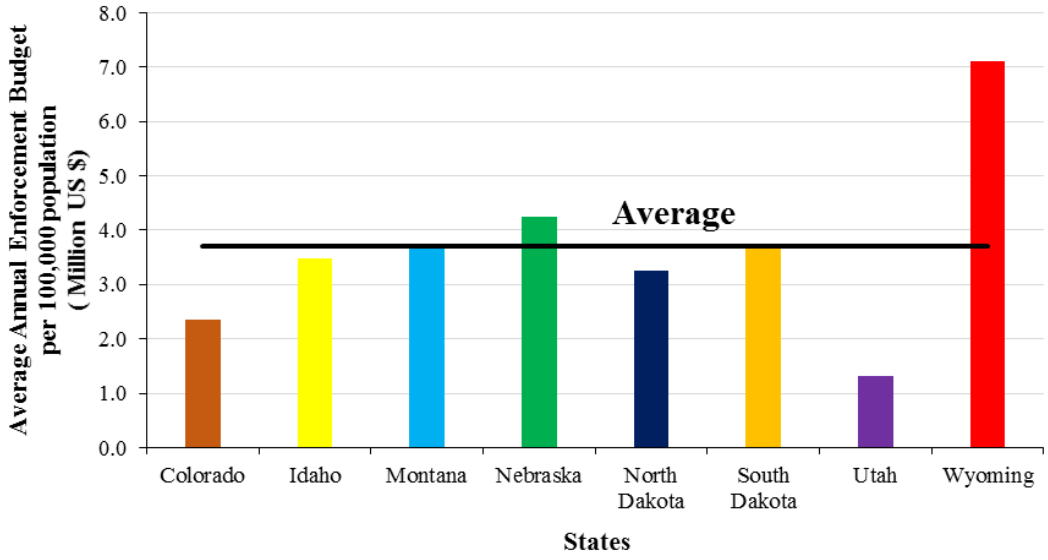


Figure 116: Average Annual Budget per 100,000 population in Wyoming and Surrounding States, 2014

Figure 117 presents the average annual budget per 1 billion vehicle miles traveled (VMT) in Wyoming and its surrounding states. Wyoming has the highest average annual budget per 1 billion VMT at $7.7 million. Utah, Colorado, and North Dakota have the lowest average annual budget per 1 billion VMT of the eight states.

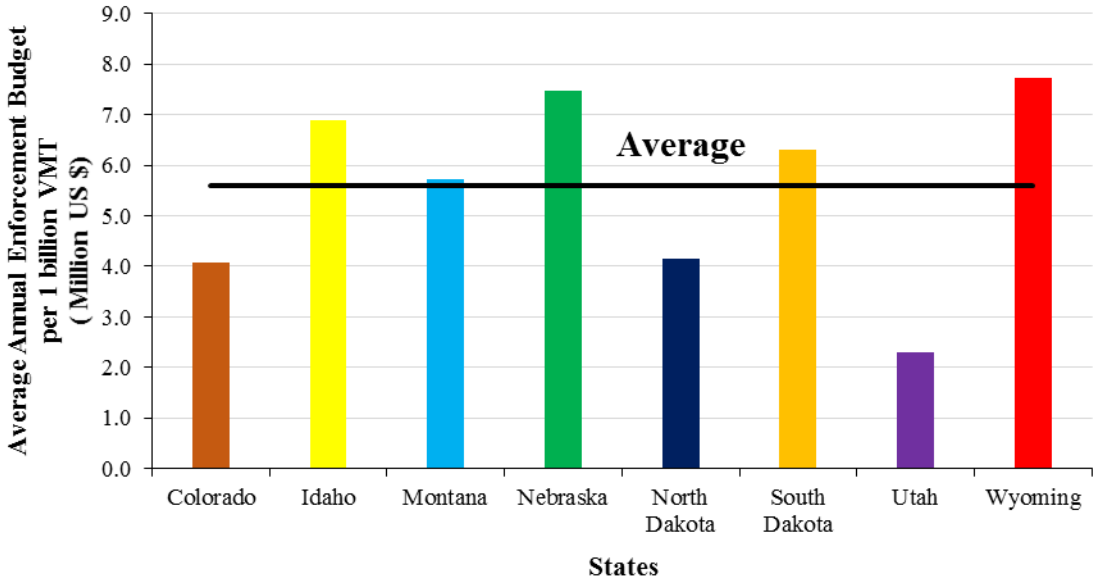


Figure 117: Average Annual Budget per 1 billion VMT in Wyoming and Surrounding States, 2014

Figure 118 presents graphical information comparing the number of sworn state patrol officers within Wyoming and its surrounding states. The average number of sworn state patrol officers across the eight states was 330 officers. Idaho, Montana, North Dakota, South Dakota, and Wyoming were all well below the average amount of sworn state patrols officers across the eight states. These states all had the lowest overall populations, potentially contributing to the lower amounts of sworn state patrol officers. Colorado had the highest number of sworn state patrol officers at 742. Wyoming's total amount of sworn state patrol officers was 189. There is a large spread between the number of officers in the more populated states versus the lesser populated states.

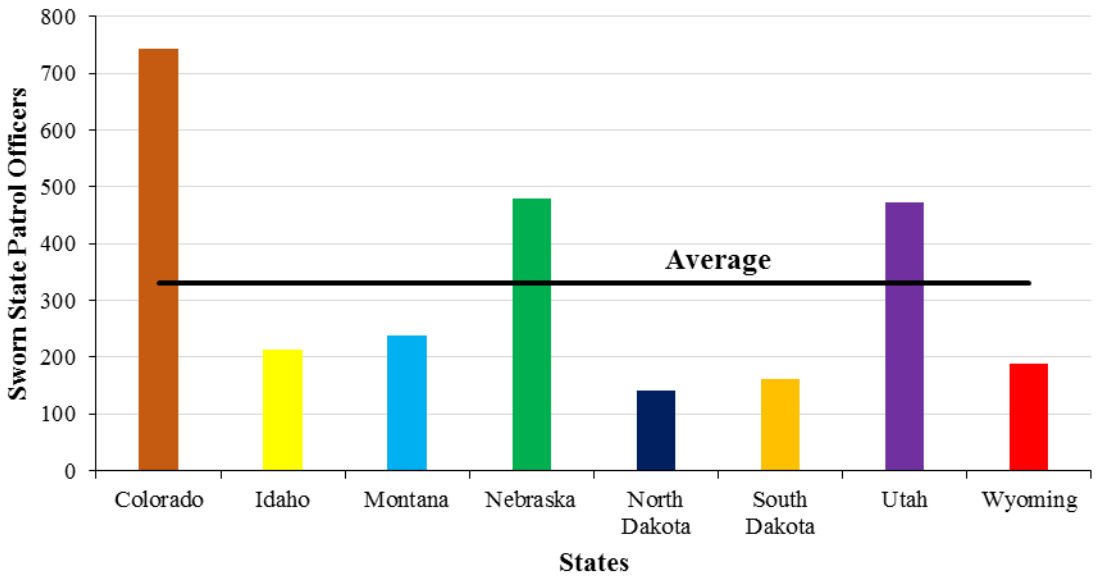


Figure 118: Sworn State Patrol Officers in Wyoming and Surrounding States

Figure 119 and Figure 120 compare the number of sworn state patrol officers per 1,000 miles of highways and the number of sworn state patrol officers per 100,000 people in Wyoming and surrounding states. The average number of sworn officers per 1,000 miles of highway between the eight states was 90. Utah had the highest amount of sworn officers per 1,000 mile of highway at 169 officers. Colorado and Nebraska had the second highest amount of sworn officers per 1,000 miles of highway at 150 and 130 officers. Wyoming was below the overall average with 60 sworn officers per 1,000 miles of highway. North and South Dakota held the lowest amount of sworn officers with 38 and 44 per 1,000 miles of highway.

The average number of sworn officers per 100,000 people between all eight states was 20 officers. Wyoming held the highest amount of sworn officers per 100,000 people at 32 offices, while Colorado and Idaho held the lowest with 14 and 16 offices. Montana and Nebraska both held a number of sworn officers per 100,000 people above the overall average with 23 and 26 officers.

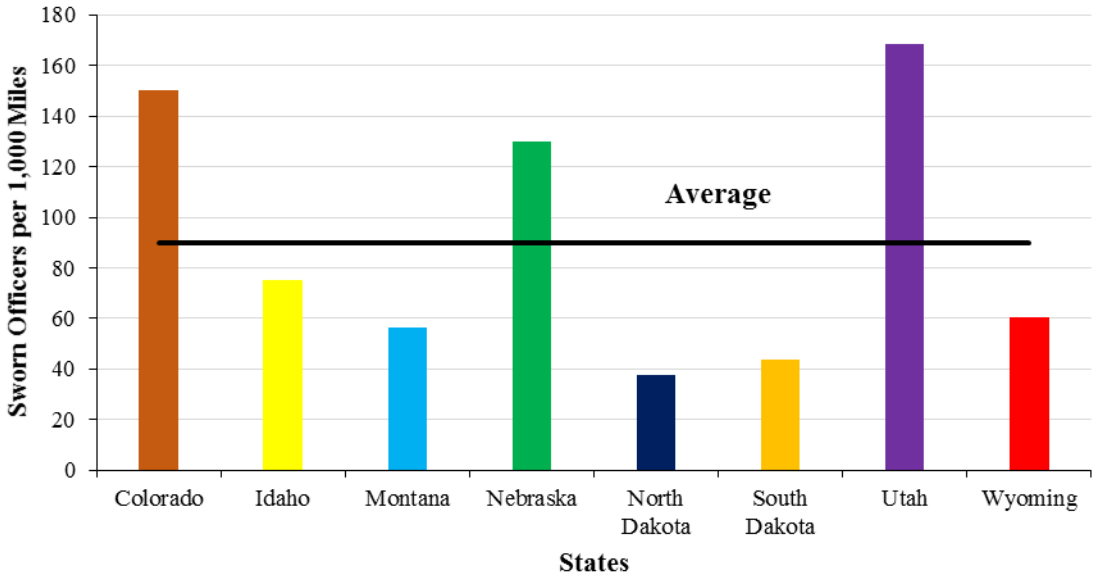


Figure 119: Sworn State Patrol Officers per 1,000 Miles of Highways in Wyoming and Surrounding States

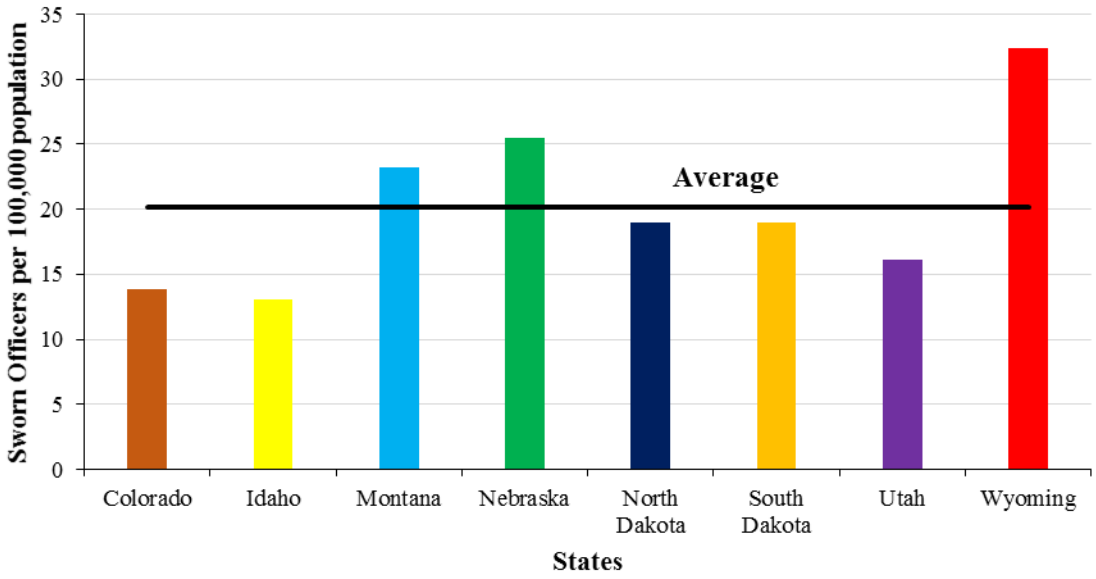


Figure 120: Sworn State Patrol Officers per 100,000 population of Highways in Wyoming and Surrounding States

Figure 121 presents the amount of sworn state patrol officers per 1 billion vehicle miles traveled (VMT) in Wyoming and its surrounding states. The average amount of sworn state patrol officers per 1 billion VMT was 31 officers. Wyoming held the third highest amount of sworn officers per 1 billion VMT at 35 officers, with Montana slightly above Wyoming with 36 officers and Nebraska with the highest at 45 officers.

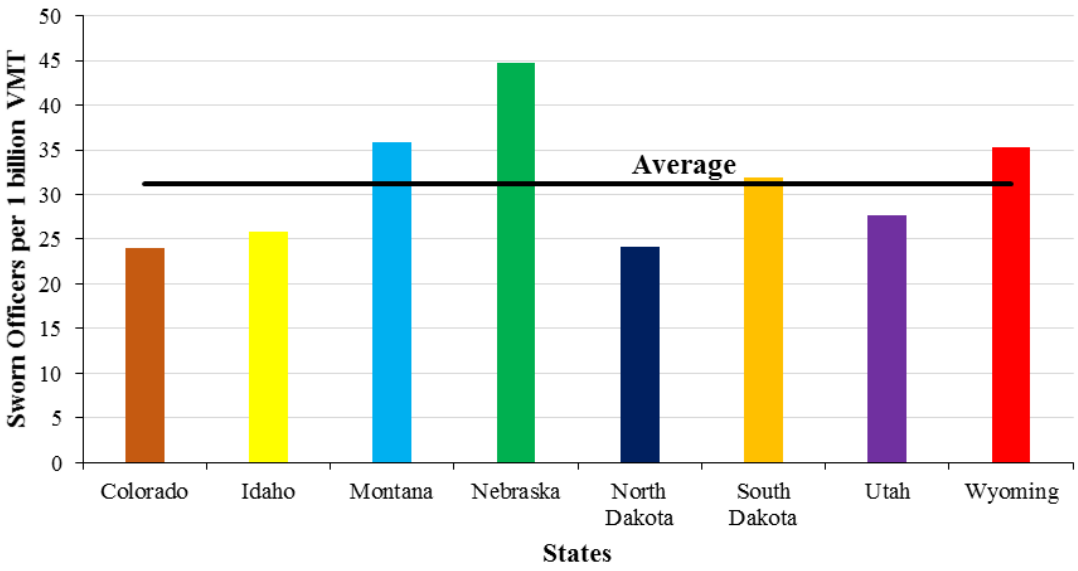


Figure 121: Sworn State Patrol Officers per 1 billion VMT in Wyoming and Surrounding States

Figure 122 presents the comparison of percent time patrolling in Wyoming, North Dakota, Nebraska, and Montana. The percent time patrolling was calculated using Equation 5. The average time spent patrolling across the four states was 51 percent. Montana patrol officers spent the least amount of time patrolling at 36 percent, while Wyoming spend the second least amount of time at 38 percent. Nebraska state patrol spent 65 percent of their time patrolling, while North Dakota has spent 66 percent.

$$Percent\ Time\ Patrolling = \frac{Actual\ Office\ Hours - Administrative\ Hours}{Actual\ Office\ Hours} * 100\% \qquad \text{Equation (5)}$$

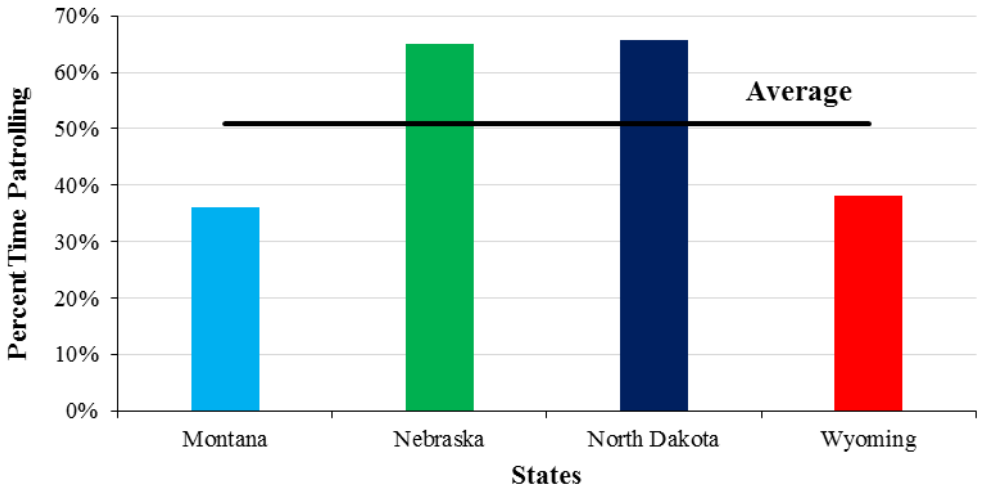


Figure 122: Percent Time Patrolling in Wyoming and Surrounding States

CHAPTER SUMMARY

Crash data, enforcement budget, and the number of sworn state patrol officers were analyzed in Wyoming and seven surrounding states: Colorado, Idaho, Montana, Nebraska, North Dakota, South Dakota, and Utah. These states were included because of having relatively similar geography, weather and population.

Population

- Wyoming has the lowest population density of the eight states, closely followed by Montana.
- Colorado has the greatest population density of the eight states.

Crash Data

- Montana had the highest average of statewide fatalities per 100 MVMT from 2010 to 2014 at 1.74.
- Wyoming had the third highest average statewide fatalities per 100 MVMT from 2010 to 2014 at 1.40.
- Utah held the best average of statewide fatalities per 100 MVMT from 2010 to 2014 at 0.88.

Highway Mileage

- Colorado had the largest difference between the length of highway miles (4,941) and the amount of MVMT (30,995) in 2014.
- Wyoming (5,362), North Dakota (5,801), and South Dakota (5,070) had the lowest amount of MVMT on their highways in 2014.
- Wyoming, North Dakota, South Dakota, and Montana had the lowest average MVMT per lane mile of the eight states.

Enforcement Budget

- The average budget from 2010 – 2014 of all eight states was $55 million.
- Colorado had the highest annual budget, with an average of $126 million over the five-year span.
- Wyoming had the fourth highest average annual budget with $41 million over the five-year span.
- Wyoming had the lowest population of the eight states, thus resulting in the highest average annual budget per 100,000 people.
- Wyoming has the highest average annual budget per 1 billion VMT at $7.7 million.

Sworn Patrol

- The average number of sworn state patrol officers across the eight states was 330 officers.
- Idaho, Montana, North Dakota, South Dakota, and Wyoming were all well below the average amount of sworn state patrols officers across the eight states. These states all had

the lowest overall populations, potentially contributing to the lower amounts of sworn state patrol officers.

- Colorado had the highest number of sworn state patrol officers at 742.
- Wyoming's total amount of sworn state patrol officers was 189.
- There is a large spread between the number of officers in the more populated states versus the lesser populated states.
- The average number of sworn officers per 1,000 miles of highway between the eight states was 90.
- Wyoming was below the overall average with 60 sworn officers per 1,000 miles of highway.
- The average number of sworn officers per 100,000 people between all eight states was 20 officers.
- Wyoming held the highest amount of sworn officers per 100,000 people at 32 offices, while Colorado (14) and Idaho (16) held the lowest.
- The average amount of sworn state patrol officers per 1 billion VMT was 31 officers.
- Wyoming held the third highest amount of sworn officers per 1 billion VMT at 35 officers.
- Montana was slightly above Wyoming with 36 officers per 1 billion VMT and Nebraska with the highest at 45 officers per 1 billion VMT.
- The average time spent patrolling across Montana, Nebraska, North Dakota, and Wyoming was 51 percent.
- Montana patrol officers spent the least amount of time patrolling at 36 percent.
- Wyoming spend the second least amount of time at 38 percent.

CHAPTER 9. CONCLUSIONS AND RECOMMENDATIONS

This section summarizes the conclusions of this study investigating the effectiveness of the Wyoming Highway Patrol, and identifying the primary factors behind the high truck crash rates in Wyoming. The conclusions and recommendations of this study will help develop mitigation strategies to reduce these high crash rates. The crash data analysis, citation data analysis, enforcement evaluation, and overall conclusions will be reviewed. Recommendations are given to the different organizations involved in enhancing truck safety in Wyoming.

CONCLUSIONS

The following sections identify conclusions pulled from the analyses performed in the descriptive analysis, statistical modeling, the crash hot spot analysis, and the enforcement evaluation.

Descriptive Analysis and Statistical Modeling

Crash data was collected from WYDOT through the critical analysis reporting environment package. The crash data reflected information regarding all-vehicle and truck-involved crashes over a four-year period from 2011 to 2014. Truck crashes were categorized into light, medium, and heavy truck weight classes. A truck crash was defined as any crash with an involvement of at least one vehicle classified as a light, medium, or heavy truck. Three zones were included in this study. Zone one includes Interstate 80, Zone 2 includes Interstate 25 and Interstate 90, and Zone 3 includes U.S. Highway 30, U.S. Highway 26, and Wyoming State Highway 59. Along with four years of crash data, four years of citation data, traffic data, and roadway geometry data were collected for this study.

The conclusions regarding this information are as follows:

<u>Zone 1:</u>

- I-80 west had more truck crashes per 100 MVMT (40 compared to 31) and less citations issued per 100 MVMT (883 compared to 1,333) than I-80 east.
- I-80 westbound has more crash hot spot miles (193) than I-80 eastbound (63).
- Seventy one percent of truck crashes occurred in the winter while only 27 percent of citations were given during this season.
- Twenty percent of truck crashes occurred between 11 P.M. and 7 A.M. while enforcement was less than one percent during this time.

<u>Zone 2:</u>

- I-25 northbound had more citations issued per 100 MVMT than I-25 southbound.
- I-25 northbound had more truck crashes per 100 MVMT than I-25 southbound.
- I-90 northbound had slightly more citations issued per 100 MVMT than I-90 southbound.

- I-90 northbound had slightly more truck crashes issued per 100 MVMT than I-90 southbound.
- I-25 southbound had more crash hot spot miles (97) than I-25 northbound (57).
- I-90 southbound had more crash hot spot miles (19) than I-90 northbound (16).
- I-25 west has more miles of high truck crashes per 100 MVMT than I-90 (154 miles compared to 35).

Zone 3:

- US-26 had more citations issued per 100 MVMT than US-30 and WY-59.
- WY-59 had the least amount of citations issued per 100 MVMT.
- US-30 had the most truck crashes per 100 MVMT.
- WY-59 had the least amount of truck crashes per 100 MVMT.
- WY-59 has more miles of high truck crashes than US-26 and US-30 combined (51 miles compared to 4).
- US-30 had the lowest amount of truck crashes per mile, while US-26 had the second lowest truck crashes per mile.
- US-30 has more than 2 times higher truck crashes per MVMT (4.5) than WY 59 (1.9).
- US-26 has a twice as high citation rate than US-30.

A relationship was developed between responses as truck crashes and different independent variables including traffic citations, traffic counts and geometric features. The modeling was performed for three different zones separately as the traffic compositions and functional classification are different. Ordinary least square, negative binomial and multinomial logistic regression technique were applied to develop these models. Key results from the modeling are presented below divided into three zones:

Zone 1:

- Based on the modeling results, it can be concluded that the locations with higher traffic citations are less likely to get involved in truck crashes. Statistically, speeding-related citations help to reduce truck crashes on I-80.
- The risk of occurring truck crashes increases by 66 percent and 17 percent in “Not Clear” and “Not Dry” conditions respectively compared to the non-truck crashes.
- Truck drivers are 50 percent more likely to get involved in severe crashes.
- Truck drivers driving under the influence of drugs or alcohol are 16 times more likely to get involved in severe crashes.
- Fatigued drivers are four times more likely to get involved in severe crashes.

Zone 2:

- Based on the modeling results, it can be concluded that the locations with higher traffic citations are less likely to get involved in truck crashes. Statistically, speeding-related citations help to reduce truck crashes on I-25 and I-90.
- As the AADT increases, truck crashes also increase significantly.
- "Driving too fast for the condition" and "no improper driving" on I-25 (45 percent) and I-90 (60 percent) are the second highest causes of truck related crashes.
- The risk of occurring truck crashes increases by 100 percent and 18 percent in "Not Clear" and "Not Dry" conditions respectively compared to the non-truck crashes.
- Sixty four percent of crashes occurred in winter while just 40 percent citation is issued during this period.
- Citations on I-25 and I-90 from 11 P.M. to 7 A.M. is less than one percent while about 15 percent of the truck crashes occurred at this time.

Zone 3:

- Based on the modeling results, seat belt and speeding-related citations help to reduce crashes.

Enforcement Evaluation

The efficiency of the Wyoming Highway Patrol (WHP) was measured by comparing Wyoming Highway Patrol to other state highway patrols surrounded by Wyoming. Seven surrounding states: Colorado, Nebraska, South Dakota, North Dakota, Montana, Idaho and Utah were included in this analysis.

Enforcement Budget**:**

- The average budget from 2010 – 2014 of all eight states was $55 million.
- Colorado had the highest annual budget, with an average of $126 million over the five-year span.
- Wyoming had the fourth highest average annual budget with $41 million over the five-year span.
- Wyoming had the lowest population of the eight states, thus resulting in the highest average annual budget per 100,000 people.
- Wyoming has the highest average annual budget per 1 billion VMT at $7.7 million.

Sworn Patrol:

- The average number of sworn state patrol officers across the eight states was 330 officers.

- Colorado had the highest number of sworn state patrol officers at 742.
- Wyoming's total amount of sworn state patrol officers was 189.
- Wyoming was below the overall average with 60 sworn officers per 1,000 miles of highway.
- The average number of sworn officers per 100,000 people between all eight states was 20 officers.
- Wyoming held the highest amount of sworn officers per 100,000 people at 32 offices, while Colorado (14) and Idaho (16) held the lowest.
- The average amount of sworn state patrol officers per 1 billion VMT was 31 officers.
- Wyoming held the third highest amount of sworn officers per 1 billion VMT at 35 officers.
- The average time spent patrolling across Montana, Nebraska, North Dakota, and Wyoming was 51 percent.
- Wyoming spend the second least amount of time at 38 percent.

Overall:

Based on the evaluation of the state highway patrols surrounding Wyoming, a lower population indicates a lower number of officers and a lower annual enforcement budget. Compared to the other states, Wyoming had a lower number of sworn state patrol officers. One would expect a higher number of officers and a higher annual enforcement budget if the state has a higher number of highway miles. With Wyoming holding the lowest population density, some of the lowest average MVMT on their highways, and some of the lowest average MVMT per lane mile, their budget is expected to be lower than some of the more populated surrounding states.
The number of sworn officers in Wyoming seems efficient compared to the other seven states because:

  - the amount of sworn officers per 1 billion VMT,
  - the number of sworn officers per 100,000 people,
  - the average annual enforcement budget per 1 billion VMT,
  - the average annual enforcement budget per 100,000 people,
  - and the average annual enforcement budget per 1,000 miles of highway were all above, or at, the average of all eight states.

- Compared to Colorado, Nebraska, and Utah, Wyoming has a lower amount of sworn officers per 1,000 miles of highway; however, compared to Montana, North Dakota and South Dakota, the number of sown officers per 1,000 miles in Wyoming is efficient.
- Wyoming state patrol is spending about 30 percent less time patrolling than North Dakota and Nebraska.
- More time invested in patrolling may be recommended, considering Wyoming also had some of the leading numbers in fatalities per 100 MVMT in comparison to the other seven states.

RECOMMENDATIONS

The following sections provide recommendations to the different agencies involved in mitigating high truck crash rates in Wyoming. The recommendations are directed to the Wyoming Highway Patrol, the Wyoming Department of Transportation, and the trucking industry in Wyoming. The recommendations are given for each zone evaluated in this study.
The following section highlights recommendations given to the Wyoming Highway Patrol.

Recommendations to Wyoming Highway Patrol

Zone 1 (I-80):

- Provide more speeding-related citations on I-80.
- Provide more enforcement on I-80 west.
- Shift some enforcement to high truck crash locations from I-80 east to I-80 west.
- Provide more enforcement in winter as weather conditions permit.
- Provide slightly more enforcement between 11 P.M. and 7 AM.
- Take an extra measure for truck drivers committing a second violation.
- Take stricter measure for DUI drivers.
- Put more emphasis on the truck drivers who violate hour of service regulations.

Zone 2 (I-25/I-90):

- Provide more enforcement on I-25.
- Shift some enforcement from I-90 to I-25.
- Shift some enforcement to high truck crash locations from I-25 north to I-25 south.
- Provide more speeding-related citations on I-25 and I-90.
- Provide more citations on I-25 in winter as conditions permit.
- Provide more citations from 11 P.M. to 7 A.M on I-25 and I-90.

Zone 3 (Non-interstate):

- Provide more citations on US-30.
- Shift some enforcement from US-26 to US-30.
- Provide more citations on the locations with high truck crash rate on WY-59.
- Provide more seat belt and speeding-related citations on all three routes.

The following section highlights recommendations given to the Wyoming Department of Transportation.

Recommendation to Wyoming Department of Transportation

- Inform drivers about crash hot spots. Crash hot spots are listed by route in Chapter 7.
- Provide more safety improvements on I-80 west and I-25 because they have the highest crash rate in their zones.
- Provide more safety improvements on US-30 and US-26 because they have the highest crash rate in their zone.
- Provide advanced warning signs ahead of critical curves on I-80, I-25 and I-90 because these variables were statistically found to decrease the number of truck crashes.
- Provide more safety improvements for night driving on I-80, I-25 and WY-59 because there were a high number of truck crashes at night.
- Provide more warnings/safety improvements for adverse weather conditions because more than 70 percent of truck crashes occurred during adverse weather and road conditions.
- Display speed related messages on DMS to remind drivers of the importance of complying with posted speed limits.
- Set up more Variable Speed Limits (VSL) on I-80 to inform the drivers about recommended speed limits and enforce truck driver speed based on the recommended speed limit: 30 percent of all the truck related crashes happened due to driving too fast on the hazardous road condition.
- It is recommended to set up rumble strips throughout the corridors to reduce the number of truck crashes since 51 percent of truck crashes were single vehicle crashes.
- About 60 percent of truck crashes on I-25 are single vehicle crashes, more measures are recommended.

The following section will highlight recommendations given to the trucking industry in Wyoming.

Recommendation to Trucking Industry

- Provide safety training for truck drivers, especially for non-resident of Wyoming because non-resident are more likely to violate HOS (3 times), DUI (7 times), speeding violations (2 times) compare with the resident.
- Provide safety training for the drivers from California, Colorado, Utah and Illinois. California, Colorado, Utah and Illinois are the top states that are involved in the truck-involved crashes and receive the most citations.
- Educate non-residence drivers about the hazards associated with driving in mountainous areas: non-residence are at least two time more likely to violate the laws that can result in severe crashes.
- Educate drivers about the danger associated with distraction in cabin because they increase the chance of a severe crash by three times.

- Put more emphasis on the truck drivers who violate Hour of Service regulation: Fatigued drivers are four times more likely to get involved in severe crashes.
- Educate the drivers about the hazards associated with non-dry road conditions and not clear weather conditions: non-dry road conditions increased the risk of getting involved in a truck related crash by 18 percent and increased the risk in not clear weather by more than two times, compared with non-truck involved crashes.
- Inform truck drivers, especially non-resident drivers about:
    - crash hot spots, adverse weather, and mountainous terrain

CHAPTER 10. REFERENCES

Abdel-Aty, MA and AH As-Saidi. 2000.*Using GIS to Locate the High Risk Driver Population*.

Agent, Kenneth R. and Jerry G. Pigman. 2002. "Investigation of the Impact of Large Trucks on Interstate Highway Safety."

Al-Ghamdi, Ali S. 2002. "Using Logistic Regression to Estimate the Influence of Accident Factors on Accident Severity." *Accident Analysis & Prevention* 34 (6): 729-741.

Anderson, Tessa K. 2009. "Kernel Density Estimation and K-Means Clustering to Profile Road Accident Hotspots." *Accident Analysis & Prevention* 41 (3): 359-364.

Becker, Gary S. 1974. "Crime and Punishment: An Economic Approach." In *Essays in the Economics of Crime and Punishment*, 1-54: NBER.

Bezwada, Nishitha Naveen Kumar. 2010.*Characteristics and Contributory Causes Associated with Fatal Large Truck Crashes*.

Blincoe, Lawrence, Ted R. Miller, Eduard Zaloshnja, and Bruce A. Lawrence. 2014.*The Economic and Societal Impact of Motor Vehicle Crashes, 2010*.

Boudreaux, Christopher J. 2013. "Do Traffic Tickets Increase Road Safety? Evidence from Two New Sources." .

Castillo-Manzano, José I., Mercedes Castro-Nuño, and Diego J. Pedregal. 2011. "Can Fear of Going to Jail Reduce the Number of Road Fatalities? the Spanish Experience." *Journal of Safety Research* 42 (3): 223-228.

Chen, Guang X., James W. Collins, W. Karl Sieber, Stephanie G. Pratt, Rosa L. Rodríguez-Acosta, Jennifer E. Lincoln, Jan Birdsey, Edward M. Hitchcock, and Cynthia F. Robinson. 2015. "Seat Belt use among Long-Haul Truck Drivers-United States, 2010." *Morbidity and Mortality Weekly Report (MMWR)* 64 (8).

Chien, Steven, Guancheng Li, and Janice Daniel. 2002. "Geographic Information System-Based Truck Accident Information and Management System for New Jersey Roadways." *Transportation Research Record: Journal of the Transportation Research Board* (1818): 134-142.

Davis, J. W., L. D. Bennink, D. R. Pepper, S. N. Parks, D. M. Lemaster, and R. N. Townsend. 2006. "Aggressive Traffic Enforcement: A Simple and Effective Injury Prevention Program." *The Journal of Trauma* 60 (5): 972-6; discussion 976-7. doi:10.1097/01.ta.0000204031.06692.0f [doi].

DeAngelo, Greg and Benjamin Hansen. 2010. "Life and Death in the Fast Lane: Police Enforcement and Roadway Safety." *Manuscript Submitted for Publication*.

Dissanayake, Sunanda and Niranga Amarasingha. 2012.*Effects of Geometric Design Features on Truck Crashes on Limited-Access Highways*.

Dong, Chunjiao, Mark L. Burton, Shashi S. Nambisan, and Jian Sun. 2016. "Effects of Roadway Geometric Design Features on Frequency of Truck-Related Crashes." *Transportation Research Record: Journal of the Transportation Research Board* (2585): 59-66.

Dong, Chunjiao, Stephen H. Richards, Baoshan Huang, and Ximiao Jiang. 2013. "Identifying the Factors Contributing to the Severity of Truck-Involved Crashes." *International Journal of Injury Control and Safety Promotion* (ahead-of-print): 1-11.

Dong, Chunjiao, Stephen H. Richards, Baoshan Huang, and Ximiao Jiang. 2013. "Identifying the Factors Contributing to the Severity of Truck-Involved Crashes." *International Journal of Injury Control and Safety Promotion* (ahead-of-print): 1-11.

Draper, Norman R. and Harry Smith. 2014. *Applied Regression Analysis* John Wiley & Sons.

Duncan, Chandler, Asad Khattak, and Forrest Council. 1998. "Applying the Ordered Probit Model to Injury Severity in Truck-Passenger Car Rear-End Collisions." *Transportation Research Record: Journal of the Transportation Research Board* (1635): 63-71.

Golob, Thomas F. and Wilfred W. Recker. 1987. "An Analysis of Truck-Involved Freeway Accidents using Log-Linear Modeling." *Journal of Safety Research* 18 (3): 121-136.

Graettinger, Andrew, Jay K. Lindly, and Gautam J. Mistry. 2005.*Display and Analysis of Crash Data*.

Graham, Jove, Jennifer Irving, Xiaoqin Tang, Stephen Sellers, Joshua Crisp, Daniel Horwitz, Lucija Muehlenbachs, Alan Krupnick, and David Carey. 2015. "Increased Traffic Accident Rates Associated with Shale Gas Drilling in Pennsylvania." *Accident Analysis & Prevention* 74: 203-209.

Greene, William. 2007. *Functional Form and Heterogeneity in Models for Count Data* Now Publishers Inc.

Hadi, Mohammed A., Jacob Aruldhas, Lee-Fang Chow, and Joseph A. Wattleworth. 1995. "Estimating Safety Effects of Cross-Section Design for various Highway Types using Negative Binomial Regression." *Transportation Research Record* 1500: 169.

Harkey, David. 1999. "Evaluation of Truck Crashes using a GIS-Based Crash Referencing and Analysis System." *Transportation Research Record: Journal of the Transportation Research Board* (1686): 13-21.

Hilbe, Joseph M. 2011. *Negative Binomial Regression* Cambridge University Press.

İmrohoroğlu, Ayse, Antonio Merlo, and Peter Rupert. 2004. "WHAT ACCOUNTS FOR THE DECLINE IN CRIME?*." *International Economic Review* 45 (3): 707-729.

Islam, Mouyid and Salvador Hernandez. 2013. "Modeling Injury Outcomes of Crashes Involving Heavy Vehicles on Texas Highways." *Transportation Research Record: Journal of the Transportation Research Board* (2388): 28-36.

Islam, Samantha, Steven L. Jones, and Daniel Dye. 2014. "Comprehensive Analysis of Single- and Multi-Vehicle Large Truck at-Fault Crashes on Rural and Urban Roadways in Alabama." *Accident Analysis & Prevention* 67: 148-158.

Karlaftis, Matthew G. and Ioannis Golias. 2002. "Effects of Road Geometry and Traffic Volumes on Rural Roadway Accident Rates." *Accident Analysis & Prevention* 34 (3): 357-365.

Khattak, Aemal and Keith Knapp. 2001. "Interstate Highway Crash Injuries during Winter Snow and Nonsnow Events." *Transportation Research Record: Journal of the Transportation Research Board* (1746): 30-36.

Khattak, Asad J., Robert J. Schneider, and Felipe Targa. 2003. "Risk Factors in Large Truck Rollovers and Injury Severity: Analysis of Single-Vehicle Collisions." *Transportation Research Record*.

Khorashadi, Ahmad, Debbie Niemeier, Venky Shankar, and Fred Mannering. 2005. "Differences in Rural and Urban Driver-Injury Severities in Accidents Involving Large-Trucks: An Exploratory Analysis." *Accident Analysis & Prevention* 37 (5): 910-921.

Kuo, Pei-Fen, Dominique Lord, and Troy Duane Walden. 2013. "Using Geographical Information Systems to Organize Police Patrol Routes Effectively by Grouping Hotspots of Crash and Crime Data." *Journal of Transport Geography* 30: 138-148.

Lee, Dara N. 2012. "Do Traffic Tickets Reduce Motor Vehicle Accidents? Evidence from a Natural Experiment." *NBER Working Paper*: 3-19.

Lee, Jinsun and Fred Mannering. 2002. "Impact of Roadside Features on the Frequency and Severity of Run-Off-Roadway Accidents: An Empirical Analysis." *Accident Analysis & Prevention* 34 (2): 149-161.

Lin, Tzuoo-Ding, Paul P. Jovanis, and Chun-Zin Yang. 1993. *Modeling the Safety of Truck Driver Service Hours using Time-Dependent Logistic Regression*.

Lin, Tzuoo-Ding, Paul P. Jovanis, and Chun-Zin Yang. 1993. *Modeling the Safety of Truck Driver Service Hours using Time-Dependent Logistic Regression*.

Luca, Dara Lee. 2015. "Do Traffic Tickets Reduce Motor Vehicle Accidents? Evidence from a Natural Experiment." *Journal of Policy Analysis and Management* 34 (1): 85-106.

Luca, Dara Lee. 2015. "Do Traffic Tickets Reduce Motor Vehicle Accidents? Evidence from a Natural Experiment." *Journal of Policy Analysis and Management* 34 (1): 85-106.

Makowsky, Michael D. and Thomas Stratmann. 2011. "More Tickets, Fewer Accidents: How Cash-Strapped Towns make for Safer Roads." *Journal of Law and Economics* 54 (4): 863-888.

McCullagh, Peter and John A. Nelder. 1989. *Generalized Linear Models*. Vol. 37 CRC press.

Miaou, Shaw-Pin. 1994. "The Relationship between Truck Accidents and Geometric Design of Road Sections: Poisson Versus Negative Binomial Regressions." *Accident Analysis & Prevention* 26 (4): 471-482.

Moonesinghe, Ramal, Anders Longthorne, Umesh Shankar, Santohk Singh, Rajesh Subramanian, and Joseph Tessmer. 2003.*An Analysis of Fatal Large Truck Crashes*.

National Highway Traffic Safety Administration. 2010. "Traffic safety facts, LargeTruck." *Report no.DOT HS* 811: 299.

National Highway Traffic Safety Administration. 2014. "Traffic safety facts, LargeTruck." *Report no.* DOT HS 812 150.

———. 2013. "Traffic Safety Facts 2011 Data--Pedestrians." *Annals of Emergency Medicine* 62 (6): 612.

National Highway Traffic Safety Administration. 2014. "Traffic Safety Facts: 2012 Data." *Washington, DC: US Department of Transportation, National Highway Traffic Safety Administration [Online]*.

Nyerges, TL. 1990. "Locational Referencing and Highway Segmentation in a Geographic Information System." *ITE Journal* 60 (3): 27-31.

O'donnell, CJ and DH Connor. 1996. "Predicting the Severity of Motor Vehicle Accident Injuries using Models of Ordered Multiple Choice." *Accident Analysis & Prevention* 28 (6): 739-753.

Plug, Charlotte, Jianhong Cecilia Xia, and Craig Caulfield. 2011. "Spatial and Temporal Visualisation Techniques for Crash Analysis." *Accident Analysis & Prevention* 43 (6): 1937-1946.

Plug, Charlotte, Jianhong Cecilia Xia, and Craig Caulfield. 2011. "Spatial and Temporal Visualisation Techniques for Crash Analysis." *Accident Analysis & Prevention* 43 (6): 1937-1946.

Prasannakumar, V., H. Vijith, R. Charutha, and N. Geetha. 2011. "Spatio-Temporal Clustering of Road Accidents: GIS Based Analysis and Assessment." *Procedia-Social and Behavioral Sciences* 21: 317-325.

Qin, Xiao, Kai Wang, and Chase Cutler. 2013. "Logistic Regression Models of the Safety of Large Trucks." *Transportation Research Record: Journal of the Transportation Research Board* (2392): 1-10.

Ramírez, B. Arenas, F. Aparicio Izquierdo, C. González Fernández, and A. Gómez Méndez. 2009. "The Influence of Heavy Goods Vehicle Traffic on Accidents on Different Types of Spanish Interurban Roads." *Accident Analysis & Prevention* 41 (1): 15-24.

Redelmeier, Donald A., Robert J. Tibshirani, and Leonard Evans. 2003. "Traffic-Law Enforcement and Risk of Death from Motor-Vehicle Crashes: Case-Crossover Study." *The Lancet* 361 (9376): 2177-2182.

Rodríguez-Morales, Beatriz, Emilio Rafael Díaz-Varela, and Manuel Francisco Marey-Pérez. 2013. "Spatiotemporal Analysis of Vehicle Collisions Involving Wild Boar and Roe Deer in NW Spain." *Accident Analysis & Prevention* 60: 121-133.

Santana, Romero and Dario Enrique. 2014. "Overtime Traffic Enforcement Evaluation: A Methodology for Selecting Agencies and Enforcement Periods." .

SAS Institute. 2014. *SAS 9.4 Output Delivery System: User's Guide* SAS institute.
———. 1985. *SAS User's Guide: Statistics*. Vol. 2 Sas Inst.

Schneider IV, William, Karl Zimmerman, Dan Van Boxel, and Srutha Vavilikolanu. 2009. "Bayesian Analysis of the Effect of Horizontal Curvature on Truck Crashes using Training and Validation Data Sets." *Transportation Research Record: Journal of the Transportation Research Board* (2096): 41-46.

Shankar, Venkataraman, Fred Mannering, and Woodrow Barfield. 1995. "Effect of Roadway Geometrics and Environmental Factors on Rural Freeway Accident Frequencies." *Accident Analysis & Prevention* 27 (3): 371-389.

Shapiro, Samuel Sanford and Martin B. Wilk. 1965. "An Analysis of Variance Test for Normality (Complete Samples)." *Biometrika* 52 (3/4): 591-611.

Shrestha, Ayush, Ben Miller, Ying Zhu, and Yi Zhao. 2013. "Storygraph: Extracting Patterns from Spatio-Temporal Data."ACM, .

Soltani, Ali and Sajad Askari. 2014. "Analysis of Intra-Urban Traffic Accidents using Spatiotemporal Visualization Techniques." *Transport and Telecommunication Journal* 15 (3): 227-232.

Spainhour, Lisa K., David Brill, John O. Sobanjo, Jerry Wekezer, and Primus V. Mtenga. 2005. "Evaluation of Traffic Crash Fatality Causes and Effects: A Study of Fatal Traffic Crashes in Florida from 1998-2000 Focusing on Heavy Truck Crashes." .

Starnes, Marc. 2006.*Large-Truck Crash Causation Study: An Initial Overview*.

Tay, Richard. 2005a. "The Effectiveness of Enforcement and Publicity Campaigns on Serious Crashes Involving Young Male Drivers: Are Drink Driving and Speeding Similar?" *Accident Analysis & Prevention* 37 (5): 922-929.

———. 2005b. "General and Specific Deterrent Effects of Traffic Enforcement: Do we have to Catch Offenders to Reduce Crashes?" *Journal of Transport Economics and Policy*: 209-223.

Terrill, Trenna T., M. Mahdi Rezapour Mashhadi, and Khaled Ksaibati. 2016. "Developing a Tool to Help Highway Patrol in Allocating Resources to Crashes." *International Journal of Police Science & Management*: 1461355716665855.

Vap, Derek and Carlos Sun. 2007.*Investigating Large Truck-Passenger Vehicle Interactions*.

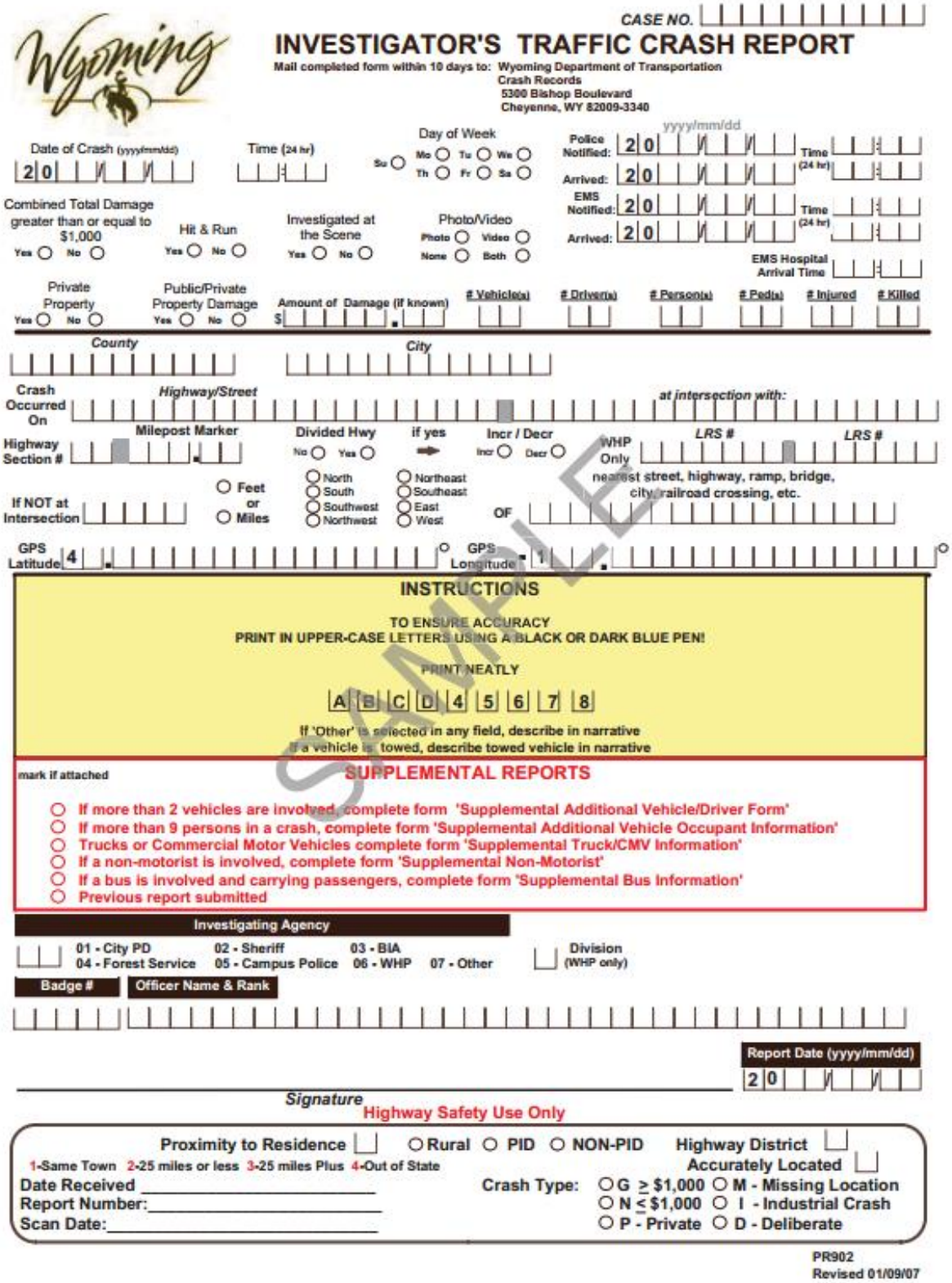
Vemulapalli, Sai Saylesh. 2017. "GIS-Based Spatial and Temporal Analysis of Aging-Involved Crashes in Florida." .

Wang, Chao, Mohammed Quddus, and Stephen Ison. 2013. "A Spatio-Temporal Analysis of the Impact of Congestion on Traffic Safety on Major Roads in the UK." *Transportmetrica A: Transport Science* 9 (2): 124-148.

Weber, Amanda and Daniel C. Murray. 2014. "Technical Brief: Commercial Motor Vehicle Enforcement–Top 10 High Performance States." .

Young, R., V. Sabawat, P. Saha, and Y. Sui. 2013. "Rural Variable Speed Limits: Phase II." *Cheyenne: Wyoming Department of Transportation* 120.

Appendix 1. Investigators Traffic Crash Report for Wyoming



Wyoming

CASE NO.

INVESTIGATOR'S TRAFFIC CRASH REPORT

Mail completed form within 10 days to: Wyoming Department of Transportation
Crash Records
5300 Bishop Boulevard
Cheyenne, WY 82009-3340

Date of Crash (yyyy/mm/dd) 20

Time (24 hr)

Day of Week: Su Mo Tu We Th Fr Sa

Police Notified: 20 yyyy/mm/dd Time (24 hr)

Arrived: 20

EMS Notified: 20 Time (24 hr)

Arrived: 20

EMS Hospital Arrival Time

Combined Total Damage greater than or equal to $1,000 Yes No

Hit & Run Yes No

Investigated at the Scene Yes No

Photo/Video: Photo Video None Both

Private Property Yes No

Public/Private Property Damage Yes No

Amount of Damage (if known) $

Vehicle(s) # Driver(s) # Person(s) # Ped(s) # Injured # Killed

County City

Crash Occurred On Highway/Street at intersection with:

Highway Section # Milepost Marker Divided Hwy No Yes if yes Incr / Decr Incr Decr WHP Only LRS # LRS #

If NOT at Intersection Feet or Miles North South Southwest Northwest Northeast Southeast East West OF nearest street, highway, ramp, bridge, city, railroad crossing, etc.

GPS Latitude 4 GPS Longitude -1

INSTRUCTIONS

TO ENSURE ACCURACY
PRINT IN UPPER-CASE LETTERS USING A BLACK OR DARK BLUE PEN!

PRINT NEATLY

A B C D 4 5 6 7 8

If 'Other' is selected in any field, describe in narrative
If a vehicle is towed, describe towed vehicle in narrative

mark if attached SUPPLEMENTAL REPORTS

- If more than 2 vehicles are involved, complete form 'Supplemental Additional Vehicle/Driver Form'
- If more than 9 persons in a crash, complete form 'Supplemental Additional Vehicle Occupant Information'
- Trucks or Commercial Motor Vehicles complete form 'Supplemental Truck/CMV Information'
- If a non-motorist is involved, complete form 'Supplemental Non-Motorist'
- If a bus is involved and carrying passengers, complete form 'Supplemental Bus Information'
- Previous report submitted

Investigating Agency

01 - City PD 02 - Sheriff 03 - BIA
04 - Forest Service 05 - Campus Police 06 - WHP 07 - Other

Division (WHP only)

Badge # Officer Name & Rank

Report Date (yyyy/mm/dd) 20

Signature

Highway Safety Use Only

Proximity to Residence 1-Same Town 2-25 miles or less 3-25 miles Plus 4-Out of State Rural PID NON-PID

Highway District

Accurately Located

Date Received

Report Number:

Scan Date:

Crash Type: G ≥ $1,000 M - Missing Location
N ≤ $1,000 I - Industrial Crash
P - Private D - Deliberate

PR902
Revised 01/09/07

SAMPLE

Driver/Vehicle Information

1

Last Name | First Name | MI | Sex | DOB (yyyy/mm/dd)

Street Number | Street Name

Mailing Address (PO Box Number) | City | State | Zip Code

Occupation | Employer

Home | Work | Cell Phone — and/or — Home | Work | Cell Phone

SSN (fatals only)

Driver's License Number | State (FIPS) | Restrictions | CDL Endorsement

DL Type
1 - Not Licensed
2 - Driver License
3 - Instruction Permit
4 - I2 Permit-intermediate
5 - CDL
6 - CDL Permit
7 - No License Required
8 - Restricted License

DL Class
1 - A
2 - B
3 - C
4 - M
5 - Improper or No Endorsement
6 - Other

DL Status
1 - Clear
2 - Expired
3 - Canceled or Denied
4 - Revoked
5 - Suspended
99 - Unknown

No. of Vehicle Occupants (01 to 50)

Posted Speed | Estimated Speed

Vehicle Owner same as driver ○

Last Name | First Name | MI

Street Number | Street Name | City | State | Zip Code

Make (ie, Chevrolet, Dodge, Toyota) | Model (ie, Silverado, Dakota, Solara) | Year | Expir. Date (mm/yy)

Vehicle Identification Number | License Plate No. | State (FIPS) | Color

Insurance E-verified (01-Yes 02-No) | Company | Policy # | By | To

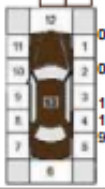
Vehicle Towed

Extent of Damage (01 - None 02 - Functional 03 - Minor 04 - Disabling 99 - Unknown)

MV Damage ≥$1,000 (01-Yes 02-No 99-Unk.)

Direction of Travel Prior to Crash
01 - North
02 - Northeast
03 - East
04 - Southeast
05 - South
06 - Southwest
07 - West
08 - Northwest
99 - Unknown

Initial Impact Point | **Most Damaged Area**



00 Non-Collision (Overturn/Rollover)
01-12 (Use 12 Point Clock Diagram)
13 Top (Roof)
14 Undercarriage
99 Unknown (Can't determine)

2

Last Name | First Name | MI | Sex | DOB (yyyy/mm/dd)

Street Number | Street Name

Mailing Address (PO Box Number) | City | State | Zip Code

Occupation | Employer

Home | Work | Cell Phone — and/or — Home | Work | Cell Phone

SSN (fatals only)

Driver's License Number | State (FIPS) | Restrictions | CDL Endorsement

DL Type
1 - Not Licensed
2 - Driver License
3 - Instruction Permit
4 - I2 Permit-intermediate
5 - CDL
6 - CDL Permit
7 - No License Required
8 - Restricted License

DL Class
1 - A
2 - B
3 - C
4 - M
5 - Improper or No Endorsement
6 - Other

DL Status
1 - Clear
2 - Expired
3 - Canceled or Denied
4 - Revoked
5 - Suspended
99 - Unknown

No. of Vehicle Occupants (01 to 50)

Posted Speed | Estimated Speed

Vehicle Owner same as driver ○

Last Name | First Name | MI

Street Number | Street Name | City | State | Zip Code

Make (ie, Chevrolet, Dodge, Toyota) | Model (ie, Silverado, Dakota, Solara) | Year | Expir. Date (mm/yy)

Vehicle Identification Number | License Plate No. | State (FIPS) | Color

Insurance E-verified (01-Yes 02-No) | Company | Policy # | By | To

Vehicle Towed

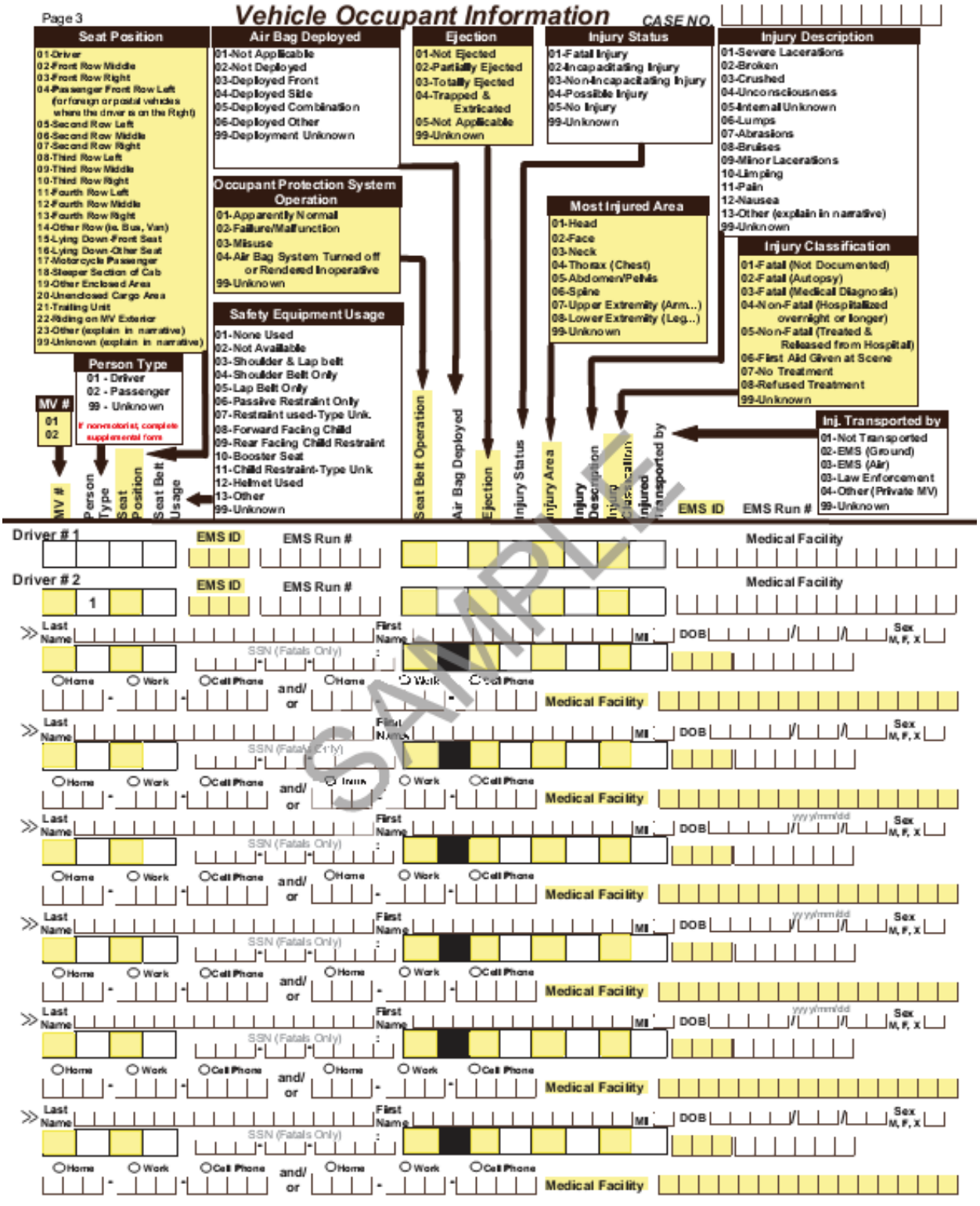
Extent of Damage (01 - None 02 - Functional 03 - Minor 04 - Disabling 99 - Unknown)

MV Damage ≥$1,000 (01-Yes 02-No 99-Unk.)

Direction of Travel Prior to Crash
01 - North
02 - Northeast
03 - East
04 - Southeast
05 - South
06 - Southwest
07 - West
08 - Northwest
99 - Unknown

Initial Impact Point | **Most Damaged Area**

00 Non-Collision (Overturn/Rollover)
01-12 (Use 12 Point Clock Diagram)
13 Top (Roof)
14 Undercarriage
99 Unknown (Can't determine)


Page 3
Vehicle Occupant Information
CASE NO.
Seat Position
01-Driver
02-Front Row Middle
03-Front Row Right
04-Passenger Front Row Left (or foreign or postal vehicles where the driver is on the Right)
05-Second Row Left
06-Second Row Middle
07-Second Row Right
08-Third Row Left
09-Third Row Middle
10-Third Row Right
11-Fourth Row Left
12-Fourth Row Middle
13-Fourth Row Right
14-Other Row (ie. Bus, Van)
15-Lying Down-Front Seat
16-Lying Down-Other Seat
17-Motorcycle Passenger
18-Sleeper Section of Cab
19-Other Enclosed Area
20-Unenclosed Cargo Area
21-Trailing Unit
22-Riding on MV Exterior
23-Other (explain in narrative)
99-Unknown (explain in narrative)
Air Bag Deployed
01-Not Applicable
02-Not Deployed
03-Deployed Front
04-Deployed Side
05-Deployed Combination
06-Deployed Other
99-Deployment Unknown
Ejection
01-Not Ejected
02-Partially Ejected
03-Totally Ejected
04-Trapped & Extricated
05-Not Applicable
99-Unknown
Injury Status
01-Fatal Injury
02-Incapacitating Injury
03-Non-Incapacitating Injury
04-Possible Injury
05-No Injury
99-Unknown
Injury Description
01-Severe Lacerations
02-Broken
03-Crushed
04-Unconsciousness
05-Internal Unknown
06-Lumps
07-Abrasions
08-Bruises
09-Minor Lacerations
10-Limping
11-Pain
12-Nausea
13-Other (explain in narrative)
99-Unknown
Occupant Protection System Operation
01-Apparently Normal
02-Failure/Malfunction
03-Misuse
04-Air Bag System Turned off or Rendered Inoperative
99-Unknown
Most Injured Area
01-Head
02-Face
03-Neck
04-Thorax (Chest)
05-Abdomen/Pelvis
06-Spine
07-Upper Extremity (Arm...)
08-Lower Extremity (Leg...)
99-Unknown
Injury Classification
01-Fatal (Not Documented)
02-Fatal (Autopsy)
03-Fatal (Medical Diagnosis)
04-Non-Fatal (Hospitalized overnight or longer)
05-Non-Fatal (Treated & Released from Hospital)
06-First Aid Given at Scene
07-No Treatment
08-Refused Treatment
99-Unknown
Safety Equipment Usage
01-None Used
02-Not Available
03-Shoulder & Lap belt
04-Shoulder Belt Only
05-Lap Belt Only
06-Passive Restraint Only
07-Restraint used-Type Unk.
08-Forward Facing Child
09-Rear Facing Child Restraint
10-Booster Seat
11-Child Restraint-Type Unk
12-Helmet Used
13-Other
99-Unknown
Person Type
01 - Driver
02 - Passenger
99 - Unknown
If nonmotorist, complete supplemental form
MV #
01
02
Inj. Transported by
01-Not Transported
02-EMS (Ground)
03-EMS (Air)
03-Law Enforcement
04-Other (Private MV)
99-Unknown
MV #
Person Type
Seat Position
Seat Belt Usage
Seat Belt Operation
Air Bag Deployed
Ejection
Injury Status
Injury Area
Injury Description
Injury Classification
Inj. Transported by
EMS ID
EMS Run #
Driver # 1
EMS ID
EMS Run #
Medical Facility
Driver # 2
1
EMS ID
EMS Run #
Medical Facility
Last Name
First Name
MI
DOB
Sex M, F, X
SSN (Fatals Only)
Home
Work
Cell Phone
and/ or
Medical Facility
yyyy/mm/dd
SAMPLE

Vehicle Information

1

Sequence (choose up to 4:)
1st event
2nd event
3rd event
4th event

Most Harmful Event (choose 1)

Non-Collision
01 - Overturn/Rollover
02 - Fire/Explosion
03 - Immersion
04 - Jackknife
05 - Cargo/Equipment Loss or Shift
06 - Equipment Failure
07 - Separation of Units
08 - Ran Off the Road Right
09 - Ran Off the Road Left
10 - Cross Median or Centerline
11 - Downhill Runaway
12 - Fell/Jumped from a MV
13 - Thrown or Falling Object
14 - Avoiding an Object on Road
15 - Avoiding an Animal on Road
16 - Carbon Monoxide (CO) Poisoning
17 - Injuries by being thrown against part of vehicle
18 - Other Non-Collision (MC Loss of Control)

Collision w/ Person, MV, or Non-Fixed Object
19 - Pedestrian
20 - Pedacycle
21 - Railway Vehicle
22 - Motor Vehicle in Transport on Roadway
23 - Motor Vehicle in Transport on OTHER Roadway
24 - Parked Motor Vehicle
25 - Struck by Falling, Shifting Cargo or Anything Else Set in Motion by Motor Vehicle
26 - Other NON-Fixed Object
27 - Work Zone/Maintenance Equipment
28 - Work Zone Channelling Device
29 - Object Set in Motion by Another Vehicle

Animals
30 - Horse
31 - Cow
32 - Pig
33 - Sheep
34 - Other Domestic (Dog, Llama, ...)
35 - Elk
36 - Deer
37 - Moose
38 - Antelope
39 - Buffalo
40 - Other Wild

Collision w/ Fixed Object
41 - Guardrail End
42 - Guardrail Face
43 - Impact Attenuator/Crash Cushion
44 - Bridge Pier or Support
45 - Bridge Overhead Structure
46 - Bridge Rail
47 - Concrete Traffic Barrier/Jersey Barrier
48 - Other Traffic Barrier (Includes temporary)
49 - Utility Pole/Light Support
50 - Traffic Signal Support
51 - Traffic Sign Support
52 - Overhead Traffic Sign
53 - Sign Support Single Post
54 - Sign Support Multiple Post
55 - Other Traffic Sign Support
56 - Barricade
57 - Tree/Shrubbery
58 - Cut Slope
59 - Road Approach
60 - Rock, Boulder, Rock Slide
61 - End of Drainage Pipe/Structure/Culvert
62 - Building or Other Structure Wall
63 - Fence (Including Post)
64 - Raised Median or Curb
65 - Delineator Post
66 - Earth Embankment/Berm
67 - Ditch
68 - Snow Embankment
69 - Mail Box
70 - Tunnel
71 - Cattle Guard
72 - Other Fixed Object

99 - Unknown

Motor Vehicle Unit Type
01 - Motor Vehicle in Transport
02 - Parked Motor Vehicle
03 - Working Vehicle/Equipment

HM Placard or Commercial Motor Vehicle
01 - Yes 02 - No 99 - Unknown
⇨ If yes, complete CMV supplement

Vehicle Owner
01 - Same as Driver
02 - Other
03 - Passenger
04 - Relative
05 - Rental Vehicle
06 - Commercial
07 - Occupant
08 - Vehicle Parked
09 - Federal Law Enforcement
10 - Federal Other
11 - County Law Enforcement
12 - County Fire Department
13 - County Other
14 - City Law Enforcement
15 - City Fire Department
16 - City Other
17 - Government Other
18 - Ambulance/EMS
19 - WHP
20 - State Law Enforc Other

Vehicle Type
01 - Passenger
02 - Passenger Van
03 - PU
04 - School Bus
05 - Other Bus
06 - Transit Bus
07 - Charter Bus
08 - MC >150 cc
09 - Off Road MC
10 - Motorized Skateboard/Scter
11 - Pedestrian Vehicle
12 - Low Speed Vehicle
13 - Other Vehicle
14 - SUV
15 - Cargo Van
16 - Motor Home
17 - Light Truck (10L or less)
18 - Medium Truck (>10K - <26K)
19 - Heavy Truck (>26)
20 - Farm Equipment
21 - Construction Vehicle
22 - MC < 150 cc
23 - Moped
24 - Snowmobile
25 - Segway
26 - ATV
98 - Unknown

Non-Commercial Trailer Style
01 - No Trailer
02 - Camping Trailer
03 - Mobile Home
04 - Utility Trailer
05 - Boat/Jet Ski Trailer
06 - Towed Vehicle
97 - Horse/Stock Trailer
98 - Unknown

Underride/Override
01 - No Underride or Override
02 - Underride-Compartment Intrusion
03 - Underride-No Compartment Intrusion
04 - Underride-Compartment Intrusion Unkown
05 - Override-Motor Vehicle in Transport
06 - Override-Other Motor Vehicle
99 - Unknown if Underride or Override

Emergency Vehicle Use
01 - Yes 02 - No 99 - Unknown

Emergency Equipment Actuated
01 - Yes 02 - No 99 - Unknown

Special Function of MV in Transport
01 - None
02 - Police
03 - Ambulance/EMS
04 - Fire Truck
05 - Military
06 - Snow Plow
07 - Tow Truck
08 - MV used as School Bus
09 - MV used as Other Bus
10 - Construction Equipment
11 - Farm Equipment
12 - Taxi
13 - Train
99 - Unknown

Contributing Circumstance — 1st choice / 2nd choice
01 - None
02 - Brakes
03 - Trailer Brakes
04 - Steering
05 - Power Train
06 - Suspension
07 - Tires
08 - Wheels
09 - Lights (Head, Signal or Tail)
10 - Windows/Windshield
11 - Rain/Snow/Ice on Windshield
12 - Tinted Windows
13 - Vehicle Cargo Blocking View
14 - Exhaust System
15 - Oversized Load
16 - Defroster
17 - Mirrors
18 - Wipers
19 - Truck Coupling/Trailer Hitch/Safety Chain
20 - Stalled Vehicle
21 - Cruise Control
22 - Other
99 - Unknown

Vehicle Maneuver/Action prior to crash
01 - Straight Ahead
02 - Backing
03 - Changing Lanes
04 - Overtaking/Passing
05 - Turning Right
06 - Turning Left
07 - Make U-Turn
08 - Leaving a Traffic Lane/Parking
09 - Entering a Traffic Lane
10 - Slowing
11 - Negotiating a Curve
12 - Parked
13 - Stopped in Traffic
14 - Driverless Motor Vehicle
15 - Trafficway Maintenance
16 - Other
99 - Unknown

Road Surface
01 - Concrete
02 - Asphalt
03 - Gravel/Rock
04 - Dirt
05 - Brick/Stone
99 - Unknown

Grade
01 - Level
02 - Hillcrest
03 - Uphill
04 - Downhill
05 - Sag (Bottom)
99 - Unknown

Horizontal Alignment
01 - Straight
02 - Curve Right
03 - Curve Left
99 - Unknown

Total No. Lanes
01 - 06, 99 = Unknown
(exclude turn lanes)

Traffic Control Working Properly
01 - Yes 02 - No 99 - Unknown

Traffic Control
01 - None
02 - Stop Sign
03 - Yield Sign
04 - Flashing Traffic Signal
05 - Do Not Enter Sign
06 - Traffic Signal
07 - Traffic Signal w/ Ped
08 - Traffic Signal w/ Ped & Audible Signals
09 - Person (Officer/Flagger, Xing Guard, etc)
10 - Pedestrian Crossing
11 - No Passing Zone
12 - Warning Signs
13 - Pavement Markings
14 - Traffic Barrels/Cones
15 - Temporary Jersey Barrier
16 - School Bus Flashing Stop Lamps
17 - School Zone Crossing
18 - RR Crossing Signal
19 - RR Crossing Signal & Gate
20 - RR Crossing Cross Buck Sign Only
21 - RR Crossing Cross Buck with Stop Sign
22 - RR Crossing Cross Buck with Yield Sign
23 - Other
99 - Unknown

Trafficway Description
01 - Two-Way-Undivided
02 - Two-Way-Undivided w/ Continuous Left Turn Lane
03 - Two-Way-Divided, No Barrier
04 - Two-Way-Divided, With Barrier
99 - Unknown

Rumble Strips Present
01 - Yes 02 - No 99 - Unknown

Rumble Strips Applicable
01 - Yes 02 - No 99 - Unknown

Rumble Strips
01 - None
02 - Centerline Rumble Strips
03 - Median Shoulder Only
04 - Transverse Rumble Strips (Road Approch)
05 - Both Shoulders
06 - Both Centerline and Outside Shoulder
07 - Outside Shoulders Only
99 - Unknown

Vehicle Information

2

Sequence (choose up to 4)

1st event
2nd event
3rd event
4th event

Most Harmful Event (choose 1)

Non-Collision

01 - Overturn/Rollover
02 - Fire/Explosion
03 - Immersion
04 - Jackknife
05 - Cargo/Equipment Loss or Shift
06 - Equipment Failure
07 - Separation of Units
08 - Ran Off the Road Right
09 - Ran Off the Road Left
10 - Cross Median or Centerline
11 - Downhill Runaway
12 - Fell/Jumped from a MV
13 - Thrown or Falling Object
14 - Avoiding an Object on Road
15 - Avoiding an Animal on Road
16 - Carbon Monoxide (CO) Poisoning
17 - Injuries by being thrown against part of vehicle
18 - Other Non-Collision (MC Loss of Control)

Collision w/ Person, MV, or Non-Fixed Object

19 - Pedestrian
20 - Pedacycle
21 - Railway Vehicle
22 - Motor Vehicle in Transport on Roadway
23 - Motor Vehicle in Transport on OTHER Roadway
24 - Parked Motor Vehicle
25 - Struck by Falling, Shifting Cargo or Anything Else Set in Motion by Motor Vehicle
26 - Other NON-Fixed Object
27 - Work Zone/Maintenance Equipment
28 - Work Zone Channeling Device
29 - Object Set in Motion by Another Vehicle

Animals

30 - Horse
31 - Cow
32 - Pig
33 - Sheep
34 - Other Domestic (Dog, Llama, ...)
35 - Elk
36 - Deer
37 - Moose
38 - Antelope
39 - Buffalo
40 - Other Wild

Collision w/ Fixed Object

41 - Guardrail End
42 - Guardrail Face
43 - Impact Attenuator/Crash Cushion
44 - Bridge Pier or Support
45 - Bridge Overhead Structure
46 - Bridge Rail
47 - Concrete Traffic Barrier/Jersey Barrier
48 - Other Traffic Barrier (Includes temporary)
49 - Utility Pole/Light Support
50 - Traffic Signal Support
51 - Traffic Sign Support
52 - Overhead Traffic Sign
53 - Sign Support Single Post
54 - Sign Support Multiple Post
55 - Other Traffic Sign Support
56 - Barricade
57 - Tree/Shrubbery
58 - Cut Slope
59 - Road Approach
60 - Rock, Boulder, Rock Slide
61 - End of Drainage Pipe/Structure/Culvert
62 - Building or Other Structure Wall
63 - Fence (Including Post)
64 - Raised Median or Curb
65 - Delineator Post
66 - Earth Embankment/Berm
67 - Ditch
68 - Snow Embankment
69 - Mail Box
70 - Tunnel
71 - Cattle Guard
72 - Other Fixed Object

99 - Unknown

Motor Vehicle Unit Type

01 - Motor Vehicle in Transport
02 - Parked Motor Vehicle
03 - Working Vehicle/Equipment

HM Placard or Commercial Motor Vehicle

01 - Yes 02 - No 99 - Unknown
⇨ If yes, complete CMV supplement

Vehicle Owner

01 - Same as Driver
02 - Other
03 - Passenger
04 - Relative
05 - Rental Vehicle
06 - Commercial
07 - Occupant
08 - Vehicle Parked
09 - Federal Law Enforcement
10 - Federal Other
11 - County Law Enforcement
12 - County Fire Department
13 - County Other
14 - City Law Enforcement
15 - City Fire Department
16 - City Other
17 - Government Other
18 - Ambulance/EMS
19 - WHP
20 - State Law Enforc Other

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02 - Passenger Van
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04 - School Bus
05 - Other Bus
06 - Transit Bus
07 - Charter Bus
08 - MC >150 cc
09 - Off Road MC
10 - Motorized Skateboard/Scter
11 - Pedestrian Vehicle
12 - Low Speed Vehicle
13 - Other Vehicle
14 - SUV
15 - Cargo Van
16 - Motor Home
17 - Light Truck (10K or less)
18 - Medium Truck (>10K - <26K)
19 - Heavy Truck (>26K)
20 - Farm Equipment
21 - Construction Vehicle
22 - MC <150 cc
23 - Moped
24 - Snowmobile
25 - Segway
26 - ATV
99 - Unknown

Non-Commercial Trailer Style

01 - No Trailer
02 - Camping Trailer
03 - Mobile Home
04 - Utility Trailer
05 - Boat/Jet Ski Trailer
06 - Towed Vehicle
07 - Horse/Stock Trailer
08 - Motorcycle Trailer
09 - Multiple Trailers
10 - Other (ie. Bicycle)
88 - Unknown

Underride/Override

01 - No Underride or Override
02 - Underride-Compartment Intrusion
03 - Underride-No Compartment Intrusion
04 - Underride-Compartment Intrusion Unkown
05 - Override-Motor Vehicle in Transport
06 - Override-Other Motor Vehicle
07 - Unknown if Underride or Override

Emergency Vehicle Use

01 - Yes 02 - No 99 - Unknown

Emergency Equipment Actuated

01 - Yes 02 - No 99 - Unknown

Special Function of MV in Transport

01 - None
02 - Police
03 - Ambulance/EMS
04 - Fire Truck
05 - Military
06 - Snow Plow
07 - Tow Truck
08 - MV used as School Bus
09 - MV used as Other Bus
10 - Construction Equipment
11 - Farm Equipment
12 - Taxi
13 - Train
99 - Unknown

Contributing Circumstance

1st choice
2nd choice

01 - None
02 - Brakes
03 - Trailer Brakes
04 - Steering
05 - Power Train
06 - Suspension
07 - Tires
08 - Wheels
09 - Lights (Head, Signal or Tail)
10 - Windows/Windshield
11 - Rain/Snow/Ice on Windshield
12 - Tinted Windows
13 - Vehicle Cargo Blocking View
14 - Exhaust System
15 - Oversized Load
16 - Defroster
17 - Mirrors
18 - Wipers
19 - Truck Coupling/Trailer Hitch/Safety Chain
20 - Stalled Vehicle
21 - Cruise Control
22 - Other
99 - Unknown

Vehicle Maneuver/Action prior to crash

01 - Straight Ahead
02 - Backing
03 - Changing Lanes
04 - Overtaking/Passing
05 - Turning Right
06 - Turning Left
07 - Make U-Turn
08 - Leaving a Traffic Lane/Parking
09 - Entering a Traffic Lane
10 - Slowing
11 - Negotiating a Curve
12 - Parked
13 - Stopped in Traffic
14 - Driverless Motor Vehicle
15 - Trafficway Maintenance
16 - Other
99 - Unknown

Road Surface

01 - Concrete
02 - Asphalt
03 - Gravel/Rock
04 - Dirt
05 - Brick/Stone
99 - Unknown

Grade

01 - Level
02 - Hillcrest
03 - Uphill
04 - Downhill
05 - Sag (Bottom)
99 - Unknown

Horizontal Alignment

01 - Straight
02 - Curve Right
03 - Curve Left
99 - Unknown

Total No. Lanes

01 - 06, 99 = Unknown
(exclude turn lanes)

Traffic Control Working Properly

01 - Yes 02 - No 99 - Unknown

Traffic Control

01 - None
02 - Stop Sign
03 - Yield Sign
04 - Flashing Traffic Signal
05 - Do Not Enter Sign
06 - Traffic Signal
07 - Traffic Signal w/ Ped
08 - Traffic Signal w/ Ped & Audible Signals
09 - Person (Officer/Flagger, Xing Guard, etc)
10 - Pedestrian Crossing
11 - No Passing Zone
12 - Warning Signs
13 - Pavement Markings
14 - Traffic Barrels/Cones
15 - Temporary Jersey Barrier
16 - School Bus Flashing Stop Lamps
17 - School Zone Crossing
18 - RR Crossing Signal
19 - RR Crossing Signal & Gate
20 - RR Crossing Cross Buck Sign Only
21 - RR Crossing Cross Buck with Stop Sign
22 - RR Crossing Cross Buck with Yield Sign
23 - Other
99 - Unknown

Trafficway Description

01 - Two-Way-Undivided
02 - Two-Way-Undivided w/ Continuous Left Turn Lane
03 - Two-Way-Divided, No Barrier
04 - Two-Way-Divided, With Barrier
99 - Unknown

Rumble Strips Present

01 - Yes 02 - No 99 - Unknown

Rumble Strips Applicable

01 - Yes 02 - No 99 - Unknown

Rumble Strips

01 - None
02 - Centerline Rumble Strips
03 - Median Shoulder Only
04 - Transverse Rumble Strips (Road Apprch)
05 - Both Shoulders
06 - Both Centerline and Outside Shoulder
07 - Outside Shoulders Only
99 - Unknown

Driver Information

1

Driver's Action (choose up to 4/ie. 01, 10, 25) — 1st choice / 2nd choice / 3rd choice / 4th choice

01 - No Improper Driving
02 - Ran Off Road
03 - Failed to Yield ROW
04 - Disregarded Traffic Signs
05 - Ran Red Light
06 - Disregarded Other Road Marking
07 - Speeding
08 - Drove too Fast for Conditions
09 - Improper Turn or No Signal
10 - Improper Backing
11 - Improper Passing
12 - Improper Parking
13 - Wrong Side/Wrong Way
14 - Following too Close
15 - Failed to Keep Proper Lane
16 - Erratic/Reckless/Careless/Aggressive
17 - Avoiding an Object on Road
18 - Avoiding Animal
19 - Avoiding Non-Motorist
20 - Avoiding MV
21 - Swerve Due to Wind/Slippery Surface
22 - Over Corrected/Over Steered
23 - Evading Law Enforcement
24 - Other Improper Action
99 - Unknown

Driver's Condition (choose up to 2) — 1st choice / 2nd choice

01 - Apparently Normal
02 - Emotional (depressed, angry, disturbed...)
03 - Ill (Sick)
04 - Fell Asleep, Fainted
05 - Fatigued
06 - Under Influence of Medication
07 - Physical Disability
08 - Suspected Drug Use
09 - Suspected Alcohol Use
10 - Other
99 - Unknown

Driver's Distraction (choose one)

01 - Not Distracted
02 - Electronic Communication Device (cell, pager..)
03 - Other Electronic Device (palm, TV, computer...)
04 - Other Distraction Inside MV (passenger, pet...)
05 - Other Distraction Outside MV
99 - Unknown

Citations Issued choose up to 5 — 1st choice / 2nd choice / 3rd choice / 4th choice / 5th choice

01 - None
02 - DWUI
03 - Drinking - (i.e.,open container)
04 - Exceeding Speed Limit
05 - Speed too Fast
06 - Following too Close
07 - Wrong Side of Road
08 - Improper or No Signal
09 - Improper Lane Use
10 - Improper Turn
11 - Improper Passing
12 - Improper Starting Out
13 - Failed to Grant ROW to Ped
14 - Failed to Grant ROW to MV
15 - Disregard Officer
16 - Disregard Stop Light
17 - Disregard Stop Sign
18 - Disregard Other
19 - Improper Parking
20 - Reckless Driving
21 - Vehicular Homicide
22 - Driver'sLicense Violation
23 - Improper Backing
24 - No Insurance
25 - Hit & Run
26 - Registration Violation
27 - Failure to Use Seat Belt
28 - Charges Pending
29 - Fed R & R Driver
30 - Fed R & R Vehicle
31 - Racing
32 - Other

Suspect Alcohol
01 - Yes
02 - No
99 - Unknown

Alcohol Test Type
01 - No Test Performed
02 - Test Refused
03 - Blood
04 - Serum
05 - Breath
06 - Urine
07 - Other
99 - Unknown

Alcohol Test Result .

Suspect Drugs
01 - Yes
02 - No
99 - Unknown

Drug Test Type
01 - No Test Performed
02 - Test Refused
03 - Blood
04 - Serum
05 - Urine
06 - Other
99 - Unknown

DL Investigation
01 - Yes
02 - No
99 - Unknown

2

Driver's Action (choose up to 4/ie. 01, 10, 25) — 1st choice / 2nd choice / 3rd choice / 4th choice

01 - No Improper Driving
02 - Ran Off Road
03 - Failed to Yield ROW
04 - Disregarded Traffic Signs
05 - Ran Red Light
06 - Disregarded Other Road Marking
07 - Speeding
08 - Drove too Fast for Conditions
09 - Improper Turn or No Signal
10 - Improper Backing
11 - Improper Passing
12 - Improper Parking
13 - Wrong Side/Wrong Way
14 - Following too Close
15 - Failed to Keep Proper Lane
16 - Erratic/Reckless/Careless/Aggressive
17 - Avoiding an Object on Road
18 - Avoiding Animal
19 - Avoiding Non-Motorist
20 - Avoiding MV
21 - Swerve Due to Wind/Slippery Surface
22 - Over Corrected/Over Steered
23 - Evading Law Enforcement
24 - Other Improper Action
99 - Unknown

Driver's Condition (choose up to 2) — 1st choice / 2nd choice

01 - Apparently Normal
02 - Emotional (depressed, angry, disturbed...)
03 - Ill (Sick)
04 - Fell Asleep, Fainted
05 - Fatigued
06 - Under Influence of Meds
07 - Physical Disability
08 - Suspected Drug Use
09 - Suspected Alcohol Use
10 - Other
99 - Unknown

Driver's Distraction (choose one)

01 - Not Distracted
02 - Electronic Communication Device (cell, pager..)
03 - Other Electronic Device (palm, TV, computer...)
04 - Other Distraction Inside MV (passenger, pet...)
05 - Other Distraction Outside MV
99 - Unknown

Citations Issued choose up to 5 — 1st choice / 2nd choice / 3rd choice / 4th choice / 5th choice

01 - None
02 - DWUI
03 - Drinking - (i.e.,open container)
04 - Exceeding Speed Limit
05 - Speed too Fast
06 - Following too Close
07 - Wrong Side of Road
08 - Improper or No Signal
09 - Improper Lane Use
10 - Improper Turn
11 - Improper Passing
12 - Improper Starting Out
13 - Failed to Grant ROW to Ped
14 - Failed to Grant ROW to MV
15 - Disregard Officer
16 - Disregard Stop Light
17 - Disregard Stop Sign
18 - Disregard Other
19 - Improper Parking
20 - Reckless Driving
21 - Vehicular Homicide
22 - Driver'sLicense Violation
23 - Improper Backing
24 - No Insurance
25 - Hit & Run
26 - Registration Violation
27 - Failure to Use Seat Belt
28 - Charges Pending
29 - Fed R & R Driver
30 - Fed R & R Vehicle
31 - Racing
32 - Other

Suspect Alcohol
01 - Yes
02 - No
99 - Unknown

Alcohol Test Type
01 - No Test Performed
02 - Test Refused
03 - Blood
04 - Serum
05 - Breath
06 - Urine
07 - Other
99 - Unknown

Alcohol Test Result .

Suspect Drugs
01 - Yes
02 - No
99 - Unknown

Drug Test Type
01 - No Test Performed
02 - Test Refused
03 - Blood
04 - Serum
05 - Urine
06 - Other
99 - Unknown

DL Investigation
01 - Yes
02 - No
99 - Unknown

Base Information

FIRST HARMFUL EVENT

Non - Collision:
01 - Overturn/Rollover
02 - Fire/Explosion
03 - Immersion
04 - Jackknife
05 - Cargo/Equipment Loss or Shift
06 - Fell/Jumped from a motor vehicle
07 - Thrown or Falling Object
08 - Carbon Monoxide (CO) Poisoning
09 - Injuries by being thrown against part of the vehicle
10 - Other Non-Collision (Motorcycle Loss of Control)

Collision w/ Person, MV, or Non-Fixed Object:
11 - Pedestrian
12 - Motor Vehicle in Transport on Roadway
13 - Motor Vehicle on OTHER Roadway
14 - Parked Motor Vehicle
15 - Railway Vehicle
16 - Pedacycle
17 - Work Zone/Maintenance Equipment
18 - Work Zone Channelling Device
19 - Object Set in Motion by Another Vehicle
20 - Other NON-Fixed Object

Animals:
21 - Horse
22 - Cow
23 - Pig
24 - Sheep
25 - Other Domestic (Dog, Llama, etc)
26 - Elk
27 - Deer
28 - Moose
29 - Antelope
30 - Buffalo
31 - Other Wild (Bear, Coyote, Eagle)

Collision w/ Fixed Object
32 - Guardrail End
33 - Guardrail Face
34 - Impact Attenuator/Crash Cushion
35 - Bridge Pier or Support
36 - Bridge Overhead Structure
37 - Bridge Rail
38 - Concrete Traffic Barrier/Jersey Barrier
39 - Other Traffic Barrier (Includes temporary)
40 - Utility Pole/Light Support
41 - Traffic Signal Support
42 - Overhead Traffic Sign
43 - Sign Support Single Post
44 - Sign Support Multiple Post
45 - Other Traffic Sign Support
46 - Barricade
47 - Tree/Shrubbery
48 - Cut Slope
49 - Road Approach
50 - Rock, Boulder, Rock Slide
51 - End of Drainage Pipe/Structure/Culvert
52 - Building or Other Structure Wall
53 - Fence (Including Post)
54 - Raised Median or Curb
55 - Delineator Post
56 - Earth Embankment/Berm
57 - Ditch
58 - Snow Embankment
59 - Mail Box
60 - Tunnel
61 - Cattle Guard
62 - Fixed Object Other

99 -Unknown

Location of FHE

01 - On Roadway
02 - Off Roadway
03 - Shoulder
04 - Median
05 - On OTHER Roadway
06 - Outside of ROW
07 - Gore
08 - Separator
09 - In Parking Lane/Zone
10 - Tunnel
11 - Bridge
12 - Port of Entry
13 - Rest Area
99 - Unknown

Weather

1st choice / 2nd choice

01 - Clear
02 - Raining
03 - Snowing
04 - Fog
05 - Blowing Dust/Sand/Dirt
06 - Severe Wind Only
07 - Blizzard
08 - Sleet/Hail/Freezing Rain
09 - Blowing Snow
10 - Cloudy,Overcast
11 - Smoke
12 - Other
99 - Unknown

Road

1st choice / 2nd choice

01 - Dry
02 - Wet
03 - Ice/Frost
04 - Snow
05 - Mud/Dirt/Gravel
06 - Slush
07 - Oil/Fuel
08 - Sand on Dry Pavement
09 - Sand on Icy Road
10 - Water standing/Running
11 - Other
99 - Unknown

Lighting

01 - Daylight
02 - Darkness Unlighted
03 - Darkness Lighted
04 - Dawn
05 - Dusk
06 - Other
99 - Unknown

School Bus Related

01 - No
02 - Yes, Directly Involved
03 - Yes, Indirectly Involved

Road Circumstance

choose up to 3

1st choice / 2nd choice / 3rd choice

01 - None
02 - Road Surface Condition
03 - Debris, lose material on the surface
04 - Ruts, Holes, Bumps
05 - Work Zone/Construction Zone
06 - Worn or Polished Surface
07 - Obstruction in Roadway
08 - Traffic Control Device Missing
09 - Traffic Control Device Inoperative
10 - Traffic Control Device Obscured
11 - Shoulders (None, Low, Soft, High)
12 - Non - Highway Work
13 - Reduced Road Width
14 - Lane Markings Missing or Faded
15 - Obstructed by a Previous Crash
16 - Other
99 - Unknown

Environmental Circumstance

choose up to 3

1st choice / 2nd choice / 3rd choice

01 - Weather Conditions
02 - Visual Obstruction Buildings
03 - Visual Obstruction Other Vehicle
04 - Visual Obstruction Vegetation
05 - Visual Obstruction Hillcrest
06 - Visual Obstruction Embankment-Snow, Rock,etc
07 - Other Physical Obstruction
08 - Glare (Sun or Headlight)
09 - Animals in Roadway
10 - Other
11 - None
99 - Unknown

Work Zone Related

01 - Yes 02 - No 99 - Unknown

Work Zone Workers Present

Work Zone Location

01 - Before the First Warning Sign
02 - Advance Warning Area
03 - Transition Area
04 - Activity Area
05 - Termination Area
99 - Unknown

Type of Work Zone

01 - Lane Closure
02 - Lane Shift/ Crossover
03 - Work on Shoulder/Median
04 - Intermittent or Moving Work
05 - Other
99 - Unknown

Manner of Collision

*see below

01 - Not a Collision w/2 Vehicles in Transport
02 - Rear End (Front to Rear)
03 - Head On (Front to Front)
04 - Angle Same Direction (Front to Side)
05 - Angle Right (Front to Side, includes Broadside)
06 - Angle Direction not Specified
07 - Sideswipe Same Direction (Passing)
08 - Sideswipe Opposite Direction (Meeting)
09 - Rear to Side (Normally Backing)
10 - Rear to Rear (Normally Backing)
11 - Rear to Front (Normally Backing)
12 - Other
99 - Unknown

Direction of Force

01 - Opposing (Opposite Direction within 15 degrees)
02 - Angle (force exceeds 15 degrees)
03 - Same (same direction within 15 degrees)
04 - Meeting (glancing collision from opposite direction)
05 - Passing (glancing collision from same direction)
99 - Unknown

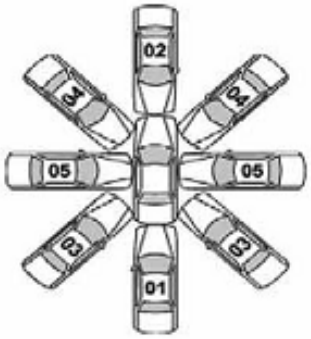
Relation to Junction

Non-Interchange Area	Interchange Area
01 - Non-Junction	12 - Thru Roadway
02 - Intersection	13 - Intersection
03 - Intersection Related	14 - Intersection Related
04 - Driveway Related	15 - Ramp
05 - Entrance/Exit Ramp	16 - Other Parts (Gore)
06 - Railway Grade Crossing	99 - Unknown Interchange
07 - Crossover Related	
08 - Business Entrance	
09 - Alley	

10 - Other Non-Interchange (ie. Bike, Snowmobile Trail, School Xing)
99 - Unknown (describe in narrative)

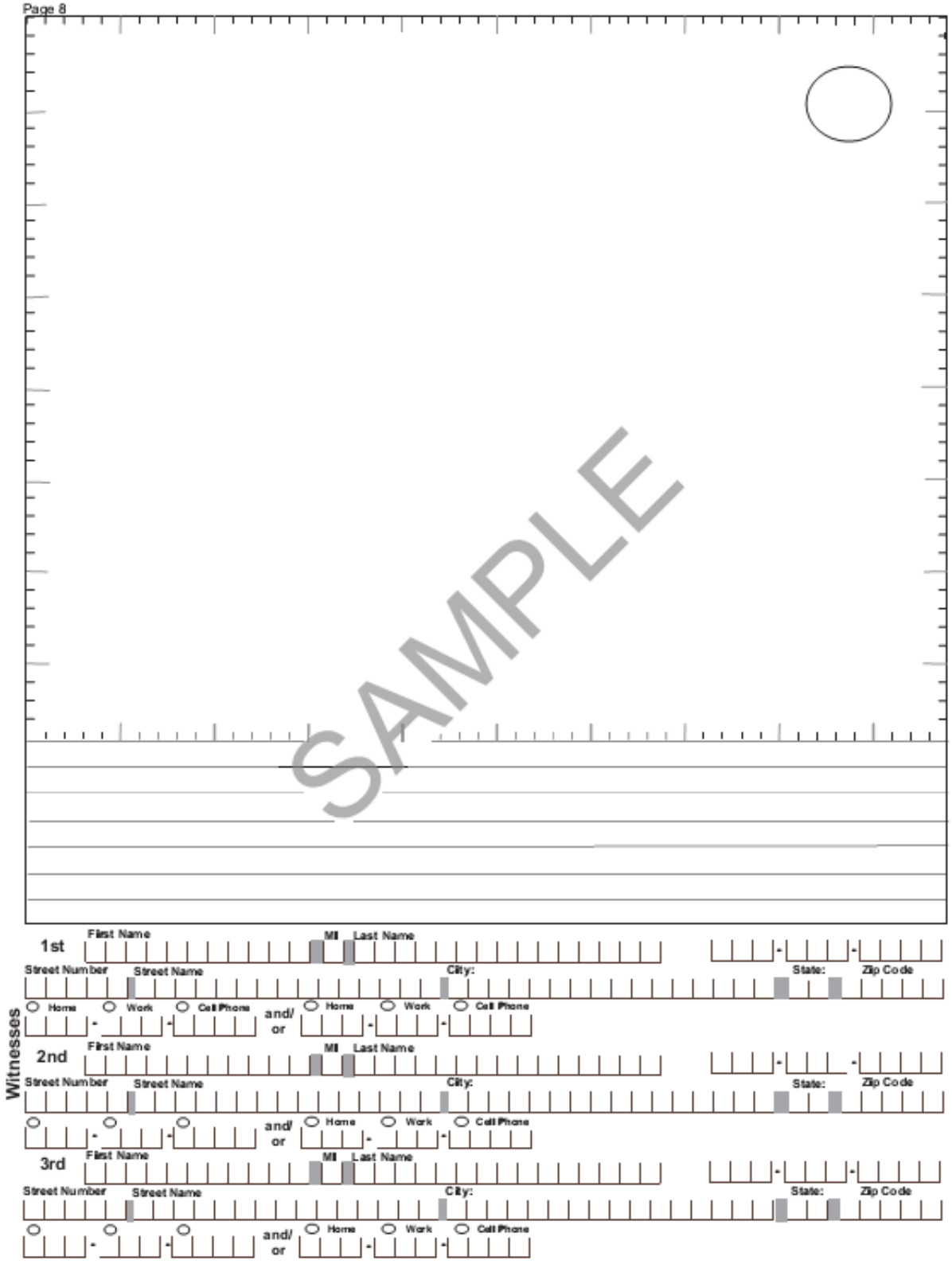
Type of Intersection

01 - Not an Intersection
02 - Four (4) -Way Intersection
03 - T Intersection
04 - Y Intersection
05 - Five (5) Point or more
06 - Intersection as part of an Interchange
07 - Roundabout
99 - Unknown



Manner of Collision CLARIFICATION

01 - Rear End (Front-to-Rear)
02 - Head-on (Front-to-Front)
03 - Angle (Front-to-Side), Same Direction
04 - Angle (Front-to-Side), Opposing Direction
05 - Angle (Front-to-Side), Right Angle/Broadside


SAMPLE
Witnesses
1st
First Name
MI
Last Name
Street Number
Street Name
City:
State:
Zip Code
Home
Work
Cell Phone
and/
or
2nd
3rd

Appendix 2. Sample Crash Dataset

Report Number	Crash Severity	# of Vehicles	Weather1	Milepost	Road Condition 1	Crash Date Time	Driver Age Veh 1	Driver Age Veh 2	Driver Veh 1 Gender	Driver Veh 2 Gender	Veh 1 Type	Veh 2 Type	Filter Direction
516285	No Injury	1	Raining	0	Wet	10/28/2005 10 AM to 10:59	21	No second vehicle	Male	No second vehicle	Passenger	No second vehicle	I80 D West
201016415	No Injury	2	Snowing	0.02	Ice or Frost	11/23/2010 11 AM to 11:59	27	54	Male	Male	Heavy Truck GT 26000	Heavy Truck GT 26000	I80 D West
506971	No Injury	2	Clear	0.02	Dry	5/19/2005 9 AM to 9:59	17	38	Male	Male	Medium Truck	Heavy Truck GT 26000	I80 D West
502210	No Injury	1	Snowing	0.04	Snow	2/6/2005 9 PM to 9:59	17	No second vehicle	Female	No second vehicle	Passenger	No second vehicle	I80 D West
201109325	No Injury	1	Clear	0.05	Dry	7/17/2011 4 AM to 4:59	59	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
201416021	No Injury	1	Cloudy or Overcast	0.1	Ice or Frost	11/22/2014 9 PM to 9:59	24	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
200821370	Unknown	2	Snowing	0.13	Ice or Frost	4/3/2008 12 Noon to 12:59	51	Greater than 99	Male	Unknown	Null value	Null value	I80 D West
201209349	No Injury	2	Clear	0.2	Dry	7/29/2012 1 PM to 1:59	20	76	Female	Male	SUV	Pickup	I80 D West
201201160	No Injury	2	Snowing	0.2	Ice or Frost	1/21/2012 5 PM to 5:59	29	51	Male	Female	Heavy Truck GT 26000	Passenger	I80 D West
710549	No Injury	2	Clear	0.2	Dry	6/24/2007 5 PM to 5:59	50	63	Male	Male	Pickup	Heavy Truck GT 26000	I80 D West
201212854	No Injury	1	Clear	0.2	Dry	9/28/2012 2 PM to 2:59	57	No second vehicle	Female	No second vehicle	Passenger	No second vehicle	I80 D West
503843	Nonincpacitating Injury	1	Clear	0.2	Dry	3/4/2005 9 PM to 9:59	19	No second vehicle	Female	No second vehicle	Passenger	No second vehicle	I80 D West
201503237	No Injury	1	Clear	0.25	Dry	3/13/2015 3 PM to 3:59	17	No second vehicle	Female	No second vehicle	Passenger	No second vehicle	I80 D West
718992	Possible Injury	1	Clear	0.3	Dry	10/24/2007 10 AM to 10:59	50	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
201501573	Possible Injury	1	Clear	0.3	Dry	1/30/2015 11 AM to 11:59	16	No second vehicle	Female	No second vehicle	Passenger	No second vehicle	I80 D West
613868	No Injury	1	Clear	0.3	Dry	8/20/2006 8 PM to 8:59	23	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
619452	Possible Injury	1	Clear	0.3	Dry	11/11/2006 6 AM to 6:59	17	No second vehicle	Male	No second vehicle	Passenger	No second vehicle	I80 D West
201102636	Incapacitating Injury	1	Clear	0.3	Dry	2/6/2011 3 PM to 3:59	20	No second vehicle	Female	No second vehicle	Passenger	No second vehicle	I80 D West
200801323	No Injury	2	Cloudy or Overcast	0.4	Ice or Frost	2/3/2008 12 Noon to 12:59	24	25	Male	Male	Pickup	Heavy Truck GT 26000	I80 D West
612130	No Injury	2	Clear	0.4	Dry	7/31/2006 4 PM to 4:59	67	Greater than 99	Male	Unknown	Passenger	Heavy Truck GT 26000	I80 D West
609318	Incapacitating Injury	2	Clear	0.4	Dry	6/12/2006 1 PM to 1:59	32	44	Male	Male	Heavy Truck GT 26000	Heavy Truck GT 26000	I80 D West
510238	No Injury	2	Clear	0.4	Dry	7/10/2005 2 PM to 2:59	44	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
201404483	No Injury	1	Blowing Snow	0.4	Snow	1/9/2014 11 AM to 11:59	35	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
200918865	No Injury	1	Snowing	0.4	Ice or Frost	12/13/2009 5 PM to 5:59	26	No second vehicle	Female	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
707794	No Injury	2	Clear	0.4	Dry	4/5/2007 9 PM to 9:59	37	45	Male	Male	Heavy Truck GT 26000	Heavy Truck GT 26000	I80 D West
618994	Possible Injury	1	Clear	0.4	Dry	10/31/2006 10 AM to 10:59	45	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
612227	No Injury	2	Clear	0.5	Dry	7/27/2006 5 AM to 5:59	26	Greater than 99	Female	Unknown	Passenger	Unknown	I80 D West
201309074	No Injury	1	Clear	0.5	Dry	7/20/2013 10 PM to 10:59	62	No second vehicle	Female	No second vehicle	Pickup	No second vehicle	I80 D West
200811290	Nonincpacitating Injury	1	Clear	0.5	Dry	8/6/2008 11 AM to 11:59	21	No second vehicle	Female	No second vehicle	Passenger	No second vehicle	I80 D West
201016354	No Injury	1	Clear	0.5	Ice or Frost	11/22/2010 12 Noon to 12:59	35	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
201016498	No Injury	2	Snowing	0.5	Ice or Frost	11/23/2010 11 AM to 11:59	32	56	Male	Male	Heavy Truck GT 26000	Heavy Truck GT 26000	I80 D West
200802563	No Injury	1	Clear	0.5	Water Standing or Running	2/15/2008 6 PM to 6:59	38	No second vehicle	Female	No second vehicle	Null value	No second vehicle	I80 D West
200819149	No Injury	2	Snowing	0.75	Ice or Frost	12/20/2008 4 PM to 4:59	22	57	Male	Male	SUV	SUV	I80 D West
200916641	No Injury	2	Clear	0.8	Dry	11/17/2009 6 AM to 6:59	50	26	Male	Male	Pickup	SUV	I80 D West
201104692	No Injury	1	Clear	0.8	Ice or Frost	3/27/2011 7 AM to 7:59	48	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
501456	No Injury	2	Snowing	1	Ice or Frost	1/27/2005 7 PM to 7:59	44	40	Female	Male	Passenger	Passenger	I80 D West
200819152	No Injury	1	Snowing	1	Ice or Frost	12/20/2008 5 PM to 5:59	53	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
200911704	No Injury	1	Clear	1	Dry	8/1/2009 9 PM to 9:59	41	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
201013493	No Injury	1	Clear	1.2	Dry	10/3/2010 4 PM to 4:59	21	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
200803963	Nonincpacitating Injury	1	Snowing	1.9	Ice or Frost	1/9/2008 8 AM to 8:59	57	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
201300351	No Injury	1	Clear	2	Dry	1/12/2013 6 PM to 6:59	55	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
200801099	No Injury	1	Blowing Snow	2	Ice or Frost	1/28/2008 9 AM to 9:59	35	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
201001125	Nonincpacitating Injury	1	Snowing	2	Snow	1/31/2010 7 AM to 7:59	49	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
201011898	No Injury	1	Clear	2	Dry	9/5/2010 9 PM to 9:59	25	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
613159	Possible Injury	1	Clear	2	Dry	8/8/2006 Null value	43	No second vehicle	Male	No second vehicle	Passenger	No second vehicle	I80 D West
200820498	No Injury	2	Snowing	2	Ice or Frost	12/22/2008 3 PM to 3:59	53	35	Female	Male	SUV	Heavy Truck GT 26000	I80 D West
615942	No Injury	2	Clear	2.1	Dry	9/27/2006 11 AM to 11:59	37	31	Male	Male	Pickup	Heavy Truck GT 26000	I80 D West
500035	No Injury	2	Clear	2.3	Ice or Frost	1/14/2005 8 AM to 8:59	35	30	Male	Female	Passenger	Pickup	I80 D West
201117571	No Injury	2	Clear	2.4	Dry	12/8/2011 5 PM to 5:59	42	32	Male	Male	Heavy Truck GT 26000	SUV	I80 D West
201009112	Nonincpacitating Injury	2	Clear	2.5	Dry	7/9/2010 1 PM to 1:59	58	86	Male	Male	Pickup	SUV	I80 D West
201409597	No Injury	1	Clear	2.5	Dry	7/24/2014 9 PM to 9:59	41	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
201116060	No Injury	1	Clear	2.6	Dry	11/20/2011 2 AM to 2:59	23	No second vehicle	Female	No second vehicle	Passenger	No second vehicle	I80 D West
612126	No Injury	2	Clear	2.8	Dry	7/23/2006 11 AM to 11:59	33	27	Male	Male	Heavy Truck GT 26000	Pickup	I80 D West
201414626	No Injury	1	Clear	2.9	Dry	11/1/2014 12 Noon to 12:59	25	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
722949	No Injury	1	Clear	2.9	Ice or Frost	12/19/2007 8 AM to 8:59	52	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
200910450	No Injury	1	Clear	3	Dry	7/17/2009 Midnight to 12:59	37	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
200915731	Possible Injury	1	Snowing	3	Ice or Frost	10/5/2009 9 AM to 9:59	37	No second vehicle	Male	No second vehicle	Cargo Van	No second vehicle	I80 D West
521661	No Injury	2	Clear	3	Wet	12/31/2005 10 AM to 10:59	49	27	Male	Male	Pickup	Heavy Truck GT 26000	I80 D West
201212134	No Injury	1	Clear	3	Dry	9/25/2012 2 AM to 2:59	41	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
201416861	No Injury	1	Clear	3	Dry	12/8/2014 6 PM to 6:59	34	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
201005629	Nonincpacitating Injury	2	Clear	3	Dry	5/5/2010 2 PM to 2:59	51	Greater than 99	Male	Unknown	Heavy Truck GT 26000	Pickup	I80 D West
201314820	No Injury	1	Cloudy or Overcast	3	Ice or Frost	11/16/2013 6 PM to 6:59	56	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
201111823	Nonincpacitating Injury	1	Clear	3	Dry	8/26/2011 3 PM to 3:59	62	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
201311328	Possible Injury	2	Clear	3	Dry	6/20/2013 7 AM to 7:59	69	47	Male	Male	Passenger	Pickup	I80 D West
201307999	No Injury	1	Clear	3.1	Dry	6/26/2013 6 AM to 6:59	42	No second vehicle	Female	No second vehicle	Null value	No second vehicle	I80 D West
201009505	No Injury	2	Clear	3.1	Dry	7/21/2010 3 PM to 3:59	62	57	Female	Male	Passenger	Heavy Truck GT 26000	I80 D West
613697	No Injury	1	Clear	3.15	Dry	8/27/2006 8 AM to 8:59	48	No second vehicle	Male	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
618908	Possible Injury	1	Clear	3.2	Dry	11/5/2006 2 AM to 2:59	49	No second vehicle	Male	No second vehicle	Passenger Van	No second vehicle	I80 D West
509981	No Injury	1	Clear	3.25	Dry	7/3/2005 9 AM to 9:59	35	No second vehicle	Male	No second vehicle	Pickup	No second vehicle	I80 D West
717201	No Injury	1	Clear	3.3	Dry	9/22/2007 6 AM to 6:59	49	No second vehicle	Female	No second vehicle	Pickup	No second vehicle	I80 D West
201008748	No Injury	2	Clear	3.4	Dry	7/3/2010 11 AM to 11:59	28	Greater than 99	Female	Unknown	Passenger	Heavy Truck GT 26000	I80 D West
201413302	No Injury	1	Clear	3.4	Dry	10/8/2014 10 PM to 10:59	29	No second vehicle	Male	No second vehicle	Null value	No second vehicle	I80 D West
201102933	No Injury	1	Cloudy or Overcast	3.45	Ice or Frost	2/22/2011 2 PM to 2:59	23	No second vehicle	Male	No second vehicle	Passenger	No second vehicle	I80 D West
201101987	No Injury	3	Snowing	3.45	Ice or Frost	2/7/2011 4 PM to 4:59	60	42	Male	Male	Heavy Truck GT 26000	Pickup	I80 D West
602725	Possible Injury	2	Clear	3.45	Dry	2/12/2006 5 PM to 5:59	23	47	Male	Male	Passenger	Heavy Truck GT 26000	I80 D West
518760	No Injury	1	Snowing	3.45	Ice or Frost	11/26/2005 3 PM to 3:59	46	No second vehicle	Male	No second vehicle	Passenger Van	No second vehicle	I80 D West
201102141	No Injury	1	Blizzard	3.45	Ice or Frost	2/7/2011 4 PM to 4:59	46	No second vehicle	Female	No second vehicle	Heavy Truck GT 26000	No second vehicle	I80 D West
200910453	No Injury	1	Clear	3.45	Dry	7/22/2009 2 AM to 2:59	30	No second vehicle	Male	No second vehicle	SUV	No second vehicle	I80 D West
509602	No Injury	1	Clear	3.5	Dry	6/27/2005 10 PM to 10:59	57	No second vehicle	Male	No second vehicle	Passenger	No second vehicle	I80 D West

Appendix 3. Sample Citation Dataset

Citation #	Charge Description	Offense Date	Time of Offense	Race	Sex	Age	Residency Code	Milepost	Street
061207AC	CARELESS DRIVING	1/1/2011 12:00:00 AM	1522	W	M	49	N	275.4	I 80 W
073767AC	BACK SAFELY & W/O INTERFERING W/ TRAFFIC	1/1/2011 12:00:00 AM	1630	B	M	56	N	331.8	I 80 W
077376AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/1/2011 12:00:00 AM	1200	W	M	63	N	380	I 80 E
045061AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/1/2011 12:00:00 AM	1847	W	M	31	N	37	I 80 E
088227AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/1/2011 12:00:00 AM	1616	H	F	22		167	I 80 E
088230AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/1/2011 12:00:00 AM	1149	A	F	26	N	171	I 80 W
088228AC	VALID DRIVER`S LIC	1/1/2011 12:00:00 AM	1616	H	F	22		167	I 80 E
088229AC	CHILD SAFETY RESTRAINT SYSTEM	1/1/2011 12:00:00 AM	1616	H	F	22		167	I 80 E
044677AC	SEAT BELT: PASSENGER	1/1/2011 12:00:00 AM	910	W	M	34	R	42	I 80 W
076797AC	COMPULSORY AUTO INSURANCE	1/1/2011 12:00:00 AM	1025	W	M	25	N	375	I 80 W
044837AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/1/2011 12:00:00 AM	1445	W	M	31	N	49	I 80 E
044838AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/1/2011 12:00:00 AM	1550	W	M	40	N	45	I 80 W
045242AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/1/2011 12:00:00 AM	1510	W	M	25	N	31	I 80 E
035414AC	FAIL TO REPORT OVER $1,000 PROP DAMAGE OF	1/1/2011 12:00:00 AM	300	W	M	49	R	111	I 80 E
035415AC	SPEED TOO FAST FOR CONDITIONS	1/1/2011 12:00:00 AM	1230	W	F	18	R	85.5	I 80 E
045244AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/1/2011 12:00:00 AM	2115	W	M	25	N	56	I 80 W
035416AC	SPEED TOO FAST FOR CONDITIONS	1/1/2011 12:00:00 AM	1315	W	M	29	N	89.5	I 80 E
035417AC	EXCEED POSTED SPEED IN SUPERINTENDENT ZO	1/1/2011 12:00:00 AM	1350	W	M	28	N	86.5	I 80 W
045245AC	EXPIRED/IMPROPER REGISTRATION	1/1/2011 12:00:00 AM	2115	W	M	25	N	56	I 80 W
035418AC	SPEED TOO FAST FOR CONDITIONS	1/1/2011 12:00:00 AM	1350	W	F	69	N	86.5	I 80 W
045246AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1530	W	M	28	N	42	I 80 E
044931AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	940	W	M	38	N	28	I 80 E
044932AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1055	W	M	23	N	42	I 80 E
044839AC	FAIL TO PROVIDE PROOF OF LIABILITY INSURANC	1/2/2011 12:00:00 AM	805	W	F	25	N	56	I 80 W
088231AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1533	H	M	27	N	167	I 80 E
088232AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1618	H	M	42	N	185	I 80 E
088233AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1724	W	F	34	N	167	I 80 E
088234AC	FOLLOW TOO CLOSELY	1/2/2011 12:00:00 AM	1840	W	M	64	N	167	I 80 E
045247AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1555	W	M	57	N	39	I 80 W
045248AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1620	B	F	21	N	29	I 80 E
045250AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	2010	H	M	51	N	38	I 80 E
045251AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	2035	W	M	34	R	47	I 80 E
061209AC	EXCEED POSTED SPEED IN SUPERINTENDENT ZO	1/2/2011 12:00:00 AM	1515	W	F	27	N	248	I 80 E
061210AC	CARELESS DRIVING	1/2/2011 12:00:00 AM	1515	W	F	27	N	248	I 80 E
045062AC	VEHICLE REGISTRATION, TITLE, PLATES OR TEM	1/2/2011 12:00:00 AM	1510	W	F	23	N	12.5	I 80 E
085526AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1140	A	M	41	N	396	I 80 E
085527AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1155	W	M	64	N	395	I 80 E
045063AC	NO VALID DRIVERS LICENSE	1/2/2011 12:00:00 AM	1620	H	M	29	R	55	I 80 E
045064AC	CHILD SAFETY RESTRAINT SYSTEM	1/2/2011 12:00:00 AM	1718	W	M	25	R	53	I 80 W
034883AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	2020	W	F	36	R	96	I 80 E
034884AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	2030	W	F	45	N	98	I 80 W
085401AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1345	W	M	19	N	336.9	I 80 E
085402AC	VEHICLE REGISTRATION, TITLE, PLATES OR TEM	1/2/2011 12:00:00 AM	1455	W	M	25	R	347	I 80 E
085403AC	DRIVE WHILE LIC SUSPENDED- 2ND + OFFENSE	1/2/2011 12:00:00 AM	1455	W	M	25	R	347	I 80 E
085404AC	COMPULSORY AUTO INSURANCE	1/2/2011 12:00:00 AM	1455	W	M	25	R	347	I 80 E
044841AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1040	W	M	27	N	43	I 80 E
044840AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	825	W	M	27	N	46.5	I 80 E
044842AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1345	W	M	27	N	46.5	I 80 E
044843AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1400	W	F	48	N	51	I 80 E
045252AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	2230	W	M	48		31	I 80 E
073420AC	VEHICLE REGISTRATION, TITLE, PLATES OR TEM	1/2/2011 12:00:00 AM	1310	W	F	22	R	334	I 80 E
073421AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1325	W	M	34	N	335	I 80 E
060784AC	EXCEED POSTED SPEED IN SUPERINTENDENT ZO	1/2/2011 12:00:00 AM	1856	W	M	27	N	253	I 80 E
073957AC	EXCEED POSTED SPEED IN SUPERINTENDENT ZO	1/2/2011 12:00:00 AM	1418	W	M	65	N	322	I 80 W
060991AC	LOG VIOLATION (GEN/FORM & MANNER)	1/2/2011 12:00:00 AM	1243	W	M	61	N	240	I 80 W
060992AC	EXCEED POSTED SPEED IN SUPERINTENDENT ZO	1/2/2011 12:00:00 AM	1445	W	M	20	N	257	I 80 E
060990AC	TIRE: FLAT &/OR AUDIBLE AIR LEAK	1/2/2011 12:00:00 AM	1135	B	M	60	N	240	I 80 W
062790AD	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/2/2011 12:00:00 AM	1955	W	M	60	N	96	I 80 W
062791AD	COMPULSORY AUTO INSURANCE	1/2/2011 12:00:00 AM	1955	W	M	60	N	96	I 80 W
013556AD	EXCEED POSTED SPEED IN CONSTRUCTION ZONE	1/2/2011 12:00:00 AM	2321	W	M	37	N	357.68	I 80 E
061549AC	COMPULSORY AUTO INSURANCE	1/3/2011 12:00:00 AM	815	W	M	23	R	252.5	I 80 E
072768AC	EXCEED POSTED SPEED IN SUPERINTENDENT ZO	1/3/2011 12:00:00 AM	1920	W	F	21		321	I 80 W
072769AC	UND 21 IN POSSESSION OF ALCOHOLIC BEV (MIN	1/3/2011 12:00:00 AM	1920	W	F	21		321	I 80 W
053319AB	FALSE RPT OF DRIVER'S RECORD OF DUTY STAT	1/3/2011 12:00:00 AM	944	W	M	43	N	372	I 80 W
073052AC	RECKLESS DRIVING	1/3/2011 12:00:00 AM	145	W	M	19	N	313	I 80 W
073053AC	CHILD SAFETY RESTRAINT SYSTEM	1/3/2011 12:00:00 AM	213	W	F	33	N	316	I 80 E
073502AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/3/2011 12:00:00 AM	1708	W	M	28	N	331	I 80 E
073503AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/3/2011 12:00:00 AM	1728	W	M	25	N	331	I 80 E
073504AC	SEAT BELT: PASSENGER	1/3/2011 12:00:00 AM	1920	W	F	20	N	321	I 80 W
073505AC	EXCEED POSTED SPEED IN SUPERINTENDENT ZO	1/3/2011 12:00:00 AM	2101	W	M	53	N	321	I 80 W
045256AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/3/2011 12:00:00 AM	2150	H	M	36	N	32	I 80 E
077386AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/3/2011 12:00:00 AM	1458	W	M	49	N	367	I 80 W
077221AC	DRIVE WHILE LIC CANCELLED, SUSPENDED, OR R	1/3/2011 12:00:00 AM	2019	W	F	29	N	351	I 80 E
076996AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/3/2011 12:00:00 AM	1315	A	M	43	N	344	I 80 E
076997AC	EXCEED 75 MPH ON INTERSTATE (SPEED)	1/3/2011 12:00:00 AM	1350	U	M	18	N	340	I 80 E
076998AC	COMPULSORY AUTO INSURANCE	1/3/2011 12:00:00 AM	1350	U	M	18	N	340	I 80 E

Appendix 4. Traffic Counts on Study Routes, 2011 - 2014

		MILEPOST			2011		2012		2013		2014	
ROUTE	DIR	BEGIN	END	LENGTH	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS
80	I	0.000	3.453	3.453	6,611	2,680	6,601	2,674	6,626	2,732	6,859	2,801
80	I	3.453	5.263	1.810	7,775	2,801	7,868	2,801	7,899	2,801	7,751	3,309
80	I	5.263	6.257	0.994	7,972	2,914	8,068	2,914	8,100	2,914	7,772	3,318
80	I	6.257	10.683	4.426	6,126	2,594	6,342	2,734	6,298	2,742	6,513	2,846
80	I	10.683	13.862	3.179	6,262	2,914	6,337	2,885	6,362	2,909	6,515	2,946
80	I	13.862	18.293	4.431	6,203	2,886	6,277	2,857	6,302	2,882	6,470	2,926
80	I	18.293	21.751	3.458	5,588	2,600	5,655	2,574	5,678	2,596	5,804	2,624
80	I	21.751	23.120	1.369	5,588	2,600	5,655	2,574	5,678	2,596	5,804	2,624
80	I	23.120	23.906	0.786	5,588	2,600	5,655	2,574	5,678	2,596	5,804	2,624
80	I	23.906	28.713	4.807	5,578	2,595	5,645	2,570	5,668	2,592	5,799	2,622
80	I	28.713	30.398	1.685	5,588	2,600	5,655	2,574	5,678	2,596	5,809	2,627
80	I	30.398	33.182	2.784	5,598	2,605	5,665	2,579	5,688	2,601	5,824	2,634
80	I	33.182	34.741	1.559	5,598	2,605	5,665	2,579	5,688	2,601	5,829	2,636
80	I	34.741	39.896	5.155	4,855	2,259	4,913	2,236	4,933	2,256	5,103	2,307
80	I	39.896	41.987	2.091	5,188	2,414	5,250	2,390	5,271	2,410	5,424	2,453
80	I	41.987	48.303	6.316	4,992	2,323	5,052	2,300	5,072	2,319	5,239	2,369
80	I	48.303	53.306	5.003	5,266	2,450	5,329	2,426	5,350	2,446	5,518	2,495
80	I	53.306	57.041	3.735	5,256	2,446	5,319	2,421	5,340	2,442	5,503	2,489
80	I	57.041	61.591	4.550	5,256	2,446	5,319	2,421	5,340	2,442	5,503	2,489
80	I	61.591	66.120	4.529	5,041	2,346	5,101	2,322	5,121	2,341	5,403	2,742
80	I	66.120	68.972	2.852	6,399	2,977	6,476	2,948	6,502	2,973	6,706	3,403
80	I	68.972	72.296	3.324	6,332	3,090	6,176	3,051	6,135	3,044	6,301	3,126
80	I	72.296	82.621	10.325	6,554	3,049	6,633	3,019	6,660	3,045	6,690	3,395
80	I	82.621	83.007	0.386	6,310	2,936	6,386	2,907	6,412	2,931	6,470	3,283
80	I	83.007	85.697	2.690	7,317	3,404	7,405	3,371	7,435	3,399	7,467	3,303
80	I	85.697	89.445	3.748	6,907	3,114	6,916	3,091	6,802	3,034	6,941	3,057
80	I	89.445	91.532	2.087	6,448	3,000	6,525	2,970	6,551	2,996	7,376	3,263
80	I	91.532	99.138	7.606	11,791	3,285	11,932	3,087	11,980	3,287	12,554	3,339
80	I	99.138	102.358	3.200	9,959	3,264	10,034	3,011	10,094	3,218	10,296	3,285
80	I	102.358	103.819	1.461	8,980	2,872	9,082	2,963	8,568	3,011	8,675	3,731
80	I	103.819	104.825	1.006	8,540	2,902	8,634	2,795	8,781	2,860	8,915	3,786
80	I	104.825	107.056	2.231	7,473	2,839	7,555	2,840	7,683	2,910	7,888	3,628
80	I	107.056	111.161	4.105	6,619	3,165	6,740	3,165	6,733	3,161	6,950	3,236
80	I	111.161	122.272	11.111	6,262	3,175	6,337	3,162	6,362	3,112	6,620	3,164
80	I	122.272	130.840	8.568	6,135	3,165	6,209	2,826	6,234	2,851	6,490	3,102
80	I	130.840	136.958	6.118	5,656	2,970	5,724	2,606	5,747	2,627	5,999	2,867
80	I	136.958	139.509	2.551	5,578	2,970	5,645	2,570	5,668	2,592	5,924	2,832
80	I	139.509	142.170	2.661	5,578	2,970	5,645	2,570	5,668	2,592	5,924	2,832
80	I	142.170	146.848	4.678	5,529	2,935	5,595	2,547	5,617	2,568	5,878	2,810
80	I	146.848	150.807	3.959	5,500	2,935	5,566	2,534	5,588	2,555	5,844	2,793
80	I	150.807	152.455	1.648	5,500	2,950	5,566	2,534	5,588	2,555	5,844	2,793
80	I	152.455	154.055	1.600	5,402	2,950	5,467	2,489	5,489	2,510	5,749	2,748
80	I	154.055	156.025	1.970	5,402	2,955	5,467	2,489	5,489	2,510	5,749	2,748
80	I	156.025	158.545	2.520	5,402	2,955	5,467	2,489	5,489	2,510	5,749	2,748
80	I	158.545	165.582	7.037	5,393	2,955	5,458	2,484	5,480	2,506	5,744	2,746
80	I	165.582	170.676	5.094	5,393	2,985	5,458	2,484	5,480	2,506	5,774	2,760
80	I	170.676	173.413	2.737	5,422	2,985	5,487	2,498	5,509	2,519	5,789	2,767
80	I	173.413	184.288	10.875	5,627	3,130	5,695	2,592	5,718	2,615	6,005	2,870
80	I	184.288	187.204	2.916	5,607	3,130	5,674	2,583	5,697	2,605	5,984	2,860
80	I	187.204	196.157	8.953	5,724	3,130	5,793	2,637	5,816	2,659	6,109	2,920
80	I	196.157	199.051	2.894	5,734	3,130	5,803	2,641	5,826	2,664	6,124	3,279
80	I	199.051	201.164	2.113	5,734	3,130	5,803	2,641	5,826	2,664	6,124	3,279
80	I	201.164	204.175	3.011	5,754	3,118	5,823	2,651	5,846	2,673	6,140	3,287
80	I	204.175	206.182	2.007	5,764	3,105	5,833	2,655	5,856	2,678	6,150	3,292
80	I	206.182	209.459	3.277	5,824	3,048	5,816	2,649	5,928	2,672	6,041	3,171
80	I	209.459	211.780	2.321	6,300	3,165	6,376	2,902	6,402	2,927	6,520	3,491
80	I	211.780	214.111	2.271	6,227	3,000	6,295	2,038	6,402	2,085	6,569	3,517
80	I	214.111	215.570	1.459	6,619	3,000	6,692	2,166	6,806	2,166	7,047	3,773
80	I	215.570	219.594	4.024	7,219	3,200	7,306	3,326	7,335	3,326	7,472	4,000
80	I	219.594	221.926	2.332	6,086	3,200	6,159	2,804	6,184	2,828	6,190	3,314
80	I	221.926	228.341	6.415	5,794	2,739	5,864	2,669	5,887	2,692	6,000	3,212
80	I	228.341	235.280	6.939	5,744	2,735	5,813	2,646	5,836	2,669	5,954	3,188
80	I	235.280	238.150	2.870	4,924	2,594	4,983	2,568	5,003	2,288	5,093	2,843
80	I	238.150	255.602	17.452	4,914	2,593	4,973	2,564	4,993	2,283	5,083	2,838
80	I	255.602	260.232	4.630	5,012	2,672	5,072	2,609	5,092	2,329	5,173	2,888
80	I	260.232	267.186	6.954	5,022	2,673	5,082	2,613	5,102	2,333	5,178	2,891
80	I	267.186	272.056	4.870	5,012	2,667	5,072	2,633	5,092	2,328	5,178	2,891
80	I	272.056	279.859	7.803	5,012	2,666	5,072	2,633	5,092	2,328	5,188	2,896
80	I	279.859	280.901	1.042	5,012	2,668	5,072	2,633	5,092	2,328	5,188	2,896
80	I	280.901	290.438	9.537	5,012	2,669	5,072	2,633	5,092	2,328	5,188	2,896
80	I	290.438	297.663	7.225	5,022	2,679	5,082	2,720	5,102	2,333	5,188	2,896
80	I	297.663	310.452	12.789	5,032	2,730	5,095	2,781	5,126	2,778	5,288	2,897
80	I	310.452	310.840	0.388	3,460	1,941	3,498	1,132	3,557	1,159	3,660	1,162
80	I	310.840	311.756	0.916	5,713	2,943	5,776	1,870	5,874	1,913	6,106	2,009
80	I	311.756	313.191	1.435	8,620	2,929	8,715	2,821	8,863	2,887	8,993	2,989
80	I	313.191	316.702	3.511	6,709	2,280	6,783	2,196	6,898	2,247	7,084	2,382
80	I	316.702	323.049	6.347	6,653	3,096	6,733	3,065	6,760	3,091	6,856	3,177
80	I	323.049	329.316	6.267	6,155	2,864	6,229	2,835	6,580	2,770	6,761	2,800

		MILEPOST			2011		2012		2013		2014	
ROUTE	DIR	BEGIN	END	LENGTH	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS
80	I	329.316	335.106	5.790	6,126	2,850	6,200	2,822	6,560	2,760	6,239	2,782
80	I	335.106	336.609	1.503	6,145	2,859	6,219	2,831	6,565	2,831	6,682	2,800
80	I	336.609	339.317	2.708	6,145	2,859	6,219	2,831	6,565	2,831	6,682	2,800
80	I	339.317	342.560	3.243	6,213	2,891	6,288	2,862	6,635	2,862	6,677	3,094
80	I	342.560	345.501	2.941	6,310	2,936	6,386	2,907	6,712	2,907	6,766	3,135
80	I	345.501	348.363	2.862	6,310	2,936	6,386	2,907	6,716	2,907	6,718	3,113
80	I	348.363	357.680	9.317	6,393	2,730	6,336	2,910	6,732	2,910	6,720	3,114
80	I	357.680	359.076	1.396	6,838	2,855	6,920	3,150	6,948	3,150	7,122	3,300
80	I	359.076	359.599	0.523	6,165	2,718	6,239	2,840	6,264	2,840	6,506	3,125
80	I	359.599	362.037	2.438	8,510	2,693	8,604	2,785	8,750	2,785	9,062	4,199
80	I	362.037	364.000	2.013	8,067	2,667	8,156	2,640	8,295	2,640	8,673	4,019
80	I	364.000	367.424	3.424	5,843	2,245	5,907	2,245	6,007	2,245	6,136	2,843
80	I	367.424	370.394	2.970	4,878	2,208	4,932	2,208	5,016	2,208	5,148	2,385
80	I	370.394	377.353	6.959	4,718	2,145	4,770	2,145	4,851	2,145	5,050	2,236
80	I	377.353	386.389	9.036	4,643	2,106	4,514	2,104	4,628	2,127	4,814	2,215
80	I	386.389	391.385	4.996	4,391	2,090	4,435	2,060	4,435	2,085	4,533	2,280
80	I	391.385	401.456	10.071	4,207	2,036	4,142	1,986	4,237	2,006	4,385	2,174
80	I	401.456	402.780	1.323	3,850	1,995	3,811	1,980	3,811	2,000	3,945	2,168
80	D	0.000	3.453	3.453	6,989	3,047	6,983	3,029	6,978	3,079	6,944	3,048
80	D	3.453	5.263	1.810	7,347	3,418	7,435	3,384	7,465	3,413	7,751	3,309
80	D	5.263	6.257	0.994	7,190	3,345	7,276	3,312	7,305	3,340	7,772	3,318
80	D	6.257	10.683	4.426	6,302	2,858	6,580	2,989	6,493	2,816	6,631	3,043
80	D	10.683	13.862	3.179	6,448	3,000	6,525	2,970	6,551	2,970	6,515	2,946
80	D	13.862	18.293	4.431	6,418	2,986	6,495	2,956	6,525	2,956	6,470	2,926
80	D	18.293	21.751	3.458	5,744	2,673	5,813	2,646	5,836	2,646	5,804	2,624
80	D	21.751	23.120	1.369	5,734	2,668	5,803	2,641	5,826	2,641	5,804	2,624
80	D	23.120	23.906	0.786	5,734	2,668	5,803	2,641	5,826	2,641	5,804	2,624
80	D	23.906	28.713	4.807	5,734	2,668	5,803	2,641	5,826	2,641	5,799	2,622
80	D	28.713	30.398	1.685	5,744	2,673	5,813	2,646	5,836	2,646	5,809	2,627
80	D	30.398	33.182	2.784	5,764	2,682	5,833	2,655	5,856	2,655	5,824	2,634
80	D	33.182	34.741	1.559	5,773	2,686	5,842	2,659	5,856	2,659	5,829	2,636
80	D	34.741	39.896	5.155	5,099	2,372	5,160	2,349	5,181	2,369	5,103	2,307
80	D	39.896	41.987	2.091	5,393	2,509	5,458	2,484	5,480	2,505	5,424	2,453
80	D	41.987	48.303	6.316	5,227	2,432	5,290	2,408	5,311	2,429	5,239	2,369
80	D	48.303	53.306	5.003	5,500	2,559	5,566	2,534	5,588	2,555	5,518	2,495
80	D	53.306	57.041	3.735	5,480	2,550	5,546	2,525	5,568	2,546	5,503	2,489
80	D	57.041	61.591	4.550	5,480	2,550	5,546	2,525	5,568	2,546	5,503	2,489
80	D	61.591	66.168	4.577	5,500	2,559	5,566	2,534	5,588	2,555	5,403	2,742
80	D	66.168	68.972	2.804	6,682	3,109	6,762	3,078	6,789	3,104	6,706	3,403
80	D	68.972	72.296	3.324	6,348	3,236	6,314	3,209	6,280	3,236	6,424	3,300
80	D	72.296	82.710	10.414	6,497	3,278	6,575	2,993	6,601	3,018	6,690	3,395
80	D	82.710	83.007	0.297	6,417	3,256	6,309	2,865	6,330	2,902	6,470	3,283
80	D	83.007	85.697	2.690	7,457	3,490	7,336	3,339	7,365	3,291	7,467	3,303
80	D	85.697	89.445	3.748	7,148	3,363	7,176	3,337	7,121	3,289	7,034	3,066
80	D	89.445	91.532	2.087	7,942	3,295	8,037	3,658	8,069	3,689	7,376	3,263
80	D	91.532	99.138	7.606	12,700	3,553	12,852	3,367	12,903	3,407	12,554	3,339
80	D	99.138	102.358	3.200	10,084	3,508	10,225	3,315	10,181	3,439	10,318	3,470
80	D	102.358	103.819	1.461	8,531	3,535	8,592	3,339	8,568	3,339	8,675	3,731
80	D	103.819	104.825	1.006	8,510	3,547	8,604	3,342	8,750	3,328	8,915	3,786
80	D	104.825	107.056	2.231	7,686	3,465	7,771	3,358	7,903	3,335	7,888	3,628
80	D	107.056	111.161	4.105	6,783	3,351	6,905	3,366	6,869	3,340	7,073	3,400
80	D	111.161	122.272	11.111	6,653	3,348	6,733	3,340	6,760	3,324	6,620	3,164
80	D	122.272	130.840	8.568	6,526	3,342	6,604	3,006	6,630	3,031	6,490	3,102
80	D	130.840	136.958	6.118	6,047	3,273	6,120	2,786	6,144	2,809	5,999	2,867
80	D	136.958	139.509	2.551	5,978	3,271	6,050	2,754	6,074	2,777	5,924	2,832
80	D	139.509	142.170	2.661	5,978	3,272	6,050	2,754	6,074	2,777	5,924	2,832
80	D	142.170	146.848	4.678	5,939	3,272	6,010	2,736	6,034	2,759	5,878	2,810
80	D	146.848	150.807	3.959	5,901	3,269	5,972	2,718	5,996	2,742	5,844	2,793
80	D	150.807	152.455	1.648	5,901	3,270	5,972	2,718	5,996	2,742	5,844	2,793
80	D	152.455	154.055	1.600	5,812	3,261	5,882	2,677	5,906	2,701	5,749	2,748
80	D	154.055	156.025	1.970	5,812	3,260	5,882	2,677	5,906	2,701	5,749	2,748
80	D	156.025	158.545	2.520	5,812	3,260	5,882	2,677	5,906	2,701	5,749	2,748
80	D	158.545	165.582	7.037	5,812	3,257	5,882	2,677	5,906	2,701	5,744	2,746
80	D	165.582	170.676	5.094	5,871	3,293	5,941	2,704	5,965	2,728	5,774	2,760
80	D	170.676	173.413	2.737	5,871	3,296	5,941	2,704	5,965	2,728	5,789	2,767
80	D	173.413	184.288	10.875	6,086	3,377	6,159	2,804	6,184	2,819	6,005	2,870
80	D	184.288	187.204	2.916	6,066	3,372	6,139	2,794	6,164	2,877	5,984	2,860
80	D	187.204	196.157	8.953	6,193	3,340	6,267	2,853	6,292	2,885	6,109	2,920
80	D	196.157	199.051	2.894	6,203	3,343	6,277	2,857	6,313	2,887	6,124	3,279
80	D	199.051	201.164	2.113	6,213	3,343	6,288	2,862	6,313	2,887	6,124	3,279
80	D	201.164	204.175	3.011	6,223	3,348	6,298	2,867	6,323	2,891	6,140	3,287
80	D	204.175	206.182	2.007	6,233	3,346	6,308	2,871	6,333	2,896	6,150	3,292
80	D	206.182	209.459	3.277	5,751	3,105	6,298	2,864	5,928	2,891	6,202	3,341
80	D	209.459	211.780	2.321	6,418	3,165	6,495	2,956	6,521	2,982	6,520	3,491
80	D	211.780	214.111	2.271	6,337	3,000	6,407	2,074	6,516	2,122	6,569	3,517
80	D	214.111	215.570	1.459	6,859	3,000	6,934	2,245	7,052	2,245	7,047	3,773
80	D	215.570	219.594	4.024	7,357	3,126	7,445	3,389	7,475	3,389	7,472	4,000
80	D	219.594	221.926	2.332	5,988	3,034	6,060	2,758	6,084	2,782	6,190	3,314
80	D	221.926	228.341	6.415	5,911	3,029	5,982	2,723	6,006	2,746	6,000	3,212
80	D	228.341	235.228	6.887	5,871	3,033	5,941	2,704	5,965	2,728	5,954	3,188
80	D	235.228	238.155	2.927	5,012	2,887	5,072	2,889	5,092	2,328	5,093	2,843
80	D	238.155	255.602	17.447	5,002	2,886	5,062	2,889	5,082	2,324	5,083	2,838

		MILEPOST			2011		2012		2013		2014	
ROUTE	DIR	BEGIN	END	LENGTH	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS
80	D	255.602	260.232	4.630	5,079	2,964	5,140	2,917	5,161	2,360	5,173	2,888
80	D	260.232	267.186	6.954	5,079	2,962	5,140	2,915	5,161	2,360	5,178	2,891
80	D	267.186	272.056	4.870	5,089	2,973	5,150	2,915	6,171	2,365	5,178	2,891
80	D	272.056	279.859	7.803	5,109	2,970	5,170	2,918	5,191	2,374	5,188	2,896
80	D	279.859	280.901	1.042	5,109	2,970	5,170	2,918	5,191	2,374	5,188	2,896
80	D	280.901	290.438	9.537	5,109	2,970	5,170	2,918	5,191	2,374	5,188	2,896
80	D	290.438	297.663	7.225	5,109	2,969	5,170	2,957	5,191	2,555	5,188	2,896
80	D	297.663	310.452	12.789	5,234	2,944	5,274	2,970	5,321	2,957	5,423	3,045
80	D	310.452	310.840	0.388	3,732	2,018	3,773	1,221	3,837	1,250	3,660	1,162
80	D	310.840	311.756	0.916	5,965	2,921	6,031	1,952	6,134	1,998	6,106	2,009
80	D	311.756	313.191	1.435	8,580	2,915	8,674	2,808	8,821	2,873	8,993	2,989
80	D	313.191	316.702	3.511	6,839	2,324	6,914	2,238	7,032	2,290	7,084	2,382
80	D	316.702	323.049	6.347	6,721	3,127	6,802	3,096	6,829	3,123	6,856	3,177
80	D	323.049	329.316	6.267	6,165	2,868	6,239	2,840	6,821	2,958	6,761	2,800
80	D	329.316	335.106	5.790	6,145	2,859	6,219	2,831	6,686	2,945	6,288	2,944
80	D	335.106	336.609	1.503	6,165	2,868	6,239	2,840	6,680	2,960	6,682	2,800
80	D	336.609	339.317	2.708	6,165	2,868	6,239	2,840	6,680	2,960	6,682	2,800
80	D	339.317	342.560	3.243	6,223	2,895	6,298	2,867	6,741	2,967	6,677	3,094
80	D	342.560	345.501	2.941	6,310	2,936	6,386	2,907	6,699	3,007	6,766	3,135
80	D	345.501	348.363	2.862	6,340	2,950	6,416	2,921	6,600	3,021	6,718	3,113
80	D	348.363	357.680	9.317	6,409	2,889	6,336	2,928	6,468	3,028	6,720	3,114
80	D	357.680	359.076	1.396	7,053	3,282	7,138	3,249	7,167	3,277	7,122	3,300
80	D	359.076	359.599	0.523	6,535	3,041	6,613	3,010	6,639	3,035	6,506	3,125
80	D	359.599	362.037	2.438	8,821	2,997	8,918	2,887	9,070	2,954	9,062	4,199
80	D	362.037	364.000	2.013	8,520	2,895	8,614	2,789	8,760	2,853	8,673	4,019
80	D	364.000	367.424	3.424	5,894	2,411	5,959	2,350	6,060	2,402	6,136	2,843
80	D	367.424	370.394	2.970	4,968	2,201	5,023	2,121	5,108	2,203	5,148	2,385
80	D	370.394	377.353	6.959	4,718	2,133	4,770	2,028	4,851	2,190	5,050	2,236
80	D	377.353	386.389	9.036	4,598	2,120	4,502	2,015	4,629	2,179	4,764	2,214
80	D	386.389	391.385	4.996	4,461	2,117	4,506	2,013	4,506	2,168	4,535	2,279
80	D	391.385	401.456	10.071	4,154	2,069	3,825	1,909	4,409	2,001	4,402	2,227
80	D	401.456	402.780	1.323	3,702	2,024	3,739	1,889	3,739	1,989	3,737	2,000
25	I	0.000	2.662	2.662	9,606	1,752	9,798	1,762	10,032	1,875	10,452	1,967
25	I	2.662	7.030	4.368	9,475	1,830	9,579	1,776	10,042	1,890	10,213	1,982
25	I	7.030	7.853	0.823	9,475	1,830	9,579	1,776	10,042	1,890	10,213	1,982
25	I	7.853	8.844	0.991	11,306	1,210	11,430	2,212	11,624	2,212	11,822	2,301
25	I	8.844	9.140	0.296	10,360	1,930	10,474	1,422	10,652	1,422	10,833	1,502
25	I	9.140	10.586	1.446	9,184	1,062	9,285	1,328	9,443	1,328	9,604	1,408
25	I	10.586	11.239	0.653	10,190	1,202	10,302	1,341	10,477	1,341	10,655	1,421
25	I	11.239	12.697	1.458	10,693	1,252	10,811	1,307	10,995	1,307	11,182	1,387
25	I	12.697	13.834	1.137	7,153	881	7,580	964	7,544	964	7,815	1,023
25	I	13.834	16.230	2.396	4,934	762	5,126	918	5,270	918	5,486	1,018
25	I	16.230	17.236	1.006	4,510	842	4,643	877	4,615	877	4,971	1,011
25	I	17.236	21.318	4.082	3,579	692	3,653	729	3,658	731	3,916	803
25	I	21.318	25.452	4.124	3,358	694	3,489	730	3,587	732	3,734	752
25	I	25.452	29.512	4.060	3,348	692	3,479	729	3,576	731	3,723	745
25	I	29.512	34.440	4.928	3,326	688	3,456	728	3,553	729	3,699	741
25	I	34.440	39.235	4.795	3,316	686	3,445	727	3,541	728	3,686	735
25	I	39.235	47.151	7.916	3,266	675	3,393	726	3,488	727	3,631	727
25	I	47.151	47.248	0.097	3,276	677	3,404	728	3,488	729	3,631	723
25	I	47.248	54.590	7.342	3,213	664	3,338	714	3,431	715	3,572	707
25	I	54.590	57.649	3.059	2,976	615	3,092	662	3,179	663	3,309	710
25	I	57.649	65.253	7.604	3,111	643	3,232	692	3,292	693	3,427	716
25	I	65.253	66.200	0.947	3,111	643	3,232	692	3,322	693	3,458	715
25	I	66.200	68.454	2.254	3,172	656	3,296	705	3,322	707	3,458	717
25	I	68.454	70.621	2.167	3,172	656	3,296	705	3,329	707	3,465	727
25	I	70.621	73.025	2.404	3,162	654	3,285	703	3,377	705	3,515	759
25	I	73.025	78.600	5.575	3,285	679	3,413	730	3,509	739	3,653	742
25	I	78.600	79.250	0.650	3,285	679	3,413	730	2,206	739	2,297	715
25	I	79.250	80.853	1.603	3,203	662	3,328	712	3,294	726	3,429	761
25	I	80.853	84.744	3.841	3,358	694	3,489	747	3,587	763	3,734	753
25	I	84.744	87.505	2.761	3,316	686	3,445	737	3,541	754	3,686	750
25	I	87.505	92.371	4.866	3,296	681	3,425	733	3,521	750	3,665	763
25	I	92.371	94.825	2.454	3,358	694	3,489	747	3,587	763	3,734	755
25	I	94.825	100.125	5.300	3,224	667	3,350	717	3,544	741	3,686	766
25	I	100.125	104.043	3.918	3,306	684	3,435	729	3,531	753	3,676	863
25	I	104.043	111.675	7.592	3,193	660	3,318	728	3,588	751	3,735	899
25	I	111.675	120.817	9.142	3,429	758	3,550	832	3,583	856	3,893	925
25	I	120.817	126.467	5.650	3,429	758	3,550	832	3,583	856	3,893	925
25	I	126.467	135.472	9.005	3,924	811	4,077	872	4,191	900	4,363	975
25	I	135.472	140.101	4.629	3,285	679	3,413	730	3,509	753	3,653	828
25	I	140.101	146.003	5.902	4,038	835	4,195	898	4,312	925	4,489	1,000
25	I	146.003	150.442	4.439	4,141	856	4,302	921	4,422	950	4,603	1,025
25	I	150.442	151.166	0.724	4,141	856	4,302	921	4,422	950	4,603	1,025

		MILEPOST			2011		2012		2013		2014	
ROUTE	DIR	BEGIN	END	LENGTH	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS
25	I	151.166	154.237	3.071	4,151	858	4,313	923	4,434	952	4,616	1,028
25	I	154.237	156.178	1.941	4,109	850	4,269	914	4,389	942	4,569	1,018
25	I	156.178	160.871	4.693	4,109	850	4,269	914	4,389	942	4,569	1,018
25	I	160.871	165.909	5.038	4,068	841	4,227	905	4,345	933	4,523	1,000
25	I	165.909	175.102	9.193	3,996	826	4,412	825	4,527	854	4,935	937
25	I	175.102	182.060	6.958	3,996	826	4,412	825	4,527	854	4,935	937
25	I	182.060	182.530	0.470	3,996	826	4,412	825	4,527	854	4,935	937
25	I	182.530	185.354	2.824	5,441	832	5,501	832	5,595	961	5,690	1,193
25	I	185.354	186.452	1.098	8,168	1,228	8,258	1,228	8,398	1,228	8,541	1,308
25	I	186.452	186.785	0.333	7,564	1,138	7,647	1,138	7,777	1,138	7,909	1,354
25	I	186.785	187.527	0.742	10,059	1,512	10,170	1,512	10,343	1,512	10,519	1,580
25	I	187.527	188.185	0.658	10,261	1,542	10,374	1,542	10,550	1,542	10,729	1,610
25	I	188.185	188.600	0.445	9,093	1,358	9,193	1,358	9,349	1,358	9,508	1,403
25	I	188.600	189.507	0.907	6,951	1,038	7,027	1,038	7,146	1,038	7,267	1,069
25	I	189.507	191.644	2.137	4,254	668	4,420	946	4,544	946	4,730	1,007
25	I	191.644	194.339	2.695	2,801	650	3,107	759	3,140	734	3,374	791
25	I	194.339	197.522	3.183	2,801	650	3,107	759	3,140	734	3,374	791
25	I	197.522	210.412	12.890	2,647	547	2,750	550	2,827	550	2,943	604
25	I	210.412	216.605	6.193	1,710	392	1,777	387	1,827	387	1,902	390
25	I	216.605	223.780	7.695	1,586	372	1,648	353	1,694	353	1,763	363
25	I	223.780	227.985	4.205	1,700	390	1,766	378	1,815	378	1,889	381
25	I	227.985	234.852	6.867	1,668	386	1,733	371	1,782	371	1,855	374
25	I	234.852	235.375	0.523	1,668	386	1,733	371	1,782	371	1,855	374
25	I	235.375	246.560	11.185	1,668	386	1,733	371	1,782	371	1,855	374
25	I	246.560	249.688	3.128	1,690	388	1,756	376	1,805	376	1,879	379
25	I	249.688	253.670	3.982	1,596	374	1,658	355	1,704	355	1,774	359
25	I	253.670	254.254	0.584	1,596	374	1,658	355	1,704	355	1,774	359
25	I	254.254	265.476	11.202	1,555	366	1,616	364	1,661	364	1,729	365
25	I	265.476	280.177	14.701	1,503	367	1,562	391	1,606	308	1,672	365
25	I	280.177	291.077	10.900	1,503	367	1,515	393	1,510	382	1,552	387
25	I	291.077	298.024	6.947	1,473	354	1,530	380	1,573	370	1,637	375
25	I	298.024	299.321	1.297	1,298	324	1,349	289	1,387	275	1,444	280
25	I	299.321	300.530	1.224	1,380	338	1,434	307	1,474	286	1,534	301
25	D	0.000	2.662	2.662	9,405	1,609	9,625	1,650	9,734	1,749	10,300	1,879
25	D	2.662	7.030	4.368	8,580	1,508	8,674	1,660	9,710	1,759	10,100	1,874
25	D	7.030	7.853	0.823	8,580	1,508	8,674	1,660	9,710	1,759	10,100	1,874
25	D	7.853	8.844	0.991	10,693	2,000	10,811	2,460	10,995	2,460	11,182	2,452
25	D	8.844	9.140	0.296	9,265	1,920	9,367	1,340	9,526	1,340	9,688	1,502
25	D	9.140	10.586	1.446	9,063	1,080	9,163	1,174	9,319	1,174	9,477	1,218
25	D	10.586	11.239	0.653	10,592	1,310	9,997	1,203	10,167	1,203	10,340	1,331
25	D	11.239	12.697	1.458	11,527	1,380	10,027	1,188	10,197	1,188	10,370	1,359
25	D	12.697	13.834	1.137	7,153	889	7,580	1,217	8,172	1,217	7,815	1,060
25	D	13.834	16.230	2.396	5,249	868	5,618	1,202	5,775	1,202	6,012	1,018
25	D	16.230	17.236	1.006	4,486	774	4,717	826	4,699	832	5,037	953
25	D	17.236	21.318	4.082	3,511	626	3,619	649	3,641	658	3,866	738
25	D	21.318	25.452	4.124	3,379	699	3,511	718	3,609	718	3,757	752
25	D	25.452	29.512	4.060	3,326	688	3,456	717	3,553	717	3,699	745
25	D	29.512	34.440	4.928	3,306	684	3,435	714	3,531	714	3,676	741
25	D	34.440	39.235	4.795	3,266	675	3,393	718	3,488	718	3,631	735
25	D	39.235	47.151	7.916	3,245	671	3,372	722	3,466	722	3,608	727
25	D	47.151	47.248	0.097	3,245	671	3,372	722	3,466	722	3,608	723
25	D	47.248	54.590	7.342	3,266	675	3,393	726	3,488	726	3,631	707
25	D	54.590	57.649	3.059	3,172	656	3,296	705	3,388	705	3,527	710
25	D	57.649	65.253	7.604	3,276	677	3,404	728	3,499	728	3,642	714
25	D	65.253	66.200	0.947	3,306	684	3,435	735	3,531	735	3,676	721
25	D	66.200	68.454	2.254	3,296	681	3,425	733	3,521	733	3,665	721
25	D	68.454	70.621	2.167	3,306	684	3,435	735	3,531	735	3,676	717
25	D	70.621	73.025	2.404	3,348	692	3,479	744	3,576	744	3,723	724
25	D	73.025	78.590	5.565	3,513	726	3,650	781	3,752	781	3,906	764
25	D	78.590	79.250	0.660	3,513	726	3,650	781	2,510	781	2,613	762
25	D	79.250	80.853	1.603	3,348	692	3,479	744	3,501	744	3,645	727
25	D	80.853	84.744	3.841	3,326	688	3,456	740	3,691	770	3,842	736
25	D	84.744	87.505	2.761	3,245	671	3,372	722	3,667	752	3,817	745
25	D	87.505	92.371	4.866	3,101	641	3,222	689	3,652	719	3,802	763
25	D	92.371	94.825	2.454	3,172	656	3,296	705	3,583	735	3,730	755
25	D	94.825	100.125	5.300	3,152	652	3,275	701	3,482	731	3,625	766
25	D	100.125	104.043	3.918	3,121	645	3,243	745	3,442	775	3,583	863
25	D	104.043	111.675	7.592	3,111	643	3,232	745	3,516	775	3,660	863
25	D	111.675	120.817	9.142	3,343	688	3,493	767	3,519	793	3,815	844

		MILEPOST			2011		2012		2013		2014	
ROUTE	DIR	BEGIN	END	LENGTH	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS
25	D	120.817	126.467	5.650	3,343	688	3,493	767	3,519	793	3,815	844
25	D	126.467	135.472	9.005	3,955	818	4,109	879	4,224	907	4,397	955
25	D	135.472	140.101	4.629	3,718	769	3,863	827	3,971	853	4,134	904
25	D	140.101	146.003	5.902	3,996	826	4,152	888	4,268	916	4,443	968
25	D	146.003	150.442	4.439	3,965	820	4,120	882	4,235	909	4,409	959
25	D	150.442	151.166	0.724	3,945	816	4,099	877	4,214	905	4,387	954
25	D	151.166	154.237	3.071	3,924	811	4,077	872	4,191	900	4,364	951
25	D	154.237	156.178	1.941	3,955	818	4,109	879	4,224	899	4,397	950
25	D	156.178	160.871	4.693	3,955	818	4,109	879	4,224	899	4,397	950
25	D	160.871	165.909	5.038	3,934	813	4,087	875	4,201	895	4,373	945
25	D	165.909	175.102	9.193	4,028	833	4,412	869	4,523	896	4,907	993
25	D	175.102	182.060	6.958	4,028	833	4,412	869	4,523	896	4,907	993
25	D	182.060	182.530	0.470	4,028	833	4,412	869	4,523	896	4,907	993
25	D	182.530	185.354	2.824	5,995	894	6,061	894	6,164	911	6,269	1,193
25	D	185.354	186.452	1.098	8,188	1,222	8,278	1,222	8,419	1,222	8,562	1,308
25	D	186.452	186.785	0.333	7,584	1,132	7,667	1,132	7,797	1,132	7,930	1,354
25	D	186.785	187.527	0.742	9,907	1,458	10,016	1,458	10,186	1,458	10,359	1,580
25	D	187.527	188.185	0.658	10,411	1,554	10,526	1,554	10,705	1,554	10,887	1,610
25	D	188.185	188.340	0.185	10,491	1,566	10,606	1,566	10,786	1,566	10,969	1,626
25	D	188.340	188.600	0.260	10,271	1,532	10,384	1,532	10,561	1,532	10,741	1,601
25	D	188.600	189.507	0.907	7,011	1,046	7,088	1,046	7,208	1,046	7,331	1,098
25	D	189.507	191.644	2.137	3,883	803	4,034	863	4,147	863	4,317	969
25	D	191.644	194.339	2.695	2,761	571	3,024	644	3,064	693	3,307	769
25	D	194.339	197.522	3.183	2,761	571	3,024	644	3,064	693	3,307	769
25	D	197.522	210.412	12.890	2,493	515	2,590	540	3,663	555	2,772	604
25	D	210.412	216.605	6.193	1,668	345	1,733	375	1,782	375	1,855	390
25	D	216.605	223.780	7.695	1,679	347	1,744	373	1,793	373	1,867	388
25	D	223.780	227.985	4.205	1,658	343	1,723	369	1,771	369	1,844	381
25	D	227.985	234.852	6.867	1,576	326	1,637	350	1,694	350	1,763	365
25	D	234.852	235.375	0.523	1,586	328	1,648	353	1,694	353	1,763	367
25	D	235.375	246.560	11.185	1,566	324	1,627	348	1,673	348	1,742	363
25	D	246.560	249.688	3.128	1,525	315	1,584	339	1,628	339	1,695	369
25	D	249.688	253.670	3.982	1,513	313	1,572	336	1,616	336	1,682	359
25	D	253.670	254.254	0.584	1,513	313	1,572	336	1,616	336	1,682	359
25	D	254.254	265.476	11.202	1,483	307	1,541	330	1,584	330	1,649	365
25	D	265.476	280.177	14.701	1,432	296	1,488	335	1,530	335	1,593	365
25	D	280.177	291.077	10.900	1,439	292	1,439	338	1,442	333	1,484	336
25	D	291.077	298.024	6.947	1,411	292	1,466	338	1,507	333	1,569	337
25	D	298.024	299.321	1.297	1,246	258	1,295	277	1,331	279	1,386	281
25	D	299.321	300.530	1.224	1,329	275	1,381	296	1,420	300	1,478	280
90	I	0.000	1.794	1.794	1,940	529	1,949	517	1,911	506	1,979	513
90	I	1.794	9.882	8.088	1,938	529	1,970	517	1,932	506	1,983	513
90	I	9.882	14.618	6.766	3,300	564	3,290	547	3,227	537	3,312	537
90	I	14.618	16.341	1.723	3,618	618	3,607	600	3,538	590	3,599	592
90	I	16.341	20.922	4.581	3,677	628	3,666	610	3,596	600	3,653	603
90	I	20.922	23.150	2.228	3,903	749	3,666	610	4,013	600	4,066	603
90	I	23.150	25.298	2.148	5,321	801	3,946	780	5,471	770	5,212	771
90	I	25.298	33.598	8.300	3,509	662	5,380	601	3,432	692	3,376	689
90	I	33.598	37.155	3.557	3,409	635	3,498	582	3,334	573	3,287	573
90	I	37.155	41.958	4.803	3,350	635	3,498	582	3,277	573	3,581	573
90	I	41.958	44.687	2.729	3,350	572	3,399	565	3,277	555	3,581	555
90	I	44.687	47.705	3.018	3,519	582	3,340	556	3,441	546	3,539	546
90	I	47.705	51.362	3.657	3,499	538	3,489	580	3,423	580	3,501	580
90	I	51.362	53.834	2.472	3,539	531	3,528	587	3,461	587	3,501	596
90	I	53.834	56.357	2.523	3,488	530	3,514	613	3,470	602	3,547	624
90	I	56.357	56.846	0.489	2,147	368	2,141	356	2,100	368	2,567	380
90	I	56.846	58.653	1.807	766	187	764	127	749	131	801	140
90	I	58.653	65.975	7.322	1,670	267	1,665	277	1,633	286	1,685	284
90	I	65.975	69.641	3.666	1,601	274	1,596	265	1,566	274	1,603	271
90	I	69.641	73.013	3.372	1,601	274	1,596	265	1,566	274	1,603	271
90	I	73.013	77.914	4.901	1,580	270	1,575	262	1,545	271	1,583	267
90	I	77.914	82.828	4.914	1,660	284	1,655	275	1,624	284	1,636	276
90	I	82.828	88.673	5.845	1,760	359	1,755	292	1,722	302	1,778	300
90	I	88.673	91.491	2.818	1,868	358	1,862	310	1,827	320	1,836	319
90	I	91.491	96.012	4.521	1,918	357	1,912	318	1,876	329	1,890	335
90	I	96.012	102.521	6.509	1,918	358	1,912	318	1,876	329	1,890	335
90	I	102.521	106.139	3.618	2,008	360	2,002	333	1,964	344	1,983	335
90	I	106.139	113.967	7.828	2,167	350	2,160	359	2,119	366	2,133	360
90	I	113.967	116.237	2.270	2,415	351	2,408	401	2,130	407	2,135	362

		MILEPOST			2011		2012		2013		2014	
ROUTE	DIR	BEGIN	END	LENGTH	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS
90	I	116.237	124.264	8.027	2,285	361	2,186	314	2,179	320	2,167	326
90	I	124.264	126.387	2.123	4,496	435	4,545	401	4,535	401	4,638	401
90	I	126.387	128.090	1.703	4,315	468	4,362	432	4,302	432	4,184	432
90	I	128.090	129.104	1.014	4,507	493	4,557	469	4,497	469	4,433	469
90	I	129.104	132.991	3.887	5,129	567	5,114	533	5,017	513	4,812	513
90	I	132.991	141.237	8.316	3,657	497	3,722	471	3,611	451	3,956	505
90	I	141.237	147.446	6.209	3,687	632	3,676	611	3,606	591	3,487	465
90	I	147.446	153.412	5.966	3,687	632	3,676	611	3,606	591	3,487	465
90	I	153.412	154.686	1.274	2,465	423	2,458	409	2,411	402	2,563	453
90	I	154.686	160.658	5.972	1,928	330	1,922	320	1,885	311	1,889	357
90	I	160.658	165.677	5.019	1,948	334	1,942	323	1,905	313	1,904	359
90	I	165.677	172.092	6.415	1,849	317	1,843	307	1,808	297	2,389	373
90	I	172.092	178.916	6.834	1,859	319	1,853	308	1,818	298	1,827	398
90	I	178.916	185.733	6.817	1,876	329	1,899	864	1,907	382	2,389	413
90	I	185.733	187.533	1.800	2,206	378	2,199	366	2,157	357	2,166	383
90	I	187.533	188.998	1.465	3,042	521	3,033	504	2,975	499	2,922	478
90	I	188.998	191.916	2.918	2,713	465	2,705	450	2,645	437	2,615	411
90	I	191.916	199.310	7.394	2,624	450	2,616	435	2,650	413	2,596	393
90	I	199.310	205.895	6.585	2,605	447	2,597	432	2,658	411	2,679	387
90	I	205.895	207.140	1.244	2,687	407	2,770	392	2,996	399	3,124	391
90	D	0.000	1.794	1.794	1,878	480	1,942	447	1,833	441	1,888	451
90	D	1.794	9.882	8.088	1,873	480	1,886	447	1,850	441	1,891	451
90	D	9.882	14.618	6.766	3,459	593	3,449	574	3,383	574	3,312	569
90	D	14.618	16.341	1.723	3,727	639	3,716	618	3,645	618	3,599	620
90	D	16.341	20.922	4.581	3,778	393	3,767	627	3,695	627	3,653	631
90	D	20.922	23.150	2.228	3,872	521	3,915	1,267	3,982	796	4,066	803
90	D	23.150	25.298	2.148	4,648	636	4,699	1,521	4,779	892	5,212	871
90	D	25.298	33.598	8.300	3,379	626	3,369	560	3,305	560	3,376	689
90	D	33.598	37.155	3.557	3,300	633	3,290	547	3,227	547	3,287	573
90	D	37.155	41.958	4.803	3,956	633	3,944	656	3,869	656	3,581	573
90	D	41.958	44.687	2.729	3,956	633	3,944	656	3,869	656	3,581	555
90	D	44.687	47.705	3.018	3,499	600	3,489	580	3,423	580	3,439	546
90	D	47.705	51.362	3.657	3,439	589	3,429	570	3,364	570	3,401	580
90	D	51.362	53.834	2.472	3,479	596	3,469	577	3,403	577	3,401	596
90	D	53.834	56.357	2.523	3,348	454	3,369	496	3,356	513	3,427	530
90	D	56.357	56.846	0.489	3,092	508	3,083	513	3,024	530	2,567	530
90	D	56.846	58.653	1.807	1,481	254	1,477	246	1,449	254	1,501	254
90	D	58.653	65.975	7.322	1,770	303	1,765	294	1,731	303	1,685	303
90	D	65.975	69.641	3.666	1,670	286	1,665	277	1,633	286	1,603	286
90	D	69.641	73.013	3.372	1,670	286	1,665	277	1,633	286	1,603	286
90	D	73.013	77.914	4.901	1,650	283	1,645	274	1,614	283	1,583	283
90	D	77.914	82.828	4.914	1,679	288	1,674	278	1,642	288	1,636	288
90	D	82.828	88.673	5.845	1,868	320	1,862	310	1,827	320	1,778	320
90	D	88.673	91.491	2.818	1,878	322	1,872	311	1,836	322	1,836	322
90	D	91.491	96.012	4.521	1,938	332	1,932	321	1,895	332	1,890	332
90	D	96.012	102.521	6.509	1,938	332	1,932	321	1,895	332	1,890	332
90	D	102.521	106.139	3.618	2,038	349	2,032	338	1,993	349	1,983	349
90	D	106.139	113.967	7.828	2,186	375	2,179	362	2,138	374	2,133	374
90	D	113.967	116.237	2.270	2,445	419	2,438	406	2,292	401	2,133	381
90	D	116.237	124.264	8.027	2,360	357	2,260	323	2,276	338	2,270	333
90	D	124.264	126.387	2.123	4,536	365	4,586	335	4,586	337	4,638	401
90	D	126.387	128.090	1.703	3,882	430	3,925	400	3,925	400	4,184	432
90	D	128.090	129.104	1.014	4,175	475	4,221	445	4,221	444	4,433	469
90	D	129.104	132.991	3.887	4,691	475	4,677	445	4,588	444	4,812	513
90	D	132.991	141.237	8.316	3,587	469	3,743	465	3,655	452	3,967	507
90	D	141.237	147.446	6.209	3,429	450	3,419	447	3,354	446	3,687	481
90	D	147.446	153.412	5.966	3,429	450	3,419	447	3,354	446	3,687	481
90	D	153.412	154.686	1.274	2,764	490	2,756	458	2,704	456	2,563	463
90	D	154.686	160.658	5.972	1,928	416	1,922	320	1,885	318	1,889	362
90	D	160.658	165.677	5.019	1,938	417	1,932	321	1,895	319	1,904	359
90	D	165.677	172.092	6.415	1,849	416	1,843	307	1,808	305	2,389	373
90	D	172.092	178.916	6.834	1,868	416	1,862	310	1,827	309	1,827	398
90	D	178.916	185.733	6.817	2,912	424	2,903	483	2,848	421	2,389	413
90	D	185.733	187.533	1.800	2,216	451	2,209	367	2,167	359	2,166	383
90	D	187.533	188.998	1.465	2,921	400	2,912	484	2,857	417	2,922	478
90	D	188.998	191.916	2.918	2,624	400	2,616	435	2,566	401	2,615	411
90	D	191.916	199.310	7.394	2,485	390	2,478	412	2,531	389	2,596	393
90	D	199.310	205.895	6.585	2,554	380	2,546	423	2,594	343	2,714	381
90	D	205.895	207.140	1.244	2,669	378	2,770	419	2,878	398	2,919	397

		MILEPOST			2011		2012		2013		2014	
ROUTE	DIR	BEGIN	END	LENGTH	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS
12	B	0.000	0.241	0.241	1,617	838	1,052	802	1,000	602	1,172	588
12	B	0.241	10.348	10.177	1,984	888	2,094	863	1,991	641	1,686	612
12	B	10.348	10.582	0.234	2,665	907	2,697	884	2,692	649	2,743	618
12	B	10.582	10.841	0.259	2,651	918	2,683	897	2,678	656	2,729	623
12	B	10.841	18.270	7.459	2,533	855	1,742	836	1,739	625	1,772	620
12	B	18.270	29.891	11.621	1,855	825	1,970	803	1,728	620	1,717	618
12	B	29.891	52.328	22.450	1,591	685	1,526	647	1,487	622	1,504	622
12	B	52.328	52.485	0.157	1,649	707	1,485	669	1,482	649	1,510	649
12	B	52.485	54.550	2.065	1,622	699	1,396	660	1,393	640	1,419	640
12	B	54.550	69.317	13.337	1,517	1,161	2,127	1,152	2,123	1,150	2,163	1,150
12	B	69.317	69.947	0.630	3,092	817	3,213	837	3,207	848	1,513	848
12	B	69.947	89.190	17.783	2,244	869	1,638	869	1,558	849	1,475	849
12	B	89.190	94.855	5.665	2,644	869	1,591	869	1,513	849	1,469	849
12	B	94.855	95.342	0.487	2,265	898	1,775	877	1,688	857	1,639	857
12	B	95.342	96.135	0.793	2,977	894	1,773	873	1,686	853	1,637	853
12	B	96.135	99.539	3.404	2,309	930	2,128	869	2,059	843	1,965	840
12	B	99.539	100.030	0.486	2,700	850	2,525	852	2,456	832	2,300	830
34	B	0.000	0.050	0.110	8,563	148	8,460	148	8,392	149	8,400	160
34	B	0.050	0.111	0.061	9,663	167	9,547	167	9,471	168	9,480	179
34	B	0.111	1.244	1.133	10,577	182	10,450	182	10,366	183	10,376	194
34	B	1.244	1.634	0.390	11,839	206	11,697	206	11,603	207	11,615	219
34	B	1.634	1.704	0.070	12,002	208	11,858	208	11,763	209	11,775	223
34	B	1.704	1.776	0.072	12,104	210	11,959	210	11,863	211	11,875	222
34	B	1.776	2.337	0.561	12,215	212	12,068	212	11,971	213	11,983	225
34	B	2.337	2.854	0.517	13,507	614	13,345	614	12,180	594	12,192	605
34	B	2.854	3.931	0.927	12,899	663	13,092	663	12,175	643	13,727	650
34	B	3.931	4.518	0.587	12,654	653	12,502	653	12,402	633	12,414	650
34	B	4.518	4.531	0.013	14,686	664	14,510	664	14,394	644	14,408	640
34	B	4.531	4.640	0.109	13,454	664	13,293	664	13,187	644	13,200	640
34	B	4.640	6.052	1.412	11,188	664	11,054	664	10,966	644	10,977	630
34	B	6.052	7.700	1.648	15,738	696	15,549	696	15,425	676	15,440	610
34	B	7.700	9.400	1.700	9,429	634	9,316	634	9,241	614	9,250	612
34	B	9.400	9.892	0.492	5,472	547	5,406	458	5,363	438	5,368	462
34	B	9.892	11.760	1.878	4,567	491	4,512	444	4,476	424	4,480	444
34	B	11.760	12.889	1.129	3,610	397	3,972	426	3,802	407	3,822	420
34	B	12.889	18.389	5.500	2,281	398	2,308	427	2,470	427	2,517	427
34	B	18.389	30.460	12.071	2,580	386	2,611	387	2,606	387	2,656	387
34	B	30.460	38.591	8.131	2,536	389	2,008	389	2,004	389	2,402	389
34	B	38.591	39.608	1.017	2,486	401	2,601	401	2,459	401	2,528	401
34	B	39.608	45.158	5.550	2,610	392	1,903	392	1,899	392	1,935	392
34	B	45.158	50.689	5.531	2,610	391	2,270	391	2,265	391	2,308	391
34	B	50.689	59.499	8.810	2,440	435	2,210	435	2,206	435	2,248	435
34	B	59.499	68.352	8.853	1,805	401	1,827	401	1,823	401	1,858	401
34	B	68.352	79.273	10.921	2,177	400	2,203	401	2,199	401	2,342	401
34	B	79.273	99.070	19.657	2,814	418	2,804	436	2,625	396	2,694	410
34	B	99.070	99.529	0.459	3,108	448	2,845	448	2,839	421	2,893	452
34	B	99.529	100.038	0.509	2,804	404	2,838	470	2,832	420	2,886	451
20	B	105.169	106.318	1.151	16,581	638	16,382	638	17,280	638	17,297	638
20	B	106.318	106.340	0.022	14,748	617	14,571	617	14,454	617	14,468	617
20	B	106.340	107.320	0.980	8,661	607	8,557	627	8,489	627	8,497	627
20	B	107.320	108.315	0.995	8,442	540	8,341	550	8,274	550	8,282	550
20	B	108.315	109.111	0.796	7,627	527	7,535	537	7,475	537	7,482	537
20	B	109.111	110.440	1.329	6,316	508	6,392	518	6,379	518	6,500	523
20	B	110.440	112.211	1.771	5,084	505	5,145	551	5,135	551	5,233	551
20	B	112.211	119.040	6.829	3,332	500	6,012	569	6,000	569	3,906	577
20	B	119.040	126.942	7.902	4,864	601	6,531	662	6,518	662	4,330	662
20	B	126.942	127.300	0.357	4,490	627	4,544	680	4,535	673	3,979	667
43	B	0.000	0.065	0.065	3,763	534	3,718	632	3,688	635	3,987	894
43	B	0.065	0.140	0.075	2,807	524	3,755	632	3,725	629	4,503	905
43	B	0.140	2.200	2.060	3,132	504	3,200	607	3,174	618	4,124	900
43	B	2.200	3.100	1.810	2,390	476	2,661	599	2,640	631	5,302	920
43	B	3.100	10.700	7.600	2,366	476	2,670	599	2,649	629	3,232	918
43	B	10.700	36.220	25.520	2,086	450	2,348	579	2,457	625	3,187	922
43	B	36.220	56.507	20.287	2,125	450	2,583	579	2,407	624	2,453	718
43	B	56.507	67.490	10.973	2,125	450	2,450	579	2,445	624	2,491	718
43	B	67.490	72.393	4.903	2,692	501	4,492	644	4,483	644	4,568	756
43	B	72.393	75.064	2.671	2,998	556	6,523	935	6,510	935	6,634	940
43	B	75.064	81.400	6.336	3,936	661	4,172	731	4,352	784	5,163	1,010
43	B	81.400	93.420	12.020	4,046	692	4,095	750	4,287	772	4,934	999

		MILEPOST			2011		2012		2013		2014	
ROUTE	DIR	BEGIN	END	LENGTH	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS	ALL VEH.	TRUCKS
43	B	93.420	102.370	8.930	4,059	800	4,108	800	4,358	822	5,058	980
43	B	102.370	106.097	3.727	5,601	838	5,595	812	5,890	834	6,656	985
43	B	106.097	106.860	0.763	6,982	860	7,066	840	7,352	845	7,492	991
43	B	106.860	106.950	0.090	7,912	860	7,817	840	8,054	845	8,062	991
43	B	106.950	107.970	1.020	5,043	860	7,982	840	8,218	845	8,226	990
43	B	107.970	109.720	1.750	16,070	860	15,877	840	16,050	845	16,066	959
43	B	109.720	110.600	0.880	17,988	870	17,772	850	17,930	854	17,948	953
43	B	110.600	111.440	0.840	20,582	900	20,335	880	20,630	888	20,651	947
43	B	111.440	112.160	0.720	32,039	1,020	31,655	1,000	31,402	1,000	31,433	1,158
43	B	112.160	112.240	0.080	29,983	730	29,623	710	29,386	710	29,415	718
43	B	112.240	112.780	0.540	27,705	480	27,373	480	27,154	480	27,181	478
43	B	112.780	113.098	0.318	14,282	480	20,795	480	20,629	480	20,650	478
43	B	113.098	113.950	0.852	9,170	671	9,060	671	8,988	671	8,997	611
43	B	113.950	114.270	0.320	9,902	724	9,783	724	5,680	724	5,686	724
43	B	114.270	114.855	0.585	9,902	724	11,689	724	5,785	724	5,791	724
43	B	114.855	115.412	0.557	11,275	825	11,140	825	5,656	825	5,662	825
43	B	115.412	117.863	2.451	9,998	731	9,878	731	5,518	731	5,524	731
43	B	117.863	118.650	0.787	4,374	421	4,322	421	4,287	421	4,291	421
43	B	118.650	120.440	1.790	2,188	320	2,162	400	2,145	340	2,147	340
43	B	120.440	121.800	2.300	1,864	299	1,781	372	1,606	310	1,808	357
43	B	121.800	122.620	0.820	1,864	299	1,781	372	1,606	310	1,808	357
43	B	122.620	135.600	12.980	1,083	200	1,082	130	1,073	125	1,090	153
43	B	135.600	143.888	8.288	521	100	520	62	800	62	810	86
43	B	143.888	155.388	11.500	463	90	463	56	772	56	784	77
43	B	155.388	170.110	14.719	429	90	429	52	636	52	646	61

Appendix 5. Horizontal Curves on Study Routes

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	12	B	4.012	29.48	1965	3819.071	3.826	4.198
ML	12	B	3.198	14.19	1892	7639.437	3.019	3.377
ML	12	B	2.23	9.45	1889	11453.093	2.051	2.409
ML	12	B	0.417	53.04	1408	1520.974	0.284	0.55
ML	12	B	10.252	2.78	555	11438.546	10.199	10.305
ML	12	B	9.873	2.41	723	17188.734	9.805	9.941
ML	12	B	8.81	8.9	890	5729.578	8.726	8.894
ML	12	B	8.329	26.97	1618	3437.322	8.176	8.482
ML	12	B	7.276	8.59	859	5729.578	7.195	7.357
ML	12	B	6.717	28.67	2606	5207.981	6.47	6.964
ML	12	B	6.284	8.78	878	5729.578	6.201	6.367
ML	12	B	15.231	19.9	1990	5729.578	15.043	15.419
ML	12	B	14.364	11.07	738	3819.719	14.294	14.434
ML	12	B	14.13	10.2	1020	5729.578	14.033	14.227
ML	12	B	13.397	1.67	333	11424.847	13.365	13.429
ML	12	B	12.751	23.07	769	1909.859	12.678	12.824
ML	12	B	12.467	6.04	259	2456.889	12.442	12.492
ML	12	B	12.081	10.86	362	1909.859	12.047	12.115
ML	12	B	11.613	22.05	735	1909.859	11.543	11.683
ML	12	B	21.188	5.3	227	2453.989	21.167	21.209
ML	12	B	20.567	11.67	389	1909.859	20.53	20.604
ML	12	B	19.974	11.13	371	1909.859	19.939	20.009
ML	12	B	19.013	10.11	337	1909.859	18.981	19.045
ML	12	B	18.552	10.56	528	2864.789	18.502	18.602
ML	12	B	18.079	5.13	220	2457.129	18.058	18.1
ML	12	B	17.47	13.83	461	1909.859	17.426	17.514
ML	12	B	17.121	9.83	983	5729.578	17.028	17.214
ML	12	B	16.827	17.66	883	2864.789	16.743	16.911
ML	12	B	15.694	30.36	1518	2864.789	15.55	15.838
ML	12	B	29.308	12.02	1205	5743.878	29.194	29.422
ML	12	B	28.007	2.98	597	11478.383	27.95	28.064
ML	12	B	27.339	8.99	900	5735.951	27.254	27.424
ML	12	B	26.662	6.49	1300	11476.813	26.539	26.785
ML	12	B	23.097	12.93	1292	5725.147	22.975	23.219
ML	12	B	21.651	12.32	1290	5999.315	21.529	21.773
ML	12	B	31.952	12.65	2530	11459.156	31.712	32.192
ML	12	B	30.595	46.07	3071	3819.304	30.304	30.886
ML	12	B	29.788	78.4	3484	2546.154	29.458	30.118
ML	12	B	33.371	23.48	1565	3818.905	33.223	33.519
ML	12	B	38.328	49.65	493	568.919	38.281	38.375
ML	12	B	37.797	50.35	893	1016.189	37.712	37.882
ML	12	B	37.436	25.35	714	1613.775	37.368	37.504
ML	12	B	36.914	33.6	360	613.883	36.88	36.948
ML	12	B	36.54	30.5	2033	3819.092	36.347	36.733
ML	12	B	35.578	10.8	1080	5729.578	35.476	35.68
ML	12	B	35.039	20.76	1186	3273.256	34.927	35.151
ML	12	B	34.281	2.65	1061	22939.933	34.181	34.381
ML	12	B	42.721	11.12	1483	7641.155	42.581	42.861
ML	12	B	41.672	6.23	2492	22918.312	41.436	41.908
ML	12	B	39.71	85.55	1503	1006.611	39.568	39.852
ML	12	B	38.976	128.07	2061	922.047	38.781	39.171
ML	12	B	38.638	69.8	896	735.487	38.553	38.723
ML	12	B	44.362	12.5	1666	7636.381	44.204	44.52
ML	12	B	45.948	37.74	1018	1545.498	45.852	46.044
ML	12	B	45.273	23.3	1553	3818.899	45.126	45.42
ML	12	B	51.586	30.83	3083	5729.578	51.294	51.878
ML	12	B	50.538	32.74	3274	5729.578	50.228	50.848
ML	12	B	49.973	16.58	829	2864.789	49.894	50.052
ML	12	B	49.168	28.92	2892	5729.578	48.894	49.442
ML	12	B	48.663	5.14	1027	11448.009	48.566	48.76
ML	12	B	47.431	22.93	2293	5729.578	47.214	47.648
ML	12	B	46.957	10.04	502	2864.789	46.909	47.005
ML	12	B	46.43	5.46	273	2864.789	46.404	46.456
ML	12	B	55.293	89.45	3578	2291.831	54.954	55.632
ML	12	B	54.629	21.2	1060	2864.789	54.529	54.729
ML	12	B	52.634	24.93	1542	3543.927	52.488	52.78

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	12	B	57.74	53.45	2138	2291.831	57.538	57.942
ML	12	B	58.464	15.5	1550	5729.578	58.317	58.611
ML	12	B	59.342	32.55	1302	2291.831	59.219	59.465
ML	12	B	59.651	21.24	1062	2864.789	59.55	59.752
ML	12	B	60.049	18.75	1875	5729.578	59.871	60.227
ML	12	B	60.63	16.55	3310	11459.156	60.317	60.943
ML	12	B	62.235	19.2	768	2291.831	62.162	62.308
ML	12	B	63.466	2.87	573	11439.192	63.412	63.52
ML	12	B	64.7	12	1200	5729.578	64.586	64.814
ML	12	B	65.218	29.7	2970	5729.578	64.937	65.499
ML	12	B	66.016	17.53	1753	5729.578	65.85	66.182
ML	12	B	67.154	18.63	1863	5729.578	66.978	67.33
ML	12	B	68.499	6.32	1263	11450.09	68.379	68.619
ML	12	B	69.665	3.7	740	11459.156	69.595	69.735
ML	12	B	70.364	22.9	2290	5729.578	70.147	70.581
ML	12	B	71.219	19.45	1945	5729.578	71.035	71.403
ML	12	B	75.317	20.45	4090	11459.156	74.93	75.704
ML	12	B	73.432	45.15	3612	4583.662	73.09	73.774
ML	12	B	77.493	27.9	2837	5826.098	77.224	77.762
ML	12	B	78.74	45.67	4492	5635.486	78.315	79.165
ML	12	B	80.029	1.99	797	22947.104	79.954	80.104
ML	12	B	84.504	39.47	4643	6739.911	84.064	84.944
ML	12	B	85.402	29.73	3641	7016.95	85.057	85.747
ML	12	B	86.24	24.9	3735	8594.367	85.886	86.594
ML	12	B	87.769	19.24	3847	11456.178	87.405	88.133
ML	12	B	89.057	10	2069	11854.497	88.861	89.253
ML	12	B	91.13	11.42	2283	11454.139	90.914	91.346
ML	12	B	92.662	12.47	3741	17188.734	92.308	93.016
ML	12	B	96.305	8.98	900	5742.339	96.22	96.39
ML	12	B	95.245	38.79	1777	2624.764	95.077	95.413
ML	12	B	97.747	25.01	1667	3818.955	97.589	97.905
ML	12	B	99.86	3	600	11459.156	99.803	99.917
ML	20	B	0.67	9.95	995	5729.578	0.576	0.764
ML	20	B	1.346	18.42	921	2864.789	1.259	1.433
ML	20	B	2.14	23.18	1159	2864.789	2.03	2.25
ML	20	B	2.756	9.89	659	3817.788	2.694	2.818
ML	20	B	3.971	19.5	975	2864.789	3.879	4.063
ML	20	B	4.94	5.3	1060	11459.156	4.84	5.04
ML	20	B	6.479	3.17	181	3271.462	6.462	6.496
ML	20	B	6.615	3.17	181	3271.462	6.598	6.632
ML	20	B	8.013	26.94	1347	2864.789	7.885	8.141
ML	20	B	10.758	20.01	307	879.051	10.729	10.787
ML	20	B	11.199	8.18	545	3817.384	11.147	11.251
ML	20	B	12.122	12.38	825	3818.176	12.044	12.2
ML	20	B	12.383	6.8	453	3816.91	12.34	12.426
ML	20	B	12.75	5.58	372	3819.719	12.715	12.785
ML	20	B	13.953	6.14	614	5729.578	13.895	14.011
ML	20	B	14.837	1.45	290	11459.156	14.81	14.864
ML	20	B	16.909	1.2	240	11459.156	16.886	16.932
ML	20	B	21.889	11.3	753	3818.028	21.818	21.96
ML	20	B	27.12	6.06	607	5739.033	27.063	27.177
ML	20	B	28.854	3.86	760	11281.034	28.782	28.926
ML	20	B	32.568	12.29	1229	5729.578	32.452	32.684
ML	20	B	34.797	6.14	409	3816.608	34.758	34.836
ML	20	B	38.864	26	3250	7161.972	38.556	39.172
ML	20	B	41.357	19.4	1293	3818.734	41.235	41.479
ML	20	B	43.56	51.26	2563	2864.789	43.317	43.803
ML	20	B	42.246	19.96	998	2864.789	42.151	42.341
ML	20	B	54.097	17.61	1761	5729.578	53.93	54.264
ML	20	B	52.228	77.5	2750	2033.076	51.968	52.488
ML	20	B	51.48	59.68	2704	2595.975	51.224	51.736
ML	20	B	50.242	25.78	1009	2242.492	50.146	50.338
ML	20	B	49.242	95.16	4798	2888.873	48.788	49.696
ML	20	B	47.784	66.98	6698	5729.578	47.15	48.418
ML	20	B	45.36	5.9	590	5729.578	45.304	45.416
ML	20	B	56.883	42.67	4246	5701.38	56.481	57.285
ML	20	B	58.622	1.29	1100	48856.866	58.518	58.726
ML	20	B	63.893	5.4	1080	11459.156	63.791	63.995
ML	20	B	62.938	46	4600	5729.578	62.502	63.374

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	20	B	60.227	23.17	2317	5729.578	60.008	60.446
ML	20	B	72.552	11.97	1197	5729.578	72.439	72.665
ML	20	B	72.112	36.9	2636	4092.999	71.862	72.362
ML	20	B	71.623	26.3	915	1993.37	71.536	71.71
ML	20	B	69.717	9.87	987	5729.578	69.624	69.81
ML	20	B	68.961	19.7	1313	3818.749	68.837	69.085
ML	20	B	68.345	30.83	733	1362.238	68.276	68.414
ML	20	B	67.881	80.01	1866	1336.257	67.704	68.058
ML	20	B	67.318	45.56	659	828.752	67.256	67.38
ML	20	B	66.726	50.64	786	889.307	66.652	66.8
ML	20	B	66.414	38.64	486	720.646	66.368	66.46
ML	20	B	66.13	32.48	332	585.659	66.099	66.161
ML	20	B	65.778	19.95	1995	5729.578	65.589	65.967
ML	20	B	64.724	4.2	1680	22918.312	64.565	64.883
ML	20	B	73.106	9.57	1913	11453.169	72.925	73.287
ML	20	B	78.844	57.3	5730	5729.578	78.301	79.387
ML	20	B	77.917	21.3	2130	5729.578	77.715	78.119
ML	20	B	75.448	28.48	5696	11459.156	74.909	75.987
ML	20	B	74.453	2.62	523	11437.287	74.403	74.503
ML	20	B	81.02	23.49	522	1273.24	80.971	81.069
ML	20	B	80.627	27.43	1371	2863.745	80.497	80.757
ML	20	B	80.322	28.21	1128	2291.019	80.215	80.429
ML	20	B	81.108	21.54	359	954.93	81.074	81.142
ML	20	B	81.231	23.22	516	1273.24	81.182	81.28
ML	20	B	81.537	3.19	319	5729.578	81.507	81.567
ML	20	B	81.907	6.87	687	5729.578	81.842	81.972
ML	20	B	82.45	16.4	1607	5614.288	82.298	82.602
ML	20	B	83.247	8.61	287	1909.859	83.22	83.274
ML	20	B	83.742	24.98	999	2291.372	83.647	83.837
ML	20	B	84.614	87.03	2551	1679.439	84.372	84.856
ML	20	B	86.86	12.06	1206	5729.578	86.746	86.974
ML	20	B	87.765	4.79	960	11483.079	87.674	87.856
ML	20	B	87.872	65.58	1766	1542.915	87.705	88.039
ML	20	B	89.18	22.48	2248	5729.578	88.967	89.393
ML	20	B	89.835	16.76	1117	3818.579	89.729	89.941
ML	20	B	90.311	6.2	1240	11459.156	90.194	90.428
ML	20	B	90.599	52	325	358.099	90.568	90.63
ML	20	B	90.515	81.51	929	653.021	90.427	90.603
ML	20	B	92.016	15	1200	4583.662	91.902	92.13
ML	20	B	92.839	47.02	1951	2377.373	92.654	93.024
ML	20	B	93.803	41.41	3313	4583.939	93.489	94.117
ML	20	B	95.064	29.18	2334	4582.877	94.843	95.285
ML	20	B	98.477	23.45	3127	7640.252	98.181	98.773
ML	20	B	99.844	19.31	2575	7640.426	99.6	100.088
ML	20	B	101.53	31.73	4232	7641.845	101.129	101.931
ML	20	B	103.865	23.63	788	1910.668	103.79	103.94
ML	20	B	104.557	39.98	999	1431.678	104.462	104.652
ML	20	B	104.279	40.2	1072	1527.887	104.177	104.381
ML	20	B	109.1	46.74	2337	2864.789	108.879	109.321
ML	20	B	110.524	1	298	17074.142	110.496	110.552
ML	20	B	111.185	5.33	1066	11459.156	111.084	111.286
ML	20	B	113.807	3.82	1145	17173.735	113.699	113.915
ML	20	B	114.735	3.09	462	8566.553	114.691	114.779
ML	20	B	116.56	8.82	1763	11452.66	116.393	116.727
ML	20	B	121.677	8.77	1753	11452.623	121.511	121.843
ML	20	B	127.067	21.61	1729	4584.193	126.903	127.231
ML	20	B	125.517	0.99	346	20024.586	125.484	125.55
ML	20	B	125.426	1.07	376	20133.844	125.39	125.462
ML	20	B	124.691	29.87	494	947.577	124.644	124.738
ML	20	B	124.472	1.22	426	20006.559	124.432	124.512
ML	20	B	123.876	28.59	533	1068.158	123.826	123.926
ML	20	B	122.378	53.62	2401	2565.594	122.151	122.605
ML	25	D	182.966	20.16	2687	7636.595	182.712	183.22
ML	25	D	181.429	37.98	3797	5728.069	181.069	181.789
ML	25	D	180.707	15.65	1565	5729.578	180.559	180.855
ML	25	D	186.33	32.18	1557	2772.204	186.183	186.477
ML	25	D	185.777	32.13	1428	2546.479	185.642	185.912
ML	25	D	186.711	32.25	1081	1920.519	186.609	186.813
ML	25	D	187.048	4.55	455	5729.578	187.005	187.091

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	25	D	187.368	6.94	1387	11450.9	187.237	187.499
ML	25	D	189.051	4.9	392	4583.662	189.014	189.088
ML	25	D	189.515	55.7	1353	1391.763	189.387	189.643
ML	25	D	189.83	7.86	786	5729.578	189.756	189.904
ML	25	D	195.328	8.32	832	5729.578	195.249	195.407
ML	25	D	206.415	5.48	548	5729.578	206.363	206.467
ML	25	D	207.714	5.39	1078	11459.156	207.612	207.816
ML	25	D	208.295	7.7	1540	11459.156	208.149	208.441
ML	25	D	209.787	34.83	2786	4583.004	209.523	210.051
ML	25	D	211.34	10.49	2108	11513.775	211.14	211.54
ML	25	D	213.315	26.03	2602	5727.377	213.069	213.561
ML	25	D	214.058	18.03	3615	11487.756	213.716	214.4
ML	25	D	214.81	4.7	1883	22954.884	214.632	214.988
ML	25	D	215.869	10.81	2168	11490.957	215.664	216.074
ML	25	D	217.095	6.58	2633	22927.019	216.846	217.344
ML	25	D	221.881	3.28	2282	39862.491	221.665	222.097
ML	25	D	226.172	3.28	3047	53225.683	225.883	226.461
ML	25	D	227.353	5.56	1112	11459.156	227.248	227.458
ML	25	D	229.406	10.37	1037	5729.578	229.308	229.504
ML	25	D	230.86	67.17	6717	5729.578	230.224	231.496
ML	25	D	231.885	19.34	967	2864.789	231.793	231.977
ML	25	D	232.599	36.9	1845	2864.789	232.424	232.774
ML	25	D	234.38	48.49	3879	4583.426	234.013	234.747
ML	25	D	238.445	7.75	1550	11459.156	238.298	238.592
ML	25	D	240.922	2.71	542	11459.156	240.871	240.973
ML	25	D	243.928	1.08	215	11406.104	243.908	243.948
ML	25	D	245.718	31.25	3125	5729.578	245.422	246.014
ML	25	D	247.049	15.9	2120	7639.437	246.848	247.25
ML	25	D	250.736	51.03	5103	5729.578	250.253	251.219
ML	25	D	253.78	32.65	3265	5729.578	253.471	254.089
ML	25	D	255.323	18.8	3760	11459.156	254.967	255.679
ML	25	D	257.381	25.32	2532	5729.578	257.141	257.621
ML	25	D	258.514	24.01	2401	5729.578	258.287	258.741
ML	25	D	259.358	13.8	2760	11459.156	259.097	259.619
ML	25	D	260.621	28.95	5790	11459.156	260.073	261.169
ML	25	D	262.534	8.83	883	5729.578	262.45	262.618
ML	25	D	268.816	12.22	1222	5729.578	268.7	268.932
ML	25	D	275.008	10.79	1079	5729.578	274.906	275.11
ML	25	D	279.097	15.62	3123	11455.488	278.801	279.393
ML	25	D	283.112	13.58	1358	5729.578	282.983	283.241
ML	25	D	290.936	18.52	1852	5729.578	290.761	291.111
ML	25	D	291.571	9.97	997	5729.578	291.477	291.665
ML	25	D	292.883	18.93	1893	5729.578	292.704	293.062
ML	25	D	294.328	10.33	1033	5729.578	294.23	294.426
ML	25	D	295.439	1.09	2183	114749.254	295.232	295.646
ML	25	D	296.752	11.24	1124	5729.578	296.646	296.858
ML	25	D	297.163	3.52	1407	22902.035	297.03	297.296
ML	25	D	297.904	10.42	2083	11453.657	297.707	298.101
ML	25	D	298.951	8.17	1633	11452.143	298.796	299.106
ML	25	D	299.906	2.18	435	11432.873	299.865	299.947
ML	25	D	6.81	40.67	8134	11459.156	6.04	7.58
ML	25	D	4.923	19.85	1984	5726.692	4.735	5.111
ML	25	D	4.877	6.58	1316	11459.156	4.752	5.002
ML	25	D	4.309	38.96	2297	3378.039	4.091	4.527
ML	25	D	2.704	8	1600	11459.156	2.552	2.856
ML	25	D	1.673	11.9	2379	11454.341	1.448	1.898
ML	25	D	10.09	33.3	3313	5700.328	9.776	10.404
ML	25	D	9.392	43.01	1876	2499.114	9.214	9.57
ML	25	D	11.183	8.4	1680	11459.156	11.024	11.342
ML	25	D	12.561	19.18	1046	3124.681	12.462	12.66
ML	25	D	12.152	11.58	1158	5729.578	12.042	12.262
ML	25	D	13.516	7.55	1510	11459.156	13.373	13.659
ML	25	D	18.527	13.99	2797	11455.06	18.262	18.792
ML	25	D	24.846	9.97	1993	11453.409	24.657	25.035
ML	25	D	27.695	5.1	1019	11447.921	27.599	27.791
ML	25	D	28.157	5.1	1019	11447.921	28.061	28.253
ML	25	D	32.011	18.23	3671	11537.729	31.663	32.359
ML	25	D	34.595	18.95	3765	11383.568	34.238	34.952
ML	25	D	37.853	22.23	4418	11386.988	37.435	38.271

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	25	D	39.028	4.05	805	11388.42	38.952	39.104
ML	25	D	40.066	4.09	817	11445.147	39.989	40.143
ML	25	D	47.441	1.46	438	17188.734	47.4	47.482
ML	25	D	49.255	3.53	705	11442.925	49.188	49.322
ML	25	D	50.344	37.46	1873	2864.789	50.167	50.521
ML	25	D	51.181	37.56	1878	2864.789	51.003	51.359
ML	25	D	58.284	16.54	1323	4582.97	58.159	58.409
ML	25	D	57.185	49.23	4923	5729.578	56.719	57.651
ML	25	D	55.932	31.26	2501	4584.029	55.695	56.169
ML	25	D	54.7	86.64	3932	2600.266	54.328	55.072
ML	25	D	52.874	28.77	3836	7639.437	52.511	53.237
ML	25	D	51.821	16.22	1622	5729.578	51.667	51.975
ML	25	D	58.952	19.13	1913	5729.578	58.771	59.133
ML	25	D	60.599	7.99	1597	11451.985	60.448	60.75
ML	25	D	64.75	26.75	2675	5729.578	64.497	65.003
ML	25	D	65.905	24.65	2465	5729.578	65.672	66.138
ML	25	D	67.627	15.5	1550	5729.578	67.48	67.774
ML	25	D	68.745	19.57	1957	5729.578	68.56	68.93
ML	25	D	70.307	24.69	1975	4583.198	70.12	70.494
ML	25	D	75.11	12.15	1215	5729.578	74.995	75.225
ML	25	D	74.157	7.92	792	5729.578	74.082	74.232
ML	25	D	72.049	10.7	2140	11459.156	71.846	72.252
ML	25	D	76.108	15.17	1517	5729.578	75.964	76.252
ML	25	D	80.89	39.43	3943	5729.578	80.517	81.263
ML	25	D	77.495	15.65	1565	5729.578	77.347	77.643
ML	25	D	82.909	16.34	2178	7637.1	82.703	83.115
ML	25	D	82.196	14.6	1460	5729.578	82.058	82.334
ML	25	D	84.568	21.92	2192	5729.578	84.36	84.776
ML	25	D	89.605	14.95	1495	5729.578	89.463	89.747
ML	25	D	86.831	10.25	1025	5729.578	86.734	86.928
ML	25	D	85.462	35.64	2376	3819.719	85.237	85.687
ML	25	D	92.965	12.66	1013	4584.568	92.869	93.061
ML	25	D	92.376	26	2080	4583.662	92.179	92.573
ML	25	D	91.844	13.34	1067	4582.803	91.743	91.945
ML	25	D	99.203	2.54	507	11436.599	99.155	99.251
ML	25	D	98.554	2.95	590	11459.156	98.498	98.61
ML	25	D	96.741	18.1	1810	5729.578	96.57	96.912
ML	25	D	96.231	39.81	2654	3819.719	95.98	96.482
ML	25	D	100.877	29.84	693	1330.629	100.811	100.943
ML	25	D	101.773	34.04	1926	3241.823	101.591	101.955
ML	25	D	102.574	18	1810	5761.409	102.403	102.745
ML	25	D	103.258	8.1	814	5757.872	103.181	103.335
ML	25	D	103.513	7.51	746	5691.432	103.442	103.584
ML	25	D	104.02	12.67	837	3785.049	103.941	104.099
ML	25	D	106.74	7.41	1482	11459.156	106.6	106.88
ML	25	D	107.928	3.08	617	11477.758	107.87	107.986
ML	25	D	108.599	3.64	729	11474.897	108.53	108.668
ML	25	D	119.368	15.09	3017	11455.359	119.082	119.654
ML	25	D	117.468	13.39	2677	11454.877	117.214	117.722
ML	25	D	116.275	9.6	1280	7639.437	116.154	116.396
ML	25	D	115.833	27.14	2171	4583.24	115.627	116.039
ML	25	D	115.065	17.57	1757	5729.578	114.899	115.231
ML	25	D	112.845	30.83	3083	5729.578	112.553	113.137
ML	25	D	112.072	4.45	890	11459.156	111.988	112.156
ML	25	D	110.552	33.09	2647	4583.316	110.301	110.803
ML	25	D	109.892	19.7	1576	4583.662	109.743	110.041
ML	25	D	134.173	13.7	2740	11459.156	133.914	134.432
ML	25	D	131.689	24.55	2455	5729.578	131.457	131.921
ML	25	D	130.605	3.35	1340	22918.312	130.478	130.732
ML	25	D	127.754	23.26	2326	5729.578	127.534	127.974
ML	25	D	126.432	14.07	1407	5729.578	126.299	126.565
ML	25	D	125.133	29.61	2369	4584.049	124.909	125.357
ML	25	D	123.273	26.3	2630	5729.578	123.024	123.522
ML	25	D	120.964	9	900	5729.578	120.879	121.049
ML	25	D	139.065	51.56	2298	2553.64	138.847	139.283
ML	25	D	138.089	43.15	3452	4583.662	137.762	138.416
ML	25	D	136.341	37.2	4960	7639.437	135.871	136.811
ML	25	D	139.829	82.3	3835	2669.858	139.466	140.192
ML	25	D	140.732	51.77	2958	3273.728	140.452	141.012

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	25	D	148.111	21.4	2140	5729.578	147.908	148.314
ML	25	D	146.085	17.15	1143	3818.605	145.977	146.193
ML	25	D	142.275	60.02	4001	3819.4	141.896	142.654
ML	25	D	158.488	16.67	1666	5726.141	158.33	158.646
ML	25	D	156.868	30.63	2041	3817.848	156.675	157.061
ML	25	D	153.387	12.81	3073	13744.725	153.096	153.678
ML	25	D	150.603	9.17	917	5729.578	150.516	150.69
ML	25	D	162.611	11.05	1105	5729.578	162.506	162.716
ML	25	D	166.357	10.99	1099	5729.578	166.253	166.461
ML	25	D	164.556	21.11	2111	5729.578	164.356	164.756
ML	25	D	173.985	9.69	1943	11488.72	173.801	174.169
ML	25	D	170.982	9.52	952	5729.578	170.892	171.072
ML	25	D	169.992	10.42	2089	11486.649	169.794	170.19
ML	25	D	168.759	6.5	1304	11494.415	168.636	168.882
ML	25	D	168.219	29.23	2009	3937.982	168.029	168.409
ML	25	D	184.346	17.98	3613	11513.329	184.004	184.688
ML	25	D	184.331	17.26	3451	11455.836	184.004	184.658
ML	25	D	184.317	16.63	3306	11390.249	184.004	184.63
ML	25	I	6.808	40.67	8134	11459.156	6.038	7.578
ML	25	I	4.923	19.85	1984	5726.692	4.735	5.111
ML	25	I	4.311	38.96	2297	3378.039	4.093	4.529
ML	25	I	3.692	6.58	1316	11459.156	3.567	3.817
ML	25	I	2.707	8	1600	11459.156	2.555	2.859
ML	25	I	1.672	11.9	2379	11454.341	1.447	1.897
ML	25	I	10.09	33.3	3313	5700.328	9.776	10.404
ML	25	I	9.392	43.01	1876	2499.114	9.214	9.57
ML	25	I	11.184	8.4	1680	11459.156	11.025	11.343
ML	25	I	12.561	19.18	1046	3124.681	12.462	12.66
ML	25	I	12.152	11.58	1158	5729.578	12.042	12.262
ML	25	I	13.517	7.55	1510	11459.156	13.374	13.66
ML	25	I	18.598	13.99	2797	11455.06	18.333	18.863
ML	25	I	24.947	9.97	1993	11453.409	24.758	25.136
ML	25	I	27.716	3.29	657	11441.741	27.654	27.778
ML	25	I	28.156	3.29	657	11441.741	28.094	28.218
ML	25	I	32.013	18.23	3671	11537.729	31.665	32.361
ML	25	I	34.596	18.95	3765	11383.568	34.239	34.953
ML	25	I	37.854	22.23	4418	11386.988	37.436	38.272
ML	25	I	39.028	4.05	805	11388.42	38.952	39.104
ML	25	I	40.065	4.09	817	11445.147	39.988	40.142
ML	25	I	47.493	1.46	438	17188.734	47.452	47.534
ML	25	I	49.264	3.53	705	11442.925	49.197	49.331
ML	25	I	50.359	37.46	1873	2864.789	50.182	50.536
ML	25	I	51.194	37.56	1878	2864.789	51.016	51.372
ML	25	I	58.283	16.54	1323	4582.97	58.158	58.408
ML	25	I	57.184	49.23	4923	5729.578	56.718	57.65
ML	25	I	55.932	31.26	2501	4584.029	55.695	56.169
ML	25	I	54.7	86.64	3932	2600.266	54.328	55.072
ML	25	I	52.891	28.77	3836	7639.437	52.528	53.254
ML	25	I	51.832	16.22	1622	5729.578	51.678	51.986
ML	25	I	58.952	19.13	1913	5729.578	58.771	59.133
ML	25	I	60.599	7.99	1597	11451.985	60.448	60.75
ML	25	I	64.75	26.75	2675	5729.578	64.497	65.003
ML	25	I	65.905	24.65	2465	5729.578	65.672	66.138
ML	25	I	67.627	15.5	1550	5729.578	67.48	67.774
ML	25	I	68.745	19.57	1957	5729.578	68.56	68.93
ML	25	I	70.307	24.69	1975	4583.198	70.12	70.494
ML	25	I	75.11	12.15	1215	5729.578	74.995	75.225
ML	25	I	74.157	7.92	792	5729.578	74.082	74.232
ML	25	I	72.049	10.7	2140	11459.156	71.846	72.252
ML	25	I	76.108	15.17	1517	5729.578	75.964	76.252
ML	25	I	80.899	39.43	3943	5729.578	80.526	81.272
ML	25	I	77.495	15.65	1565	5729.578	77.347	77.643
ML	25	I	82.909	16.34	2178	7637.1	82.703	83.115
ML	25	I	82.196	14.6	1460	5729.578	82.058	82.334
ML	25	I	84.568	21.92	2192	5729.578	84.36	84.776
ML	25	I	89.605	14.95	1495	5729.578	89.463	89.747
ML	25	I	86.831	10.25	1025	5729.578	86.734	86.928
ML	25	I	85.462	35.64	2376	3819.719	85.237	85.687
ML	25	I	99.177	2.54	507	11436.599	99.129	99.225

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	25	I	98.533	2.95	590	11459.156	98.477	98.589
ML	25	I	96.721	18.1	1810	5729.578	96.55	96.892
ML	25	I	96.216	39.81	2654	3819.719	95.965	96.467
ML	25	I	100.783	29.84	693	1330.629	100.717	100.849
ML	25	I	101.678	34.04	1926	3241.823	101.496	101.86
ML	25	I	102.48	18	1810	5761.409	102.309	102.651
ML	25	I	103.163	8.1	814	5757.872	103.086	103.24
ML	25	I	103.418	7.51	746	5691.432	103.347	103.489
ML	25	I	103.682	9.06	910	5754.874	103.596	103.768
ML	25	I	103.926	12.67	837	3785.049	103.847	104.005
ML	25	I	106.65	7.41	1482	11459.156	106.51	106.79
ML	25	I	107.841	3.08	617	11477.758	107.783	107.899
ML	25	I	108.513	3.64	729	11474.897	108.444	108.582
ML	25	I	119.368	15.09	3017	11455.359	119.082	119.654
ML	25	I	117.488	13.39	2677	11454.877	117.234	117.742
ML	25	I	116.295	9.6	1280	7639.437	116.174	116.416
ML	25	I	115.852	27.14	2171	4583.24	115.646	116.058
ML	25	I	115.083	17.57	1757	5729.578	114.917	115.249
ML	25	I	112.849	30.83	3083	5729.578	112.557	113.141
ML	25	I	112.072	4.45	890	11459.156	111.988	112.156
ML	25	I	110.552	33.09	2647	4583.316	110.301	110.803
ML	25	I	109.892	19.7	1576	4583.662	109.743	110.041
ML	25	I	134.173	13.65	2730	11459.156	133.914	134.432
ML	25	I	131.689	24.55	2455	5729.578	131.457	131.921
ML	25	I	130.605	3.35	1340	22918.312	130.478	130.732
ML	25	I	127.754	23.26	2326	5729.578	127.534	127.974
ML	25	I	126.432	14.07	1407	5729.578	126.299	126.565
ML	25	I	125.133	29.61	2369	4584.049	124.909	125.357
ML	25	I	123.272	26.3	2630	5729.578	123.023	123.521
ML	25	I	120.961	9	900	5729.578	120.876	121.046
ML	25	I	139.065	51.56	2298	2553.64	138.847	139.283
ML	25	I	138.089	43.15	3452	4583.662	137.762	138.416
ML	25	I	136.341	37.2	4960	7639.437	135.871	136.811
ML	25	I	139.829	82.3	3835	2669.858	139.466	140.192
ML	25	I	140.732	51.77	2958	3273.728	140.452	141.012
ML	25	I	142.261	60.02	4001	3819.4	141.882	142.64
ML	25	I	148.111	21.4	2140	5729.578	147.908	148.314
ML	25	I	146.082	17.15	1143	3818.605	145.974	146.19
ML	25	I	158.497	16.67	1666	5726.141	158.339	158.655
ML	25	I	156.869	30.63	2041	3817.848	156.676	157.062
ML	25	I	152.629	12.81	3073	13744.725	152.338	152.92
ML	25	I	150.603	9.17	917	5729.578	150.516	150.69
ML	25	I	162.132	11.05	884	4583.662	162.048	162.216
ML	25	I	164.162	21.11	2111	5729.578	163.962	164.362
ML	25	I	173.591	9.69	1943	11488.72	173.407	173.775
ML	25	I	170.593	9.52	952	5729.578	170.503	170.683
ML	25	I	169.603	10.42	2089	11486.649	169.405	169.801
ML	25	I	168.368	6.5	1304	11494.415	168.245	168.491
ML	25	I	167.828	29.23	2009	3937.982	167.638	168.018
ML	25	I	184.571	17.98	3613	11513.329	184.229	184.913
ML	25	I	184.556	17.26	3451	11455.836	184.229	184.883
ML	25	I	184.542	16.63	3306	11390.249	184.229	184.855
ML	25	I	183.177	20.16	2687	7636.595	182.923	183.431
ML	25	I	181.642	37.98	3797	5728.069	181.282	182.002
ML	25	I	180.919	15.65	1565	5729.578	180.771	181.067
ML	25	I	186.332	41.52	1557	2148.592	186.185	186.479
ML	25	I	185.777	32.13	1428	2546.479	185.642	185.912
ML	25	I	186.712	32.25	1081	1920.519	186.61	186.814
ML	25	I	187.049	4.55	455	5729.578	187.006	187.092
ML	25	I	187.368	6.94	1387	11450.9	187.237	187.499
ML	25	I	188.826	4.86	389	4586.02	188.789	188.863
ML	25	I	189.521	54.13	1315	1391.907	189.396	189.646
ML	25	I	189.825	11.05	780	4044.408	189.751	189.899
ML	25	I	195.328	8.32	832	5729.578	195.249	195.407
ML	25	I	206.411	5.48	548	5729.578	206.359	206.463
ML	25	I	207.71	5.39	1078	11459.156	207.608	207.812
ML	25	I	208.291	7.7	1540	11459.156	208.145	208.437
ML	25	I	209.787	34.83	2786	4583.004	209.523	210.051
ML	25	I	211.338	10.49	2086	11393.613	211.14	211.536

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	25	I	213.289	26.03	2603	5729.578	213.043	213.535
ML	25	I	214.062	18.03	3597	11430.556	213.721	214.403
ML	25	I	214.813	4.7	1879	22906.121	214.635	214.991
ML	25	I	215.866	10.81	2157	11432.655	215.662	216.07
ML	25	I	216.98	6.58	2634	22935.727	216.731	217.229
ML	25	I	221.906	3.28	2282	39862.491	221.69	222.122
ML	25	I	226.172	3.28	3047	53225.683	225.883	226.461
ML	25	I	227.352	5.56	1112	11459.156	227.247	227.457
ML	25	I	229.406	10.37	1037	5729.578	229.308	229.504
ML	25	I	230.86	67.17	6717	5729.578	230.224	231.496
ML	25	I	231.885	19.34	967	2864.789	231.793	231.977
ML	25	I	232.599	36.9	1845	2864.789	232.424	232.774
ML	25	I	234.376	48.49	3879	4583.426	234.009	234.743
ML	25	I	238.445	7.75	1550	11459.156	238.298	238.592
ML	25	I	240.922	2.71	542	11459.156	240.871	240.973
ML	25	I	243.928	1.08	215	11406.104	243.908	243.948
ML	25	I	245.721	31.25	3125	5729.578	245.425	246.017
ML	25	I	247.053	15.9	2120	7639.437	246.852	247.254
ML	25	I	250.719	51.05	5105	5729.578	250.236	251.202
ML	25	I	253.73	32.65	3265	5729.578	253.421	254.039
ML	25	I	255.265	18.8	3760	11459.156	254.909	255.621
ML	25	I	257.371	25.32	2532	5729.578	257.131	257.611
ML	25	I	258.514	24.01	2401	5729.578	258.287	258.741
ML	25	I	259.346	13.8	2760	11459.156	259.085	259.607
ML	25	I	261.705	8.83	883	5729.578	261.621	261.789
ML	25	I	267.984	12.22	1222	5729.578	267.868	268.1
ML	25	I	272.755	10.79	1079	5729.578	272.653	272.857
ML	25	I	278.962	15.62	3123	11455.488	278.666	279.258
ML	25	I	283.11	13.59	1359	5729.578	282.981	283.239
ML	25	I	290.911	18.52	1852	5729.578	290.736	291.086
ML	25	I	291.503	9.97	997	5729.578	291.409	291.597
ML	25	I	292.891	18.93	1893	5729.578	292.712	293.07
ML	25	I	294.328	10.33	1033	5729.578	294.23	294.426
ML	25	I	295.439	1.09	2183	114749.254	295.232	295.646
ML	25	I	296.757	11.24	1124	5729.578	296.651	296.863
ML	25	I	297.173	3.52	1407	22902.035	297.04	297.306
ML	25	I	297.907	10.42	2083	11453.657	297.71	298.104
ML	25	I	298.947	8.17	1633	11452.143	298.792	299.102
ML	25	I	300.185	11.65	1165	5729.578	300.075	300.295
ML	34	B	4.958	13.94	929	3818.349	4.87	5.046
ML	34	B	4.29	18.56	928	2864.789	4.202	4.378
ML	34	B	3.942	10.17	678	3819.719	3.878	4.006
ML	34	B	7.305	7.74	1547	11451.753	7.159	7.451
ML	34	B	8.114	7.44	1488	11459.156	7.973	8.255
ML	34	B	9.77	28.05	1870	3819.719	9.593	9.947
ML	34	B	13.155	5.99	1197	11449.591	13.042	13.268
ML	34	B	16.677	9.53	953	5729.578	16.587	16.767
ML	34	B	18.579	3.32	665	11476.414	18.516	18.642
ML	34	B	21.021	8.58	858	5729.578	20.94	21.102
ML	34	B	22.854	13.96	1186	4867.679	22.742	22.966
ML	34	B	25.458	6.42	1073	9576.07	25.356	25.56
ML	34	B	27.095	15.01	1291	4927.971	26.973	27.217
ML	34	B	28.464	28.36	2836	5729.578	28.195	28.733
ML	34	B	30.153	1.73	346	11459.156	30.12	30.186
ML	34	B	30.551	2.24	447	11433.577	30.509	30.593
ML	34	B	31.367	12.04	1204	5729.578	31.253	31.481
ML	34	B	32.98	16.18	3236	11459.156	32.674	33.286
ML	34	B	34.808	7.79	1557	11451.801	34.661	34.955
ML	34	B	37.562	28.38	1419	2864.789	37.428	37.696
ML	34	B	39.17	16.5	1100	3819.719	39.066	39.274
ML	34	B	40.931	30.04	1502	2864.789	40.789	41.073
ML	34	B	42.127	31.04	1552	2864.789	41.98	42.274
ML	34	B	43.888	27.2	3626	7638.033	43.545	44.231
ML	34	B	46.119	9.19	1837	11452.921	45.945	46.293
ML	34	B	49.224	4.95	495	5729.578	49.177	49.271
ML	34	B	51.705	5.98	598	5729.578	51.648	51.762
ML	34	B	55.113	45.5	2275	2864.789	54.898	55.328
ML	34	B	57.282	21.86	1457	3818.845	57.144	57.42
ML	34	B	59.213	8.43	843	5729.578	59.133	59.293

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	34	B	59.836	13.72	1372	5729.578	59.706	59.966
ML	34	B	61.434	16.7	835	2864.789	61.355	61.513
ML	34	B	64.276	20.2	2020	5729.578	64.085	64.467
ML	34	B	65.322	4.94	494	5729.578	65.275	65.369
ML	34	B	66.536	7.88	788	5729.578	66.461	66.611
ML	34	B	67.024	4.98	498	5729.578	66.977	67.071
ML	34	B	69.155	6.42	642	5729.578	69.094	69.216
ML	34	B	74.158	10.63	1063	5729.578	74.057	74.259
ML	34	B	74.939	10.8	1080	5729.578	74.837	75.041
ML	34	B	84.312	11.2	2240	11459.156	84.1	84.524
ML	34	B	81.281	7.62	1523	11451.637	81.137	81.425
ML	34	B	80.426	12.32	2463	11454.505	80.193	80.659
ML	34	B	79.61	12.52	2503	11454.58	79.373	79.847
ML	34	B	88.857	37.05	7410	11459.156	88.155	89.559
ML	34	B	90.151	33.7	4493	7638.871	89.726	90.576
ML	34	B	99.403	10.6	1060	5729.578	99.303	99.503
ML	34	B	98.178	44.97	8993	11457.882	97.326	99.03
ML	34	B	96.394	34.3	3430	5729.578	96.069	96.719
ML	34	B	95.685	11.55	2310	11459.156	95.466	95.904
ML	34	B	94.622	16.84	3367	11455.754	94.303	94.941
ML	34	B	104.086	35.14	7027	11457.525	103.421	104.751
ML	34	B	112.398	21.42	1071	2864.789	112.297	112.499
ML	34	B	109.238	59.12	3941	3819.396	108.865	109.611
ML	34	B	115.461	17.65	588	1908.777	115.405	115.517
ML	34	B	115.188	53.75	536	571.359	115.137	115.239
ML	34	B	114.901	19.38	323	954.93	114.87	114.932
ML	34	B	114.604	31.22	1561	2864.789	114.456	114.752
ML	34	B	114.436	2	200	5729.578	114.417	114.455
ML	34	B	114.34	5.72	381	3816.38	114.304	114.376
ML	34	B	114.229	2.7	270	5729.578	114.203	114.255
ML	34	B	114.14	9.76	355	2084.017	114.106	114.174
ML	34	B	113.945	20.88	348	954.93	113.912	113.978
ML	34	B	113.653	23.82	397	954.93	113.615	113.691
ML	34	B	113.255	15.07	501	1904.79	113.208	113.302
ML	34	B	112.963	8.25	619	4298.92	112.904	113.022
ML	34	B	112.842	8.93	564	3618.681	112.789	112.895
ML	34	B	115.649	37.2	260	400.454	115.624	115.674
ML	34	B	115.914	21.09	703	1909.859	115.847	115.981
ML	34	B	116.109	21	350	954.93	116.076	116.142
ML	34	B	116.26	16.38	234	818.511	116.238	116.282
ML	34	B	116.294	5.7	114	1145.916	116.283	116.305
ML	34	B	116.412	21.9	219	572.958	116.391	116.433
ML	34	B	116.448	8.82	147	954.93	116.434	116.462
ML	34	B	116.495	15	250	954.93	116.471	116.519
ML	34	B	116.662	4.73	473	5729.578	116.617	116.707
ML	34	B	116.799	14	350	1432.394	116.766	116.832
ML	34	B	116.936	25.44	38	85.583	116.932	116.94
ML	34	B	117.032	4.04	101	1432.394	117.022	117.042
ML	34	B	117.153	4.32	108	1432.394	117.143	117.163
ML	34	B	117.329	18	185	588.873	117.311	117.347
ML	34	B	117.428	13.9	103	424.566	117.418	117.438
ML	34	B	117.55	12.16	304	1432.394	117.521	117.579
ML	34	B	117.864	35.55	536	863.869	117.813	117.915
ML	34	B	118.031	24.16	604	1432.394	117.974	118.088
ML	34	B	118.175	24.44	611	1432.394	118.117	118.233
ML	34	B	118.339	33.65	498	847.943	118.292	118.386
ML	34	B	118.512	30.6	765	1432.394	118.44	118.584
ML	34	B	118.692	6.5	325	2864.789	118.661	118.723
ML	34	B	118.87	16.41	547	1909.859	118.818	118.922
ML	34	B	119.016	6.56	328	2864.789	118.985	119.047
ML	34	B	119.48	7.68	768	5729.578	119.407	119.553
ML	34	B	119.653	38.32	958	1432.394	119.562	119.744
ML	34	B	120.112	29.56	739	1432.394	120.042	120.182
ML	34	B	120.484	28.44	711	1432.394	120.417	120.551
ML	34	B	120.625	30.1	427	812.801	120.585	120.665
ML	34	B	120.892	16.68	834	2864.789	120.813	120.971
ML	34	B	121.071	21.05	421	1145.916	121.031	121.111
ML	34	B	121.453	14.26	713	2864.789	121.385	121.521
ML	34	B	122.017	99.96	1456	834.56	121.879	122.155

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	34	B	122.665	7.98	399	2864.789	122.627	122.703
ML	34	B	122.969	65.84	1646	1432.394	122.813	123.125
ML	34	B	123.303	21.16	529	1432.394	123.253	123.353
ML	34	B	123.582	10.98	366	1909.859	123.547	123.617
ML	34	B	123.707	16.4	410	1432.394	123.668	123.746
ML	34	B	123.999	19.35	212	627.737	123.979	124.019
ML	34	B	124.328	18.66	101	310.122	124.318	124.338
ML	34	B	124.463	11.52	576	2864.789	124.408	124.518
ML	34	B	124.694	13.11	437	1909.859	124.653	124.735
ML	34	B	124.89	17.96	449	1432.394	124.847	124.933
ML	34	B	125.196	38.4	960	1432.394	125.105	125.287
ML	34	B	125.618	37.92	422	637.627	125.578	125.658
ML	34	B	125.805	9.87	329	1909.859	125.774	125.836
ML	34	B	126.131	7.76	388	2864.789	126.094	126.168
ML	34	B	126.406	5.93	593	5729.578	126.35	126.462
ML	34	B	126.827	7.84	392	2864.789	126.79	126.864
ML	34	B	127.379	8	800	5729.578	127.303	127.455
ML	34	B	127.675	20.28	811	2291.266	127.598	127.752
ML	34	B	128.152	23.94	498	1191.867	128.105	128.199
ML	34	B	128.64	18.6	320	985.734	128.61	128.67
ML	34	B	129.357	7.06	353	2864.789	129.324	129.39
ML	34	B	130.192	42.24	656	889.821	130.13	130.254
ML	34	B	130.942	34.08	1704	2864.789	130.781	131.103
ML	34	B	131.637	109.58	2054	1073.969	131.442	131.832
ML	34	B	132.005	90.12	257	163.393	131.981	132.029
ML	34	B	132.836	90	257	163.611	132.812	132.86
ML	34	B	133.107	38.85	796	1173.937	133.032	133.182
ML	34	B	133.198	11.02	551	2864.789	133.146	133.25
ML	34	B	133.394	12.48	713	3273.389	133.326	133.462
ML	34	B	133.696	36.63	785	1227.878	133.622	133.77
ML	34	B	133.967	58.12	1107	1091.301	133.862	134.072
ML	34	B	134.265	33.26	739	1273.048	134.195	134.335
ML	34	B	134.491	9.32	414	2545.113	134.452	134.53
ML	34	B	134.659	6.36	424	3819.719	134.619	134.699
ML	34	B	135.08	63.68	1396	1256.044	134.948	135.212
ML	34	B	135.62	2.37	474	11459.156	135.575	135.665
ML	34	B	135.988	15.47	1688	6251.795	135.828	136.148
ML	34	B	136.38	4.67	467	5729.578	136.336	136.424
ML	34	B	137.276	39.75	905	1304.47	137.19	137.362
ML	34	B	138.098	4.12	549	7634.802	138.046	138.15
ML	34	B	138.276	4.62	616	7639.437	138.218	138.334
ML	34	B	142.039	22.87	2287	5729.578	141.822	142.256
ML	34	B	143.121	10.9	1090	5729.578	143.018	143.224
ML	34	B	144.763	12.98	1162	5129.252	144.653	144.873
ML	34	B	145.642	1.87	187	5729.578	145.624	145.66
ML	34	B	147.307	7.23	1112	8812.297	147.202	147.412
ML	34	B	148.999	17.42	1161	3818.622	148.889	149.109
ML	34	B	150.82	47.19	1573	1909.859	150.671	150.969
ML	34	B	153.195	25.73	2573	5729.578	152.951	153.439
ML	34	B	155.799	3	600	11459.156	155.742	155.856
ML	34	B	156.914	12.35	1235	5729.578	156.797	157.031
ML	34	B	159.17	12.46	1246	5729.578	159.052	159.288
ML	34	B	160.091	13.85	1385	5729.578	159.96	160.222
ML	34	B	160.696	22.72	948	2390.687	160.606	160.786
ML	34	B	161.576	29.88	1692	3244.46	161.416	161.736
ML	34	B	162.861	29.85	575	1103.688	162.807	162.915
ML	34	B	163.152	29.25	555	1087.151	163.099	163.205
ML	34	B	163.421	8.5	850	5729.578	163.341	163.501
ML	34	B	163.692	18.01	1385	4406.144	163.561	163.823
ML	34	B	164.029	3.47	263	4342.591	164.004	164.054
ML	34	B	164.302	21.86	762	1997.227	164.23	164.374
ML	34	B	164.781	56.34	1474	1499.006	164.641	164.921
ML	34	B	165.1	9.43	578	3511.873	165.045	165.155
ML	34	B	168.028	10.89	63	331.463	168.022	168.034
ML	34	B	168.331	21.63	421	1115.188	168.291	168.371
ML	34	B	168.647	10.68	56	300.427	168.642	168.652
ML	34	B	169.716	19.04	1904	5729.578	169.536	169.896
ML	34	B	171.709	29.61	1692	3274.045	171.549	171.869
ML	34	B	172.699	36.84	928	1443.281	172.611	172.787

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	34	B	176.436	8.62	1723	11452.509	176.273	176.599
ML	34	B	183.76	25.05	1670	3819.719	183.602	183.918
ML	34	B	182.51	5	1000	11459.156	182.415	182.605
ML	34	B	180.54	7	1400	11459.156	180.407	180.673
ML	34	B	179.739	24.83	2483	5729.578	179.504	179.974
ML	34	B	178.59	10.5	700	3819.719	178.524	178.656
ML	34	B	185.489	44.87	2564	3274.045	185.246	185.732
ML	34	B	184.413	39.81	900	1295.308	184.328	184.498
ML	34	B	186.365	41.72	643	883.058	186.304	186.426
ML	34	B	189.23	41.61	4161	5729.578	188.836	189.624
ML	34	B	188.153	33.35	3335	5729.578	187.837	188.469
ML	34	B	195.116	3	600	11459.156	195.059	195.173
ML	34	B	194.689	27.92	1861	3819.035	194.513	194.865
ML	34	B	193.758	29.48	2948	5729.578	193.479	194.037
ML	34	B	191.431	28.41	1894	3819.719	191.252	191.61
ML	34	B	190.493	22.27	2227	5729.578	190.282	190.704
ML	34	B	196.749	40.95	819	1145.916	196.671	196.827
ML	34	B	197.581	24.61	1406	3273.379	197.448	197.714
ML	34	B	198.161	14.56	1165	4584.449	198.051	198.271
ML	34	B	199.466	9.15	915	5729.578	199.379	199.553
ML	34	B	202.388	14.56	1165	4584.449	202.278	202.498
ML	34	B	202.946	12.92	861	3818.24	202.864	203.028
ML	34	B	203.17	12.45	622	2862.488	203.111	203.229
ML	34	B	203.708	10.19	1018	5723.955	203.612	203.804
ML	34	B	205.041	23.38	584	1431.169	204.986	205.096
ML	34	B	205.289	75.7	1320	999.081	205.164	205.414
ML	34	B	205.676	22.54	751	1909.012	205.605	205.747
ML	34	B	206.23	0.13	56	24681.259	206.225	206.235
ML	34	B	206.905	7.9	1579	11451.903	206.755	207.055
ML	34	B	208.552	0.44	87	11328.938	208.544	208.56
ML	34	B	209.223	29.91	577	1105.305	209.168	209.278
ML	34	B	210.145	9.65	1930	11459.156	209.962	210.328
ML	34	B	212.431	12.27	1227	5729.578	212.315	212.547
ML	34	B	216.237	31.82	3182	5729.578	215.936	216.538
ML	34	B	221.023	12.45	1245	5729.578	220.905	221.141
ML	34	B	220.311	2.25	900	22918.312	220.226	220.396
ML	34	B	219.735	14.75	1475	5729.578	219.595	219.875
ML	34	B	218.368	10.57	1057	5729.578	218.268	218.468
ML	34	B	217.745	5.47	547	5729.578	217.693	217.797
ML	34	B	225.066	46.33	1853	2291.584	224.891	225.241
ML	34	B	224.266	24.54	1636	3819.719	224.111	224.421
ML	34	B	222.584	19.5	1950	5729.578	222.399	222.769
ML	34	B	222.166	9.62	962	5729.578	222.075	222.257
ML	34	B	221.814	44.43	1277	1646.786	221.693	221.935
ML	34	B	231.938	22.45	2694	6875.494	231.683	232.193
ML	34	B	230.751	34.28	871	1455.794	230.669	230.833
ML	34	B	228.096	63.15	2026	1838.183	227.904	228.288
ML	34	B	227.39	18.03	221	702.294	227.369	227.411
ML	34	B	227.131	24.73	489	1132.941	227.085	227.177
ML	34	B	226.37	2.4	240	5729.578	226.347	226.393
ML	34	B	225.864	10.48	1048	5729.578	225.765	225.963
ML	34	B	225.524	3.95	395	5729.578	225.487	225.561
ML	34	B	233.125	44.66	1833	2351.616	232.951	233.299
ML	34	B	237.305	7.93	280	2023.054	237.278	237.332
ML	34	B	237.797	7.4	740	5729.578	237.727	237.867
ML	34	B	238.124	12.83	1283	5729.578	238.003	238.245
ML	34	B	238.527	38.87	1055	1555.108	238.427	238.627
ML	34	B	239.454	56.08	2243	2291.627	239.242	239.666
ML	34	B	240.646	45.18	1307	1657.494	240.522	240.77
ML	34	B	241.781	22.4	696	1780.262	241.715	241.847
ML	34	B	241.907	23.17	630	1557.891	241.847	241.967
ML	34	B	242.458	90.14	409	259.973	242.419	242.497
ML	34	B	243	8.24	431	2996.903	242.959	243.041
ML	34	B	243.469	7.65	765	5729.578	243.397	243.541
ML	34	B	243.933	12.18	1218	5729.578	243.818	244.048
ML	34	B	244.337	13.08	1308	5729.578	244.213	244.461
ML	34	B	245.855	13.58	1358	5729.578	245.726	245.984
ML	34	B	246.566	22.83	2283	5729.578	246.35	246.782
ML	34	B	247.485	29.92	2992	5729.578	247.202	247.768

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	34	B	249.053	17.68	707	2291.183	248.986	249.12
ML	34	B	249.294	23	920	2291.831	249.207	249.381
ML	34	B	250.184	51.4	2570	2864.789	249.941	250.427
ML	34	B	249.706	35.68	1427	2291.51	249.571	249.841
ML	34	B	252.598	2.53	253	5729.578	252.574	252.622
ML	34	B	251.417	52.18	2209	2425.573	251.208	251.626
ML	34	B	256.453	2.27	151	3811.305	256.439	256.467
ML	34	B	254.652	4.53	453	5729.578	254.609	254.695
ML	34	B	256.68	19.01	1267	3818.714	256.56	256.8
ML	34	B	0.532	10.2	102	572.958	0.522	0.542
ML	34	B	0.623	17.64	441	1432.394	0.581	0.665
ML	34	B	0.735	6.8	170	1432.394	0.719	0.751
ML	34	B	0.806	15.84	264	954.93	0.781	0.831
ML	34	B	1.029	5.67	189	1909.859	1.011	1.047
ML	34	B	2.3	28.88	361	716.197	2.266	2.334
ML	34	B	2.132	46.86	781	954.93	2.058	2.206
ML	34	B	3.367	26.39	2639	5729.578	3.117	3.617
ML	34	B	2.637	7.34	979	7642.039	2.544	2.73
ML	34	B	6.912	6.2	1240	11459.156	6.795	7.029
ML	34	B	6.456	2	800	22918.312	6.38	6.532
ML	43	B	0.187	2.69	538	11459.156	0.136	0.238
ML	43	B	0.648	39.36	1312	1909.859	0.524	0.772
ML	43	B	1.541	51.24	1708	1909.859	1.379	1.703
ML	43	B	2.621	44.07	1469	1909.859	2.482	2.76
ML	43	B	5.265	21.47	4293	11456.487	4.858	5.672
ML	43	B	6.366	39.57	3957	5729.578	5.991	6.741
ML	43	B	7.68	30.5	3050	5729.578	7.391	7.969
ML	43	B	9.415	39.28	1964	2864.789	9.229	9.601
ML	43	B	11.552	6.22	622	5729.578	11.493	11.611
ML	43	B	14.258	8.28	828	5729.578	14.18	14.336
ML	43	B	15.9	31.74	1587	2864.789	15.75	16.05
ML	43	B	17.867	32.75	3275	5729.578	17.557	18.177
ML	43	B	19.488	5.36	536	5729.578	19.437	19.539
ML	43	B	21.401	5.26	526	5729.578	21.351	21.451
ML	43	B	27.829	5.03	503	5729.578	27.781	27.877
ML	43	B	39.5	3.15	631	11477.345	39.44	39.56
ML	43	B	38.692	1.5	300	11459.156	38.664	38.72
ML	43	B	35.628	38.53	1712	2545.818	35.466	35.79
ML	43	B	48.087	4.89	977	11447.439	47.994	48.18
ML	43	B	46.015	79.43	2711	1955.544	45.758	46.272
ML	43	B	44.725	166.68	1825	627.339	44.552	44.898
ML	43	B	43.505	56.17	5397	5505.169	42.994	44.016
ML	43	B	42.587	58.06	2603	2568.738	42.341	42.833
ML	43	B	53.438	1.55	310	11459.156	53.409	53.467
ML	43	B	52.15	13.67	1367	5729.578	52.021	52.279
ML	43	B	50.81	15.55	1555	5729.578	50.663	50.957
ML	43	B	49.144	5.48	1095	11448.7	49.04	49.248
ML	43	B	55.695	12.05	1205	5729.578	55.581	55.809
ML	43	B	54.503	17.43	1743	5729.578	54.338	54.668
ML	43	B	53.994	12.2	1626	7636.306	53.84	54.148
ML	43	B	57.459	10.54	1054	5729.578	57.359	57.559
ML	43	B	58.145	10.19	687	3862.826	58.08	58.21
ML	43	B	59.169	4.75	475	5729.578	59.124	59.214
ML	43	B	61.46	7.1	722	5826.416	61.392	61.528
ML	43	B	63.843	10	1000	5729.578	63.748	63.938
ML	43	B	64.429	27.65	2812	5826.97	64.163	64.695
ML	43	B	66.145	20.62	2097	5826.831	65.946	66.344
ML	43	B	69.252	6.25	625	5729.578	69.193	69.311
ML	43	B	70.407	5.68	578	5830.451	70.352	70.462
ML	43	B	80.723	8.42	842	5729.578	80.643	80.803
ML	43	B	78.205	8.97	897	5729.578	78.12	78.29
ML	43	B	76.681	15.93	1593	5729.578	76.53	76.832
ML	43	B	82.472	4.8	480	5729.578	82.427	82.517
ML	43	B	84.211	3.38	338	5729.578	84.179	84.243
ML	43	B	89.278	18.12	1812	5729.578	89.106	89.45
ML	43	B	93.676	14.34	717	2864.789	93.608	93.744
ML	43	B	96.659	2.4	240	5729.578	96.636	96.682
ML	43	B	97.759	8.28	414	2864.789	97.72	97.798
ML	43	B	102.182	3	313	5977.86	102.152	102.212

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	43	B	103.952	15.7	1570	5729.578	103.803	104.101
ML	43	B	104.895	47.33	3155	3819.315	104.596	105.194
ML	43	B	106.5	4.86	508	5988.942	106.452	106.548
ML	43	B	108.432	14.67	1467	5729.578	108.293	108.571
ML	43	B	110.957	21.92	1096	2864.789	110.853	111.061
ML	43	B	110.238	30.77	2051	3819.098	110.044	110.432
ML	43	B	108.982	20.45	818	2291.831	108.905	109.059
ML	43	B	114.569	87.76	1794	1171.247	114.399	114.739
ML	43	B	114.963	13.17	479	2083.878	114.918	115.008
ML	43	B	115.255	2.09	417	11431.742	115.216	115.294
ML	43	B	115.418	2.08	416	11459.156	115.379	115.457
ML	43	B	115.836	9.99	999	5729.578	115.741	115.931
ML	43	B	117.281	28.2	1230	2499.071	117.165	117.397
ML	43	B	117.398	8.66	866	5729.578	117.316	117.48
ML	43	B	117.583	33.59	1466	2500.614	117.444	117.722
ML	43	B	117.854	20.88	1044	2864.789	117.755	117.953
ML	43	B	118.181	20.88	1044	2864.789	118.082	118.28
ML	43	B	121.93	69	1374	1140.933	121.8	122.06
ML	43	B	123.11	30.12	753	1432.394	123.039	123.181
ML	43	B	125.187	9.67	967	5729.578	125.095	125.279
ML	43	B	125.881	20.82	1040	2862.037	125.783	125.979
ML	43	B	126.315	22.67	400	1010.953	126.277	126.353
ML	43	B	126.968	12.55	1255	5729.578	126.849	127.087
ML	43	B	128.026	39.71	968	1396.684	127.934	128.118
ML	43	B	128.802	41.34	1023	1417.842	128.705	128.899
ML	43	B	129.438	19.43	971	2863.315	129.346	129.53
ML	43	B	129.764	17.35	867	2863.138	129.682	129.846
ML	43	B	130.02	14.16	707	2860.743	129.953	130.087
ML	43	B	130.326	9.92	991	5723.802	130.232	130.42
ML	43	B	130.728	2.4	240	5729.578	130.705	130.751
ML	43	B	131.481	30.55	2036	3818.468	131.288	131.674
ML	43	B	132.088	4.75	474	5717.516	132.043	132.133
ML	43	B	133.148	2.89	289	5729.578	133.121	133.175
ML	43	B	134.043	29.19	1459	2863.808	133.905	134.181
ML	43	B	135.149	2.87	287	5729.578	135.122	135.176
ML	43	B	136.05	29.18	1459	2864.789	135.912	136.188
ML	43	B	136.371	6.5	756	6663.94	136.299	136.443
ML	43	B	136.767	34.84	1806	2970.04	136.596	136.938
ML	43	B	138.775	17.76	1776	5729.578	138.607	138.943
ML	43	B	139.864	33.17	3376	5831.491	139.544	140.184
ML	43	B	141.995	15.06	1505	5725.773	141.852	142.138
ML	43	B	142.832	23.92	1565	3748.658	142.684	142.98
ML	43	B	145.464	15.99	1576	5647.164	145.315	145.613
ML	43	B	147.083	17.12	1694	5669.337	146.923	147.243
ML	43	B	150.354	24.2	2420	5729.578	150.125	150.583
ML	43	B	151.453	4.02	402	5729.578	151.415	151.491
ML	43	B	153.357	21.75	2175	5729.578	153.151	153.563
ML	43	B	154.888	31.42	3142	5729.578	154.59	155.186
ML	43	B	155.938	28.48	2848	5729.578	155.668	156.208
ML	43	B	157.877	33.73	3373	5729.578	157.558	158.196
ML	43	B	160.55	12.08	1208	5729.578	160.436	160.664
ML	43	B	161.406	11.7	1170	5729.578	161.295	161.517
ML	43	B	163.056	10.17	1017	5729.578	162.96	163.152
ML	43	B	165.653	4.73	473	5729.578	165.608	165.698
ML	43	B	167.256	2.97	297	5729.578	167.228	167.284
ML	43	B	168.426	17.45	1745	5729.578	168.261	168.591
ML	43	B	169.981	3.5	350	5729.578	169.948	170.014
RP	43	I	0.746	12.04	344	1637.022	0.713	0.779
RP	43	I	0.823	14.01	467	1909.859	0.779	0.867
ML	80	D	0.222	26.34	1756	3819.719	0.056	0.388
ML	80	D	1.599	3.13	4690	85852.142	1.155	2.043
ML	80	D	3.733	69.93	1971	1614.9	3.546	3.92
ML	80	D	4.33	47.42	2496	3015.822	4.094	4.566
ML	80	D	5.04	54.04	2844	3015.344	4.771	5.309
ML	80	D	5.613	53.73	1371	1461.986	5.483	5.743
ML	80	D	6.303	15.72	3143	11455.511	6.005	6.601
ML	80	D	7.277	6.15	2460	22918.312	7.044	7.51
ML	80	D	9.067	49.29	9857	11457.993	8.134	10
ML	80	D	10.699	62.23	3275	3015.325	10.389	11.009

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	80	D	11.897	57.95	3864	3820.378	11.531	12.263
ML	80	D	12.844	37.95	2529	3818.209	12.605	13.083
ML	80	D	13.539	52.36	2753	3012.515	13.278	13.8
ML	80	D	15.573	11.94	1196	5739.175	15.46	15.686
ML	80	D	16.602	12.73	1258	5662.065	16.483	16.721
ML	80	D	18.065	36.02	1601	2546.656	17.913	18.217
ML	80	D	20.06	13.05	693	3042.603	19.994	20.126
ML	80	D	21.277	37.45	1971	3015.487	21.09	21.464
ML	80	D	27.737	24.93	2505	5757.157	27.5	27.974
ML	80	D	32.796	13.79	2758	11459.156	32.535	33.057
ML	80	D	35.325	21.68	8670	22913.026	34.504	36.146
ML	80	D	38.186	30.9	3090	5729.578	37.893	38.479
ML	80	D	39.559	22.43	2991	7640.289	39.276	39.842
ML	80	D	40.893	6.78	1357	11467.607	40.764	41.022
ML	80	D	42.266	7.54	1508	11459.156	42.123	42.409
ML	80	D	44.005	3.93	1573	22932.891	43.856	44.154
ML	80	D	45.133	22.53	4507	11461.699	44.706	45.56
ML	80	D	46.263	20.07	4013	11456.301	45.883	46.643
ML	80	D	48.296	19.5	3900	11459.156	47.927	48.665
ML	80	D	50.668	14.53	2897	11423.666	50.394	50.942
ML	80	D	51.911	24.22	4835	11437.865	51.453	52.369
ML	80	D	53.702	11.82	2360	11439.766	53.479	53.925
ML	80	D	57.63	14.4	2880	11459.156	57.357	57.903
ML	80	D	60.257	13.52	2703	11454.918	60.001	60.513
ML	80	D	66.281	47.72	5970	7167.976	65.716	66.846
ML	80	D	67.328	16.46	3293	11462.637	67.016	67.64
ML	80	D	70.105	2.36	942	22869.756	70.016	70.194
ML	80	D	78.317	4.2	840	11459.156	78.237	78.397
ML	80	D	81.848	33.23	3323	5729.578	81.533	82.163
ML	80	D	82.965	25.98	2598	5729.578	82.719	83.211
ML	80	D	84.135	16.53	1653	5729.578	83.978	84.292
ML	80	D	85.134	55.25	4144	4297.443	84.742	85.526
ML	80	D	85.837	18.73	1873	5729.578	85.66	86.014
ML	80	D	86.613	22.27	1670	4296.54	86.455	86.771
ML	80	D	86.957	13.63	1363	5729.578	86.828	87.086
ML	80	D	87.318	23.94	1596	3819.719	87.167	87.469
ML	80	D	89.126	27.72	504	1041.741	89.078	89.174
ML	80	D	89.459	37.44	828	1267.118	89.381	89.537
ML	80	D	89.971	9.5	950	5729.578	89.881	90.061
ML	80	D	90.329	7.77	777	5729.578	90.255	90.403
ML	80	D	90.701	10.17	1017	5729.578	90.605	90.797
ML	80	D	92.541	33.45	2509	4297.612	92.303	92.779
ML	80	D	93.447	18.3	1830	5729.578	93.274	93.62
ML	80	D	94.172	21.99	1466	3819.719	94.033	94.311
ML	80	D	94.653	44.6	1830	2350.925	94.48	94.826
ML	80	D	95.347	37.74	1487	2257.521	95.206	95.488
ML	80	D	97.242	5.3	1059	11448.345	97.142	97.342
ML	80	D	97.926	7.67	1533	11451.686	97.781	98.071
ML	80	D	100.464	3.99	797	11444.796	100.389	100.539
ML	80	D	102.429	37.77	3777	5729.578	102.071	102.787
ML	80	D	104.301	36.8	1422	2213.984	104.166	104.436
ML	80	D	105.37	62.08	3386	3125.057	105.049	105.691
ML	80	D	106.407	36.81	2005	3120.838	106.217	106.597
ML	80	D	107.474	102.47	5589	3125.072	106.945	108.003
ML	80	D	108.102	28.76	1158	2306.972	107.992	108.212
ML	80	D	109.064	47	3133	3819.312	108.767	109.361
ML	80	D	109.866	22.53	2253	5729.578	109.653	110.079
ML	80	D	113.697	13.95	1395	5729.578	113.565	113.829
ML	80	D	115.808	17.17	1717	5729.578	115.645	115.971
ML	80	D	120.15	19.38	1938	5729.578	119.966	120.334
ML	80	D	120.994	9.41	1881	11453.067	120.816	121.172
ML	80	D	122.128	32.5	3900	6875.494	121.759	122.497
ML	80	D	122.673	39.41	1160	1686.453	122.563	122.783
ML	80	D	123.445	47.05	3764	4583.662	123.089	123.801
ML	80	D	124.562	37.24	2979	4583.355	124.28	124.844
ML	80	D	125.393	26.66	933	2005.137	125.305	125.481
ML	80	D	126.268	33.94	2715	4583.325	126.011	126.525
ML	80	D	127.76	20.1	2010	5729.578	127.57	127.95
ML	80	D	128.92	34.85	894	1469.797	128.835	129.005

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	80	D	129.666	16.36	1309	4584.363	129.542	129.79
ML	80	D	131.373	9.95	1990	11459.156	131.185	131.561
ML	80	D	133.103	35.83	3583	5729.578	132.764	133.442
ML	80	D	135.797	39.34	7867	11457.699	135.052	136.542
ML	80	D	138.276	9.07	1814	11459.156	138.104	138.448
ML	80	D	140.186	16.61	3322	11459.156	139.871	140.501
ML	80	D	142.011	5.1	1021	11470.39	141.914	142.108
ML	80	D	150.492	1.17	467	22869.341	150.448	150.536
ML	80	D	151.629	1.17	468	22918.312	151.585	151.673
ML	80	D	153.375	1.14	455	22868.052	153.332	153.418
ML	80	D	153.626	4.34	1737	22931.514	153.462	153.79
ML	80	D	157.141	14.43	1443	5729.578	157.004	157.278
ML	80	D	164.045	8.18	1635	11452.152	163.89	164.2
ML	80	D	166.077	5.55	1665	17188.734	165.919	166.235
ML	80	D	172.973	21.2	2120	5729.578	172.772	173.174
ML	80	D	175.306	9.67	967	5729.578	175.214	175.398
ML	80	D	178.291	17.57	3513	11455.895	177.958	178.624
ML	80	D	179.801	8.34	1667	11452.286	179.643	179.959
ML	80	D	181.535	21.27	4253	11456.462	181.132	181.938
ML	80	D	190.299	11.44	2288	11459.156	190.082	190.516
ML	80	D	195.032	11	3300	17188.734	194.72	195.345
ML	80	D	204.102	6	1200	11459.156	203.988	204.216
ML	80	D	204.51	6	1200	11459.156	204.396	204.624
ML	80	D	205.95	37.37	6228	9548.786	205.36	206.54
ML	80	D	208.442	16.92	3501	11855.35	208.11	208.774
ML	80	D	211.407	14	400	1637.022	211.369	211.445
ML	80	D	211.667	47.78	840	1007.293	211.587	211.747
ML	80	D	212.037	15.4	1540	5729.578	211.891	212.183
ML	80	D	214.152	38.75	3655	5404.286	213.806	214.498
ML	80	D	215.654	49.93	1647	1889.969	215.498	215.81
ML	80	D	217	10.17	2033	11453.522	216.807	217.193
ML	80	D	219.373	37.2	1016	1564.852	219.277	219.469
ML	80	D	220.067	42.09	1148	1562.736	219.958	220.176
ML	80	D	220.862	11.37	2274	11459.156	220.647	221.077
ML	80	D	221.688	28.36	1592	3216.322	221.537	221.839
ML	80	D	222.348	29.28	2928	5729.578	222.071	222.625
ML	80	D	228.345	6.47	1293	11450.3	228.223	228.467
ML	80	D	230.283	16.84	3367	11455.754	229.964	230.602
ML	80	D	235.471	5.56	556	5729.578	235.418	235.524
ML	80	D	238.387	17.4	994	3273.104	238.293	238.481
ML	80	D	239.744	11.06	1106	5729.578	239.639	239.849
ML	80	D	242.033	11.76	1176	5729.578	241.922	242.144
ML	80	D	244.407	17.43	1744	5732.865	244.242	244.572
ML	80	D	246.269	35.92	3592	5729.578	245.929	246.609
ML	80	D	247.377	29.48	2948	5729.578	247.098	247.656
ML	80	D	249.092	5.52	552	5729.578	249.04	249.144
ML	80	D	250.653	7.13	713	5729.578	250.585	250.721
ML	80	D	251.355	21.9	2190	5729.578	251.148	251.562
ML	80	D	251.994	68.4	2236	1873.002	251.782	252.206
ML	80	D	253.213	31.65	2532	4583.662	252.973	253.453
ML	80	D	253.868	40.26	3221	4583.947	253.563	254.173
ML	80	D	256.494	14.95	5980	22918.312	255.928	257.06
ML	80	D	257.727	38.85	3108	4583.662	257.433	258.021
ML	80	D	258.764	22.63	1810	4582.65	258.593	258.935
ML	80	D	259.831	41.01	3281	4583.942	259.52	260.142
ML	80	D	260.71	5.57	2227	22908.025	260.499	260.921
ML	80	D	261.239	18	1800	5729.578	261.069	261.409
ML	80	D	261.935	46.31	3705	4583.91	261.584	262.286
ML	80	D	265.213	20.05	2005	5729.578	265.023	265.403
ML	80	D	266.611	27.59	2207	4583.247	266.402	266.82
ML	80	D	267.76	25.8	2580	5729.578	267.516	268.004
ML	80	D	269.618	43.81	3983	5209.064	269.241	269.995
ML	80	D	271.528	58.56	2528	2473.424	271.289	271.767
ML	80	D	272.552	31.8	1190	2144.087	272.439	272.665
ML	80	D	273.643	5.98	1195	11449.575	273.53	273.756
ML	80	D	276.338	27.45	2745	5729.578	276.078	276.598
ML	80	D	277.949	25.18	2518	5729.578	277.711	278.187
ML	80	D	279.098	16.92	1692	5729.578	278.938	279.258
ML	80	D	281.768	51.57	3438	3819.719	281.442	282.094

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	80	D	283.638	30.41	2644	4981.586	283.388	283.888
ML	80	D	287.786	18.23	1458	4582.405	287.648	287.924
ML	80	D	289.278	37.25	2483	3819.206	289.043	289.513
ML	80	D	293.143	17.55	1755	5729.578	292.977	293.309
ML	80	D	296.436	28.8	2880	5729.578	296.163	296.709
ML	80	D	298.743	23.93	2393	5729.578	298.516	298.97
ML	80	D	301.052	14.2	1420	5729.578	300.918	301.186
ML	80	D	302.772	8.77	877	5729.578	302.689	302.855
ML	80	D	304.971	29.3	1065	2082.594	304.87	305.072
ML	80	D	305.33	18.36	518	1616.515	305.281	305.379
ML	80	D	308.189	31.19	1779	3268.009	308.021	308.357
ML	80	D	309.684	55.18	1707	1772.452	309.522	309.846
ML	80	D	312.317	66.61	1800	1548.302	312.147	312.487
ML	80	D	314.495	19.63	3925	11456.237	314.123	314.867
ML	80	D	316.795	54.29	1390	1466.958	316.663	316.927
ML	80	D	317.888	25.27	1684	3818.207	317.729	318.047
ML	80	D	318.737	26.72	1336	2864.789	318.61	318.864
ML	80	D	319.22	13.02	744	3274.045	319.15	319.29
ML	80	D	319.632	59.08	1163	1127.877	319.522	319.742
ML	80	D	320.241	45.49	775	976.132	320.168	320.314
ML	80	D	320.604	36.73	524	817.397	320.554	320.654
ML	80	D	320.895	19.95	45	129.239	320.891	320.899
ML	80	D	321.181	19.45	997	2936.961	321.087	321.275
ML	80	D	321.938	25.4	1102	2485.825	321.834	322.042
ML	80	D	323.02	16.97	1697	5729.578	322.859	323.181
ML	80	D	323.513	32	780	1396.585	323.439	323.587
ML	80	D	323.875	33.83	853	1444.673	323.794	323.956
ML	80	D	324.296	24.68	834	1936.17	324.217	324.375
ML	80	D	325.131	39.9	1096	1573.839	325.027	325.235
ML	80	D	325.481	9.6	768	4583.662	325.408	325.554
ML	80	D	326.919	25.7	2056	4583.662	326.724	327.114
ML	80	D	327.477	19.18	1918	5729.578	327.295	327.659
ML	80	D	329.274	26.99	5397	11457.033	328.763	329.785
ML	80	D	330.55	13.48	1348	5729.578	330.422	330.678
ML	80	D	331.888	41.58	4158	5729.578	331.494	332.282
ML	80	D	333.268	33.17	3317	5729.578	332.954	333.582
ML	80	D	334.022	7.47	1493	11451.486	333.881	334.163
ML	80	D	334.939	4.13	413	5729.578	334.9	334.978
ML	80	D	335.827	24.78	3304	7639.437	335.514	336.14
ML	80	D	337.057	12.86	1272	5667.203	336.937	337.177
ML	80	D	338.507	9.63	949	5646.282	338.417	338.597
ML	80	D	338.756	11.41	1711	8591.856	338.594	338.918
ML	80	D	339.218	0.87	248	16332.59	339.195	339.241
ML	80	D	339.265	0.91	261	16433.185	339.24	339.29
ML	80	D	339.433	6.8	625	5266.156	339.374	339.492
ML	80	D	339.723	23.93	2403	5753.521	339.495	339.951
ML	80	D	340.478	3.23	856	15184.269	340.397	340.559
ML	80	D	340.741	11.32	785	3973.25	340.667	340.815
ML	80	D	341.03	33.41	2213	3795.138	340.82	341.24
ML	80	D	341.208	3.6	72	1145.916	341.201	341.215
ML	80	D	341.548	7.42	452	3490.255	341.505	341.591
ML	80	D	342.192	3.2	1280	22918.312	342.071	342.313
ML	80	D	342.203	7.42	453	3497.977	342.16	342.246
ML	80	D	342.462	3.19	388	6968.891	342.425	342.499
ML	80	D	342.504	0.6	53	5061.127	342.499	342.509
ML	80	D	342.536	0.58	50	4939.291	342.531	342.541
ML	80	D	342.598	0.64	56	5013.381	342.593	342.603
ML	80	D	342.634	0.61	54	5072.085	342.629	342.639
ML	80	D	343.005	8.49	1273	8590.993	342.884	343.126
ML	80	D	343.013	8.5	387	2608.643	342.976	343.05
ML	80	D	343.616	23.3	2330	5729.578	343.395	343.837
ML	80	D	343.629	23.31	713	1752.548	343.561	343.697
ML	80	D	344.42	10.52	2103	11453.71	344.221	344.619
ML	80	D	344.428	10.58	645	3492.985	344.367	344.489
ML	80	D	344.429	10.58	643	3482.154	344.368	344.49
ML	80	D	345.1	6.7	614	5250.688	345.042	345.158
ML	80	D	345.266	12.73	3820	17193.235	344.904	345.628
ML	80	D	345.272	12.76	1167	5240.139	345.161	345.383
ML	80	D	345.388	3.67	321	5011.429	345.358	345.418

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	80	D	345.577	2.27	208	5250.01	345.557	345.597
ML	80	D	346.056	28.43	2437	4911.355	345.825	346.287
ML	80	D	346.065	27.95	726	1488.255	345.996	346.134
ML	80	D	346.069	28.4	742	1496.953	345.999	346.139
ML	80	D	346.423	0.51	44	4943.165	346.419	346.427
ML	80	D	346.454	0.58	51	5038.077	346.449	346.459
ML	80	D	346.589	13	1300	5729.578	346.466	346.712
ML	80	D	346.594	12.96	396	1750.704	346.557	346.632
ML	80	D	346.595	12.96	395	1746.283	346.558	346.632
ML	80	D	347.362	5.45	1090	11459.156	347.259	347.465
ML	80	D	347.365	5.47	333	3488.025	347.333	347.397
ML	80	D	347.451	5.47	333	3488.025	347.419	347.483
ML	80	D	348.154	11.22	338	1726.023	348.122	348.186
ML	80	D	348.16	12.08	1208	5729.578	348.046	348.274
ML	80	D	348.162	12.07	367	1742.133	348.127	348.197
ML	80	D	348.269	0.38	34	5126.464	348.266	348.272
ML	80	D	348.316	1.34	117	5002.691	348.305	348.327
ML	80	D	348.398	0.88	77	5013.381	348.391	348.405
ML	80	D	348.45	0.98	87	5086.462	348.442	348.458
ML	80	D	348.626	0.8	69	4941.761	348.619	348.633
ML	80	D	348.675	0.99	87	5035.084	348.667	348.683
ML	80	D	349.322	9.52	952	5729.578	349.232	349.412
ML	80	D	349.851	14.17	1417	5729.578	349.717	349.985
ML	80	D	350.808	32.9	3290	5729.578	350.496	351.12
ML	80	D	352.131	11.33	1133	5729.578	352.024	352.238
ML	80	D	353.334	4.19	837	11445.481	353.255	353.413
ML	80	D	354.103	2.94	587	11439.668	354.047	354.159
ML	80	D	355.805	4.6	920	11459.156	355.718	355.892
ML	80	D	356.575	12.12	1212	5729.578	356.46	356.69
ML	80	D	358.769	23.16	1158	2864.789	358.659	358.879
ML	80	D	359.339	45	1080	1375.099	359.237	359.441
ML	80	D	360.209	16.58	1658	5729.578	360.052	360.366
ML	80	D	361.071	11.03	1103	5729.578	360.967	361.175
ML	80	D	363.886	9.66	1933	11465.087	363.703	364.069
ML	80	D	364.341	0.52	45	4958.289	364.337	364.345
ML	80	D	365.787	23.93	4785	11456.762	365.334	366.24
ML	80	D	367.218	9.15	1220	7639.437	367.102	367.334
ML	80	D	369.716	16.94	5351	18098.566	369.209	370.223
ML	80	D	371.321	16.94	5351	18098.566	370.814	371.828
ML	80	D	386.658	7.59	1517	11451.607	386.514	386.802
ML	80	D	387.208	8.12	1623	11452.1	387.054	387.362
ML	80	D	392.763	18.62	3723	11456.079	392.41	393.116
ML	80	D	398.633	53.96	3408	3618.681	398.31	398.956
ML	80	D	400.479	18.83	1883	5729.578	400.301	400.657
ML	80	D	401.308	66.53	2061	1774.938	401.113	401.503
ML	80	D	402.179	55.58	1723	1776.19	402.016	402.342
ML	80	I	0.222	26.34	1756	3819.719	0.056	0.388
ML	80	I	1.599	31.27	4690	8593.451	1.155	2.043
ML	80	I	3.734	68.13	1971	1657.566	3.547	3.921
ML	80	I	4.33	47.42	2496	3015.822	4.094	4.566
ML	80	I	5.041	54.04	2844	3015.344	4.772	5.31
ML	80	I	5.613	53.73	1371	1461.986	5.483	5.743
ML	80	I	6.303	15.72	3143	11455.511	6.005	6.601
ML	80	I	7.132	6.15	2460	22918.312	6.899	7.365
ML	80	I	9.041	49.29	9857	11457.993	8.108	9.974
ML	80	I	10.699	62.23	3275	3015.325	10.389	11.009
ML	80	I	11.897	57.95	3864	3820.378	11.531	12.263
ML	80	I	12.844	37.95	2529	3818.209	12.605	13.083
ML	80	I	13.539	52.36	2753	3012.515	13.278	13.8
ML	80	I	15.573	11.94	1196	5739.175	15.46	15.686
ML	80	I	16.602	12.73	1258	5662.065	16.483	16.721
ML	80	I	18.065	36.02	1601	2546.656	17.913	18.217
ML	80	I	19.037	6.55	348	3044.112	19.004	19.07
ML	80	I	21.277	37.45	1971	3015.487	21.09	21.464
ML	80	I	27.737	24.93	2505	5757.157	27.5	27.974
ML	80	I	32.8	13.79	2758	11459.156	32.539	33.061
ML	80	I	35.322	21.68	8670	22913.026	34.501	36.143
ML	80	I	38.186	30.9	3090	5729.578	37.893	38.479
ML	80	I	39.559	22.43	2991	7640.289	39.276	39.842

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	80	I	40.893	6.78	1357	11467.607	40.764	41.022
ML	80	I	42.267	7.54	1508	11459.156	42.124	42.41
ML	80	I	44.005	3.93	1573	22932.891	43.856	44.154
ML	80	I	45.133	22.53	4507	11461.699	44.706	45.56
ML	80	I	46.263	20.07	4013	11456.301	45.883	46.643
ML	80	I	48.293	19.5	3900	11459.156	47.924	48.662
ML	80	I	50.11	19.61	1971	5758.796	49.923	50.297
ML	80	I	51.235	52.72	5257	5713.276	50.737	51.733
ML	80	I	52.359	42.76	4287	5744.317	51.953	52.765
ML	80	I	53.838	12.21	2450	11496.696	53.606	54.07
ML	80	I	57.669	14.4	2880	11459.156	57.396	57.942
ML	80	I	60.292	13.97	2793	11455.055	60.028	60.556
ML	80	I	66.304	47.72	5970	7167.976	65.739	66.869
ML	80	I	67.328	16.46	3293	11462.637	67.016	67.64
ML	80	I	70.095	2.36	942	22869.756	70.006	70.184
ML	80	I	78.317	4.2	840	11459.156	78.237	78.397
ML	80	I	81.848	33.23	3323	5729.578	81.533	82.163
ML	80	I	82.946	25.98	2598	5729.578	82.7	83.192
ML	80	I	84.103	16.53	1653	5729.578	83.946	84.26
ML	80	I	85.101	55.25	4144	4297.443	84.709	85.493
ML	80	I	85.815	18.73	1873	5729.578	85.638	85.992
ML	80	I	86.593	22.27	1670	4296.54	86.435	86.751
ML	80	I	86.937	13.63	1363	5729.578	86.808	87.066
ML	80	I	87.298	23.94	1596	3819.719	87.147	87.449
ML	80	I	89.098	27.72	504	1041.741	89.05	89.146
ML	80	I	89.438	37.44	828	1267.118	89.36	89.516
ML	80	I	89.958	9.5	950	5729.578	89.868	90.048
ML	80	I	90.311	7.77	777	5729.578	90.237	90.385
ML	80	I	90.682	10.17	1017	5729.578	90.586	90.778
ML	80	I	92.511	36.11	2889	4583.98	92.237	92.785
ML	80	I	93.388	19.38	1938	5729.578	93.204	93.572
ML	80	I	94.13	25.95	1730	3819.719	93.966	94.294
ML	80	I	94.68	46.98	1949	2376.958	94.495	94.865
ML	80	I	95.342	37.74	1487	2257.521	95.201	95.483
ML	80	I	97.242	5.3	1059	11448.345	97.142	97.342
ML	80	I	97.928	7.67	1533	11451.686	97.783	98.073
ML	80	I	100.457	3.99	797	11444.796	100.382	100.532
ML	80	I	102.523	37.77	3777	5729.578	102.165	102.881
ML	80	I	104.388	36.8	1422	2213.984	104.253	104.523
ML	80	I	105.446	62.08	3386	3125.057	105.125	105.767
ML	80	I	106.442	36.81	2005	3120.838	106.252	106.632
ML	80	I	107.526	102.47	5589	3125.072	106.997	108.055
ML	80	I	108.256	28.76	1158	2306.972	108.146	108.366
ML	80	I	109.231	47	3133	3819.312	108.934	109.528
ML	80	I	109.998	22.53	2253	5729.578	109.785	110.211
ML	80	I	113.709	13.95	1395	5729.578	113.577	113.841
ML	80	I	115.828	17.17	1717	5729.578	115.665	115.991
ML	80	I	120.154	19.38	1938	5729.578	119.97	120.338
ML	80	I	120.996	9.41	1881	11453.067	120.818	121.174
ML	80	I	122.145	32.5	3900	6875.494	121.776	122.514
ML	80	I	122.675	39.41	1160	1686.453	122.565	122.785
ML	80	I	123.459	47.05	3764	4583.662	123.103	123.815
ML	80	I	124.589	37.24	2979	4583.355	124.307	124.871
ML	80	I	125.42	26.66	933	2005.137	125.332	125.508
ML	80	I	126.295	33.94	2715	4583.325	126.038	126.552
ML	80	I	127.788	20.1	2010	5729.578	127.598	127.978
ML	80	I	128.942	34.88	895	1470.176	128.857	129.027
ML	80	I	129.695	16.36	1309	4584.363	129.571	129.819
ML	80	I	131.373	9.95	1990	11459.156	131.185	131.561
ML	80	I	133.103	35.83	3583	5729.578	132.764	133.442
ML	80	I	135.797	39.34	7867	11457.699	135.052	136.542
ML	80	I	138.276	9.07	1814	11459.156	138.104	138.448
ML	80	I	140.186	16.61	3322	11459.156	139.871	140.501
ML	80	I	142.011	5.1	1021	11470.39	141.914	142.108
ML	80	I	150.493	1.17	467	22869.341	150.449	150.537
ML	80	I	151.63	1.17	468	22918.312	151.586	151.674
ML	80	I	153.626	2.07	413	11431.477	153.587	153.665
ML	80	I	157.086	14.43	1443	5729.578	156.949	157.223
ML	80	I	164.045	8.18	1635	11452.152	163.89	164.2

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	80	I	166.077	5.55	1665	17188.734	165.919	166.235
ML	80	I	172.988	21.2	2120	5729.578	172.787	173.189
ML	80	I	175.306	9.67	967	5729.578	175.214	175.398
ML	80	I	178.328	19.13	4783	14325.442	177.875	178.781
ML	80	I	179.887	16.05	2407	8592.582	179.659	180.115
ML	80	I	181.023	30.55	3055	5729.578	180.734	181.312
ML	80	I	190.341	11.44	2288	11459.156	190.124	190.558
ML	80	I	195.075	11	3300	17188.734	194.763	195.388
ML	80	I	204.111	8.22	2465	17181.764	203.878	204.344
ML	80	I	205.841	29.25	5850	11459.156	205.287	206.395
ML	80	I	208.454	25.99	5569	12277.037	207.927	208.981
ML	80	I	211.457	14	400	1637.022	211.419	211.495
ML	80	I	211.797	47.78	840	1007.293	211.717	211.877
ML	80	I	212.109	9.1	245	1542.579	212.086	212.132
ML	80	I	212.419	10.4	1040	5729.578	212.321	212.517
ML	80	I	214.221	38.75	3655	5404.286	213.875	214.567
ML	80	I	215.72	49.93	1647	1889.969	215.564	215.876
ML	80	I	217.075	10.17	2033	11453.522	216.882	217.268
ML	80	I	219.447	38.86	962	1418.388	219.356	219.538
ML	80	I	220.209	42.09	1216	1655.302	220.094	220.324
ML	80	I	221.021	11.37	2274	11459.156	220.806	221.236
ML	80	I	221.724	28.36	1592	3216.322	221.573	221.875
ML	80	I	222.388	29.28	2928	5729.578	222.111	222.665
ML	80	I	228.461	6.47	1293	11450.3	228.339	228.583
ML	80	I	230.317	16.84	3367	11455.754	229.998	230.636
ML	80	I	242.131	11.76	1176	5729.578	242.02	242.242
ML	80	I	244.505	17.43	1744	5732.865	244.34	244.67
ML	80	I	246.366	35.96	3595	5727.985	246.026	246.706
ML	80	I	249.191	5.53	553	5729.578	249.139	249.243
ML	80	I	250.751	7.15	714	5721.565	250.683	250.819
ML	80	I	251.432	21.77	2177	5729.578	251.226	251.638
ML	80	I	252.095	68.3	2231	1871.55	251.884	252.306
ML	80	I	253.294	31.56	2524	4582.21	253.055	253.533
ML	80	I	253.968	40.2	3236	4612.168	253.662	254.274
ML	80	I	256.594	14.98	5990	22910.662	256.027	257.161
ML	80	I	257.826	38.84	3141	4633.523	257.529	258.123
ML	80	I	258.864	22.6	1807	4581.127	258.693	259.035
ML	80	I	259.929	41.01	3281	4583.942	259.618	260.24
ML	80	I	260.81	5.57	2227	22908.025	260.599	261.021
ML	80	I	261.339	18	1800	5729.578	261.169	261.509
ML	80	I	262.034	46.31	3705	4583.91	261.683	262.385
ML	80	I	265.311	20.05	2005	5729.578	265.121	265.501
ML	80	I	266.71	27.59	2207	4583.247	266.501	266.919
ML	80	I	267.858	25.8	2580	5729.578	267.614	268.102
ML	80	I	269.714	43.81	3983	5209.064	269.337	270.091
ML	80	I	271.623	58.56	2528	2473.424	271.384	271.862
ML	80	I	272.648	31.8	1190	2144.087	272.535	272.761
ML	80	I	273.743	5.98	1195	11449.575	273.63	273.856
ML	80	I	276.437	27.45	2745	5729.578	276.177	276.697
ML	80	I	278.045	25.18	2518	5729.578	277.807	278.283
ML	80	I	279.197	16.92	1692	5729.578	279.037	279.357
ML	80	I	280.374	1.01	403	22861.583	280.336	280.412
ML	80	I	281.299	27.69	1846	3819.719	281.124	281.474
ML	80	I	281.895	45.26	2263	2864.789	281.681	282.109
ML	80	I	283.066	11.93	1193	5729.578	282.953	283.179
ML	80	I	283.753	29	2900	5729.578	283.478	284.028
ML	80	I	287.95	18.23	1458	4582.405	287.812	288.088
ML	80	I	289.363	37.25	2483	3819.206	289.128	289.598
ML	80	I	293.168	17.55	1755	5729.578	293.002	293.334
ML	80	I	296.436	28.8	2880	5729.578	296.163	296.709
ML	80	I	298.854	23.93	2393	5729.578	298.627	299.081
ML	80	I	301.16	14.2	1420	5729.578	301.026	301.294
ML	80	I	302.877	8.77	877	5729.578	302.794	302.96
ML	80	I	305.078	29.3	1065	2082.594	304.977	305.179
ML	80	I	305.448	18.36	518	1616.515	305.399	305.497
ML	80	I	308.311	31.19	1779	3268.009	308.143	308.479
ML	80	I	309.806	55.18	1707	1772.452	309.644	309.968
ML	80	I	312.323	66.61	1800	1548.302	312.153	312.493
ML	80	I	314.618	19.63	3925	11456.237	314.246	314.99

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	80	I	316.923	54.29	1390	1466.958	316.791	317.055
ML	80	I	318.148	22.13	2213	5729.578	317.938	318.358
ML	80	I	318.704	29.88	1992	3819.719	318.515	318.893
ML	80	I	319.343	13.02	744	3274.045	319.273	319.413
ML	80	I	319.755	59.08	1163	1127.877	319.645	319.865
ML	80	I	320.366	45.49	775	976.132	320.293	320.439
ML	80	I	320.729	36.73	524	817.397	320.679	320.779
ML	80	I	321.021	19.95	45	129.239	321.017	321.025
ML	80	I	321.307	19.45	997	2936.961	321.213	321.401
ML	80	I	322.064	25.4	1102	2485.825	321.96	322.168
ML	80	I	323.146	16.97	1697	5729.578	322.985	323.307
ML	80	I	323.638	32	780	1396.585	323.564	323.712
ML	80	I	323.999	33.83	853	1444.673	323.918	324.08
ML	80	I	324.418	24.68	834	1936.17	324.339	324.497
ML	80	I	325.239	31.92	1096	1967.299	325.135	325.343
ML	80	I	325.617	9.6	768	4583.662	325.544	325.69
ML	80	I	327.012	25.7	2056	4583.662	326.817	327.207
ML	80	I	327.568	19.18	1918	5729.578	327.386	327.75
ML	80	I	329.389	26.99	5397	11457.033	328.878	329.9
ML	80	I	330.67	13.48	1348	5729.578	330.542	330.798
ML	80	I	332.288	19.06	1906	5729.578	332.108	332.468
ML	80	I	333.631	38.37	3837	5729.578	333.268	333.994
ML	80	I	334.992	8.07	807	5729.578	334.916	335.068
ML	80	I	335.882	24.78	3304	7639.437	335.569	336.195
ML	80	I	337.177	12.86	1300	5791.953	337.054	337.3
ML	80	I	338.366	3.28	1883	32892.669	338.188	338.544
ML	80	I	338.8	17.76	2665	8597.593	338.548	339.052
ML	80	I	339.34	0.98	282	16487.153	339.313	339.367
ML	80	I	339.398	0.94	270	16457.298	339.372	339.424
ML	80	I	339.606	11.49	1196	5963.947	339.493	339.719
ML	80	I	339.9	19.24	1916	5705.754	339.719	340.081
ML	80	I	340.641	3.26	1195	21002.594	340.528	340.754
ML	80	I	340.85	5.49	254	2650.843	340.826	340.874
ML	80	I	341.135	39.28	2635	3843.543	340.885	341.385
ML	80	I	341.359	3.6	73	1161.831	341.352	341.366
ML	80	I	341.679	7.42	452	3490.255	341.636	341.722
ML	80	I	342.322	3.2	1280	22918.312	342.201	342.443
ML	80	I	342.329	3.19	389	6986.852	342.292	342.366
ML	80	I	342.576	3.19	389	6986.852	342.539	342.613
ML	80	I	342.609	0.72	63	5013.381	342.603	342.615
ML	80	I	342.72	70	61	49.929	342.714	342.726
ML	80	I	342.76	0.72	62	4933.803	342.754	342.766
ML	80	I	343.116	8.49	1273	8590.993	342.995	343.237
ML	80	I	343.12	8.5	388	2615.384	343.083	343.157
ML	80	I	343.725	23.3	2330	5729.578	343.504	343.946
ML	80	I	343.733	23.31	707	1737.8	343.666	343.8
ML	80	I	343.734	23.31	710	1745.174	343.667	343.801
ML	80	I	344.527	10.52	2103	11453.71	344.328	344.726
ML	80	I	344.53	10.58	646	3498.4	344.469	344.591
ML	80	I	344.531	10.58	645	3492.985	344.47	344.592
ML	80	I	345.224	7.6	694	5232.009	345.158	345.29
ML	80	I	345.369	12.73	3820	17193.235	345.007	345.731
ML	80	I	345.371	12.76	1167	5240.139	345.26	345.482
ML	80	I	345.52	3.03	264	4992.108	345.495	345.545
ML	80	I	345.666	2.37	206	4980.139	345.646	345.686
ML	80	I	346.161	28.43	2437	4911.355	345.93	346.392
ML	80	I	346.171	28.4	742	1496.953	346.101	346.241
ML	80	I	346.172	28.71	753	1502.742	346.101	346.243
ML	80	I	346.416	0.43	38	5063.348	346.412	346.42
ML	80	I	346.447	0.72	63	5013.381	346.441	346.453
ML	80	I	346.54	0.84	73	4979.276	346.533	346.547
ML	80	I	346.695	13	1300	5729.578	346.572	346.818
ML	80	I	346.696	12.96	395	1746.283	346.659	346.733
ML	80	I	346.701	12.5	379	1737.208	346.665	346.737
ML	80	I	347.38	5.47	333	3488.025	347.348	347.412
ML	80	I	347.466	5.47	333	3488.025	347.434	347.498
ML	80	I	347.467	5.45	1090	11459.156	347.364	347.57
ML	80	I	348.263	12.07	367	1742.133	348.228	348.298
ML	80	I	348.264	12.07	372	1765.868	348.229	348.299

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	80	I	348.265	12.08	1208	5729.578	348.151	348.379
ML	80	I	348.401	0.79	69	5004.315	348.394	348.408
ML	80	I	348.439	0.63	55	5002.012	348.434	348.444
ML	80	I	348.503	0.98	85	4969.532	348.495	348.511
ML	80	I	348.552	0.82	72	5030.849	348.545	348.559
ML	80	I	348.746	0.74	64	4955.311	348.74	348.752
ML	80	I	348.789	0.84	73	4979.276	348.782	348.796
ML	80	I	349.426	9.52	952	5729.578	349.336	349.516
ML	80	I	349.955	14.17	1417	5729.578	349.821	350.089
ML	80	I	350.911	32.9	3290	5729.578	350.599	351.223
ML	80	I	352.233	11.33	1133	5729.578	352.126	352.34
ML	80	I	353.436	4.19	837	11445.481	353.357	353.515
ML	80	I	354.205	2.94	587	11439.668	354.149	354.261
ML	80	I	355.908	4.6	920	11459.156	355.821	355.995
ML	80	I	356.678	12.12	1212	5729.578	356.563	356.793
ML	80	I	358.841	23.16	1158	2864.789	358.731	358.951
ML	80	I	359.439	45	1080	1375.099	359.337	359.541
ML	80	I	360.307	16.58	1658	5729.578	360.15	360.464
ML	80	I	361.174	11.03	1103	5729.578	361.07	361.278
ML	80	I	363.898	9.66	1933	11465.087	363.715	364.081
ML	80	I	365.867	23.91	4782	11459.156	365.414	366.32
ML	80	I	367.178	9.16	1221	7637.352	367.062	367.294
ML	80	I	370.301	34.83	10448	17187.089	369.312	371.29
ML	80	I	386.693	10.01	2002	11459.156	386.503	386.883
ML	80	I	387.197	10.54	2108	11459.156	386.997	387.397
ML	80	I	392.74	18.62	3723	11456.079	392.387	393.093
ML	80	I	398.632	53.96	3408	3618.681	398.309	398.955
ML	80	I	400.479	18.83	1883	5729.578	400.301	400.657
ML	80	I	401.308	66.53	2061	1774.938	401.113	401.503
ML	80	I	402.18	55.58	1723	1776.19	402.017	402.343
ML	90	D	1.035	55.28	4423	4584.284	0.616	1.454
ML	90	D	1.972	5.37	1073	11448.486	1.87	2.074
ML	90	D	2.597	27.69	2769	5729.578	2.335	2.859
ML	90	D	3.631	44.84	2989	3819.293	3.348	3.914
ML	90	D	4.302	20.55	1644	4583.662	4.146	4.458
ML	90	D	4.749	6.63	1327	11467.798	4.623	4.875
ML	90	D	5.226	16.3	1630	5729.578	5.072	5.38
ML	90	D	5.992	19.25	1925	5729.578	5.81	6.174
ML	90	D	6.519	11.75	1175	5729.578	6.408	6.63
ML	90	D	7.561	6.92	1383	11450.876	7.43	7.692
ML	90	D	8.188	40.27	1613	2294.961	8.035	8.341
ML	90	D	8.945	58.98	4719	4584.245	8.498	9.392
ML	90	D	9.906	19.73	2631	7640.405	9.657	10.155
ML	90	D	10.797	8.48	1696	11459.156	10.636	10.958
ML	90	D	12.315	27.58	1839	3820.411	12.141	12.489
ML	90	D	12.97	23.43	2344	5732.023	12.748	13.192
ML	90	D	13.51	5.45	726	7632.429	13.441	13.579
ML	90	D	14.226	11.7	1560	7639.437	14.078	14.374
ML	90	D	14.688	10.64	1064	5729.578	14.587	14.789
ML	90	D	15.691	26.39	2639	5729.578	15.441	15.941
ML	90	D	15.264	25.76	1717	3818.977	15.101	15.427
ML	90	D	17.674	20.23	4045	11456.324	17.291	18.057
ML	90	D	19.143	44.69	4469	5729.578	18.72	19.566
ML	90	D	21.958	41.57	2771	3819.259	21.696	22.22
ML	90	D	22.97	11.5	1150	5729.578	22.861	23.079
ML	90	D	26.301	32.58	3258	5729.578	25.992	26.61
ML	90	D	27.998	35.09	3553	5801.422	27.662	28.334
ML	90	D	28.892	25.07	3342	7637.914	28.576	29.208
ML	90	D	29.989	20.55	1370	3819.719	29.859	30.119
ML	90	D	30.514	50.68	1527	1726.335	30.369	30.659
ML	90	D	31.162	58.12	3059	3015.619	30.872	31.452
ML	90	D	31.894	51.18	2159	2416.991	31.69	32.098
ML	90	D	32.761	13.68	1368	5729.578	32.631	32.891
ML	90	D	34.1	14.6	1460	5729.578	33.962	34.238
ML	90	D	34.628	19.5	1950	5729.578	34.443	34.813
ML	90	D	35.182	10.48	1048	5729.578	35.083	35.281
ML	90	D	36.344	2.71	1082	22876.027	36.242	36.446
ML	90	D	37.525	33.78	3378	5729.578	37.205	37.845
ML	90	D	38.272	50.19	2828	3228.381	38.004	38.54

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	90	D	39.205	11.67	2444	11999.219	38.974	39.436
ML	90	D	39.969	20.52	1254	3501.409	39.85	40.088
ML	90	D	40.831	21.6	1728	4583.662	40.667	40.995
ML	90	D	41.112	25.12	2009	4582.294	40.922	41.302
ML	90	D	41.972	21.79	2179	5729.578	41.766	42.178
ML	90	D	42.623	16.36	1636	5729.578	42.468	42.778
ML	90	D	43.295	11.99	1198	5724.799	43.182	43.408
ML	90	D	43.968	5.36	535	5718.888	43.917	44.019
ML	90	D	44.675	25.13	2512	5727.298	44.437	44.913
ML	90	D	45.471	14.9	1490	5729.578	45.33	45.612
ML	90	D	51.896	20.71	2071	5729.578	51.7	52.092
ML	90	D	52.736	9.31	930	5723.424	52.648	52.824
ML	90	D	55.393	21.3	2129	5726.888	55.191	55.595
ML	90	D	56.763	9.5	950	5729.578	56.673	56.853
ML	90	D	57.046	7.44	744	5729.578	56.976	57.116
ML	90	D	57.911	19.2	1920	5729.578	57.729	58.093
ML	90	D	58.976	29.3	2930	5729.578	58.699	59.253
ML	90	D	61.283	16.48	1649	5733.055	61.127	61.439
ML	90	D	63.246	11.96	2393	11463.947	63.019	63.473
ML	90	D	64.659	30.59	4078	7638.189	64.273	65.045
ML	90	D	66.767	17.1	1710	5729.578	66.605	66.929
ML	90	D	68.557	25.19	5037	11456.881	68.08	69.034
ML	90	D	70.143	33.13	3313	5729.578	69.829	70.457
ML	90	D	71.759	38.89	3111	4583.368	71.464	72.054
ML	90	D	72.517	24.83	3311	7640.206	72.203	72.831
ML	90	D	74.019	27.32	2732	5729.578	73.76	74.278
ML	90	D	75.21	22.5	2250	5729.578	74.997	75.423
ML	90	D	75.918	25.68	2568	5729.578	75.675	76.161
ML	90	D	77.685	49.48	4948	5729.578	77.216	78.154
ML	90	D	80.498	60.32	6032	5729.578	79.927	81.069
ML	90	D	82.664	74.68	7468	5729.578	81.957	83.371
ML	90	D	83.949	7.77	1553	11451.782	83.802	84.096
ML	90	D	85.791	31.31	2087	3819.109	85.593	85.989
ML	90	D	85.793	31.47	2103	3828.822	85.594	85.992
ML	90	D	86.313	55.23	1841	1909.859	86.139	86.487
ML	90	D	87.263	28.35	3542	7158.436	86.928	87.598
ML	90	D	88.585	58.93	3270	3179.318	88.275	88.895
ML	90	D	89.723	57.45	3830	3819.719	89.36	90.086
ML	90	D	90.459	34.71	2314	3819.719	90.24	90.678
ML	90	D	92.277	28.18	2818	5729.578	92.01	92.544
ML	90	D	93.778	29.02	2902	5729.578	93.503	94.053
ML	90	D	95.481	39.78	2652	3819.719	95.23	95.732
ML	90	D	98.078	6.15	1230	11459.156	97.962	98.194
ML	90	D	99.753	29.23	2923	5729.578	99.476	100.03
ML	90	D	101.451	68.99	4599	3819.442	101.015	101.887
ML	90	D	102.226	28.43	2843	5729.578	101.957	102.495
ML	90	D	103.027	41.08	4108	5729.578	102.638	103.416
ML	90	D	104.608	31.71	2114	3819.719	104.408	104.808
ML	90	D	105.152	12.92	2583	11454.721	104.907	105.397
ML	90	D	105.91	14.25	2850	11459.156	105.64	106.18
ML	90	D	106.912	27.52	2752	5729.578	106.651	107.173
ML	90	D	107.648	18.47	1847	5729.578	107.473	107.823
ML	90	D	108.434	48.08	2124	2531.12	108.233	108.635
ML	90	D	109.014	48.06	2123	2530.981	108.813	109.215
ML	90	D	109.759	14.33	1433	5729.578	109.623	109.895
ML	90	D	110.32	4.53	453	5729.578	110.277	110.363
ML	90	D	111.597	5.5	550	5729.578	111.545	111.649
ML	90	D	112.163	28	2800	5729.578	111.898	112.428
ML	90	D	113.036	63.93	4260	3817.926	112.633	113.439
ML	90	D	115.575	24.59	2461	5734.238	115.342	115.808
ML	90	D	117.159	14.08	1407	5725.509	117.026	117.292
ML	90	D	118.154	24.78	2478	5729.578	117.919	118.389
ML	90	D	119.356	5.97	597	5729.578	119.299	119.413
ML	90	D	120.229	15.55	1555	5729.578	120.082	120.376
ML	90	D	123.552	4.6	504	6277.625	123.504	123.6
ML	90	D	124.315	32.64	3239	5685.693	124.008	124.622
ML	90	D	125.79	39.66	1611	2327.37	125.637	125.943
ML	90	D	127.305	59.79	2586	2478.122	127.06	127.55
ML	90	D	128.52	62.73	2009	1834.963	128.33	128.71

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	90	D	129.417	4.15	1245	17188.734	129.299	129.535
ML	90	D	132.088	35.25	7050	11459.156	131.42	132.756
ML	90	D	132.979	10.64	1064	5729.578	132.878	133.08
ML	90	D	133.84	29.07	2907	5729.578	133.565	134.115
ML	90	D	135.235	13.6	1360	5729.578	135.106	135.364
ML	90	D	136.062	23.57	2357	5729.578	135.839	136.285
ML	90	D	138.649	16.55	1655	5729.578	138.492	138.806
ML	90	D	139.553	18	1800	5729.578	139.383	139.723
ML	90	D	144.082	27.68	2768	5729.578	143.82	144.344
ML	90	D	145.214	25.67	2053	4582.323	145.02	145.408
ML	90	D	146.685	3.7	1480	22918.312	146.545	146.825
ML	90	D	148.504	24.13	1931	4585.087	148.321	148.687
ML	90	D	149.338	16.9	1690	5729.578	149.178	149.498
ML	90	D	151.037	12.87	1287	5729.578	150.915	151.159
ML	90	D	152.039	35.99	2879	4583.344	151.766	152.312
ML	90	D	152.629	4.98	995	11447.651	152.535	152.723
ML	90	D	153.845	10.95	2190	11459.156	153.638	154.052
ML	90	D	154.418	18.8	1253	3818.703	154.299	154.537
ML	90	D	154.799	28.86	1924	3819.719	154.617	154.981
ML	90	D	155.848	24.95	2495	5729.578	155.612	156.084
ML	90	D	156.494	18.72	1872	5729.578	156.317	156.671
ML	90	D	159.609	3.87	1547	22903.507	159.463	159.755
ML	90	D	163.606	3.29	657	11441.741	163.544	163.668
ML	90	D	163.891	3.29	657	11441.741	163.829	163.953
ML	90	D	164.91	11.4	2280	11459.156	164.694	165.126
ML	90	D	166.126	16.55	1655	5729.578	165.969	166.283
ML	90	D	167.033	1.83	611	19129.902	166.975	167.091
ML	90	D	167.222	1.83	611	19129.902	167.164	167.28
ML	90	D	169.703	3.96	792	11459.156	169.628	169.778
ML	90	D	170.567	59.2	2681	2594.763	170.313	170.821
ML	90	D	172.126	49.48	1579	1828.416	171.976	172.276
ML	90	D	172.724	15.96	1596	5729.578	172.573	172.875
ML	90	D	173.211	30.96	1269	2348.461	173.091	173.331
ML	90	D	174.456	40.19	6697	9547.396	173.822	175.09
ML	90	D	175.564	71.11	3951	3183.457	175.19	175.938
ML	90	D	176.43	19.16	3194	9551.29	176.128	176.732
ML	90	D	177.034	4.81	1186	14127.4	176.922	177.146
ML	90	D	177.557	81.17	5598	3951.482	177.027	178.087
ML	90	D	178.757	9.51	1901	11453.131	178.577	178.937
ML	90	D	180.287	13.5	1350	5729.578	180.159	180.415
ML	90	D	180.955	24.63	2463	5729.578	180.722	181.188
ML	90	D	181.665	41.37	3447	4773.956	181.339	181.991
ML	90	D	182.452	35.08	1949	3183.28	182.267	182.637
ML	90	D	184.169	54.03	3602	3819.719	183.828	184.51
ML	90	D	185.055	87.42	3147	2062.569	184.757	185.353
ML	90	D	185.747	75.83	3392	2562.934	185.426	186.068
ML	90	D	186.852	30.73	3073	5729.578	186.561	187.143
ML	90	D	187.996	25.95	2076	4583.662	187.799	188.193
ML	90	D	188.445	17.73	1773	5729.578	188.277	188.613
ML	90	D	190.703	2.82	564	11459.156	190.65	190.756
ML	90	D	192.489	22.55	2255	5729.578	192.275	192.703
ML	90	D	193.739	12.29	2458	11459.156	193.506	193.972
ML	90	D	195.582	15.39	1539	5729.578	195.436	195.728
ML	90	D	197.234	16.2	1296	4583.662	197.111	197.357
ML	90	D	198.829	32.37	6937	12278.678	198.172	199.486
ML	90	D	200.143	32.37	6937	12278.678	199.486	200.8
ML	90	D	201.194	5.59	1117	11448.906	201.088	201.3
ML	90	D	202.07	16.25	3250	11459.156	201.762	202.378
ML	90	D	202.871	2.96	591	11439.799	202.815	202.927
ML	90	D	204.091	22.11	4422	11459.156	203.672	204.51
ML	90	D	206.122	2.9	1159	22898.555	206.012	206.232
ML	90	I	1.035	55.28	4423	4584.284	0.616	1.454
ML	90	I	1.972	5.37	1073	11448.486	1.87	2.074
ML	90	I	2.598	27.69	2769	5729.578	2.336	2.86
ML	90	I	3.631	44.84	2989	3819.293	3.348	3.914
ML	90	I	4.304	20.55	1644	4583.662	4.148	4.46
ML	90	I	4.755	6.63	1327	11467.798	4.629	4.881
ML	90	I	5.235	16.3	1630	5729.578	5.081	5.389
ML	90	I	6.008	19.25	1925	5729.578	5.826	6.19

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	90	I	6.535	11.75	1175	5729.578	6.424	6.646
ML	90	I	7.568	6.92	1383	11450.876	7.437	7.699
ML	90	I	8.19	40.27	1613	2294.961	8.037	8.343
ML	90	I	8.945	58.98	4719	4584.245	8.498	9.392
ML	90	I	9.906	19.73	2631	7640.405	9.657	10.155
ML	90	I	10.798	8.48	1696	11459.156	10.637	10.959
ML	90	I	12.354	27.58	1839	3820.411	12.18	12.528
ML	90	I	12.988	23.43	2344	5732.023	12.766	13.21
ML	90	I	13.528	5.45	726	7632.429	13.459	13.597
ML	90	I	14.244	11.7	1560	7639.437	14.096	14.392
ML	90	I	14.7	10.64	1064	5729.578	14.599	14.801
ML	90	I	15.693	26.39	2639	5729.578	15.443	15.943
ML	90	I	15.264	25.76	1717	3818.977	15.101	15.427
ML	90	I	17.674	20.23	4045	11456.324	17.291	18.057
ML	90	I	19.143	44.69	4469	5729.578	18.72	19.566
ML	90	I	21.956	41.57	2771	3819.259	21.694	22.218
ML	90	I	22.97	11.5	1150	5729.578	22.861	23.079
ML	90	I	26.303	32.58	3262	5736.612	25.994	26.612
ML	90	I	27.999	35.09	3465	5657.734	27.671	28.327
ML	90	I	28.874	25.07	3342	7637.914	28.558	29.19
ML	90	I	29.986	20.55	1370	3819.719	29.856	30.116
ML	90	I	30.501	50.68	1527	1726.335	30.356	30.646
ML	90	I	31.146	58.12	3059	3015.619	30.856	31.436
ML	90	I	31.875	51.18	2159	2416.991	31.671	32.079
ML	90	I	32.769	13.68	1368	5729.578	32.639	32.899
ML	90	I	34.103	14.6	1460	5729.578	33.965	34.241
ML	90	I	34.629	19.5	1950	5729.578	34.444	34.814
ML	90	I	35.182	10.48	1048	5729.578	35.083	35.281
ML	90	I	36.342	2.71	1082	22876.027	36.24	36.444
ML	90	I	37.523	33.78	3378	5729.578	37.203	37.843
ML	90	I	38.244	50.19	2628	3000.066	37.995	38.493
ML	90	I	39.193	11.67	2444	11999.219	38.962	39.424
ML	90	I	39.988	20.52	1254	3501.409	39.869	40.107
ML	90	I	40.817	21.6	1728	4583.662	40.653	40.981
ML	90	I	41.097	25.12	2009	4582.294	40.907	41.287
ML	90	I	41.953	21.79	2179	5729.578	41.747	42.159
ML	90	I	42.606	16.36	1636	5729.578	42.451	42.761
ML	90	I	43.279	11.99	1198	5724.799	43.166	43.392
ML	90	I	43.953	5.36	535	5718.888	43.902	44.004
ML	90	I	44.661	25.13	2512	5727.298	44.423	44.899
ML	90	I	45.475	14.9	1490	5729.578	45.334	45.616
ML	90	I	47.35	31.36	1168	2133.975	47.239	47.461
ML	90	I	48.936	7.52	752	5729.578	48.865	49.007
ML	90	I	51.89	20.71	2071	5729.578	51.694	52.086
ML	90	I	52.731	9.31	930	5723.424	52.643	52.819
ML	90	I	55.386	21.3	2129	5726.888	55.184	55.588
ML	90	I	56.442	19.84	992	2864.789	56.348	56.536
ML	90	I	56.782	32.04	1068	1909.859	56.681	56.883
ML	90	I	57.101	14.26	713	2864.789	57.033	57.169
ML	90	I	57.927	19.2	1920	5729.578	57.745	58.109
ML	90	I	58.855	27.78	1853	3821.781	58.68	59.03
ML	90	I	61.246	17.99	1800	5732.763	61.076	61.416
ML	90	I	63.197	11.96	1197	5734.369	63.084	63.31
ML	90	I	64.643	30.59	2447	4583.288	64.411	64.875
ML	90	I	66.76	17.1	1710	5729.578	66.598	66.922
ML	90	I	68.561	25.19	5037	11456.881	68.084	69.038
ML	90	I	70.121	33.13	3313	5729.578	69.807	70.435
ML	90	I	71.748	38.89	3111	4583.368	71.453	72.043
ML	90	I	72.498	24.83	1655	3818.949	72.341	72.655
ML	90	I	74.037	40.83	2722	3819.719	73.779	74.295
ML	90	I	74.785	40.83	2722	3819.719	74.527	75.043
ML	90	I	75.912	25.68	2568	5729.578	75.669	76.155
ML	90	I	77.692	49.48	4948	5729.578	77.223	78.161
ML	90	I	80.498	60.32	6032	5729.578	79.927	81.069
ML	90	I	82.637	74.68	7468	5729.578	81.93	83.344
ML	90	I	83.968	7.77	1553	11451.782	83.821	84.115
ML	90	I	85.817	31.47	2103	3828.822	85.618	86.016
ML	90	I	86.344	55.23	1841	1909.859	86.17	86.518
ML	90	I	87.289	28.35	3542	7158.436	86.954	87.624

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	90	I	88.597	58.93	3270	3179.318	88.287	88.907
ML	90	I	89.718	57.45	3830	3819.719	89.355	90.081
ML	90	I	90.454	34.2	2280	3819.719	90.238	90.67
ML	90	I	92.281	27.67	2767	5729.578	92.019	92.543
ML	90	I	93.797	29.02	2902	5729.578	93.522	94.072
ML	90	I	95.538	39.78	2652	3819.719	95.287	95.789
ML	90	I	98.077	6.15	1230	11459.156	97.961	98.193
ML	90	I	99.754	29.23	2923	5729.578	99.477	100.031
ML	90	I	104.617	31.71	2114	3819.719	104.417	104.817
ML	90	I	105.168	12.92	2583	11454.721	104.923	105.413
ML	90	I	105.921	14.25	2850	11459.156	105.651	106.191
ML	90	I	106.921	27.52	2752	5729.578	106.66	107.182
ML	90	I	107.649	18.47	1847	5729.578	107.474	107.824
ML	90	I	108.443	48.08	2124	2531.12	108.242	108.644
ML	90	I	109.011	48.06	2123	2530.981	108.81	109.212
ML	90	I	109.764	14.33	1433	5729.578	109.628	109.9
ML	90	I	110.321	4.53	453	5729.578	110.278	110.364
ML	90	I	111.598	5.5	550	5729.578	111.546	111.65
ML	90	I	113.014	63.93	4260	3817.926	112.611	113.417
ML	90	I	115.573	24.59	2461	5734.238	115.34	115.806
ML	90	I	117.129	14.08	1407	5725.509	116.996	117.262
ML	90	I	118.13	24.78	2478	5729.578	117.895	118.365
ML	90	I	119.399	5.97	597	5729.578	119.342	119.456
ML	90	I	120.28	15.55	1555	5729.578	120.133	120.427
ML	90	I	123.526	4.6	504	6277.625	123.478	123.574
ML	90	I	124.315	32.64	3239	5685.693	124.008	124.622
ML	90	I	125.789	39.66	1611	2327.37	125.636	125.942
ML	90	I	127.303	59.79	2586	2478.122	127.058	127.548
ML	90	I	128.52	62.73	2009	1834.963	128.33	128.71
ML	90	I	129.416	4.15	1245	17188.734	129.298	129.534
ML	90	I	132.088	35.25	7050	11459.156	131.42	132.756
ML	90	I	132.979	10.64	1064	5729.578	132.878	133.08
ML	90	I	133.84	29.07	2907	5729.578	133.565	134.115
ML	90	I	135.177	13.6	1360	5729.578	135.048	135.306
ML	90	I	136.094	23.57	2357	5729.578	135.871	136.317
ML	90	I	138.682	16.55	1655	5729.578	138.525	138.839
ML	90	I	139.585	18	1800	5729.578	139.415	139.755
ML	90	I	144.082	27.68	2768	5729.578	143.82	144.344
ML	90	I	145.214	25.67	2053	4582.323	145.02	145.408
ML	90	I	146.685	3.7	1480	22918.312	146.545	146.825
ML	90	I	148.504	24.13	1931	4585.087	148.321	148.687
ML	90	I	149.338	16.9	1690	5729.578	149.178	149.498
ML	90	I	151.037	12.87	1287	5729.578	150.915	151.159
ML	90	I	152.039	35.99	2879	4583.344	151.766	152.312
ML	90	I	152.629	4.98	995	11447.651	152.535	152.723
ML	90	I	153.845	10.95	2190	11459.156	153.638	154.052
ML	90	I	154.422	18.8	1253	3818.703	154.303	154.541
ML	90	I	154.799	28.86	1924	3819.719	154.617	154.981
ML	90	I	155.848	24.95	2495	5729.578	155.612	156.084
ML	90	I	156.494	18.72	1872	5729.578	156.317	156.671
ML	90	I	157.716	3.29	657	11441.741	157.654	157.778
ML	90	I	157.999	3.29	657	11441.741	157.937	158.061
ML	90	I	159.609	3.87	1547	22903.507	159.463	159.755
ML	90	I	161.334	3.29	657	11441.741	161.272	161.396
ML	90	I	164.91	11.34	2267	11454.103	164.695	165.125
ML	90	I	166.182	16.55	2207	7640.591	165.973	166.391
ML	90	I	167.05	5	1000	11459.156	166.955	167.145
ML	90	I	167.301	5	1000	11459.156	167.206	167.396
ML	90	I	169.002	3.29	657	11441.741	168.94	169.064
ML	90	I	169.286	3.29	657	11441.741	169.224	169.348
ML	90	I	169.703	3.96	792	11459.156	169.628	169.778
ML	90	I	170.567	59.2	2681	2594.763	170.313	170.821
ML	90	I	172.128	49.48	1579	1828.416	171.978	172.278
ML	90	I	172.725	15.96	1596	5729.578	172.574	172.876
ML	90	I	173.211	30.96	1269	2348.461	173.091	173.331
ML	90	I	174.456	40.19	6697	9547.396	173.822	175.09
ML	90	I	175.564	71.11	3951	3183.457	175.19	175.938
ML	90	I	176.43	19.16	3194	9551.29	176.128	176.732
ML	90	I	177.034	4.81	1186	14127.4	176.922	177.146

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	DELTA	CURVE_LENGTH	RADIUS	CURVE_BEGIN	CURVE_END
ML	90	I	177.557	81.17	5598	3951.482	177.027	178.087
ML	90	I	178.757	9.51	1901	11453.131	178.577	178.937
ML	90	I	180.287	13.5	1350	5729.578	180.159	180.415
ML	90	I	180.955	24.63	2463	5729.578	180.722	181.188
ML	90	I	181.665	41.37	3447	4773.956	181.339	181.991
ML	90	I	182.452	35.08	1949	3183.28	182.267	182.637
ML	90	I	184.169	54.03	3602	3819.719	183.828	184.51
ML	90	I	185.055	87.42	3147	2062.569	184.757	185.353
ML	90	I	185.747	75.83	3392	2562.934	185.426	186.068
ML	90	I	186.852	30.73	3073	5729.578	186.561	187.143
ML	90	I	187.996	25.95	2076	4583.662	187.799	188.193
ML	90	I	188.446	17.73	1773	5729.578	188.278	188.614
ML	90	I	190.703	2.82	564	11459.156	190.65	190.756
ML	90	I	192.489	22.55	2255	5729.578	192.275	192.703
ML	90	I	193.739	12.29	2458	11459.156	193.506	193.972
ML	90	I	195.582	15.39	1539	5729.578	195.436	195.728
ML	90	I	197.234	16.2	1296	4583.662	197.111	197.357
ML	90	I	198.829	32.37	6937	12278.678	198.172	199.486
ML	90	I	200.143	32.37	6937	12278.678	199.486	200.8
ML	90	I	201.194	5.59	1117	11448.906	201.088	201.3
ML	90	I	202.07	16.25	3250	11459.156	201.762	202.378
ML	90	I	202.867	2.96	591	11439.799	202.811	202.923
ML	90	I	204.117	22.11	4422	11459.156	203.698	204.536
ML	90	I	206.122	2.9	1159	22898.555	206.012	206.232

Appendix 6. Vertical Curves on Study Routes

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	12	B	0.126	1000	665	4.176	239.464	0.0313	0.2207	SAG
ML	12	B	0.566	1000	2988	-6.274	-159.39	0.4713	0.6607	CREST
ML	12	B	0.954	1500	5037	2.324	645.439	0.81195	1.09605	SAG
ML	12	B	1.627	1800	8591	3.741	481.155	1.45655	1.79745	SAG
ML	12	B	2.119	3400	11188	-5.077	-669.69	1.79703	2.44097	CREST
ML	12	B	3.483	1000	18390	-0.076	-13158	3.3883	3.5777	CREST
ML	12	B	4.6	2000	24288	3.723	537.201	4.41061	4.78939	SAG
ML	12	B	5.061	1000	27087	-2.537	-394.17	4.9663	5.1557	CREST
ML	12	B	5.212	600	27884	-1.412	-424.93	5.15518	5.26882	CREST
ML	12	B	5.373	400	28734	-0.49	-816.33	5.33512	5.41088	CREST
ML	12	B	5.583	400	29838	1.068	374.532	5.54512	5.62088	SAG
ML	12	B	5.81	600	31037	1.405	427.046	5.75318	5.86682	SAG
ML	12	B	5.976	400	31913	-0.722	-554.02	5.93812	6.01388	CREST
ML	12	B	6.226	400	33234	1.248	320.513	6.18812	6.26388	SAG
ML	12	B	6.417	800	34237	-0.948	-843.88	6.34124	6.49276	CREST
ML	12	B	6.928	300	36935	-0.077	-3896.1	6.89959	6.95641	CREST
ML	12	B	7.195	400	38340	0.829	482.509	7.15712	7.23288	SAG
ML	12	B	7.616	600	40563	-0.532	-1127.8	7.55918	7.67282	CREST
ML	12	B	8.028	300	42738	0.299	1003.34	7.99959	8.05641	SAG
ML	12	B	8.313	800	44238	-0.667	-1199.4	8.23724	8.38876	CREST
ML	12	B	8.483	400	45135	0.23	1739.13	8.44512	8.52088	SAG
ML	12	B	8.73	400	46439	0.772	518.135	8.69212	8.76788	SAG
ML	12	B	8.882	400	47237	-0.474	-843.88	8.84412	8.91988	CREST
ML	12	B	9.384	600	49887	-0.909	-660.07	9.32718	9.44082	CREST
ML	12	B	9.583	600	50938	0.951	630.915	9.52618	9.63982	SAG
ML	12	B	9.783	600	51989	-0.52	-1153.8	9.72618	9.83982	CREST
ML	12	B	10.149	300	53937	-0.421	-712.59	10.1206	10.1774	CREST
ML	12	B	10.351	300	55019	0.633	473.934	10.3226	10.3794	SAG
ML	12	B	10.423	300	55399	-0.753	-398.41	10.3946	10.4514	CREST
ML	12	B	10.887	800	57848	-0.584	-1369.9	10.8112	10.9628	CREST
ML	12	B	11.134	800	59152	0.993	805.639	11.0582	11.2098	SAG
ML	12	B	11.37	1100	60398	1.698	647.821	11.2658	11.4742	SAG
ML	12	B	11.569	1000	61449	-1.713	-583.77	11.4743	11.6637	CREST
ML	12	B	11.967	1000	63550	-0.907	-1102.5	11.8723	12.0617	CREST
ML	12	B	12.137	800	64448	0.842	950.119	12.0612	12.2128	SAG
ML	12	B	12.611	400	66951	0.247	1619.43	12.5731	12.6489	SAG
ML	12	B	13.046	1000	69247	1.468	681.199	12.9513	13.1407	SAG
ML	12	B	13.387	1200	71048	-1.917	-625.98	13.2734	13.5006	CREST
ML	12	B	13.595	400	72151	-0.171	-2339.2	13.5571	13.6329	CREST
ML	12	B	13.879	800	73651	0.614	1302.93	13.8032	13.9548	SAG
ML	12	B	14.116	800	74897	-0.836	-956.94	14.0402	14.1918	CREST
ML	12	B	14.467	400	76750	0.485	824.742	14.4291	14.5049	SAG
ML	12	B	14.817	800	78598	1.391	575.126	14.7412	14.8928	SAG
ML	12	B	14.969	800	79401	-1.789	-447.18	14.8932	15.0448	CREST
ML	12	B	15.224	600	80747	0.968	619.835	15.1672	15.2808	SAG
ML	12	B	15.414	600	81750	-0.907	-661.52	15.3572	15.4708	CREST
ML	12	B	15.601	600	82737	0.682	879.765	15.5442	15.6578	SAG
ML	12	B	16.624	800	88139	1.322	605.144	16.5482	16.6998	SAG
ML	12	B	16.814	1200	89142	-2.498	-480.38	16.7004	16.9276	CREST
ML	12	B	17.003	800	90140	1.389	575.954	16.9272	17.0788	SAG
ML	12	B	17.135	600	90837	-0.463	-1295.9	17.0782	17.1918	CREST
ML	12	B	17.457	400	92537	0.7	571.429	17.4191	17.4949	SAG
ML	12	B	17.855	400	94638	1.08	370.37	17.8171	17.8929	SAG
ML	12	B	18.044	1000	95636	-1.889	-529.38	17.9493	18.1387	CREST
ML	12	B	18.443	800	97738	-1.165	-686.7	18.3672	18.5188	CREST
ML	12	B	18.651	800	98841	1.339	597.461	18.5752	18.7268	SAG
ML	12	B	18.991	400	100636	-0.138	-2898.6	18.9531	19.0289	CREST
ML	12	B	19.143	400	101439	0.321	1246.11	19.1051	19.1809	SAG
ML	12	B	19.408	600	102838	0.797	752.823	19.3512	19.4648	SAG
ML	12	B	19.626	800	103989	-1.348	-593.47	19.5502	19.7018	CREST
ML	12	B	19.863	600	105241	0.671	894.188	19.8062	19.9198	SAG
ML	12	B	20.455	600	108366	-4.192	-143.13	20.3982	20.5118	CREST
ML	12	B	20.488	600	108541	4.138	144.998	20.4312	20.5448	SAG
ML	12	B	20.762	400	109987	0.603	663.35	20.7241	20.7999	SAG
ML	12	B	21.094	400	111740	-0.448	-892.86	21.0561	21.1319	CREST
ML	12	B	21.77	1000	115489	-0.774	-1292	21.6753	21.8647	CREST
ML	12	B	22.282	1000	118192	1.357	736.92	22.1873	22.3767	SAG
ML	12	B	22.736	1000	120589	-0.604	-1655.6	22.6413	22.8307	CREST
ML	12	B	22.945	1000	121693	-0.356	-2809	22.8503	23.0397	CREST
ML	12	B	23.171	1000	122886	-0.758	-1319.3	23.0763	23.2657	CREST
ML	12	B	23.531	1000	124787	1.032	968.992	23.4363	23.6257	SAG
ML	12	B	23.929	1000	126888	-0.74	-1351.4	23.8343	24.0237	CREST
ML	12	B	24.308	1000	128889	2.218	450.857	24.2133	24.4027	SAG
ML	12	B	24.535	1000	130088	-1.986	-503.53	24.4403	24.6297	CREST
ML	12	B	24.952	1000	132290	0.477	2096.44	24.8573	25.0467	SAG
ML	12	B	26.259	1000	139191	1.06	943.396	26.1643	26.3537	SAG
ML	12	B	26.693	1000	141487	-2.095	-477.33	26.5983	26.7877	CREST
ML	12	B	26.996	1000	143087	1.804	554.324	26.9013	27.0907	SAG
ML	12	B	27.261	1000	144487	-1.012	-988.14	27.1663	27.3557	CREST
ML	12	B	27.716	1000	146889	0.918	1089.33	27.6213	27.8107	SAG
ML	12	B	27.943	1000	148087	-0.585	-1709.4	27.8483	28.0377	CREST
ML	12	B	28.246	1000	149687	1.321	757.002	28.1513	28.3407	SAG
ML	12	B	28.909	1000	153188	-1.247	-801.93	28.8143	29.0037	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	12	B	29.904	1200	158439	-1.158	-1036.3	29.7904	30.0176	CREST
ML	12	B	30.131	800	159638	0.998	801.603	30.0552	30.2068	SAG
ML	12	B	31.286	400	165736	0.786	508.906	31.2481	31.3239	SAG
ML	12	B	31.665	600	167737	-1.061	-565.5	31.6082	31.7218	CREST
ML	12	B	32.006	600	169538	0.429	1398.6	31.9492	32.0628	SAG
ML	12	B	32.423	600	171739	0.231	2597.4	32.3662	32.4798	SAG
ML	12	B	32.802	600	173741	0.091	6593.41	32.7452	32.8588	SAG
ML	12	B	33.484	600	177489	-0.167	-3592.8	33.4272	33.5408	CREST
ML	12	B	34.686	1000	183833	1.225	816.327	34.5913	34.7807	SAG
ML	12	B	35.065	1100	185835	-2.882	-381.68	34.9608	35.1692	CREST
ML	12	B	35.273	1100	186933	1.793	613.497	35.1688	35.3772	SAG
ML	12	B	35.708	1000	189230	1.449	690.131	35.6133	35.8027	SAG
ML	12	B	36.03	800	190930	-0.598	-1337.8	35.9542	36.1058	CREST
ML	12	B	36.418	900	192984	0.538	1672.86	36.3328	36.5032	SAG
ML	12	B	36.636	1400	194135	-3.384	-413.71	36.5034	36.7686	CREST
ML	12	B	36.882	1200	195434	2.586	464.037	36.7684	36.9956	SAG
ML	12	B	37.166	1200	196933	-2.844	-421.94	37.0524	37.2796	CREST
ML	12	B	37.535	1350	198881	3.64	370.879	37.4072	37.6628	SAG
ML	12	B	37.791	1350	200233	-2.517	-536.35	37.6632	37.9188	CREST
ML	12	B	38.264	1000	202731	1.74	574.713	38.1693	38.3587	SAG
ML	12	B	38.435	600	203633	0.404	1485.15	38.3782	38.4918	SAG
ML	12	B	38.645	1000	204742	-1.429	-699.79	38.5503	38.7397	CREST
ML	12	B	38.938	600	206289	0.806	744.417	38.8812	38.9948	SAG
ML	12	B	39.336	1000	208390	1.405	711.744	39.2413	39.4307	SAG
ML	12	B	39.525	1000	209388	-2.892	-345.78	39.4303	39.6197	CREST
ML	12	B	39.914	800	211442	1.286	622.084	39.8382	39.9898	SAG
ML	12	B	40.293	1600	213443	-1.193	-1341.2	40.1415	40.4445	CREST
ML	12	B	40.823	800	216242	1.569	509.879	40.7472	40.8988	SAG
ML	12	B	41.145	800	217942	-0.899	-889.88	41.0692	41.2208	CREST
ML	12	B	41.486	600	219742	-0.718	-835.66	41.4292	41.5428	CREST
ML	12	B	41.959	800	222240	1.143	699.913	41.8832	42.0348	SAG
ML	12	B	42.471	800	224943	-0.29	-2758.6	42.3952	42.5468	CREST
ML	12	B	43.113	800	228334	-0.735	-1088.4	43.0372	43.1888	CREST
ML	12	B	43.937	800	232685	0.62	1290.32	43.8612	44.0128	SAG
ML	12	B	44.382	800	235035	0.182	4395.6	44.3062	44.4578	SAG
ML	12	B	44.99	400	237327	0.52	769.231	44.9521	45.0279	SAG
ML	12	B	45.312	600	239027	-1.231	-487.41	45.2552	45.3688	CREST
ML	12	B	45.558	600	240326	0.946	634.249	45.5012	45.6148	SAG
ML	12	B	45.823	600	241725	2.367	253.485	45.7662	45.8798	SAG
ML	12	B	46.278	1200	244126	-2.002	-599.4	46.1644	46.3916	CREST
ML	12	B	46.559	600	245608	2.796	214.592	46.5022	46.6158	SAG
ML	12	B	46.73	1200	246511	-2.988	-401.61	46.6164	46.8436	CREST
ML	12	B	46.986	200	247863	-0.085	-2352.9	46.9671	47.0049	CREST
ML	12	B	47.222	1200	249109	-2.081	-576.65	47.1084	47.3356	CREST
ML	12	B	47.697	600	251612	2.976	201.613	47.6402	47.7538	SAG
ML	12	B	48.132	400	253909	0.89	449.438	48.0941	48.1699	SAG
ML	12	B	48.454	1000	255609	-1.716	-582.75	48.3593	48.5487	CREST
ML	12	B	48.758	400	257214	0.494	809.717	48.7201	48.7959	SAG
ML	12	B	49.174	400	259410	1.013	394.867	49.1361	49.2119	SAG
ML	12	B	49.573	1200	261512	-2.188	-548.45	49.4594	49.6866	CREST
ML	12	B	49.971	800	263613	3.406	234.88	49.8952	50.0468	SAG
ML	12	B	50.861	2400	268312	-5.636	-425.83	50.6337	51.0883	CREST
ML	12	B	51.809	800	273313	1.794	445.931	51.7332	51.8848	SAG
ML	12	B	52.272	500	275757	1.464	341.53	52.2247	52.3193	SAG
ML	12	B	52.583	400	277399	-1.335	-299.63	52.5451	52.6209	CREST
ML	12	B	53.067	400	279955	-0.725	-551.72	53.0291	53.1049	CREST
ML	12	B	53.944	400	284586	2.143	186.654	53.9061	53.9819	SAG
ML	12	B	54.672	600	288429	-2.607	-230.15	54.6152	54.7288	CREST
ML	12	B	55.107	400	290726	1.079	370.714	55.0691	55.1449	SAG
ML	12	B	55.524	400	292928	-2.767	-144.56	55.4861	55.5619	CREST
ML	12	B	55.714	400	293930	0.95	421.053	55.6761	55.7519	SAG
ML	12	B	57.491	600	295789	-1.232	-487.01	57.4342	57.5478	CREST
ML	12	B	57.89	600	297895	2.276	263.62	57.8332	57.9468	SAG
ML	12	B	58.136	700	299194	-2.763	-253.35	58.0697	58.2023	CREST
ML	12	B	58.287	900	299991	5.293	170.036	58.2018	58.3722	SAG
ML	12	B	58.931	1000	303392	-3.531	-283.21	58.8363	59.0257	CREST
ML	12	B	59.423	400	305990	1.894	211.193	59.3851	59.4609	SAG
ML	12	B	60.304	600	310641	-1.889	-317.63	60.2472	60.3608	CREST
ML	12	B	60.693	400	312695	1.739	230.017	60.6551	60.7309	SAG
ML	12	B	61.355	600	316190	2.768	216.763	61.2982	61.4118	SAG
ML	12	B	62.215	600	320731	-1.769	-339.18	62.1582	62.2718	CREST
ML	12	B	62.726	800	323430	-3.333	-240.02	62.6502	62.8018	CREST
ML	12	B	62.916	600	324433	0.619	969.305	62.8592	62.9728	SAG
ML	12	B	64.298	1000	331730	4.544	220.07	64.2033	64.3927	SAG
ML	12	B	64.696	1400	333831	-2.237	-625.84	64.5634	64.8286	CREST
ML	12	B	64.923	600	335030	1.186	505.902	64.8662	64.9798	SAG
ML	12	B	65.434	1400	337728	-2.718	-515.09	65.3014	65.5666	CREST
ML	12	B	66.003	400	340732	0.456	877.193	65.9651	66.0409	SAG
ML	12	B	66.666	400	344233	0.342	1169.59	66.6281	66.7039	SAG
ML	12	B	67.423	1200	348230	-2.198	-545.95	67.3094	67.5366	CREST
ML	12	B	67.897	600	350732	2.112	284.091	67.8402	67.9538	SAG
ML	12	B	69.222	400	357728	0.353	1133.14	69.1841	69.2599	SAG
ML	12	B	69.79	600	360727	-0.593	-1011.8	69.7332	69.8468	CREST
ML	12	B	70.415	400	364033	0.355	1126.76	70.3771	70.4529	SAG
ML	12	B	70.926	600	366731	-0.773	-776.2	70.8692	70.9828	CREST
ML	12	B	71.191	400	368130	0.891	448.934	71.1531	71.2289	SAG
ML	12	B	72.843	800	376854	0.496	1612.9	72.7672	72.9188	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	12	B	73.23	800	378902	2.739	292.077	73.1542	73.3058	SAG
ML	12	B	73.922	2600	382556	-3.819	-680.81	73.6758	74.1682	CREST
ML	12	B	75.304	800	389853	0.038	21052.6	75.2282	75.3798	SAG
ML	12	B	75.494	800	390856	0.347	2305.48	75.4182	75.5698	SAG
ML	12	B	76.251	800	394853	-0.309	-2589	76.1752	76.3268	CREST
ML	12	B	76.725	800	397356	0.398	2010.05	76.6492	76.8008	SAG
ML	12	B	77.132	1000	400404	-1.074	-931.1	77.0373	77.2267	CREST
ML	12	B	77.528	1000	402495	2.731	366.166	77.4333	77.6227	SAG
ML	12	B	78.039	1200	405194	-1.654	-725.51	77.9254	78.1526	CREST
ML	12	B	78.304	1400	406593	3.465	404.04	78.1714	78.4366	SAG
ML	12	B	78.803	1800	409232	-3.581	-502.65	78.6325	78.9735	CREST
ML	12	B	79.163	1200	411133	2.522	475.813	79.0494	79.2766	SAG
ML	12	B	79.542	1200	413134	-2.691	-445.93	79.4284	79.6556	CREST
ML	12	B	80.015	1000	415628	-0.858	-1165.5	79.9203	80.1097	CREST
ML	12	B	80.28	800	417028	0.153	5228.76	80.2042	80.3558	SAG
ML	12	B	80.716	1000	419330	1.039	962.464	80.6213	80.8107	SAG
ML	12	B	81.209	1000	421933	-1.343	-744.6	81.1143	81.3037	CREST
ML	12	B	81.472	1000	423327	1.318	758.725	81.3773	81.5667	SAG
ML	12	B	81.814	800	425132	-0.801	-998.75	81.7382	81.8898	CREST
ML	12	B	82.382	800	428131	0.468	1709.4	82.3062	82.4578	SAG
ML	12	B	82.78	1000	430233	-0.714	-1400.6	82.6853	82.8747	CREST
ML	12	B	83.329	1200	433132	3.006	399.202	83.2154	83.4426	SAG
ML	12	B	83.632	1000	434731	-1.321	-757	83.5373	83.7267	CREST
ML	12	B	84.067	800	437028	-1.417	-564.57	83.9912	84.1428	CREST
ML	12	B	84.612	800	439906	-1.053	-759.73	84.5362	84.6878	CREST
ML	12	B	85.093	800	442447	1.842	434.311	85.0172	85.1688	SAG
ML	12	B	85.387	500	443999	2.399	208.42	85.3397	85.4343	SAG
ML	12	B	85.624	2000	445251	-4.686	-426.8	85.4346	85.8134	CREST
ML	12	B	85.958	800	447014	1.443	554.401	85.8822	86.0338	SAG
ML	12	B	86.299	800	448815	1.833	436.443	86.2232	86.3748	SAG
ML	12	B	86.583	1200	450314	-1.952	-614.75	86.4694	86.6966	CREST
ML	12	B	86.981	800	452416	1.569	509.879	86.9052	87.0568	SAG
ML	12	B	87.78	800	456635	1.166	686.106	87.7042	87.8558	SAG
ML	12	B	88.224	1000	458979	-0.874	-1144.2	88.1293	88.3187	CREST
ML	12	B	88.651	800	461234	1.267	631.413	88.5752	88.7268	SAG
ML	12	B	88.897	1000	462536	-2.635	-379.51	88.8023	88.9917	CREST
ML	12	B	89.758	1000	467086	-1.206	-829.19	89.6633	89.8527	CREST
ML	12	B	90.033	800	468538	2.283	350.416	89.9572	90.1088	SAG
ML	12	B	90.364	1600	470286	-3.532	-453	90.2125	90.5155	CREST
ML	12	B	90.789	1200	472535	5.147	233.146	90.6754	90.9026	SAG
ML	12	B	91.038	800	473850	-1.211	-660.61	90.9622	91.1138	CREST
ML	12	B	91.34	1000	475445	-1.311	-762.78	91.2453	91.4347	CREST
ML	12	B	92.04	1200	479146	1.762	681.044	91.9264	92.1536	SAG
ML	12	B	92.421	1000	481163	-0.84	-1190.5	92.3263	92.5157	CREST
ML	12	B	92.8	1200	483164	-1.767	-679.12	92.6864	92.9136	CREST
ML	12	B	93.367	800	486164	0.895	893.855	93.2912	93.4428	SAG
ML	12	B	93.632	800	487563	-1.241	-644.64	93.5562	93.7078	CREST
ML	12	B	94.331	1200	491258	1.35	888.889	94.2174	94.4446	SAG
ML	12	B	94.862	984	494064	3.326	295.851	94.7688	94.9552	SAG
ML	12	B	95.181	2297	495706	-5.675	-404.76	94.9635	95.3985	CREST
ML	12	B	95.578	984	497839	3.652	269.441	95.4848	95.6712	SAG
ML	12	B	96.254	656	501413	1.654	396.614	96.1919	96.3161	SAG
ML	12	B	96.68	1400	503659	-2.779	-503.78	96.5474	96.8126	CREST
ML	12	B	96.945	1000	505058	-0.571	-1751.3	96.8503	97.0397	CREST
ML	12	B	97.21	900	506458	1.759	511.654	97.1248	97.2952	SAG
ML	12	B	97.399	1200	507456	-3.356	-357.57	97.2854	97.5126	CREST
ML	12	B	97.647	1400	508760	2.56	546.875	97.5144	97.7796	SAG
ML	12	B	98.361	1000	512530	2.515	397.614	98.2663	98.4557	SAG
ML	12	B	98.651	1600	514056	-1.693	-945.07	98.4995	98.8025	CREST
ML	12	B	99.856	400	520415	1.56	256.41	99.8181	99.8939	SAG
ML	12	B	99.932	400	520817	-2.488	-160.77	99.8941	99.9699	CREST
ML	20	B	0.021	200	111	-3.038	-65.833	0.00206	0.03994	CREST
ML	20	B	0.314	1300	1658	7.595	171.165	0.19089	0.43711	SAG
ML	20	B	0.821	2000	4335	-5.172	-386.7	0.63161	1.01039	CREST
ML	20	B	1.129	800	5961	1.049	762.631	1.05324	1.20476	SAG
ML	20	B	1.347	800	7112	-0.976	-819.67	1.27124	1.42276	CREST
ML	20	B	1.697	800	8960	2.143	373.308	1.62124	1.77276	SAG
ML	20	B	2.028	1000	10708	-1.151	-868.81	1.9333	2.1227	CREST
ML	20	B	2.322	1000	12260	2.599	384.763	2.2273	2.4167	SAG
ML	20	B	2.738	1800	14457	-4.614	-390.12	2.56755	2.90845	CREST
ML	20	B	3.307	1000	17461	3.926	254.712	3.2123	3.4017	SAG
ML	20	B	3.7	800	19536	-0.655	-1221.4	3.62424	3.77576	CREST
ML	20	B	3.922	800	20708	1.773	451.213	3.84624	3.99776	SAG
ML	20	B	4.254	1800	22461	-5.647	-318.75	4.08355	4.42445	CREST
ML	20	B	4.822	600	25460	-0.92	-652.17	4.76518	4.87882	CREST
ML	20	B	5.202	800	27468	3.975	201.258	5.12624	5.27776	SAG
ML	20	B	5.458	1000	28820	-1.345	-743.49	5.3633	5.5527	CREST
ML	20	B	5.789	1000	30568	-2.491	-401.45	5.6943	5.8837	CREST
ML	20	B	6.078	1000	32094	5.925	168.776	5.9833	6.1727	SAG
ML	20	B	6.32	900	33371	-4.028	-223.44	6.23477	6.40523	CREST
ML	20	B	6.694	1200	35367	-2.633	-455.75	6.58036	6.80764	CREST
ML	20	B	6.884	800	36371	3.986	200.702	6.80824	6.95976	SAG
ML	20	B	7.073	1200	37368	-4.285	-280.05	6.95936	7.18664	CREST
ML	20	B	7.263	800	38372	4.518	177.069	7.18724	7.33876	SAG
ML	20	B	7.546	1000	39871	-2.237	-447.03	7.4513	7.6407	CREST
ML	20	B	7.735	500	40869	1.403	356.379	7.68765	7.78235	SAG
ML	20	B	7.924	500	41867	1.461	342.231	7.87665	7.97135	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	20	B	8.267	1400	43677	-6.365	-219.95	8.13442	8.39958	CREST
ML	20	B	8.61	1000	45483	7.707	129.752	8.5153	8.7047	SAG
ML	20	B	8.837	1100	46682	-2.502	-439.65	8.73283	8.94117	CREST
ML	20	B	9.178	1400	48482	-3.063	-457.07	9.04542	9.31058	CREST
ML	20	B	9.481	1400	50082	2.813	497.689	9.34842	9.61358	SAG
ML	20	B	9.785	400	51682	0.355	1126.76	9.74712	9.82288	SAG
ML	20	B	10.145	400	53583	1.275	313.725	10.1071	10.1829	SAG
ML	20	B	10.296	1200	54380	-1.881	-637.96	10.1824	10.4096	CREST
ML	20	B	10.485	400	55378	1.124	355.872	10.4471	10.5229	SAG
ML	20	B	10.637	800	56180	-1.703	-469.76	10.5612	10.7128	CREST
ML	20	B	10.866	900	57384	1.879	478.978	10.7808	10.9512	SAG
ML	20	B	11.103	1000	58635	-1.684	-593.82	11.0083	11.1977	CREST
ML	20	B	11.253	600	59426	0.946	634.249	11.1962	11.3098	SAG
ML	20	B	11.869	300	62678	1.417	211.715	11.8406	11.8974	SAG
ML	20	B	12.344	1400	65181	-2.647	-528.9	12.2114	12.4766	CREST
ML	20	B	12.571	600	66379	0.731	820.793	12.5142	12.6278	SAG
ML	20	B	12.787	800	67521	1.862	429.646	12.7112	12.8628	SAG
ML	20	B	13.053	1400	68925	-2.319	-603.71	12.9204	13.1856	CREST
ML	20	B	13.413	1000	70826	1.202	831.947	13.3183	13.5077	SAG
ML	20	B	13.659	800	72125	0.918	871.46	13.5832	13.7348	SAG
ML	20	B	13.829	1000	73022	-1.093	-914.91	13.7343	13.9237	CREST
ML	20	B	14.113	600	74522	0.267	2247.19	14.0562	14.1698	SAG
ML	20	B	14.302	800	75520	-0.258	-3100.8	14.2262	14.3778	CREST
ML	20	B	14.568	1000	76924	2.415	414.079	14.4733	14.6627	SAG
ML	20	B	14.842	1200	78371	-3.888	-308.64	14.7284	14.9556	CREST
ML	20	B	15.155	800	80024	3.239	246.99	15.0792	15.2308	SAG
ML	20	B	15.562	1000	82173	-1.241	-805.8	15.4673	15.6567	CREST
ML	20	B	16.442	800	86819	-0.56	-1428.6	16.3662	16.5178	CREST
ML	20	B	16.973	1600	89623	-2.551	-627.21	16.8215	17.1245	CREST
ML	20	B	17.314	1200	91423	2.392	501.672	17.2004	17.4276	SAG
ML	20	B	17.674	800	93324	0.453	1766	17.5982	17.7498	SAG
ML	20	B	17.958	1200	94823	-0.518	-2316.6	17.8444	18.0716	CREST
ML	20	B	18.28	1200	96524	0.729	1646.09	18.1664	18.3936	SAG
ML	20	B	18.621	1200	98324	-0.778	-1542.4	18.5074	18.7346	CREST
ML	20	B	18.961	1000	100119	0.423	2364.07	18.8663	19.0557	SAG
ML	20	B	21.329	1000	112622	0.097	10309.3	21.2343	21.4237	SAG
ML	20	B	21.651	800	114322	-0.059	-13559	21.5752	21.7268	CREST
ML	20	B	21.973	800	116023	-0.196	-4081.6	21.8972	22.0488	CREST
ML	20	B	22.361	800	118071	-0.255	-3137.3	22.2852	22.4368	CREST
ML	20	B	22.962	600	121245	0.254	2362.21	22.9052	23.0188	SAG
ML	20	B	23.356	400	123325	0.906	441.501	23.3181	23.3939	SAG
ML	20	B	23.564	300	124423	0.991	302.725	23.5356	23.5924	SAG
ML	20	B	23.773	1900	125527	-3.378	-562.46	23.5931	23.9529	CREST
ML	20	B	24.019	500	126826	1.887	264.971	23.9717	24.0663	SAG
ML	20	B	24.208	600	127823	-0.8	-750	24.1512	24.2648	CREST
ML	20	B	24.398	300	128827	0.442	678.733	24.3696	24.4264	SAG
ML	20	B	25.061	400	132327	-0.644	-621.12	25.0231	25.0989	CREST
ML	20	B	25.25	400	133325	1.503	266.134	25.2121	25.2879	SAG
ML	20	B	25.439	800	134323	-0.803	-996.26	25.3632	25.5148	CREST
ML	20	B	26.389	1000	139339	-1.63	-613.5	26.2943	26.4837	CREST
ML	20	B	26.614	1000	140527	4.186	238.892	26.5193	26.7087	SAG
ML	20	B	26.992	3000	142523	-5.256	-570.78	26.7079	27.2761	CREST
ML	20	B	27.333	500	144323	1.703	293.6	27.2857	27.3803	SAG
ML	20	B	27.523	300	145327	0.888	337.838	27.4946	27.5514	SAG
ML	20	B	27.731	500	146425	2.124	235.405	27.6837	27.7783	SAG
ML	20	B	27.902	1000	147328	-1.714	-583.43	27.8073	27.9967	CREST
ML	20	B	28.129	400	148526	1.323	302.343	28.0911	28.1669	SAG
ML	20	B	28.451	800	150226	-1.502	-532.62	28.3752	28.5268	CREST
ML	20	B	29.511	300	155823	0.808	371.287	29.4826	29.5394	SAG
ML	20	B	29.796	800	157328	-1.31	-610.69	29.7202	29.8718	CREST
ML	20	B	30.215	400	159540	1.357	294.768	30.1771	30.2529	SAG
ML	20	B	30.553	300	161325	-0.484	-619.84	30.5246	30.5814	CREST
ML	20	B	30.799	400	162624	-0.568	-704.23	30.7611	30.8369	CREST
ML	20	B	31.102	900	164224	-1.621	-555.21	31.0168	31.1872	CREST
ML	20	B	31.292	400	165227	1.696	235.849	31.2541	31.3299	SAG
ML	20	B	31.576	400	166726	1.403	285.103	31.5381	31.6139	SAG
ML	20	B	31.765	800	167724	-1.337	-598.36	31.6892	31.8408	CREST
ML	20	B	32.121	1900	169603	-3.345	-568.01	31.9411	32.3009	CREST
ML	20	B	32.367	600	170902	1.983	302.572	32.3102	32.4238	SAG
ML	20	B	32.557	800	171905	1.759	454.804	32.4812	32.6328	SAG
ML	20	B	33.015	300	174321	0.954	314.465	32.9866	33.0434	SAG
ML	20	B	33.506	1200	176919	-1.876	-639.66	33.3924	33.6196	CREST
ML	20	B	34.017	700	179617	2.871	243.817	33.9507	34.0833	SAG
ML	20	B	34.358	800	181417	-2.011	-397.81	34.2822	34.4338	CREST
ML	20	B	35.116	600	185419	1.402	427.96	35.0592	35.1728	SAG
ML	20	B	35.343	1800	186618	-2.825	-637.17	35.1725	35.5135	CREST
ML	20	B	35.664	300	188318	0.712	421.348	35.6356	35.6924	SAG
ML	20	B	36.005	600	190119	-0.803	-747.2	35.9482	36.0618	CREST
ML	20	B	36.233	300	191322	0.809	370.828	36.2046	36.2614	SAG
ML	20	B	36.593	400	193223	1.337	299.177	36.5551	36.6309	SAG
ML	20	B	36.839	1200	194522	-2.176	-551.47	36.7254	36.9526	CREST
ML	20	B	37.16	300	196217	0.819	366.3	37.1316	37.1884	SAG
ML	20	B	37.464	300	197822	-0.376	-797.87	37.4356	37.4924	CREST
ML	20	B	37.691	300	199021	0.75	400	37.6626	37.7194	SAG
ML	20	B	37.993	1000	200621	4.262	234.632	37.8983	38.0877	SAG
ML	20	B	38.732	3200	204522	-5.856	-546.45	38.429	39.035	CREST
ML	20	B	39.07	377	206307	1.64	229.878	39.0343	39.1057	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	20	B	39.262	1600	207321	-2.798	-571.84	39.1105	39.4135	CREST
ML	20	B	39.527	400	208720	1.471	271.924	39.4891	39.5649	SAG
ML	20	B	40.132	400	211920	1.678	238.379	40.0941	40.1699	SAG
ML	20	B	40.454	1300	213620	-2.231	-582.7	40.3309	40.5771	CREST
ML	20	B	41.004	300	216524	1.332	225.225	40.9756	41.0324	SAG
ML	20	B	41.379	1000	218505	-1.842	-542.89	41.2843	41.4737	CREST
ML	20	B	41.596	600	219651	1.467	408.998	41.5392	41.6528	SAG
ML	20	B	41.777	300	220607	0.628	477.707	41.7486	41.8054	SAG
ML	20	B	42.052	600	222059	1.865	321.716	41.9952	42.1088	SAG
ML	20	B	42.184	400	222756	-0.457	-875.27	42.1461	42.2219	CREST
ML	20	B	42.695	1200	225454	-1	-1200	42.5814	42.8086	CREST
ML	20	B	43.297	1000	228633	-3.73	-268.1	43.2023	43.3917	CREST
ML	20	B	43.548	1200	229958	6.092	196.98	43.4344	43.6616	SAG
ML	20	B	43.794	1000	231257	-1.705	-586.51	43.6993	43.8887	CREST
ML	20	B	44.078	400	232757	-0.336	-1190.5	44.0401	44.1159	CREST
ML	20	B	44.363	1100	234263	-2.083	-528.08	44.2588	44.4672	CREST
ML	20	B	44.685	600	235963	3.086	194.426	44.6282	44.7418	SAG
ML	20	B	44.969	800	237463	-1.134	-705.47	44.8932	45.0448	CREST
ML	20	B	45.348	1200	239464	-1.953	-614.44	45.2344	45.4616	CREST
ML	20	B	45.614	600	240868	2.321	258.509	45.5572	45.6708	SAG
ML	20	B	45.888	1000	242315	-1.42	-704.23	45.7933	45.9827	CREST
ML	20	B	46.181	300	243862	0.379	791.557	46.1526	46.2094	SAG
ML	20	B	46.438	800	245219	3.037	263.418	46.3622	46.5138	SAG
ML	20	B	46.636	1000	246265	-1.598	-625.78	46.5413	46.7307	CREST
ML	20	B	46.843	200	247363	-0.369	-542.01	46.8241	46.8619	CREST
ML	20	B	46.995	200	248165	0.224	892.857	46.9761	47.0139	SAG
ML	20	B	47.336	600	249966	-0.971	-617.92	47.2792	47.3928	CREST
ML	20	B	47.562	600	251164	1.75	342.857	47.5052	47.6188	SAG
ML	20	B	47.827	600	252564	-1.508	-397.88	47.7702	47.8838	CREST
ML	20	B	48.404	2100	255615	-6.48	-324.07	48.2051	48.6029	CREST
ML	20	B	48.698	900	257168	4.936	182.334	48.6128	48.7832	SAG
ML	20	B	48.896	1200	258213	-3.377	-355.35	48.7824	49.0096	CREST
ML	20	B	49.067	600	259116	2.9	206.897	49.0102	49.1238	SAG
ML	20	B	49.264	1500	260162	-4.454	-336.78	49.122	49.406	CREST
ML	20	B	49.549	700	261666	3.78	185.185	49.4827	49.6153	SAG
ML	20	B	49.738	1200	262664	-3.808	-315.13	49.6244	49.8516	CREST
ML	20	B	49.926	800	263662	4.018	199.104	49.8502	50.0018	SAG
ML	20	B	50.173	1300	264966	-3.066	-424.01	50.0499	50.2961	CREST
ML	20	B	50.711	800	267812	1.961	407.955	50.6352	50.7868	SAG
ML	20	B	51.096	950	269845	-1.396	-680.52	51.006	51.186	CREST
ML	20	B	51.214	500	270468	2.916	171.468	51.1667	51.2613	SAG
ML	20	B	51.346	600	271165	-1.674	-358.42	51.2892	51.4028	CREST
ML	20	B	51.509	800	272026	-2.626	-304.65	51.4332	51.5848	CREST
ML	20	B	51.769	450	273404	5.784	77.801	51.7264	51.8116	SAG
ML	20	B	51.97	1200	274465	-4.237	-283.22	51.8564	52.0836	CREST
ML	20	B	52.708	600	278367	1.225	489.796	52.6512	52.7648	SAG
ML	20	B	52.897	600	279365	-0.988	-607.29	52.8402	52.9538	CREST
ML	20	B	53.502	600	282565	2.09	287.081	53.4452	53.5588	SAG
ML	20	B	53.71	400	283663	-0.876	-456.62	53.6721	53.7479	CREST
ML	20	B	53.881	400	284566	1.493	267.917	53.8431	53.9189	SAG
ML	20	B	55.07	530	287812	2.659	199.323	55.0198	55.1202	SAG
ML	20	B	56.32	100	294412	-2.624	-38.11	56.3105	56.3295	CREST
ML	20	B	57.764	1530	302032	0.502	3047.81	57.6191	57.9089	SAG
ML	20	B	58.038	800	303444	1.688	473.934	57.9622	58.1138	SAG
ML	20	B	59.082	900	308814	0.819	1098.9	58.9968	59.1672	SAG
ML	20	B	59.88	800	312919	0.586	1365.19	59.8042	59.9558	SAG
ML	20	B	60.598	1000	316620	2.778	359.971	60.5033	60.6927	SAG
ML	20	B	61.062	1600	319070	-5.415	-295.48	60.9105	61.2135	CREST
ML	20	B	61.734	600	322618	-0.769	-780.23	61.6772	61.7908	CREST
ML	20	B	62.548	1000	326916	-1.713	-583.77	62.4533	62.6427	CREST
ML	20	B	63.022	1000	329419	2.377	420.698	62.9273	63.1167	SAG
ML	20	B	63.401	600	331420	-0.655	-916.03	63.3442	63.4578	CREST
ML	20	B	63.647	400	332719	0.477	838.574	63.6091	63.6849	SAG
ML	20	B	64.234	400	335818	0.855	467.836	64.1961	64.2719	SAG
ML	20	B	64.98	1000	339756	-1.868	-535.33	64.8853	65.0747	CREST
ML	20	B	65.473	800	342359	0.977	818.833	65.3972	65.5488	SAG
ML	20	B	66.429	800	347406	1.357	589.536	66.3532	66.5048	SAG
ML	20	B	66.988	1400	350358	-6.264	-223.5	66.8554	67.1206	CREST
ML	20	B	67.315	1300	352084	8.863	146.677	67.1919	67.4381	SAG
ML	20	B	67.566	1000	353410	-6.009	-166.42	67.4713	67.6607	CREST
ML	20	B	67.84	800	354856	2.88	277.778	67.7642	67.9158	SAG
ML	20	B	68.172	100	356609	0.342	292.398	68.1625	68.1815	SAG
ML	20	B	68.712	2200	359460	-3.7	-594.6	68.5037	68.9203	CREST
ML	20	B	69.214	1000	362111	2.694	371.195	69.1193	69.3087	SAG
ML	20	B	69.696	600	364656	-0.394	-1522.8	69.6392	69.7528	CREST
ML	20	B	70.539	800	369107	1.229	650.936	70.4632	70.6148	SAG
ML	20	B	71.268	1200	372956	-2.284	-525.39	71.1544	71.3816	CREST
ML	20	B	71.884	1800	376209	6.386	281.867	71.7135	72.0545	SAG
ML	20	B	72.566	1600	379810	-5.255	-304.47	72.4145	72.7175	CREST
ML	20	B	72.85	100	381309	-0.147	-680.27	72.8405	72.8595	CREST
ML	20	B	73.13	600	382788	1.414	424.328	73.0732	73.1868	SAG
ML	20	B	73.415	600	384288	-0.785	-764.33	73.3582	73.4718	CREST
ML	20	B	73.907	1800	386886	-2.142	-840.34	73.7365	74.0775	CREST
ML	20	B	74.459	1000	391041	4.75	210.526	74.3643	74.5537	SAG
ML	20	B	74.885	1800	393290	-6.832	-263.47	74.7145	75.0555	CREST
ML	20	B	75.226	1000	395091	4.532	220.653	75.1313	75.3207	SAG
ML	20	B	75.472	800	396390	2.997	266.934	75.3962	75.5478	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	20	B	75.965	2100	398993	-8.047	-260.97	75.7661	76.1639	CREST
ML	20	B	76.353	800	401041	5.036	158.856	76.2772	76.4288	SAG
ML	20	B	76.562	800	402145	2.826	283.086	76.4862	76.6378	SAG
ML	20	B	76.922	2100	404046	-7.3	-287.67	76.7231	77.1209	CREST
ML	20	B	77.229	800	405667	3.88	206.186	77.1532	77.3048	SAG
ML	20	B	77.561	800	407419	4.506	177.541	77.4852	77.6368	SAG
ML	20	B	77.883	2100	409120	-6.797	-308.96	77.6841	78.0819	CREST
ML	20	B	78.233	600	410968	3.027	198.216	78.1762	78.2898	SAG
ML	20	B	78.609	800	412953	1.248	641.026	78.5332	78.6848	SAG
ML	20	B	78.857	600	414262	-1.115	-538.12	78.8002	78.9138	CREST
ML	20	B	79.166	500	415894	2.236	223.614	79.1187	79.2133	SAG
ML	20	B	79.26	500	416390	-1.47	-340.14	79.2127	79.3073	CREST
ML	20	B	79.639	400	418391	-0.832	-480.77	79.6011	79.6769	CREST
ML	20	B	79.961	1200	420091	5.153	232.874	79.8474	80.0746	SAG
ML	20	B	80.367	3000	422235	-9.845	-304.72	80.0829	80.6511	CREST
ML	20	B	80.751	400	424268	0.215	1860.47	80.7131	80.7889	SAG
ML	20	B	80.965	200	425392	9.781	20.448	80.9461	80.9839	SAG
ML	20	B	81.059	50	425890	-8.993	-5.56	81.0543	81.0637	CREST
ML	20	B	81.096	50	426086	0.644	77.64	81.0913	81.1007	SAG
ML	20	B	81.219	300	426735	1.879	159.659	81.1906	81.2474	SAG
ML	20	B	81.309	600	427212	2.325	258.065	81.2522	81.3658	SAG
ML	20	B	81.65	1200	429013	-2.243	-535	81.5364	81.7636	CREST
ML	20	B	81.935	400	430462	0.537	744.879	81.8971	81.9729	SAG
ML	20	B	82.166	1000	431861	-2.274	-439.75	82.0713	82.2607	CREST
ML	20	B	82.299	550	432564	-1.087	-505.98	82.2469	82.3511	CREST
ML	20	B	82.479	700	433514	0.777	900.901	82.4127	82.5453	SAG
ML	20	B	82.762	650	435008	2.786	233.309	82.7004	82.8236	SAG
ML	20	B	83.264	600	437659	-1.296	-462.96	83.2072	83.3208	CREST
ML	20	B	83.463	500	438710	1.092	457.875	83.4157	83.5103	SAG
ML	20	B	84.211	400	442659	1.618	247.219	84.1731	84.2489	SAG
ML	20	B	84.514	1210	444259	-3.122	-387.57	84.3994	84.6286	CREST
ML	20	B	84.798	400	445758	1.267	315.706	84.7601	84.8359	SAG
ML	20	B	85.025	400	446957	0.975	410.256	84.9871	85.0629	SAG
ML	20	B	85.271	710	448256	-1.803	-393.79	85.2038	85.3382	CREST
ML	20	B	85.461	400	449259	0.995	402.01	85.4231	85.4989	SAG
ML	20	B	85.688	400	450458	0.089	4494.38	85.6501	85.7259	SAG
ML	20	B	86.748	400	456054	0.214	1869.16	86.7101	86.7859	SAG
ML	20	B	87.326	1900	459106	7.005	271.235	87.1461	87.5059	SAG
ML	20	B	87.771	1600	461456	-8.105	-197.41	87.6195	87.9225	CREST
ML	20	B	88.471	400	465157	-0.232	-1724.1	88.4331	88.5089	CREST
ML	20	B	89.078	400	468362	-0.682	-586.51	89.0401	89.1159	CREST
ML	20	B	89.532	400	470759	1.711	233.781	89.4941	89.5699	SAG
ML	20	B	89.759	1600	471958	-2.518	-635.43	89.6075	89.9105	CREST
ML	20	B	90.148	1600	474012	2.592	617.284	89.9965	90.2995	SAG
ML	20	B	90.414	200	478002	0.344	581.395	90.3951	90.4329	SAG
ML	20	B	91.015	400	481650	-0.117	-3418.8	90.9771	91.0529	CREST
ML	20	B	92.008	200	484655	-0.086	-2325.6	91.9891	92.0269	CREST
ML	20	B	92.108	1000	486756	2.534	394.633	92.0133	92.2027	SAG
ML	20	B	92.415	400	488446	-1.125	-355.56	92.3771	92.4529	CREST
ML	20	B	92.771	400	490404	1	400	92.7331	92.8089	SAG
ML	20	B	93.076	2200	492052	-3.212	-684.93	92.8677	93.2843	CREST
ML	20	B	93.451	400	494073	0.915	437.158	93.4131	93.4889	SAG
ML	20	B	93.877	400	496375	0.226	1769.91	93.8391	93.9149	SAG
ML	20	B	94.234	600	498302	-0.83	-722.89	94.1772	94.2908	CREST
ML	20	B	94.734	1000	501000	4.243	235.682	94.6393	94.8287	SAG
ML	20	B	95.419	2400	504694	-4.608	-520.83	95.1917	95.6463	CREST
ML	20	B	95.873	200	507144	-0.347	-576.37	95.8541	95.8919	CREST
ML	20	B	96.346	800	509694	1.236	647.249	96.2702	96.4218	SAG
ML	20	B	96.856	1000	512445	-1.313	-761.62	96.7613	96.9507	CREST
ML	20	B	97.411	200	515444	-0.082	-2439	97.3921	97.4299	CREST
ML	20	B	97.782	1200	517445	-1.783	-673.02	97.6684	97.8956	CREST
ML	20	B	98.106	1200	519193	4.018	298.656	97.9924	98.2196	SAG
ML	20	B	98.486	2000	521241	-3.188	-627.35	98.2966	98.6754	CREST
ML	20	B	98.821	1000	523047	2.402	416.32	98.7263	98.9157	SAG
ML	20	B	99.286	1000	525545	3.349	298.597	99.1913	99.3807	SAG
ML	20	B	99.664	1600	527546	-4.11	-389.29	99.5125	99.8155	CREST
ML	20	B	100.392	1000	531395	1.175	851.064	100.297	100.487	SAG
ML	20	B	101.101	400	535144	1.233	324.412	101.063	101.139	SAG
ML	20	B	101.375	1600	536596	-2.829	-565.57	101.223	101.527	CREST
ML	20	B	102.019	1400	539996	-2.048	-683.59	101.886	102.152	CREST
ML	20	B	102.378	1000	541891	3.943	253.614	102.283	102.473	SAG
ML	20	B	102.71	600	543644	-1.143	-524.93	102.653	102.767	CREST
ML	20	B	103.041	200	545392	0.163	1226.99	103.022	103.06	SAG
ML	20	B	103.328	200	546892	0.64	312.5	103.309	103.347	SAG
ML	20	B	103.545	200	548043	-0.374	-534.76	103.526	103.564	CREST
ML	20	B	103.73	400	549041	0.814	491.4	103.692	103.768	SAG
ML	20	B	104.137	800	551159	-1.355	-590.41	104.061	104.213	CREST
ML	20	B	104.31	400	552104	1.057	378.43	104.272	104.348	SAG
ML	20	B	104.841	100	554946	1.008	99.206	104.832	104.85	SAG
ML	20	B	104.87	100	555097	3.398	29.429	104.861	104.879	SAG
ML	20	B	104.938	200	555457	-4.187	-47.767	104.919	104.957	CREST
ML	20	B	104.973	150	555644	-0.602	-249.17	104.959	104.987	CREST
ML	20	B	105.255	200	557132	0.412	485.437	105.236	105.274	SAG
ML	20	B	105.31	200	557422	-0.132	-1515.2	105.291	105.329	CREST
ML	20	B	105.577	250	558832	-0.739	-338.3	105.553	105.601	CREST
ML	20	B	105.757	700	559783	2.526	277.118	105.691	105.823	SAG
ML	20	B	105.833	300	560183	-2.452	-122.35	105.805	105.861	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	20	B	106.126	300	561730	0.353	849.858	106.098	106.154	SAG
ML	20	B	106.316	300	562734	0.162	1851.85	106.288	106.344	SAG
ML	20	B	106.628	300	564333	-0.021	-14286	106.6	106.656	CREST
ML	20	B	107.071	300	566731	0.671	447.094	107.043	107.099	SAG
ML	20	B	107.203	400	567433	-0.629	-635.93	107.165	107.241	CREST
ML	20	B	107.431	300	568637	0.401	748.13	107.403	107.459	SAG
ML	20	B	107.707	300	570083	0.298	1006.71	107.679	107.735	SAG
ML	20	B	107.926	500	571234	-0.782	-639.39	107.879	107.973	CREST
ML	20	B	108.144	300	572385	-0.204	-1470.6	108.116	108.172	CREST
ML	20	B	108.606	300	574830	0.204	1470.59	108.578	108.634	SAG
ML	20	B	108.806	300	575881	0.736	407.609	108.778	108.834	SAG
ML	20	B	109.138	300	577782	-0.584	-513.7	109.11	109.166	CREST
ML	20	B	115.392	800	609167	0.398	2010.05	115.316	115.468	SAG
ML	20	B	115.77	900	611163	1.415	636.042	115.685	115.855	SAG
ML	20	B	116.377	1200	614368	-2.708	-443.13	116.263	116.491	CREST
ML	20	B	116.886	600	617061	0.353	1699.72	116.829	116.943	SAG
ML	20	B	117.323	1200	619368	-2.596	-462.25	117.209	117.437	CREST
ML	20	B	117.806	600	621913	1.18	508.475	117.749	117.863	SAG
ML	20	B	118.783	800	627061	1.346	594.354	118.707	118.859	SAG
ML	20	B	119.276	800	629664	-0.761	-1051.2	119.2	119.352	CREST
ML	20	B	119.618	800	631464	0.312	2564.1	119.542	119.694	SAG
ML	20	B	120.034	800	633661	0.667	1199.4	119.958	120.11	SAG
ML	20	B	120.812	800	637763	-1.326	-603.32	120.736	120.888	CREST
ML	20	B	121.21	400	639865	0.307	1302.93	121.172	121.248	SAG
ML	20	B	121.645	800	642162	1.612	496.278	121.569	121.721	SAG
ML	20	B	122.025	800	644163	-0.532	-1503.8	121.949	122.101	CREST
ML	20	B	122.233	400	645260	-0.419	-954.65	122.195	122.271	CREST
ML	20	B	122.422	400	646258	1.954	204.708	122.384	122.46	SAG
ML	20	B	122.744	1400	647958	-4.93	-283.98	122.611	122.877	CREST
ML	20	B	123.104	600	649859	3.577	167.738	123.047	123.161	SAG
ML	20	B	123.562	200	652277	0.21	952.381	123.543	123.581	SAG
ML	20	B	123.832	600	653708	1.545	388.35	123.775	123.889	SAG
ML	20	B	124.144	400	655361	2.982	134.138	124.106	124.182	SAG
ML	20	B	124.284	426	656100	-8.546	-49.848	124.244	124.324	CREST
ML	20	B	124.443	350	656940	24.135	14.502	124.41	124.476	SAG
ML	20	B	124.513	2000	657309	-27.913	-71.651	124.324	124.702	CREST
ML	20	B	124.765	200	658640	11.545	17.324	124.746	124.784	SAG
ML	20	B	124.788	600	658761	3.69	162.602	124.731	124.845	SAG
ML	20	B	125.099	400	660409	1.692	236.407	125.061	125.137	SAG
ML	20	B	125.372	800	661855	-24.848	-32.196	125.296	125.448	CREST
ML	20	B	125.464	600	662341	30.231	19.847	125.407	125.521	SAG
ML	20	B	125.713	1000	663661	-11.421	-87.558	125.618	125.808	CREST
ML	20	B	125.958	800	664960	4.181	191.342	125.882	126.034	SAG
ML	20	B	126.261	1400	666560	-5.072	-276.03	126.128	126.394	CREST
ML	20	B	126.452	600	667558	5.007	119.832	126.395	126.509	SAG
ML	20	B	126.566	600	668160	2.65	226.415	126.509	126.623	SAG
ML	20	B	126.9	800	669907	-2.719	-294.23	126.824	126.976	CREST
ML	20	B	127.299	400	672006	-0.429	-932.4	127.261	127.337	CREST
ML	25	D	0.141	500	751	2.445	204.499	0.09365	0.18835	SAG
ML	25	D	0.387	1300	2060	-2.759	-471.19	0.26389	0.51011	CREST
ML	25	D	1.063	600	5563	0.672	892.857	1.00618	1.11982	SAG
ML	25	D	1.377	600	7238	0.908	660.793	1.32018	1.43382	SAG
ML	25	D	1.986	600	10477	1.26	476.19	1.92918	2.04282	SAG
ML	25	D	2.419	200	12773	-0.344	-581.4	2.40006	2.43794	CREST
ML	25	D	2.625	50	13873	-0.163	-306.75	2.62027	2.62973	CREST
ML	25	D	2.848	400	15062	1.722	232.288	2.81012	2.88588	SAG
ML	25	D	3.418	2260	18056	-5.083	-444.62	3.20398	3.63202	CREST
ML	25	D	3.741	800	19769	3.385	236.337	3.66524	3.81676	SAG
ML	25	D	4.009	1860	21189	-3.989	-466.28	3.83286	4.18514	CREST
ML	25	D	4.384	589	23192	1.296	454.475	4.32822	4.43978	SAG
ML	25	D	4.762	772	25188	-1.178	-655.35	4.68889	4.83511	CREST
ML	25	D	5.239	788	27703	1.534	513.69	5.16438	5.31362	SAG
ML	25	D	6.076	400	32102	-0.104	-3846.2	6.03812	6.11388	CREST
ML	25	D	6.362	400	33602	0.159	2515.72	6.32412	6.39988	SAG
ML	25	D	6.835	600	36087	-1.166	-514.58	6.77818	6.89182	CREST
ML	25	D	7.214	600	38077	0.472	1271.19	7.15718	7.27082	SAG
ML	25	D	7.785	1109	41072	-1.43	-775.52	7.67998	7.89002	CREST
ML	25	D	8.558	1598	45174	4.069	392.725	8.40667	8.70933	SAG
ML	25	D	9.181	1470	48459	-5.532	-265.73	9.0418	9.3202	CREST
ML	25	D	9.479	315	50053	3.104	101.482	9.44917	9.50883	SAG
ML	25	D	9.765	1437	51574	1.447	993.089	9.62892	9.90108	SAG
ML	25	D	10.103	1129	53369	-3.03	-372.61	9.99609	10.2099	CREST
ML	25	D	10.409	633	54974	5.29	119.66	10.3491	10.4689	SAG
ML	25	D	10.775	650	56917	-4.364	-148.95	10.7134	10.8366	CREST
ML	25	D	10.925	0	57723	-0.033	0	10.925	10.925	CREST
ML	25	D	11.045	800	58367	4.404	181.653	10.9692	11.1208	SAG
ML	25	D	11.239	1220	59392	-5.551	-219.78	11.1235	11.3545	CREST
ML	25	D	11.419	650	60342	3.595	180.807	11.3574	11.4806	SAG
ML	25	D	11.562	0	61092	-0.17	0	11.562	11.562	CREST
ML	25	D	11.585	0	61214	-0.106	0	11.585	11.585	CREST
ML	25	D	12.043	1200	63617	-0.816	-1470.6	11.9294	12.1566	CREST
ML	25	D	12.869	500	67968	-1.874	-266.81	12.8217	12.9163	CREST
ML	25	D	13.184	1100	69633	3.471	316.912	13.0798	13.2882	SAG
ML	25	D	13.481	700	71201	1.629	429.711	13.4147	13.5473	SAG
ML	25	D	13.824	1100	73012	-1.999	-550.28	13.7198	13.9282	CREST
ML	25	D	13.952	250	73688	-1.181	-211.69	13.9283	13.9757	CREST
ML	25	D	14.078	900	74359	-1.95	-461.54	13.9928	14.1632	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	D	14.315	900	75630	1.798	500.556	14.2298	14.4002	SAG
ML	25	D	14.838	200	78381	-0.047	-4255.3	14.8191	14.8569	CREST
ML	25	D	15.417	1100	81429	2.685	409.683	15.3128	15.5212	SAG
ML	25	D	15.86	1600	83764	-6.418	-249.3	15.7085	16.0115	CREST
ML	25	D	16.256	1100	85855	5.295	207.743	16.1518	16.3602	SAG
ML	25	D	16.565	600	87481	-0.624	-961.54	16.5082	16.6218	CREST
ML	25	D	16.638	1200	87867	-3.895	-308.09	16.5244	16.7516	CREST
ML	25	D	16.902	1000	89266	3.526	283.607	16.8073	16.9967	SAG
ML	25	D	17.47	600	92265	1.625	369.231	17.4132	17.5268	SAG
ML	25	D	17.785	1900	93923	-5.554	-342.1	17.6051	17.9649	CREST
ML	25	D	18.297	2400	96621	4.822	497.719	18.0697	18.5243	SAG
ML	25	D	19.038	1600	100531	-2.8	-571.43	18.8865	19.1895	CREST
ML	25	D	19.375	1000	102305	1.698	588.928	19.2803	19.4697	SAG
ML	25	D	19.829	800	104708	1.794	445.931	19.7532	19.9048	SAG
ML	25	D	20.292	2800	107150	-4	-700	20.0268	20.5572	CREST
ML	25	D	20.746	2000	109553	3.897	513.215	20.5566	20.9354	SAG
ML	25	D	21.126	2000	111554	-4.318	-463.18	20.9366	21.3154	CREST
ML	25	D	21.579	1400	113951	3.044	459.921	21.4464	21.7116	SAG
ML	25	D	22.035	1200	116353	-1.618	-741.66	21.9214	22.1486	CREST
ML	25	D	22.623	1600	119447	1.568	1020.41	22.4715	22.7745	SAG
ML	25	D	23.209	1600	122599	-3.396	-471.14	23.0575	23.3605	CREST
ML	25	D	23.404	200	123649	-0.816	-245.1	23.3851	23.4229	CREST
ML	25	D	23.644	2000	124948	5.761	347.162	23.4546	23.8334	SAG
ML	25	D	23.911	600	126338	1.207	497.1	23.8542	23.9678	SAG
ML	25	D	24.468	1200	129242	-3.889	-308.56	24.3544	24.5816	CREST
ML	25	D	24.967	200	131840	0.014	14285.7	24.9481	24.9859	SAG
ML	25	D	25.616	800	135242	1.33	601.504	25.5402	25.6918	SAG
ML	25	D	26.146	400	138041	0.797	501.882	26.1081	26.1839	SAG
ML	25	D	26.487	1400	139841	-2.345	-597.02	26.3544	26.6196	CREST
ML	25	D	27.339	1600	144340	2.419	661.43	27.1875	27.4905	SAG
ML	25	D	27.756	1600	146541	-3.638	-439.8	27.6045	27.9075	CREST
ML	25	D	28.172	1000	148738	2.153	464.468	28.0773	28.2667	SAG
ML	25	D	29.112	1200	153700	-1.878	-638.98	28.9984	29.2256	CREST
ML	25	D	29.737	1000	157000	-1.737	-575.71	29.6423	29.8317	CREST
ML	25	D	30.277	400	159851	1.268	315.457	30.2391	30.3149	SAG
ML	25	D	31.034	400	163854	-1.279	-312.74	30.9961	31.0719	CREST
ML	25	D	31.318	400	165353	1.806	221.484	31.2801	31.3559	SAG
ML	25	D	32.132	400	169651	0.749	534.045	32.0941	32.1699	SAG
ML	25	D	32.454	1400	171351	-2.509	-557.99	32.3214	32.5866	CREST
ML	25	D	32.7	600	172650	2.269	264.434	32.6432	32.7568	SAG
ML	25	D	32.956	400	174002	-0.57	-701.75	32.9181	32.9939	CREST
ML	25	D	33.269	800	175649	2.823	283.386	33.1932	33.3448	SAG
ML	25	D	33.879	400	178870	1.717	232.964	33.8411	33.9169	SAG
ML	25	D	34.481	3400	182049	-5.264	-645.9	34.159	34.803	CREST
ML	25	D	34.898	200	184250	0.325	615.385	34.8791	34.9169	SAG
ML	25	D	35.296	200	186352	-0.88	-227.27	35.2771	35.3149	CREST
ML	25	D	35.58	200	187851	0.531	376.648	35.5611	35.5989	SAG
ML	25	D	35.769	1200	188849	4.625	259.459	35.6554	35.8826	SAG
ML	25	D	36.262	1600	191452	-3.273	-488.85	36.1105	36.4135	CREST
ML	25	D	36.773	400	194150	1.694	236.128	36.7351	36.8109	SAG
ML	25	D	37.133	600	196051	-1.286	-466.56	37.0762	37.1898	CREST
ML	25	D	37.474	400	197852	1.005	398.01	37.4361	37.5119	SAG
ML	25	D	37.947	1600	200349	-3.475	-460.43	37.7955	38.0985	CREST
ML	25	D	38.298	1000	202202	3.407	293.513	38.2033	38.3927	SAG
ML	25	D	38.913	1200	205450	-1.881	-637.96	38.7994	39.0266	CREST
ML	25	D	39.595	400	209050	0.662	604.23	39.5571	39.6329	SAG
ML	25	D	39.699	400	209600	-1.081	-370.03	39.6611	39.7369	CREST
ML	25	D	40.296	400	212752	-1.232	-324.68	40.2581	40.3339	CREST
ML	25	D	40.514	1800	213903	5.909	304.62	40.3435	40.6845	SAG
ML	25	D	40.798	1200	215402	-3.369	-356.19	40.6844	40.9116	CREST
ML	25	D	41.328	1400	218201	-2.928	-478.14	41.1954	41.4606	CREST
ML	25	D	41.792	1700	220651	4.62	367.965	41.631	41.953	SAG
ML	25	D	42.825	1800	226105	-4.246	-423.93	42.6545	42.9955	CREST
ML	25	D	43.11	800	227611	2.332	343.053	43.0342	43.1858	SAG
ML	25	D	43.346	800	228857	-1.944	-411.52	43.2702	43.4218	CREST
ML	25	D	43.63	1400	230357	3.55	394.366	43.4974	43.7626	SAG
ML	25	D	44.122	1000	232960	-1.742	-574.05	44.0273	44.2167	CREST
ML	25	D	44.784	800	236455	-1.509	-530.15	44.7082	44.8598	CREST
ML	25	D	45.192	2100	238609	5.892	356.415	44.9931	45.3909	SAG
ML	25	D	45.552	800	240510	-1.471	-543.85	45.4762	45.6278	CREST
ML	25	D	45.922	1800	242458	-4.339	-414.84	45.7515	46.0925	CREST
ML	25	D	46.187	1000	243858	3.825	261.438	46.0923	46.2817	SAG
ML	25	D	46.433	800	245157	-1.947	-410.89	46.3572	46.5088	CREST
ML	25	D	46.898	1000	247612	3.223	310.27	46.8033	46.9927	SAG
ML	25	D	47.151	2700	249459	-6.323	-427.01	46.8953	47.4067	CREST
ML	25	D	47.863	1200	252709	2.897	414.222	47.7494	47.9766	SAG
ML	25	D	48.079	600	253855	0.339	1769.91	48.0222	48.1358	SAG
ML	25	D	48.287	800	254958	-0.834	-959.23	48.2112	48.3628	CREST
ML	25	D	48.729	800	257308	0.616	1298.7	48.6532	48.8048	SAG
ML	25	D	49.267	2200	260163	-3.87	-568.48	49.0587	49.4753	CREST
ML	25	D	49.53	600	261562	2.294	261.552	49.4732	49.5868	SAG
ML	25	D	49.813	600	263062	-0.534	-1123.6	49.7562	49.8698	CREST
ML	25	D	50.168	900	264946	2.832	317.797	50.0828	50.2532	SAG
ML	25	D	50.413	1600	266245	-0.812	-1970.4	50.2615	50.5645	CREST
ML	25	D	50.639	700	267449	0.539	1298.7	50.5727	50.7053	SAG
ML	25	D	51.089	2400	269787	-2.747	-873.68	50.8617	51.3163	CREST
ML	25	D	51.552	700	272189	2.183	320.66	51.4857	51.6183	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	D	51.91	1000	274004	-1.629	-613.87	51.8153	52.0047	CREST
ML	25	D	52.229	800	275704	1.974	405.268	52.1532	52.3048	SAG
ML	25	D	52.516	800	277235	-1.509	-530.15	52.4402	52.5918	CREST
ML	25	D	52.759	600	278534	2.154	278.552	52.7022	52.8158	SAG
ML	25	D	53.003	400	279838	-0.741	-539.81	52.9651	53.0409	CREST
ML	25	D	53.531	1600	282637	-1.641	-975.02	53.3795	53.6825	CREST
ML	25	D	53.984	1000	284939	3.906	256.016	53.8893	54.0787	SAG
ML	25	D	54.401	1800	287140	-2.688	-669.64	54.2305	54.5715	CREST
ML	25	D	54.741	400	288936	1.992	200.803	54.7031	54.7789	SAG
ML	25	D	55.367	2000	292236	-3.723	-537.2	55.1776	55.5564	CREST
ML	25	D	56.143	400	296338	1.397	286.328	56.1051	56.1809	SAG
ML	25	D	56.976	400	300736	1.499	266.845	56.9381	57.0139	SAG
ML	25	D	57.469	1600	303334	-1.827	-875.75	57.3175	57.6205	CREST
ML	25	D	57.981	400	306038	0.576	694.444	57.9431	58.0189	SAG
ML	25	D	58.833	400	310539	0.637	627.943	58.7951	58.8709	SAG
ML	25	D	59.989	800	316642	2.434	328.677	59.9132	60.0648	SAG
ML	25	D	60.556	1200	319636	-4.153	-288.95	60.4424	60.6696	CREST
ML	25	D	60.935	800	321637	1.603	499.064	60.8592	61.0108	SAG
ML	25	D	61.428	800	324240	-2.056	-389.11	61.3522	61.5038	CREST
ML	25	D	61.901	600	326738	1.814	330.761	61.8442	61.9578	SAG
ML	25	D	62.223	400	328438	0.463	863.931	62.1851	62.2609	SAG
ML	25	D	62.677	400	330840	-0.933	-428.73	62.6391	62.7149	CREST
ML	25	D	63	800	332541	3.228	247.831	62.9242	63.0758	SAG
ML	25	D	63.453	800	334938	-3.17	-252.37	63.3772	63.5288	CREST
ML	25	D	63.964	400	337636	1.154	346.62	63.9261	64.0019	SAG
ML	25	D	64.211	800	338940	2.845	281.195	64.1352	64.2868	SAG
ML	25	D	64.572	800	340841	-2.807	-285	64.4962	64.6478	CREST
ML	25	D	65.462	400	345540	-0.495	-808.08	65.4241	65.4999	CREST
ML	25	D	66.087	800	348840	-2.701	-296.19	66.0112	66.1628	CREST
ML	25	D	66.541	1600	351237	6.001	266.622	66.3895	66.6925	SAG
ML	25	D	66.977	1000	353539	-3.362	-297.44	66.8823	67.0717	CREST
ML	25	D	67.393	600	355736	1.655	362.538	67.3362	67.4498	SAG
ML	25	D	67.848	1200	358138	-4.289	-279.79	67.7344	67.9616	CREST
ML	25	D	68.606	800	362140	2.932	272.851	68.5302	68.6818	SAG
ML	25	D	68.89	400	363640	-0.838	-477.33	68.8521	68.9279	CREST
ML	25	D	69.078	600	364635	1.654	362.757	69.0212	69.1348	SAG
ML	25	D	71.175	1600	375707	-3.416	-468.38	71.0235	71.3265	CREST
ML	25	D	71.885	600	379458	1.222	490.998	71.8282	71.9418	SAG
ML	25	D	72.804	800	384305	1.726	463.499	72.7282	72.8798	SAG
ML	25	D	73.476	800	387858	-0.707	-1131.5	73.4002	73.5518	CREST
ML	25	D	74.366	600	392557	-0.811	-739.83	74.3092	74.4228	CREST
ML	25	D	75.086	400	396359	0.697	573.888	75.0481	75.1239	SAG
ML	25	D	76.034	800	401364	-1.043	-767.02	75.9582	76.1098	CREST
ML	25	D	76.489	800	403766	1.005	796.02	76.4132	76.5648	SAG
ML	25	D	76.981	400	406364	0.304	1315.79	76.9431	77.0189	SAG
ML	25	D	77.605	600	409658	0.966	621.118	77.5482	77.6618	SAG
ML	25	D	77.851	600	410957	-1.11	-540.54	77.7942	77.9078	CREST
ML	25	D	78.078	400	412155	0.817	489.596	78.0401	78.1159	SAG
ML	25	D	78.457	800	414157	-1.824	-438.6	78.3812	78.5328	CREST
ML	25	D	78.95	800	416754	0.87	919.54	78.8742	79.0258	SAG
ML	25	D	79.462	2400	419458	-1.995	-1203	79.2347	79.6893	CREST
ML	25	D	79.877	1200	421654	3.034	395.517	79.7634	79.9906	SAG
ML	25	D	80.464	800	424753	-0.8	-1000	80.3882	80.5398	CREST
ML	25	D	80.824	1000	426654	-1.567	-638.16	80.7293	80.9187	CREST
ML	25	D	81.2	900	428354	3.821	235.54	81.1148	81.2852	SAG
ML	25	D	81.503	2300	429953	-3.885	-592.02	81.2852	81.7208	CREST
ML	25	D	81.863	600	431854	1.386	432.9	81.8062	81.9198	SAG
ML	25	D	82.337	800	434352	-0.503	-1590.5	82.2612	82.4128	CREST
ML	25	D	82.621	800	435856	0.748	1069.52	82.5452	82.6968	SAG
ML	25	D	82.981	400	437757	-0.409	-978	82.9431	83.0189	CREST
ML	25	D	83.321	1200	439552	-2.273	-527.94	83.2074	83.4346	CREST
ML	25	D	84.174	2400	444056	5.939	404.108	83.9467	84.4013	SAG
ML	25	D	85.114	1300	449020	-2.39	-543.93	84.9909	85.2371	CREST
ML	25	D	85.801	1000	452650	-2.162	-462.54	85.7063	85.8957	CREST
ML	25	D	86.236	400	454946	-0.844	-473.93	86.1981	86.2739	CREST
ML	25	D	86.691	400	457349	0.377	1061.01	86.6531	86.7289	SAG
ML	25	D	86.928	500	458600	1.714	291.715	86.8807	86.9753	SAG
ML	25	D	87.344	800	460797	3.363	237.883	87.2682	87.4198	SAG
ML	25	D	88.083	1500	464699	-3.17	-473.19	87.941	88.225	CREST
ML	25	D	88.415	1200	466452	-2.338	-513.26	88.3014	88.5286	CREST
ML	25	D	88.566	400	467249	1.506	265.604	88.5281	88.6039	SAG
ML	25	D	88.735	1000	468146	2.879	347.343	88.6403	88.8297	SAG
ML	25	D	89.049	800	469799	-1.563	-511.84	88.9732	89.1248	CREST
ML	25	D	89.352	400	471399	1.232	324.675	89.3141	89.3899	SAG
ML	25	D	90.1	400	475348	0.267	1498.13	90.0621	90.1379	SAG
ML	25	D	90.497	1000	477445	-1.735	-576.37	90.4023	90.5917	CREST
ML	25	D	91.236	800	481346	-0.741	-1079.6	91.1602	91.3118	CREST
ML	25	D	91.407	400	482249	4.248	94.162	91.3691	91.4449	SAG
ML	25	D	91.957	1600	485151	-4.675	-342.25	91.8055	92.1085	CREST
ML	25	D	92.346	800	487258	4.094	195.408	92.2702	92.4218	SAG
ML	25	D	92.867	1100	489956	-2.377	-462.77	92.7628	92.9712	CREST
ML	25	D	93.473	600	493155	0.793	756.62	93.4162	93.5298	SAG
ML	25	D	93.927	2000	495553	-3.418	-585.14	93.7376	94.1164	CREST
ML	25	D	94.605	600	499153	2.334	257.069	94.5482	94.6618	SAG
ML	25	D	94.824	1200	500352	-2.417	-496.48	94.7104	94.9376	CREST
ML	25	D	95.044	600	501456	2.26	265.487	94.9872	95.1008	SAG
ML	25	D	95.355	1000	503156	-3.176	-314.86	95.2603	95.4497	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	D	95.696	1200	504956	4.207	285.239	95.5824	95.8096	SAG
ML	25	D	96.175	1800	507442	-4.838	-372.06	96.0045	96.3455	CREST
ML	25	D	96.535	1200	509342	3.345	358.744	96.4214	96.6486	SAG
ML	25	D	96.924	1000	511438	2.142	466.853	96.8293	97.0187	SAG
ML	25	D	97.985	1000	517041	-1.205	-829.88	97.8903	98.0797	CREST
ML	25	D	98.421	800	519343	2.744	291.545	98.3452	98.4968	SAG
ML	25	D	98.955	1400	522141	-3.798	-368.62	98.8224	99.0876	CREST
ML	25	D	100.503	500	530341	-17.367	-28.79	100.456	100.55	CREST
ML	25	D	100.805	900	531928	18.438	48.812	100.72	100.89	SAG
ML	25	D	101.089	800	533423	3.041	263.071	101.013	101.165	SAG
ML	25	D	101.443	1000	535283	-1.982	-504.54	101.348	101.538	CREST
ML	25	D	101.73	700	536788	2.051	341.297	101.664	101.796	SAG
ML	25	D	102.143	1600	538958	-3.14	-509.55	101.991	102.295	CREST
ML	25	D	102.857	2000	542714	-4.295	-465.66	102.668	103.046	CREST
ML	25	D	103.331	1400	545203	5.833	240.014	103.198	103.464	SAG
ML	25	D	103.654	2000	546903	-3.729	-536.34	103.465	103.843	CREST
ML	25	D	104.117	900	549351	4.013	224.271	104.032	104.202	SAG
ML	25	D	104.355	600	550611	-0.088	-6818.2	104.298	104.412	CREST
ML	25	D	105.345	2100	555838	-5.569	-377.09	105.146	105.544	CREST
ML	25	D	105.677	500	557590	1.236	404.531	105.63	105.724	SAG
ML	25	D	105.899	1200	558763	2.699	444.609	105.785	106.013	SAG
ML	25	D	108.964	1300	574743	-17.019	-76.385	108.841	109.087	CREST
ML	25	D	109.383	1000	576985	15.81	63.251	109.288	109.478	SAG
ML	25	D	109.705	1400	578685	3.462	404.391	109.572	109.838	SAG
ML	25	D	110.737	2800	584134	-6.371	-439.49	110.472	111.002	CREST
ML	25	D	111.135	1000	586235	4.116	242.954	111.04	111.23	SAG
ML	25	D	111.675	1400	589086	-1.988	-704.23	111.542	111.808	CREST
ML	25	D	111.902	800	590285	2.514	318.218	111.826	111.978	SAG
ML	25	D	112.262	1400	592186	-3.071	-455.88	112.129	112.395	CREST
ML	25	D	112.657	800	594287	0.192	4166.67	112.581	112.733	SAG
ML	25	D	112.901	800	595586	-0.488	-1639.3	112.825	112.977	CREST
ML	25	D	113.089	800	596584	1.682	475.624	113.013	113.165	SAG
ML	25	D	113.578	1000	599187	0.905	1104.97	113.483	113.673	SAG
ML	25	D	114.357	1200	603332	0.866	1385.68	114.243	114.471	SAG
ML	25	D	114.677	1600	605037	-2.911	-549.64	114.525	114.829	CREST
ML	25	D	115.065	1000	607086	2.029	492.854	114.97	115.16	SAG
ML	25	D	115.349	1000	608585	-0.967	-1034.1	115.254	115.444	CREST
ML	25	D	115.69	1200	610386	3.611	332.318	115.576	115.804	SAG
ML	25	D	116.031	2400	612186	-4.697	-510.96	115.804	116.258	CREST
ML	25	D	116.806	1000	616284	2.52	396.825	116.711	116.901	SAG
ML	25	D	117.374	800	619283	-1.406	-568.99	117.298	117.45	CREST
ML	25	D	117.915	1400	622034	2.385	587.002	117.782	118.048	SAG
ML	25	D	118.341	800	624283	1.917	417.319	118.265	118.417	SAG
ML	25	D	119.004	3600	627783	-7.622	-472.32	118.663	119.345	CREST
ML	25	D	119.648	1200	631184	2.989	401.472	119.534	119.762	SAG
ML	25	D	120.425	800	635286	1.471	543.848	120.349	120.501	SAG
ML	25	D	120.709	800	636786	-1.494	-535.48	120.633	120.785	CREST
ML	25	D	120.984	800	638237	1.246	642.055	120.908	121.06	SAG
ML	25	D	121.978	1200	643485	3.269	367.085	121.864	122.092	SAG
ML	25	D	122.697	4200	647281	-7.685	-546.52	122.299	123.095	CREST
ML	25	D	123.475	2600	651384	7.495	346.898	123.229	123.721	SAG
ML	25	D	123.854	1000	653385	-2.642	-378.5	123.759	123.949	CREST
ML	25	D	124.252	800	655487	2.001	399.8	124.176	124.328	SAG
ML	25	D	124.63	3200	657482	-6.859	-466.54	124.327	124.933	CREST
ML	25	D	125.179	1800	660381	2.899	620.904	125.009	125.349	SAG
ML	25	D	125.729	1400	663285	4.604	304.083	125.596	125.862	SAG
ML	25	D	125.994	1400	664684	-2.851	-491.06	125.861	126.127	CREST
ML	25	D	126.429	1000	666986	1.597	626.174	126.334	126.524	SAG
ML	25	D	126.808	1600	668987	-3.25	-492.31	126.656	126.96	CREST
ML	25	D	127.413	1000	672182	4.55	219.78	127.318	127.508	SAG
ML	25	D	128.171	1800	676184	-4.097	-439.35	128.001	128.341	CREST
ML	25	D	129.345	400	682383	2.214	180.668	129.307	129.383	SAG
ML	25	D	129.8	400	684785	-0.828	-483.09	129.762	129.838	CREST
ML	25	D	131.021	400	691232	1.879	212.879	130.983	131.059	SAG
ML	25	D	131.495	374	693735	-1.06	-352.83	131.46	131.53	CREST
ML	25	D	131.656	610	694580	-1.361	-448.2	131.598	131.714	CREST
ML	25	D	132.167	800	697283	2.027	394.672	132.091	132.243	SAG
ML	25	D	132.64	1400	699780	-3.322	-421.43	132.507	132.773	CREST
ML	25	D	133.019	800	701782	3.74	213.904	132.943	133.095	SAG
ML	25	D	133.71	2200	705430	-5.608	-392.3	133.502	133.918	CREST
ML	25	D	134.232	600	708186	0.922	650.759	134.175	134.289	SAG
ML	25	D	134.875	400	711581	0.488	819.672	134.837	134.913	SAG
ML	25	D	135.33	400	713984	0.46	869.565	135.292	135.368	SAG
ML	25	D	135.387	200	714285	0.55	363.636	135.368	135.406	SAG
ML	25	D	135.472	600	714733	-1.113	-539.08	135.415	135.529	CREST
ML	25	D	135.557	200	715182	0.383	522.193	135.538	135.576	SAG
ML	25	D	135.718	400	716032	-0.345	-1159.4	135.68	135.756	CREST
ML	25	D	135.942	800	717215	-1.523	-525.28	135.866	136.018	CREST
ML	25	D	136.421	600	719744	2.749	218.261	136.364	136.478	SAG
ML	25	D	137.382	1500	724818	-2.666	-562.64	137.24	137.524	CREST
ML	25	D	137.835	800	727215	2.239	357.302	137.759	137.911	SAG
ML	25	D	138.386	800	730119	1.723	464.306	138.31	138.462	SAG
ML	25	D	139.011	600	733419	-0.769	-780.23	138.954	139.068	CREST
ML	25	D	139.503	600	736020	2.593	231.392	139.446	139.56	SAG
ML	25	D	139.664	800	736870	-1.412	-566.57	139.588	139.74	CREST
ML	25	D	139.987	800	738570	2.583	309.717	139.911	140.063	SAG
ML	25	D	140.442	2800	740973	-6.055	-462.43	140.177	140.707	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	D	141.113	800	744517	1.523	525.279	141.037	141.189	SAG
ML	25	D	141.361	1000	745821	-2.104	-475.29	141.266	141.456	CREST
ML	25	D	141.569	1100	746919	5.548	198.27	141.465	141.673	SAG
ML	25	D	141.796	1000	748123	-2.743	-364.56	141.701	141.891	CREST
ML	25	D	143.292	800	756063	0.336	2380.95	143.216	143.368	SAG
ML	25	D	144.09	400	760266	0.502	796.813	144.052	144.128	SAG
ML	25	D	144.451	400	762162	0.776	515.464	144.413	144.489	SAG
ML	25	D	144.793	400	763962	-0.526	-760.46	144.755	144.831	CREST
ML	25	D	145.882	1000	769712	2.196	455.373	145.787	145.977	SAG
ML	25	D	146.262	2000	771713	-5.505	-363.31	146.073	146.451	CREST
ML	25	D	146.612	400	773561	0.975	410.256	146.574	146.65	SAG
ML	25	D	147.082	700	776059	-1.954	-358.24	147.016	147.148	CREST
ML	25	D	147.336	2000	777410	7.055	283.487	147.147	147.525	SAG
ML	25	D	148.197	1600	781962	-5.436	-294.33	148.045	148.349	CREST
ML	25	D	148.652	400	784364	-1.085	-368.66	148.614	148.69	CREST
ML	25	D	149.22	400	787363	2.674	149.589	149.182	149.258	SAG
ML	25	D	150.322	400	793139	0.041	9756.1	150.284	150.36	SAG
ML	25	D	156.785	1225	827269	0.576	2126.74	156.669	156.901	SAG
ML	25	D	157.143	125	829169	-0.18	-694.44	157.131	157.155	CREST
ML	25	D	157.483	2501	830974	-0.419	-5969	157.246	157.72	CREST
ML	25	D	158.076	1165	834119	-2.248	-518.24	157.966	158.186	CREST
ML	25	D	158.241	100	834994	0.166	602.41	158.232	158.25	SAG
ML	25	D	158.5	250	836369	0.846	295.508	158.476	158.524	SAG
ML	25	D	159.276	150	840486	2.378	63.078	159.262	159.29	SAG
ML	25	D	159.39	150	841086	-0.445	-337.08	159.376	159.404	CREST
ML	25	D	160.578	1400	847388	-4.805	-291.36	160.445	160.711	CREST
ML	25	D	161.076	1200	850018	3.298	363.857	160.962	161.19	SAG
ML	25	D	161.871	800	854221	-1.311	-610.22	161.795	161.947	CREST
ML	25	D	162.136	1200	855620	3.383	354.715	162.022	162.25	SAG
ML	25	D	162.514	600	857616	2.204	272.232	162.457	162.571	SAG
ML	25	D	162.856	600	859421	-1.255	-478.09	162.799	162.913	CREST
ML	25	D	163.211	800	861295	-1.713	-467.02	163.135	163.287	CREST
ML	25	D	163.486	1600	862747	-3.489	-458.58	163.334	163.638	CREST
ML	25	D	163.77	1000	864247	4.889	204.541	163.675	163.865	SAG
ML	25	D	164.187	2600	866449	-6.066	-428.62	163.941	164.433	CREST
ML	25	D	164.811	600	869743	3.12	192.308	164.754	164.868	SAG
ML	25	D	165.076	400	871143	1.073	372.787	165.038	165.114	SAG
ML	25	D	165.428	800	872996	3.784	211.416	165.352	165.504	SAG
ML	25	D	165.73	400	874596	-0.722	-554.02	165.692	165.768	CREST
ML	25	D	166.28	1200	877494	-2.786	-430.73	166.166	166.394	CREST
ML	25	D	166.933	2000	880945	3.138	637.349	166.744	167.122	SAG
ML	25	D	167.376	1017	883286	-3.061	-332.24	167.28	167.472	CREST
ML	25	D	167.775	656	885393	2.136	307.116	167.713	167.837	SAG
ML	25	D	168.167	3232	887463	-4.294	-752.68	167.861	168.473	CREST
ML	25	D	169.192	610	892875	1.25	488	169.134	169.25	SAG
ML	25	D	169.975	2461	897009	-3.12	-788.78	169.742	170.208	CREST
ML	25	D	170.435	656	899438	2.288	286.713	170.373	170.497	SAG
ML	25	D	170.97	656	902258	1.934	339.193	170.908	171.032	SAG
ML	25	D	171.119	331	903044	0.981	337.411	171.088	171.15	SAG
ML	25	D	171.806	4016	906656	-6.014	-667.78	171.426	172.186	CREST
ML	25	D	172.367	1509	909607	6.839	220.646	172.224	172.51	SAG
ML	25	D	172.566	331	910658	0.588	562.925	172.535	172.597	SAG
ML	25	D	172.932	3182	912590	-4.727	-673.15	172.631	173.233	CREST
ML	25	D	173.33	787	914692	2.854	275.753	173.255	173.405	SAG
ML	25	D	173.684	1312	916561	2.372	553.12	173.56	173.808	SAG
ML	25	D	174.399	512	920336	-3.678	-139.21	174.351	174.447	CREST
ML	25	D	180.386	3200	951961	-4.388	-729.26	180.083	180.689	CREST
ML	25	D	180.742	200	953843	2.423	82.542	180.723	180.761	SAG
ML	25	D	180.799	100	954145	-2	-50	180.79	180.808	CREST
ML	25	D	181.198	1900	956252	6.31	301.109	181.018	181.378	SAG
ML	25	D	181.557	1500	958146	-3.315	-452.49	181.415	181.699	CREST
ML	25	D	181.805	80	959457	-0.208	-384.62	181.797	181.813	CREST
ML	25	D	181.853	100	959707	0.245	408.163	181.844	181.862	SAG
ML	25	D	182.09	800	960964	2.767	289.122	182.014	182.166	SAG
ML	25	D	182.095	800	960988	2.794	286.328	182.019	182.171	SAG
ML	25	D	182.278	1100	961957	-2.157	-509.97	182.174	182.382	CREST
ML	25	D	182.721	1500	964294	3.379	443.918	182.579	182.863	SAG
ML	25	D	183.256	2400	967119	-4.815	-498.44	183.029	183.483	CREST
ML	25	D	183.987	1100	970979	2.718	404.709	183.883	184.091	SAG
ML	25	D	184.392	200	973118	-0.304	-657.9	184.373	184.411	CREST
ML	25	D	184.56	240	974003	0.461	520.607	184.537	184.583	SAG
ML	25	D	184.66	820	974530	-1.793	-457.33	184.582	184.738	CREST
ML	25	D	185.152	600	977129	-0.953	-629.59	185.095	185.209	CREST
ML	25	D	185.588	800	979431	2.604	307.22	185.512	185.664	SAG
ML	25	D	185.797	1200	980535	-3.391	-353.88	185.683	185.911	CREST
ML	25	D	186.326	700	983333	3.398	206.004	186.26	186.392	SAG
ML	25	D	186.477	600	984130	-3.178	-188.8	186.42	186.534	CREST
ML	25	D	186.599	400	984774	2.363	169.276	186.561	186.637	SAG
ML	25	D	186.799	400	985830	1.603	249.532	186.761	186.837	SAG
ML	25	D	186.894	400	986332	-2.22	-180.18	186.856	186.932	CREST
ML	25	D	187.027	400	987034	0.678	589.971	186.989	187.065	SAG
ML	25	D	187.179	400	987831	-0.251	-1593.6	187.141	187.217	CREST
ML	25	D	187.406	300	989035	3.201	93.721	187.378	187.434	SAG
ML	25	D	187.53	700	989691	-6.5	-107.69	187.464	187.596	CREST
ML	25	D	187.639	300	990267	2.959	101.386	187.611	187.667	SAG
ML	25	D	187.919	300	991740	0.672	446.429	187.891	187.947	SAG
ML	25	D	188.032	300	992342	-0.045	-6666.7	188.004	188.06	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	D	188.164	710	993039	0.948	748.945	188.097	188.231	SAG
ML	25	D	188.265	267	993525	-1.152	-231.77	188.24	188.29	CREST
ML	25	D	188.465	400	994740	3.052	131.062	188.427	188.503	SAG
ML	25	D	188.599	475	995442	-3.732	-127.28	188.554	188.644	CREST
ML	25	D	188.693	200	995944	3.204	62.422	188.674	188.712	SAG
ML	25	D	188.773	500	996366	2.5	200	188.726	188.82	SAG
ML	25	D	189.135	100	998285	0.424	235.849	189.126	189.144	SAG
ML	25	D	189.432	1600	999858	-6.586	-242.94	189.28	189.584	CREST
ML	25	D	189.738	700	1001469	3.561	196.574	189.672	189.804	SAG
ML	25	D	189.912	550	1002387	-0.38	-1447.4	189.86	189.964	CREST
ML	25	D	190.117	2500	1003469	-5.684	-439.83	189.88	190.354	CREST
ML	25	D	190.58	1000	1005914	3.803	262.95	190.485	190.675	SAG
ML	25	D	191.044	800	1008363	-1.842	-434.31	190.968	191.12	CREST
ML	25	D	191.375	400	1010116	1.322	302.572	191.337	191.413	SAG
ML	25	D	191.65	400	1011568	-0.571	-700.53	191.612	191.688	CREST
ML	25	D	191.896	600	1012867	1.514	396.301	191.839	191.953	SAG
ML	25	D	192.124	800	1014066	-0.381	-2099.7	192.048	192.2	CREST
ML	25	D	192.455	800	1015814	1.457	549.073	192.379	192.531	SAG
ML	25	D	192.825	800	1017765	1.216	657.895	192.749	192.901	SAG
ML	25	D	193.081	1000	1019117	-2.343	-426.8	192.986	193.176	CREST
ML	25	D	193.942	800	1023668	1.578	506.971	193.866	194.018	SAG
ML	25	D	194.529	2400	1026768	-5.207	-460.92	194.302	194.756	CREST
ML	25	D	195.466	1000	1031712	3.324	300.842	195.371	195.561	SAG
ML	25	D	196.933	600	1039458	0.476	1260.5	196.876	196.99	SAG
ML	25	D	197.464	1000	1042256	-0.636	-1572.3	197.369	197.559	CREST
ML	25	D	198.222	1000	1046259	0.543	1841.62	198.127	198.317	SAG
ML	25	D	199.452	1000	1052758	-0.29	-3448.3	199.357	199.547	CREST
ML	25	D	201.099	1000	1061460	1.598	625.782	201.004	201.194	SAG
ML	25	D	201.705	1200	1064659	-1.751	-685.32	201.591	201.819	CREST
ML	25	D	202.613	1200	1069459	1.523	787.919	202.499	202.727	SAG
ML	25	D	203.617	1000	1074760	-2.294	-435.92	203.522	203.712	CREST
ML	25	D	204.09	3000	1077257	1.127	2661.93	203.806	204.374	SAG
ML	25	D	204.62	2000	1080061	-0.885	-2259.9	204.431	204.809	CREST
ML	25	D	204.961	1000	1081856	1.135	881.057	204.866	205.056	SAG
ML	25	D	205.847	1000	1086529	1.915	522.193	205.752	205.942	SAG
ML	25	D	206.34	2100	1089127	-4.35	-482.76	206.141	206.539	CREST
ML	25	D	206.88	1000	1091978	2.329	429.369	206.785	206.975	SAG
ML	25	D	207.411	2200	1094776	-4.696	-468.48	207.203	207.619	CREST
ML	25	D	208.132	1200	1098578	3.445	348.331	208.018	208.246	SAG
ML	25	D	208.7	1000	1101577	0.815	1226.99	208.605	208.795	SAG
ML	25	D	209.243	1081	1104439	-3.623	-298.37	209.141	209.345	CREST
ML	25	D	209.656	1500	1106615	2.339	641.3	209.514	209.798	SAG
ML	25	D	210.299	1000	1110016	-1.122	-891.27	210.204	210.394	CREST
ML	25	D	210.925	1800	1113314	4.187	429.902	210.755	211.095	SAG
ML	25	D	211.585	2000	1116799	-4.186	-477.78	211.396	211.774	CREST
ML	25	D	212.228	2000	1120194	5.406	369.959	212.039	212.417	SAG
ML	25	D	212.948	2400	1123995	-5.709	-420.39	212.721	213.175	CREST
ML	25	D	213.478	3000	1126794	5.051	593.942	213.194	213.762	SAG
ML	25	D	214.084	1000	1129993	1.157	864.304	213.989	214.179	SAG
ML	25	D	214.804	3600	1133795	-7.756	-464.16	214.463	215.145	CREST
ML	25	D	215.616	4000	1138082	3.469	1153.07	215.237	215.995	SAG
ML	25	D	216.374	2200	1142101	-3.063	-718.25	216.166	216.582	CREST
ML	25	D	216.734	1600	1143996	3.036	527.009	216.582	216.886	SAG
ML	25	D	217.116	2000	1145997	-3.466	-577.03	216.927	217.305	CREST
ML	25	D	217.777	1000	1149477	2.22	450.45	217.682	217.872	SAG
ML	25	D	218.747	1000	1154577	2.254	443.656	218.652	218.842	SAG
ML	25	D	219.024	800	1158700	-1.005	-796.02	218.948	219.1	CREST
ML	25	D	219.364	1200	1160517	4.335	276.817	219.25	219.478	SAG
ML	25	D	219.945	3000	1163616	-7.341	-408.66	219.661	220.229	CREST
ML	25	D	220.806	800	1168215	4.486	178.333	220.73	220.882	SAG
ML	25	D	222.135	2200	1175216	-2.385	-922.43	221.927	222.343	CREST
ML	25	D	222.515	1000	1177217	3.17	315.457	222.42	222.61	SAG
ML	25	D	223.254	1000	1181114	1.107	903.342	223.159	223.349	SAG
ML	25	D	223.762	3200	1183790	-5.967	-536.28	223.459	224.065	CREST
ML	25	D	224.283	2000	1186541	2.653	753.864	224.094	224.472	SAG
ML	25	D	224.803	1000	1189286	1.437	695.894	224.708	224.898	SAG
ML	25	D	225.087	1200	1190786	-2.449	-490	224.973	225.201	CREST
ML	25	D	225.466	800	1192787	-1.342	-596.13	225.39	225.542	CREST
ML	25	D	225.656	1000	1193790	3.608	277.162	225.561	225.751	SAG
ML	25	D	225.911	1000	1195137	-2.685	-372.44	225.816	226.006	CREST
ML	25	D	226.205	1000	1196689	1.946	513.875	226.11	226.3	SAG
ML	25	D	226.696	1000	1199287	-0.908	-1101.3	226.601	226.791	CREST
ML	25	D	227.266	2500	1202296	3.455	723.589	227.029	227.503	SAG
ML	25	D	228.018	2200	1206298	-4.382	-502.05	227.81	228.226	CREST
ML	25	D	228.497	800	1208801	0.806	992.556	228.421	228.573	SAG
ML	25	D	228.874	1200	1210797	-2.429	-494.03	228.76	228.988	CREST
ML	25	D	229.393	1700	1213548	2.937	578.822	229.232	229.554	SAG
ML	25	D	229.648	1000	1214900	1.218	821.018	229.553	229.743	SAG
ML	25	D	230.063	2300	1217096	-4.26	-539.91	229.845	230.281	CREST
ML	25	D	230.802	1200	1220998	5.044	237.906	230.688	230.916	SAG
ML	25	D	231.36	4000	1223949	-4.567	-875.85	230.981	231.739	CREST
ML	25	D	232.619	2600	1230597	4.341	598.94	232.373	232.865	SAG
ML	25	D	233.018	1000	1232698	-0.667	-1499.3	232.923	233.113	CREST
ML	25	D	233.418	800	1234800	0.707	1131.54	233.342	233.494	SAG
ML	25	D	234.387	2000	1239900	-1.639	-1220.3	234.198	234.576	CREST
ML	25	D	234.814	800	1242150	-1.395	-573.48	234.738	234.89	CREST
ML	25	D	235.167	400	1244016	1.246	321.027	235.129	235.205	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	D	235.945	400	1248114	1.06	377.358	235.907	235.983	SAG
ML	25	D	237.149	400	1254465	0.675	592.593	237.111	237.187	SAG
ML	25	D	238.124	200	1259613	-0.122	-1639.3	238.105	238.143	CREST
ML	25	D	238.883	400	1263616	-0.971	-411.95	238.845	238.921	CREST
ML	25	D	239.546	400	1267116	-1.072	-373.13	239.508	239.584	CREST
ML	25	D	240.152	200	1270316	-0.688	-290.7	240.133	240.171	CREST
ML	25	D	241.204	400	1275865	0.993	402.82	241.166	241.242	SAG
ML	25	D	242.292	200	1281615	-0.262	-763.36	242.273	242.311	CREST
ML	25	D	242.764	200	1284113	0.364	549.451	242.745	242.783	SAG
ML	25	D	244.107	800	1291220	-1.435	-557.49	244.031	244.183	CREST
ML	25	D	245.026	800	1296083	2.426	329.761	244.95	245.102	SAG
ML	25	D	245.539	1600	1298786	-3.526	-453.77	245.387	245.691	CREST
ML	25	D	246.431	1400	1303498	5.972	234.427	246.298	246.564	SAG
ML	25	D	247.009	1500	1306597	-4.499	-333.41	246.867	247.151	CREST
ML	25	D	247.509	800	1309268	3.391	235.919	247.433	247.585	SAG
ML	25	D	247.87	1000	1311169	-1.394	-717.36	247.775	247.965	CREST
ML	25	D	248.291	600	1313371	0.5	1200	248.234	248.348	SAG
ML	25	D	249.362	800	1318973	1.806	442.968	249.286	249.438	SAG
ML	25	D	249.728	800	1320969	-1.938	-412.8	249.652	249.804	CREST
ML	25	D	250.012	800	1322468	0.942	849.257	249.936	250.088	SAG
ML	25	D	250.621	800	1325673	-1.846	-433.37	250.545	250.697	CREST
ML	25	D	251.142	1200	1328419	-1.675	-716.42	251.028	251.256	CREST
ML	25	D	251.819	800	1331984	-0.032	-25000	251.743	251.895	CREST
ML	25	D	252.713	800	1336688	1.148	696.864	252.637	252.789	SAG
ML	25	D	253.511	1200	1340890	-1.29	-930.23	253.397	253.625	CREST
ML	25	D	253.962	1000	1343224	4.1	243.902	253.867	254.057	SAG
ML	25	D	254.285	1200	1345030	-1.315	-912.55	254.171	254.399	CREST
ML	25	D	254.676	800	1347031	0.857	933.489	254.6	254.752	SAG
ML	25	D	255.402	500	1350732	1.783	280.426	255.355	255.449	SAG
ML	25	D	256.113	2400	1354575	-5.257	-456.53	255.886	256.34	CREST
ML	25	D	256.565	800	1357020	1.119	714.924	256.489	256.641	SAG
ML	25	D	257.124	600	1360024	0.105	5714.29	257.067	257.181	SAG
ML	25	D	257.507	600	1362046	1.048	572.519	257.45	257.564	SAG
ML	25	D	258.226	1800	1365838	-2.603	-691.51	258.056	258.396	CREST
ML	25	D	259.15	2000	1370718	5.12	390.625	258.961	259.339	SAG
ML	25	D	259.551	800	1372835	0.018	44444.4	259.475	259.627	SAG
ML	25	D	259.986	1200	1375134	-2.211	-542.74	259.872	260.1	CREST
ML	25	D	260.288	600	1376729	-0.376	-1595.7	260.231	260.345	CREST
ML	25	D	260.552	600	1378123	1.877	319.659	260.495	260.609	SAG
ML	25	D	260.759	1400	1379216	-3.167	-442.06	260.626	260.892	CREST
ML	25	D	261.24	1400	1381753	1.628	859.951	261.107	261.373	SAG
ML	25	D	261.6	1400	1383659	-1.133	-1235.7	261.467	261.733	CREST
ML	25	D	261.986	2000	1385702	1.564	1278.77	261.797	262.175	SAG
ML	25	D	262.476	1600	1388300	-1.025	-1561	262.324	262.628	CREST
ML	25	D	263.401	400	1393200	0.606	660.066	263.363	263.439	SAG
ML	25	D	264.289	600	1397899	-1.421	-422.24	264.232	264.346	CREST
ML	25	D	264.554	1200	1399304	1.915	626.632	264.44	264.668	SAG
ML	25	D	265.101	600	1402202	1.318	455.235	265.044	265.158	SAG
ML	25	D	265.306	400	1403253	-0.948	-421.94	265.268	265.344	CREST
ML	25	D	265.637	600	1405001	-1.017	-589.97	265.58	265.694	CREST
ML	25	D	266.011	600	1407002	1.651	363.416	265.954	266.068	SAG
ML	25	D	266.447	1000	1409299	-1.912	-523.01	266.352	266.542	CREST
ML	25	D	266.881	600	1411580	2.346	255.754	266.824	266.938	SAG
ML	25	D	267.331	3200	1413950	-6.781	-471.91	267.028	267.634	CREST
ML	25	D	267.987	600	1417403	2.275	263.736	267.93	268.044	SAG
ML	25	D	268.396	400	1419552	1.433	279.135	268.358	268.434	SAG
ML	25	D	268.989	400	1422671	-0.361	-1108	268.951	269.027	CREST
ML	25	D	269.369	400	1424672	-0.151	-2649	269.331	269.407	CREST
ML	25	D	269.653	800	1426171	0.488	1639.34	269.577	269.729	SAG
ML	25	D	269.957	1200	1427771	-2.501	-479.81	269.843	270.071	CREST
ML	25	D	270.308	600	1429619	2.515	238.569	270.251	270.365	SAG
ML	25	D	270.689	1200	1431625	-2.705	-443.62	270.575	270.803	CREST
ML	25	D	271.125	600	1433922	2.642	227.101	271.068	271.182	SAG
ML	25	D	272.329	1400	1440270	-2.381	-587.99	272.196	272.462	CREST
ML	25	D	272.964	600	1443623	2.05	292.683	272.907	273.021	SAG
ML	25	D	273.428	400	1446073	-0.563	-710.48	273.39	273.466	CREST
ML	25	D	274.09	100	1449573	0.456	219.298	274.081	274.099	SAG
ML	25	D	274.752	100	1453069	0.195	512.821	274.743	274.761	SAG
ML	25	D	275.69	200	1458021	0.31	645.161	275.671	275.709	SAG
ML	25	D	276.457	400	1462071	1.769	226.116	276.419	276.495	SAG
ML	25	D	276.817	1800	1463972	-4.05	-444.44	276.647	276.987	CREST
ML	25	D	277.111	600	1465524	2.262	265.252	277.054	277.168	SAG
ML	25	D	277.651	800	1468376	-1.559	-513.15	277.575	277.727	CREST
ML	25	D	277.934	200	1469870	1.007	198.61	277.915	277.953	SAG
ML	25	D	278.218	400	1471369	1.428	280.112	278.18	278.256	SAG
ML	25	D	278.53	400	1472974	1.472	271.739	278.492	278.568	SAG
ML	25	D	279.172	2200	1476319	-4.964	-443.19	278.964	279.38	CREST
ML	25	D	279.795	1800	1479594	5.595	321.716	279.625	279.965	SAG
ML	25	D	280.248	1800	1481997	-3.381	-532.39	280.078	280.418	CREST
ML	25	D	280.514	600	1483390	2.077	288.878	280.457	280.571	SAG
ML	25	D	280.723	200	1484494	0.357	560.224	280.704	280.742	SAG
ML	25	D	280.988	200	1485893	-0.415	-481.93	280.969	281.007	CREST
ML	25	D	281.555	200	1488892	0.385	519.481	281.536	281.574	SAG
ML	25	D	282.218	400	1492393	0.764	523.56	282.18	282.256	SAG
ML	25	D	282.682	2000	1494843	-4.194	-476.87	282.493	282.871	CREST
ML	25	D	283.203	800	1497594	3.312	241.546	283.127	283.279	SAG
ML	25	D	284.036	400	1501997	0.938	426.439	283.998	284.074	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	D	284.225	1400	1502995	-1.986	-704.94	284.092	284.358	CREST
ML	25	D	284.736	1000	1505693	-1.269	-788.02	284.641	284.831	CREST
ML	25	D	285.039	400	1507293	1.083	369.344	285.001	285.077	SAG
ML	25	D	285.493	400	1509695	1.621	246.761	285.455	285.531	SAG
ML	25	D	285.871	1600	1511691	-2.482	-644.64	285.719	286.023	CREST
ML	25	D	286.373	400	1514342	1.02	392.157	286.335	286.411	SAG
ML	25	D	286.951	1800	1517394	-3.158	-569.98	286.781	287.121	CREST
ML	25	D	287.291	1000	1519194	3.133	319.183	287.196	287.386	SAG
ML	25	D	288.427	400	1525192	1.11	360.36	288.389	288.465	SAG
ML	25	D	289.279	600	1529696	1.679	357.356	289.222	289.336	SAG
ML	25	D	289.915	1800	1533044	-2.944	-611.41	289.745	290.085	CREST
ML	25	D	290.647	400	1536893	0.6	666.667	290.609	290.685	SAG
ML	25	D	291.08	1400	1539195	-2.724	-513.95	290.947	291.213	CREST
ML	25	D	291.582	2000	1541845	5.578	358.551	291.393	291.771	SAG
ML	25	D	292.1	3400	1544606	-7.159	-474.93	291.778	292.422	CREST
ML	25	D	292.477	400	1546581	1.901	210.416	292.439	292.515	SAG
ML	25	D	293.039	2000	1549532	-2.54	-787.4	292.85	293.228	CREST
ML	25	D	293.697	1100	1552980	3.507	313.658	293.593	293.801	SAG
ML	25	D	294.276	1200	1556032	-2.182	-549.95	294.162	294.39	CREST
ML	25	D	294.598	400	1557732	1.15	347.826	294.56	294.636	SAG
ML	25	D	294.938	200	1559532	0.311	643.087	294.919	294.957	SAG
ML	25	D	295.364	200	1561782	0.386	518.135	295.345	295.383	SAG
ML	25	D	295.695	400	1563529	-0.552	-724.64	295.657	295.733	CREST
ML	25	D	296.017	600	1565230	0.523	1147.23	295.96	296.074	SAG
ML	25	D	296.273	1000	1566581	-2.387	-418.94	296.178	296.368	CREST
ML	25	D	296.509	1200	1567833	4.086	293.686	296.395	296.623	SAG
ML	25	D	296.858	400	1569681	2.19	182.648	296.82	296.896	SAG
ML	25	D	297.16	2700	1571280	-6.04	-447.02	296.904	297.416	CREST
ML	25	D	297.535	700	1573255	2.467	283.745	297.469	297.601	SAG
ML	25	D	297.901	1400	1575182	-2.497	-560.67	297.768	298.034	CREST
ML	25	D	298.612	900	1578931	2.292	392.67	298.527	298.697	SAG
ML	25	D	298.782	400	1579834	-0.765	-522.88	298.744	298.82	CREST
ML	25	D	299.089	800	1581457	4.054	197.336	299.013	299.165	SAG
ML	25	D	299.401	2000	1583088	-3.469	-576.54	299.212	299.59	CREST
ML	25	D	299.618	300	1584239	1.79	167.598	299.59	299.646	SAG
ML	25	D	300.072	800	1586636	-0.834	-959.23	299.996	300.148	CREST
ML	25	I	0.137	600	723	2.296	261.324	0.08018	0.19382	SAG
ML	25	I	0.392	1200	2073	-2.582	-464.76	0.27836	0.50564	CREST
ML	25	I	1.055	600	5573	0.639	938.967	0.99818	1.11182	SAG
ML	25	I	1.378	600	7273	0.913	657.174	1.32118	1.43482	SAG
ML	25	I	1.985	600	10433	1.282	468.019	1.92818	2.04182	SAG
ML	25	I	2.493	400	13063	-0.574	-696.86	2.45512	2.53088	CREST
ML	25	I	2.835	800	14988	1.812	441.501	2.75924	2.91076	SAG
ML	25	I	3.404	2200	17973	-4.952	-444.27	3.19567	3.61233	CREST
ML	25	I	3.744	800	19773	2.912	274.725	3.66824	3.81976	SAG
ML	25	I	4.026	1600	21263	-3.787	-422.5	3.87448	4.17752	CREST
ML	25	I	4.382	600	23173	1.508	397.878	4.32518	4.43882	SAG
ML	25	I	4.771	786	25233	-1.336	-588.32	4.69657	4.84543	CREST
ML	25	I	5.237	800	27693	1.556	514.139	5.16124	5.31276	SAG
ML	25	I	6.148	399	32473	-0.009	-44333	6.11022	6.18578	CREST
ML	25	I	6.384	400	33713	0.108	3703.7	6.34612	6.42188	SAG
ML	25	I	6.824	600	36038	-1.217	-493.02	6.76718	6.88082	CREST
ML	25	I	7.207	600	38063	0.503	1192.84	7.15018	7.26382	SAG
ML	25	I	7.799	1158	41183	-1.457	-794.78	7.68934	7.90866	CREST
ML	25	I	8.557	1585	45206	4.103	386.303	8.40691	8.70709	SAG
ML	25	I	9.186	1611	48527	-5.565	-289.49	9.03344	9.33856	CREST
ML	25	I	9.488	1079	50138	3.156	341.888	9.38582	9.59018	SAG
ML	25	I	9.652	33	51004	0.321	102.804	9.64888	9.65513	SAG
ML	25	I	9.804	1401	51811	0.991	1413.72	9.67133	9.93667	SAG
ML	25	I	10.107	978	53427	-2.876	-340.06	10.0144	10.1996	CREST
ML	25	I	10.411	620	55022	5.306	116.849	10.3523	10.4697	SAG
ML	25	I	10.788	928	57023	-4.822	-192.45	10.7001	10.8759	CREST
ML	25	I	10.945	100	57869	1.247	80.192	10.9355	10.9545	SAG
ML	25	I	11.232	800	59389	1.233	648.824	11.1562	11.3078	SAG
ML	25	I	11.24	1220	59429	-4.001	-304.92	11.1245	11.3555	CREST
ML	25	I	11.429	650	60379	3.622	179.459	11.3674	11.4906	SAG
ML	25	I	11.567	200	61109	-0.035	-5714.3	11.5481	11.5859	CREST
ML	25	I	12.045	1200	63654	-0.808	-1485.1	11.9314	12.1586	CREST
ML	25	I	12.869	500	68005	-1.872	-267.09	12.8217	12.9163	CREST
ML	25	I	13.185	1100	69672	3.476	316.456	13.0808	13.2892	SAG
ML	25	I	13.481	700	71234	1.823	383.982	13.4147	13.5473	SAG
ML	25	I	13.625	200	71995	-0.346	-578.04	13.6061	13.6439	CREST
ML	25	I	13.824	1100	73045	-1.867	-589.18	13.7198	13.9282	CREST
ML	25	I	13.953	250	73727	-1.015	-246.31	13.9293	13.9767	CREST
ML	25	I	14.078	900	74392	-2.167	-415.32	13.9928	14.1632	CREST
ML	25	I	14.318	900	75674	1.862	483.351	14.2328	14.4032	SAG
ML	25	I	14.838	200	78419	-0.048	-4166.7	14.8191	14.8569	CREST
ML	25	I	15.422	1100	81494	2.713	405.455	15.3178	15.5262	SAG
ML	25	I	15.855	1600	83771	-6.293	-254.25	15.7035	16.0065	CREST
ML	25	I	16.263	1100	85925	5.238	210.004	16.1588	16.3672	SAG
ML	25	I	16.565	564	87519	-0.969	-582.04	16.5116	16.6184	CREST
ML	25	I	16.637	1200	87900	-3.647	-329.04	16.5234	16.7506	CREST
ML	25	I	16.902	1000	89299	4.327	231.107	16.8073	16.9967	SAG
ML	25	I	17.186	200	90798	-1.101	-181.65	17.1671	17.2049	CREST
ML	25	I	17.548	600	92709	2.03	295.567	17.4912	17.6048	SAG
ML	25	I	17.786	1900	93961	-5.695	-333.63	17.6061	17.9659	CREST
ML	25	I	18.298	2400	96659	4.873	492.51	18.0707	18.5253	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	I	18.948	2400	100089	-2.197	-1092.4	18.7207	19.1753	CREST
ML	25	I	19.375	400	102338	0.831	481.348	19.3371	19.4129	SAG
ML	25	I	19.829	800	104741	2.282	350.57	19.7532	19.9048	SAG
ML	25	I	20.292	2800	107191	-4.238	-660.69	20.0268	20.5572	CREST
ML	25	I	20.746	2000	109593	3.897	513.215	20.5566	20.9354	SAG
ML	25	I	21.126	2000	111594	-4.343	-460.51	20.9366	21.3154	CREST
ML	25	I	21.617	1000	114192	3.375	296.296	21.5223	21.7117	SAG
ML	25	I	22.035	1200	116394	-1.924	-623.7	21.9214	22.1486	CREST
ML	25	I	22.623	400	119488	1.567	255.265	22.5851	22.6609	SAG
ML	25	I	23.221	1200	122645	-3.853	-311.45	23.1074	23.3346	CREST
ML	25	I	23.664	2000	124989	5.378	371.885	23.4746	23.8534	SAG
ML	25	I	23.931	400	126394	1.332	300.3	23.8931	23.9689	SAG
ML	25	I	24.461	1200	129192	-3.977	-301.74	24.3474	24.5746	CREST
ML	25	I	25.615	800	135286	1.365	586.081	25.5392	25.6908	SAG
ML	25	I	26.146	400	138090	0.708	564.972	26.1081	26.1839	SAG
ML	25	I	26.487	1400	139890	-2.289	-611.62	26.3544	26.6196	CREST
ML	25	I	27.339	1600	144389	2.424	660.066	27.1875	27.4905	SAG
ML	25	I	27.755	1600	146585	-3.638	-439.8	27.6035	27.9065	CREST
ML	25	I	28.172	1000	148787	2.15	465.116	28.0773	28.2667	SAG
ML	25	I	29.11	1200	153742	-1.893	-633.91	28.9964	29.2236	CREST
ML	25	I	29.858	1000	157691	-1.078	-927.64	29.7633	29.9527	CREST
ML	25	I	31.034	400	163895	-0.653	-612.56	30.9961	31.0719	CREST
ML	25	I	31.318	400	165395	1.804	221.729	31.2801	31.3559	SAG
ML	25	I	32.132	400	169693	0.749	534.045	32.0941	32.1699	SAG
ML	25	I	32.454	1400	171393	-2.509	-557.99	32.3214	32.5866	CREST
ML	25	I	32.7	600	172692	2.268	264.55	32.6432	32.7568	SAG
ML	25	I	32.956	400	174043	-0.568	-704.23	32.9181	32.9939	CREST
ML	25	I	33.268	800	175691	2.822	283.487	33.1922	33.3438	SAG
ML	25	I	33.878	400	178912	1.713	233.508	33.8401	33.9159	SAG
ML	25	I	34.481	3400	182095	-5.264	-645.9	34.159	34.803	CREST
ML	25	I	34.896	200	184292	0.329	607.903	34.8771	34.9149	SAG
ML	25	I	35.295	200	186393	-0.877	-228.05	35.2761	35.3139	CREST
ML	25	I	35.579	200	187893	0.54	370.37	35.5601	35.5979	SAG
ML	25	I	35.769	1200	188896	4.618	259.853	35.6554	35.8826	SAG
ML	25	I	36.261	1600	191494	-3.277	-488.25	36.1095	36.4125	CREST
ML	25	I	36.772	400	194192	1.694	236.128	36.7341	36.8099	SAG
ML	25	I	37.132	600	196093	-1.286	-466.56	37.0752	37.1888	CREST
ML	25	I	37.473	400	197893	1.004	398.406	37.4351	37.5109	SAG
ML	25	I	37.947	1600	200396	-3.481	-459.64	37.7955	38.0985	CREST
ML	25	I	38.297	1000	202244	3.415	292.826	38.2023	38.3917	SAG
ML	25	I	38.911	1200	205491	-1.887	-635.93	38.7974	39.0246	CREST
ML	25	I	39.632	400	209293	1.062	376.648	39.5941	39.6699	SAG
ML	25	I	39.746	400	209895	-1.558	-256.74	39.7081	39.7839	CREST
ML	25	I	40.247	400	212540	-0.967	-413.65	40.2091	40.2849	CREST
ML	25	I	40.532	1800	214045	5.671	317.404	40.3615	40.7025	SAG
ML	25	I	40.835	1400	215644	-3.34	-419.16	40.7024	40.9676	CREST
ML	25	I	41.375	1400	218496	-2.903	-482.26	41.2424	41.5076	CREST
ML	25	I	41.84	1600	220946	4.652	343.938	41.6885	41.9915	SAG
ML	25	I	42.814	1800	226094	-4.107	-438.28	42.6435	42.9845	CREST
ML	25	I	43.11	800	227655	2.16	370.37	43.0342	43.1858	SAG
ML	25	I	43.346	800	228901	-1.559	-513.15	43.2702	43.4218	CREST
ML	25	I	43.677	1400	230654	3.349	418.035	43.5444	43.8096	SAG
ML	25	I	44.103	1200	232903	-1.928	-622.41	43.9894	44.2166	CREST
ML	25	I	44.785	800	236504	-1.47	-544.22	44.7092	44.8608	CREST
ML	25	I	45.183	2100	238606	5.856	358.607	44.9841	45.3819	SAG
ML	25	I	45.544	800	240507	-1.72	-465.12	45.4682	45.6198	CREST
ML	25	I	45.922	1600	242502	-3.733	-428.61	45.7705	46.0735	CREST
ML	25	I	46.187	800	243902	3.05	262.295	46.1112	46.2628	SAG
ML	25	I	46.491	800	245507	-1.47	-544.22	46.4152	46.5668	CREST
ML	25	I	46.926	1000	247804	2.886	346.5	46.8313	47.0207	SAG
ML	25	I	47.277	2700	249656	-6.03	-447.76	47.0213	47.5327	CREST
ML	25	I	47.874	1200	252806	2.855	420.315	47.7604	47.9876	SAG
ML	25	I	48.082	600	253904	0.364	1648.35	48.0252	48.1388	SAG
ML	25	I	48.29	800	255002	-0.833	-960.38	48.2142	48.3658	CREST
ML	25	I	48.735	800	257352	0.616	1298.7	48.6592	48.8108	SAG
ML	25	I	49.276	2200	260207	-3.87	-568.48	49.0677	49.4843	CREST
ML	25	I	49.541	600	261606	2.294	261.552	49.4842	49.5978	SAG
ML	25	I	49.825	600	263106	-0.534	-1123.6	49.7682	49.8818	CREST
ML	25	I	50.182	900	264990	2.832	317.797	50.0968	50.2672	SAG
ML	25	I	50.428	1600	266289	-0.815	-1963.2	50.2765	50.5795	CREST
ML	25	I	50.654	700	267487	0.542	1291.51	50.5877	50.7203	SAG
ML	25	I	51.103	2400	269831	-2.447	-980.79	50.8757	51.3303	CREST
ML	25	I	51.572	600	272281	2.101	285.578	51.5152	51.6288	SAG
ML	25	I	51.928	1000	274080	-2.012	-497.02	51.8333	52.0227	CREST
ML	25	I	52.21	400	275579	1.782	224.467	52.1721	52.2479	SAG
ML	25	I	53.549	1600	282681	-1.384	-1156.1	53.3975	53.7005	CREST
ML	25	I	53.983	1000	284977	3.911	255.689	53.8883	54.0777	SAG
ML	25	I	54.4	1800	287179	-2.685	-670.39	54.2295	54.5705	CREST
ML	25	I	54.741	400	288980	1.989	201.106	54.7031	54.7789	SAG
ML	25	I	55.366	2000	292280	-3.726	-536.77	55.1766	55.5554	CREST
ML	25	I	56.142	400	296377	1.401	285.51	56.1041	56.1799	SAG
ML	25	I	56.976	400	300780	1.498	267.023	56.9381	57.0139	SAG
ML	25	I	57.468	1600	303378	-1.83	-874.32	57.3165	57.6195	CREST
ML	25	I	57.979	400	306076	0.58	689.655	57.9411	58.0169	SAG
ML	25	I	58.833	400	310583	0.636	628.931	58.7951	58.8709	SAG
ML	25	I	59.989	800	316686	2.434	328.677	59.9132	60.0648	SAG
ML	25	I	60.556	1200	319680	-4.153	-288.95	60.4424	60.6696	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	I	60.935	800	321681	1.603	499.064	60.8592	61.0108	SAG
ML	25	I	61.428	800	324284	-2.056	-389.11	61.3522	61.5038	CREST
ML	25	I	61.901	600	326782	1.814	330.761	61.8442	61.9578	SAG
ML	25	I	62.223	400	328482	0.463	863.931	62.1851	62.2609	SAG
ML	25	I	62.677	400	330884	-0.933	-428.73	62.6391	62.7149	CREST
ML	25	I	63	800	332585	3.223	248.216	62.9242	63.0758	SAG
ML	25	I	63.454	800	334987	-3.166	-252.69	63.3782	63.5298	CREST
ML	25	I	63.965	400	337685	1.155	346.32	63.9271	64.0029	SAG
ML	25	I	64.211	800	338984	2.844	281.294	64.1352	64.2868	SAG
ML	25	I	64.572	800	340885	-2.807	-285	64.4962	64.6478	CREST
ML	25	I	65.462	400	345584	-0.495	-808.08	65.4241	65.4999	CREST
ML	25	I	66.087	800	348884	-2.701	-296.19	66.0112	66.1628	CREST
ML	25	I	66.541	1600	351281	6.001	266.622	66.3895	66.6925	SAG
ML	25	I	66.977	1000	353583	-3.362	-297.44	66.8823	67.0717	CREST
ML	25	I	67.393	600	355780	1.655	362.538	67.3362	67.4498	SAG
ML	25	I	67.848	1200	358182	-4.289	-279.79	67.7344	67.9616	CREST
ML	25	I	68.606	800	362184	2.932	272.851	68.5302	68.6818	SAG
ML	25	I	68.89	400	363684	-0.838	-477.33	68.8521	68.9279	CREST
ML	25	I	69.078	600	364679	1.654	362.757	69.0212	69.1348	SAG
ML	25	I	71.175	1600	375751	-3.416	-468.38	71.0235	71.3265	CREST
ML	25	I	71.885	600	379502	1.222	490.998	71.8282	71.9418	SAG
ML	25	I	72.803	800	384349	1.726	463.499	72.7272	72.8788	SAG
ML	25	I	73.476	800	387902	-0.707	-1131.5	73.4002	73.5518	CREST
ML	25	I	74.366	600	392601	-0.811	-739.83	74.3092	74.4228	CREST
ML	25	I	75.086	400	396403	0.697	573.888	75.0481	75.1239	SAG
ML	25	I	76.034	800	401408	-1.043	-767.02	75.9582	76.1098	CREST
ML	25	I	76.489	800	403810	1.005	796.02	76.4132	76.5648	SAG
ML	25	I	76.981	400	406408	0.304	1315.79	76.9431	77.0189	SAG
ML	25	I	77.605	600	409702	0.966	621.118	77.5482	77.6618	SAG
ML	25	I	77.851	600	411001	-1.11	-540.54	77.7942	77.9078	CREST
ML	25	I	78.078	400	412199	0.817	489.596	78.0401	78.1159	SAG
ML	25	I	78.457	800	414201	-1.824	-438.6	78.3812	78.5328	CREST
ML	25	I	78.95	800	416798	0.87	919.54	78.8742	79.0258	SAG
ML	25	I	79.462	2400	419502	-1.995	-1203	79.2347	79.6893	CREST
ML	25	I	79.878	1200	421698	3.034	395.517	79.7644	79.9916	SAG
ML	25	I	80.466	800	424797	-0.8	-1000	80.3902	80.5418	CREST
ML	25	I	80.834	1000	426698	-1.567	-638.16	80.7393	80.9287	CREST
ML	25	I	81.203	900	428398	3.821	235.54	81.1178	81.2882	SAG
ML	25	I	81.503	2300	429997	-3.885	-592.02	81.2852	81.7208	CREST
ML	25	I	81.863	600	431898	1.386	432.9	81.8062	81.9198	SAG
ML	25	I	82.337	800	434396	-0.503	-1590.5	82.2612	82.4128	CREST
ML	25	I	82.621	800	435900	0.748	1069.52	82.5452	82.6968	SAG
ML	25	I	82.981	400	437801	-0.409	-978	82.9431	83.0189	CREST
ML	25	I	83.321	1200	439596	-2.273	-527.94	83.2074	83.4346	CREST
ML	25	I	84.174	2400	444100	5.939	404.108	83.9467	84.4013	SAG
ML	25	I	85.114	1300	449064	-2.39	-543.93	84.9909	85.2371	CREST
ML	25	I	85.801	1000	452694	-2.162	-462.54	85.7063	85.8957	CREST
ML	25	I	86.236	400	454990	-0.844	-473.93	86.1981	86.2739	CREST
ML	25	I	86.691	400	457393	0.377	1061.01	86.6531	86.7289	SAG
ML	25	I	86.928	500	458644	1.714	291.715	86.8807	86.9753	SAG
ML	25	I	87.344	800	460841	3.363	237.883	87.2682	87.4198	SAG
ML	25	I	88.083	1500	464743	-3.17	-473.19	87.941	88.225	CREST
ML	25	I	88.415	1200	466496	-2.338	-513.26	88.3014	88.5286	CREST
ML	25	I	88.566	400	467293	1.506	265.604	88.5281	88.6039	SAG
ML	25	I	88.735	1000	468190	2.879	347.343	88.6403	88.8297	SAG
ML	25	I	89.049	800	469843	-1.563	-511.84	88.9732	89.1248	CREST
ML	25	I	89.352	400	471443	1.232	324.675	89.3141	89.3899	SAG
ML	25	I	90.1	400	475392	0.267	1498.13	90.0621	90.1379	SAG
ML	25	I	90.497	1000	477489	-1.978	-505.56	90.4023	90.5917	CREST
ML	25	I	90.839	400	479294	0.452	884.956	90.8011	90.8769	SAG
ML	25	I	91.236	800	481390	1.804	443.459	91.1602	91.3118	SAG
ML	25	I	91.852	400	484643	0.934	428.266	91.8141	91.8899	SAG
ML	25	I	92.362	1300	487288	-2.717	-478.47	92.2389	92.4851	CREST
ML	25	I	92.846	1100	489891	0.318	3459.12	92.7418	92.9502	SAG
ML	25	I	93.452	600	493091	0.79	759.494	93.3952	93.5088	SAG
ML	25	I	93.907	2000	495493	-3.415	-585.65	93.7176	94.0964	CREST
ML	25	I	94.586	600	499094	2.333	257.18	94.5292	94.6428	SAG
ML	25	I	94.806	1200	500293	-2.428	-494.23	94.6924	94.9196	CREST
ML	25	I	95.02	600	501391	2.271	264.201	94.9632	95.0768	SAG
ML	25	I	95.335	1000	503091	-2.62	-381.68	95.2403	95.4297	CREST
ML	25	I	95.676	1000	504892	3.448	290.023	95.5813	95.7707	SAG
ML	25	I	96.198	2000	507579	-5.77	-346.62	96.0086	96.3874	CREST
ML	25	I	96.503	1200	509174	4.492	267.142	96.3894	96.6166	SAG
ML	25	I	96.904	1000	511375	2.129	469.704	96.8093	96.9987	SAG
ML	25	I	97.965	1000	516978	-1.205	-829.88	97.8703	98.0597	CREST
ML	25	I	98.401	800	519280	2.744	291.545	98.3252	98.4768	SAG
ML	25	I	98.931	1400	522078	-6.639	-210.88	98.7984	99.0636	CREST
ML	25	I	100.747	900	531667	3.632	247.797	100.662	100.832	SAG
ML	25	I	100.991	800	532952	3.161	253.084	100.915	101.067	SAG
ML	25	I	101.372	1000	534952	-1.823	-548.55	101.277	101.467	CREST
ML	25	I	101.636	700	536342	2.083	336.054	101.57	101.702	SAG
ML	25	I	102.056	1600	538547	-3.161	-506.17	101.904	102.208	CREST
ML	25	I	102.76	2000	542247	-4.292	-465.98	102.571	102.949	CREST
ML	25	I	103.229	1400	544717	3.546	394.811	103.096	103.362	SAG
ML	25	I	104.043	1000	548792	2.435	410.678	103.948	104.138	SAG
ML	25	I	104.277	600	550247	0.028	21428.6	104.22	104.334	SAG
ML	25	I	105.256	2100	555407	-5.623	-373.47	105.057	105.455	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	I	105.577	500	557095	1.204	415.282	105.53	105.624	SAG
ML	25	I	105.807	1200	558312	2.78	431.655	105.693	105.921	SAG
ML	25	I	108.885	1300	574292	-14.522	-89.519	108.762	109.008	CREST
ML	25	I	109.382	1000	576916	13.327	75.036	109.287	109.477	SAG
ML	25	I	109.705	1400	578622	3.46	404.624	109.572	109.838	SAG
ML	25	I	110.737	2800	584071	-6.371	-439.49	110.472	111.002	CREST
ML	25	I	111.135	1000	586172	4.117	242.895	111.04	111.23	SAG
ML	25	I	111.674	1400	589018	-1.984	-705.65	111.541	111.807	CREST
ML	25	I	111.902	800	590222	2.512	318.471	111.826	111.978	SAG
ML	25	I	112.261	1400	592117	-3.074	-455.43	112.128	112.394	CREST
ML	25	I	112.659	800	594219	0.197	4060.91	112.583	112.735	SAG
ML	25	I	112.906	800	595523	-0.494	-1619.4	112.83	112.982	CREST
ML	25	I	113.095	800	596521	1.681	475.907	113.019	113.171	SAG
ML	25	I	113.587	1000	599119	0.905	1104.97	113.492	113.682	SAG
ML	25	I	114.372	1200	603269	0.871	1377.73	114.258	114.486	SAG
ML	25	I	114.694	1600	604969	-2.911	-549.64	114.542	114.846	CREST
ML	25	I	115.083	1000	607023	2.025	493.827	114.988	115.178	SAG
ML	25	I	115.367	1000	608522	-0.967	-1034.1	115.272	115.462	CREST
ML	25	I	115.708	1200	610323	3.619	331.583	115.594	115.822	SAG
ML	25	I	116.049	2400	612118	-4.704	-510.2	115.822	116.276	CREST
ML	25	I	116.826	1000	616221	2.518	397.141	116.731	116.921	SAG
ML	25	I	117.394	800	619220	-1.406	-568.99	117.318	117.47	CREST
ML	25	I	117.915	1400	621971	2.385	587.002	117.782	118.048	SAG
ML	25	I	118.341	800	624220	1.917	417.319	118.265	118.417	SAG
ML	25	I	119.004	3600	627720	-7.622	-472.32	118.663	119.345	CREST
ML	25	I	119.648	1200	631121	2.988	401.606	119.534	119.762	SAG
ML	25	I	120.423	800	635218	1.472	543.478	120.347	120.499	SAG
ML	25	I	120.706	800	636718	-1.491	-536.55	120.63	120.782	CREST
ML	25	I	120.981	800	638174	1.243	643.604	120.905	121.057	SAG
ML	25	I	121.977	1200	643422	3.263	367.76	121.863	122.091	SAG
ML	25	I	122.698	4200	647224	-7.685	-546.52	122.3	123.096	CREST
ML	25	I	123.475	2200	651321	7.501	293.294	123.267	123.683	SAG
ML	25	I	123.854	1000	653322	-2.642	-378.5	123.759	123.949	CREST
ML	25	I	124.252	800	655424	1.992	401.606	124.176	124.328	SAG
ML	25	I	124.631	3200	657425	-6.851	-467.09	124.328	124.934	CREST
ML	25	I	125.18	1800	660323	2.899	620.904	125.01	125.35	SAG
ML	25	I	125.729	1400	663222	4.606	303.951	125.596	125.862	SAG
ML	25	I	125.994	1400	664621	-2.851	-491.06	125.861	126.127	CREST
ML	25	I	126.429	1000	666923	1.597	626.174	126.334	126.524	SAG
ML	25	I	126.808	1600	668924	-3.25	-492.31	126.656	126.96	CREST
ML	25	I	127.413	1000	672119	4.55	219.78	127.318	127.508	SAG
ML	25	I	128.171	1800	676121	-4.097	-439.35	128.001	128.341	CREST
ML	25	I	129.345	400	682320	2.214	180.668	129.307	129.383	SAG
ML	25	I	129.8	400	684722	-0.828	-483.09	129.762	129.838	CREST
ML	25	I	131.022	400	691174	1.879	212.879	130.984	131.06	SAG
ML	25	I	131.51	581	693751	-1.251	-464.43	131.455	131.565	CREST
ML	25	I	131.678	630	694638	-1.195	-527.2	131.618	131.738	CREST
ML	25	I	132.168	800	697225	2.051	390.054	132.092	132.244	SAG
ML	25	I	132.641	1400	699723	-3.324	-421.18	132.508	132.774	CREST
ML	25	I	133.019	800	701719	3.739	213.961	132.943	133.095	SAG
ML	25	I	133.711	2200	705372	-5.609	-392.23	133.503	133.919	CREST
ML	25	I	134.232	600	708123	0.928	646.552	134.175	134.289	SAG
ML	25	I	134.875	400	711518	0.488	819.672	134.837	134.913	SAG
ML	25	I	135.33	400	713921	0.46	869.565	135.292	135.368	SAG
ML	25	I	135.387	200	714222	0.556	359.712	135.368	135.406	SAG
ML	25	I	135.473	600	714676	-1.122	-534.76	135.416	135.53	CREST
ML	25	I	135.558	200	715124	0.387	516.796	135.539	135.577	SAG
ML	25	I	135.719	400	715975	-0.354	-1129.9	135.681	135.757	CREST
ML	25	I	135.942	800	717152	-1.515	-528.05	135.866	136.018	CREST
ML	25	I	136.421	600	719681	2.749	218.261	136.364	136.478	SAG
ML	25	I	137.382	1500	724755	-2.666	-562.64	137.24	137.524	CREST
ML	25	I	137.835	800	727152	2.239	357.302	137.759	137.911	SAG
ML	25	I	138.386	800	730056	1.723	464.306	138.31	138.462	SAG
ML	25	I	139.011	600	733356	-0.769	-780.23	138.954	139.068	CREST
ML	25	I	139.503	600	735957	2.593	231.392	139.446	139.56	SAG
ML	25	I	139.664	800	736807	-1.416	-564.97	139.588	139.74	CREST
ML	25	I	139.988	800	738512	2.596	308.166	139.912	140.064	SAG
ML	25	I	140.442	2800	740910	-6.06	-462.05	140.177	140.707	CREST
ML	25	I	141.114	800	744459	1.518	527.009	141.038	141.19	SAG
ML	25	I	141.361	1000	745758	-2.102	-475.74	141.266	141.456	CREST
ML	25	I	141.569	1100	746856	5.548	198.27	141.465	141.673	SAG
ML	25	I	141.796	1000	748060	-2.741	-364.83	141.701	141.891	CREST
ML	25	I	143.28	800	755914	0.334	2395.21	143.204	143.356	SAG
ML	25	I	144.077	400	760117	0.503	795.229	144.039	144.115	SAG
ML	25	I	144.437	400	762012	0.774	516.796	144.399	144.475	SAG
ML	25	I	144.778	400	763813	-0.525	-761.91	144.74	144.816	CREST
ML	25	I	145.872	1000	769564	2.196	455.373	145.777	145.967	SAG
ML	25	I	146.25	2000	771565	-5.505	-363.31	146.061	146.439	CREST
ML	25	I	146.6	400	773413	0.977	409.417	146.562	146.638	SAG
ML	25	I	147.077	700	775915	-1.953	-358.42	147.011	147.143	CREST
ML	25	I	147.335	2000	777267	7.054	283.527	147.146	147.524	SAG
ML	25	I	148.198	1600	781818	-5.439	-294.17	148.046	148.35	CREST
ML	25	I	148.652	400	784216	-1.083	-369.34	148.614	148.69	CREST
ML	25	I	149.22	400	787215	1.01	396.04	149.182	149.258	SAG
ML	25	I	149.741	1000	789965	3.125	320	149.646	149.836	SAG
ML	25	I	150.301	500	792963	-1.402	-356.63	150.254	150.348	CREST
ML	25	I	156.806	1400	827313	0.35	4000	156.673	156.939	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	I	157.487	260	830913	-0.393	-661.58	157.462	157.512	CREST
ML	25	I	158.083	1175	834058	-1.557	-754.66	157.972	158.194	CREST
ML	25	I	159.289	150	840428	2.706	55.432	159.275	159.303	SAG
ML	25	I	159.402	150	841025	-2.035	-73.71	159.388	159.416	CREST
ML	25	I	160.682	1200	847787	0.076	15789.5	160.568	160.796	SAG
ML	25	I	161.475	800	851985	-1.311	-610.22	161.399	161.551	CREST
ML	25	I	161.739	1200	853384	3.422	350.672	161.625	161.853	SAG
ML	25	I	162.119	600	855395	2.139	280.505	162.062	162.176	SAG
ML	25	I	162.458	600	857185	-1.257	-477.33	162.401	162.515	CREST
ML	25	I	162.817	800	859080	-1.686	-474.5	162.741	162.893	CREST
ML	25	I	163.092	1600	860532	-3.489	-458.58	162.94	163.244	CREST
ML	25	I	163.376	1000	862032	4.895	204.29	163.281	163.471	SAG
ML	25	I	163.792	2600	864228	-6.095	-426.58	163.546	164.038	CREST
ML	25	I	164.417	600	867528	3.214	186.683	164.36	164.474	SAG
ML	25	I	164.682	400	868928	1.002	399.202	164.644	164.72	SAG
ML	25	I	165.034	800	870781	3.674	217.746	164.958	165.11	SAG
ML	25	I	165.336	400	872375	-0.515	-776.7	165.298	165.374	CREST
ML	25	I	165.885	1200	875279	-2.829	-424.18	165.771	165.999	CREST
ML	25	I	166.407	2000	878030	2.507	797.766	166.218	166.596	SAG
ML	25	I	166.985	1207	881077	-2.76	-437.32	166.871	167.099	CREST
ML	25	I	167.309	591	882787	1.987	297.433	167.253	167.365	SAG
ML	25	I	167.8	3281	885375	-4.894	-670.41	167.489	168.111	CREST
ML	25	I	168.242	427	887708	1.987	214.897	168.202	168.282	SAG
ML	25	I	169.511	2280	894398	-2.35	-970.21	169.295	169.727	CREST
ML	25	I	170.077	640	897387	1.636	391.198	170.016	170.138	SAG
ML	25	I	170.544	1181	899847	2.624	450.076	170.432	170.656	SAG
ML	25	I	171.445	3648	904604	29.923	121.913	171.1	171.79	SAG
ML	25	I	171.973	1509	907392	-128.76	-11.719	171.83	172.116	CREST
ML	25	I	172.159	328	908374	100.697	3.257	172.128	172.19	SAG
ML	25	I	172.563	3376	910507	-5.084	-664.04	172.243	172.883	CREST
ML	25	I	173.06	1870	913132	5.625	332.444	172.883	173.237	SAG
ML	25	I	173.986	5220	918021	-7.756	-673.03	173.492	174.48	CREST
ML	25	I	174.66	623	921580	2.228	279.623	174.601	174.719	SAG
ML	25	I	175.102	1200	923909	2.445	490.798	174.988	175.216	SAG
ML	25	I	180.57	3200	952793	-4.591	-697.02	180.267	180.873	CREST
ML	25	I	181.386	1800	957102	5.098	353.08	181.216	181.556	SAG
ML	25	I	181.968	100	960176	-2.009	-49.776	181.959	181.977	CREST
ML	25	I	182.052	400	960619	-0.11	-3636.4	182.014	182.09	CREST
ML	25	I	182.361	800	962001	2.868	278.94	182.285	182.437	SAG
ML	25	I	182.521	1200	963079	-2.201	-545.21	182.407	182.635	CREST
ML	25	I	182.954	1600	965395	3.358	476.474	182.802	183.106	SAG
ML	25	I	183.464	2200	968084	-4.537	-484.9	183.256	183.672	CREST
ML	25	I	184.254	900	972149	2.606	345.357	184.169	184.339	SAG
ML	25	I	184.75	100	974832	-1.633	-61.237	184.741	184.759	CREST
ML	25	I	185.201	600	977186	-1.066	-562.85	185.144	185.258	CREST
ML	25	I	185.593	800	979287	2.615	305.927	185.517	185.669	SAG
ML	25	I	185.797	1200	980391	-4.008	-299.4	185.683	185.911	CREST
ML	25	I	185.948	400	981188	0.862	464.037	185.91	185.986	SAG
ML	25	I	186.327	700	983189	3.153	222.011	186.261	186.393	SAG
ML	25	I	186.477	600	983986	-3.178	-188.8	186.42	186.534	CREST
ML	25	I	186.599	400	984630	2.363	169.276	186.561	186.637	SAG
ML	25	I	186.799	400	985686	1.603	249.532	186.761	186.837	SAG
ML	25	I	186.894	400	986188	-2.22	-180.18	186.856	186.932	CREST
ML	25	I	187.028	400	986890	0.678	589.971	186.99	187.066	SAG
ML	25	I	187.179	400	987687	-0.251	-1593.6	187.141	187.217	CREST
ML	25	I	187.405	300	988886	3.177	94.429	187.377	187.433	SAG
ML	25	I	187.53	700	989547	-6.476	-108.09	187.464	187.596	CREST
ML	25	I	187.64	300	990123	2.96	101.351	187.612	187.668	SAG
ML	25	I	187.92	300	991601	0.671	447.094	187.892	187.948	SAG
ML	25	I	188.033	300	992203	-0.045	-6666.7	188.005	188.061	CREST
ML	25	I	188.165	710	992900	0.96	739.583	188.098	188.232	SAG
ML	25	I	188.264	267	993381	-1.165	-229.19	188.239	188.289	CREST
ML	25	I	188.465	400	994596	3.052	131.062	188.427	188.503	SAG
ML	25	I	188.6	475	995298	-3.732	-127.28	188.555	188.645	CREST
ML	25	I	188.648	250	995800	3.341	74.828	188.624	188.672	SAG
ML	25	I	188.685	300	996201	2.243	133.749	188.657	188.713	SAG
ML	25	I	188.821	100	997645	0.518	193.05	188.812	188.83	SAG
ML	25	I	189.435	1600	999698	-6.514	-245.63	189.283	189.587	CREST
ML	25	I	189.733	700	1001282	3.488	200.688	189.667	189.799	SAG
ML	25	I	189.9	550	1002170	-0.486	-1131.7	189.848	189.952	CREST
ML	25	I	190.117	2500	1003325	-5.55	-450.45	189.88	190.354	CREST
ML	25	I	190.58	1000	1005770	3.803	262.95	190.485	190.675	SAG
ML	25	I	191.044	800	1008219	-1.847	-433.14	190.968	191.12	CREST
ML	25	I	191.374	400	1009967	1.326	301.659	191.336	191.412	SAG
ML	25	I	191.649	400	1011419	-0.568	-704.23	191.611	191.687	CREST
ML	25	I	191.896	600	1012723	1.511	397.088	191.839	191.953	SAG
ML	25	I	192.124	800	1013922	-0.381	-2099.7	192.048	192.2	CREST
ML	25	I	192.456	800	1015670	1.457	549.073	192.38	192.532	SAG
ML	25	I	192.826	800	1017621	1.216	657.895	192.75	192.902	SAG
ML	25	I	193.082	1000	1018973	-2.343	-426.8	192.987	193.177	CREST
ML	25	I	193.946	800	1023524	1.578	506.971	193.87	194.022	SAG
ML	25	I	194.529	2400	1026624	-5.198	-461.72	194.302	194.756	CREST
ML	25	I	195.469	1000	1031584	3.314	301.75	195.374	195.564	SAG
ML	25	I	196.937	600	1039330	0.476	1260.5	196.88	196.994	SAG
ML	25	I	197.465	1000	1042128	-0.636	-1572.3	197.37	197.56	CREST
ML	25	I	198.225	1000	1046131	0.543	1841.62	198.13	198.32	SAG
ML	25	I	199.454	1000	1052630	-0.41	-2439	199.359	199.549	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	I	200.259	1000	1056881	0.234	4273.5	200.164	200.354	SAG
ML	25	I	201.101	1000	1061332	1.484	673.854	201.006	201.196	SAG
ML	25	I	201.706	1200	1064531	-1.751	-685.32	201.592	201.82	CREST
ML	25	I	202.614	1200	1069331	1.523	787.919	202.5	202.728	SAG
ML	25	I	203.617	1000	1074632	-1.976	-506.07	203.522	203.712	CREST
ML	25	I	204.27	1000	1078080	1.066	938.086	204.175	204.365	SAG
ML	25	I	204.62	2000	1079933	-1.421	-1407.5	204.431	204.809	CREST
ML	25	I	204.961	1000	1081728	1.597	626.174	204.866	205.056	SAG
ML	25	I	205.416	1000	1084131	-0.373	-2681	205.321	205.511	CREST
ML	25	I	205.843	1000	1086380	2.096	477.099	205.748	205.938	SAG
ML	25	I	206.365	2200	1089131	-4.33	-508.08	206.157	206.573	CREST
ML	25	I	206.933	1000	1092130	2.328	429.553	206.838	207.028	SAG
ML	25	I	207.407	2200	1094627	-4.706	-467.49	207.199	207.615	CREST
ML	25	I	208.128	1200	1098429	3.445	348.331	208.014	208.242	SAG
ML	25	I	208.696	1000	1101428	0.815	1226.99	208.601	208.791	SAG
ML	25	I	209.239	1081	1104290	-3.592	-300.95	209.137	209.341	CREST
ML	25	I	209.656	1500	1106487	2.307	650.195	209.514	209.798	SAG
ML	25	I	210.299	1000	1109888	-1.122	-891.27	210.204	210.394	CREST
ML	25	I	210.925	1800	1113186	4.362	412.655	210.755	211.095	SAG
ML	25	I	211.576	2822	1116623	-4.406	-640.49	211.309	211.843	CREST
ML	25	I	212.233	1969	1120087	5.654	348.249	212.047	212.419	SAG
ML	25	I	212.88	3281	1123498	-4.947	-663.23	212.569	213.191	CREST
ML	25	I	213.569	2625	1127136	4.473	586.854	213.32	213.818	SAG
ML	25	I	214.098	328	1129929	0.422	777.251	214.067	214.129	SAG
ML	25	I	214.825	3675	1133767	-7.42	-495.28	214.477	215.173	CREST
ML	25	I	215.618	3937	1137965	3.479	1131.65	215.245	215.991	SAG
ML	25	I	216.332	1969	1141756	-2.649	-743.3	216.146	216.518	CREST
ML	25	I	216.72	591	1143805	2.213	267.058	216.664	216.776	SAG
ML	25	I	217.138	2100	1146001	-3.078	-682.26	216.939	217.337	CREST
ML	25	I	217.76	1312	1149285	2.215	592.325	217.636	217.884	SAG
ML	25	I	218.742	1000	1154470	2.277	439.174	218.647	218.837	SAG
ML	25	I	219.009	800	1158647	-0.977	-818.83	218.933	219.085	CREST
ML	25	I	219.368	1200	1160543	4.308	278.552	219.254	219.482	SAG
ML	25	I	219.956	3000	1163647	-7.335	-409	219.672	220.24	CREST
ML	25	I	220.827	800	1168246	4.486	178.333	220.751	220.903	SAG
ML	25	I	222.158	2600	1175247	-2.384	-1090.6	221.912	222.404	CREST
ML	25	I	222.537	1000	1177249	3.067	326.052	222.442	222.632	SAG
ML	25	I	223.275	1000	1181145	1.266	789.889	223.18	223.37	SAG
ML	25	I	223.772	3400	1183769	-5.937	-572.68	223.45	224.094	CREST
ML	25	I	224.283	2000	1186467	2.566	779.423	224.094	224.472	SAG
ML	25	I	224.804	800	1189218	0.937	853.789	224.728	224.88	SAG
ML	25	I	225.069	1000	1190617	-3.551	-281.61	224.974	225.164	CREST
ML	25	I	225.429	800	1192518	3.301	242.351	225.353	225.505	SAG
ML	25	I	225.656	800	1193716	0.48	1666.67	225.58	225.732	SAG
ML	25	I	225.941	1000	1195221	-2.596	-385.21	225.846	226.036	CREST
ML	25	I	226.205	1000	1196615	1.865	536.193	226.11	226.3	SAG
ML	25	I	226.697	1000	1199218	-0.764	-1308.9	226.602	226.792	CREST
ML	25	I	227.266	2500	1202227	3.391	737.246	227.029	227.503	SAG
ML	25	I	228.018	2900	1206224	-4.385	-661.35	227.743	228.293	CREST
ML	25	I	228.497	800	1208727	0.608	1315.79	228.421	228.573	SAG
ML	25	I	228.875	1200	1210728	-1.977	-606.98	228.761	228.989	CREST
ML	25	I	229.394	1700	1213479	2.682	633.855	229.233	229.555	SAG
ML	25	I	229.649	1000	1214831	1.218	821.018	229.554	229.744	SAG
ML	25	I	230.064	2300	1217027	-4.241	-542.33	229.846	230.282	CREST
ML	25	I	230.348	100	1218527	-0.141	-709.22	230.339	230.357	CREST
ML	25	I	230.831	1200	1221077	5.538	216.685	230.717	230.945	SAG
ML	25	I	231.36	4000	1223875	-4.936	-810.37	230.981	231.739	CREST
ML	25	I	232.62	2600	1230528	4.338	599.355	232.374	232.866	SAG
ML	25	I	233.019	1000	1232630	-0.383	-2611	232.924	233.114	CREST
ML	25	I	233.398	1000	1234631	0.518	1930.5	233.303	233.493	SAG
ML	25	I	233.682	600	1236130	-0.194	-3092.8	233.625	233.739	CREST
ML	25	I	233.89	400	1237229	0.232	1724.14	233.852	233.928	SAG
ML	25	I	234.041	400	1238026	-0.306	-1307.2	234.003	234.079	CREST
ML	25	I	234.421	1200	1240027	-1.685	-712.17	234.307	234.535	CREST
ML	25	I	234.772	800	1241880	-1.234	-648.3	234.696	234.848	CREST
ML	25	I	235.194	400	1244090	1.289	310.318	235.156	235.232	SAG
ML	25	I	235.945	400	1248040	1.103	362.647	235.907	235.983	SAG
ML	25	I	237.101	400	1254138	0.561	713.012	237.063	237.139	SAG
ML	25	I	238.883	400	1263542	-0.976	-409.84	238.845	238.921	CREST
ML	25	I	239.545	600	1267037	-1.257	-477.33	239.488	239.602	CREST
ML	25	I	240.208	200	1270538	-0.563	-355.24	240.189	240.227	CREST
ML	25	I	241.203	400	1275786	1.116	358.423	241.165	241.241	SAG
ML	25	I	242.009	200	1280042	-0.254	-787.4	241.99	242.028	CREST
ML	25	I	242.764	200	1284039	0.319	626.959	242.745	242.783	SAG
ML	25	I	244.05	800	1290845	-1.419	-563.78	243.974	244.126	CREST
ML	25	I	245.026	800	1296009	2.356	339.559	244.95	245.102	SAG
ML	25	I	245.541	1600	1298712	-3.544	-451.47	245.389	245.693	CREST
ML	25	I	246.428	1400	1303395	5.985	233.918	246.295	246.561	SAG
ML	25	I	247.013	1500	1306500	-4.52	-331.86	246.871	247.155	CREST
ML	25	I	247.509	800	1309124	3.418	234.055	247.433	247.585	SAG
ML	25	I	247.869	1000	1311025	-1.394	-717.36	247.774	247.964	CREST
ML	25	I	248.287	600	1313227	0.501	1197.61	248.23	248.344	SAG
ML	25	I	249.35	800	1318824	1.808	442.478	249.274	249.426	SAG
ML	25	I	249.746	800	1320925	-2.142	-373.48	249.67	249.822	CREST
ML	25	I	250.03	800	1322425	1.272	628.931	249.954	250.106	SAG
ML	25	I	250.664	800	1325777	-2.412	-331.68	250.588	250.74	CREST
ML	25	I	251.185	1000	1328528	-1.303	-767.46	251.09	251.28	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	I	251.782	800	1331682	0.032	25000	251.706	251.858	SAG
ML	25	I	252.672	800	1336386	1.147	697.472	252.596	252.748	SAG
ML	25	I	253.465	1200	1340578	-1.341	-894.86	253.351	253.579	CREST
ML	25	I	253.893	1600	1342849	4.173	383.417	253.741	254.045	SAG
ML	25	I	254.234	1200	1344638	-1.336	-898.2	254.12	254.348	CREST
ML	25	I	254.616	800	1346639	0.857	933.489	254.54	254.692	SAG
ML	25	I	255.353	500	1350340	1.77	282.486	255.306	255.4	SAG
ML	25	I	256.082	2400	1354197	-5.24	-458.02	255.855	256.309	CREST
ML	25	I	256.546	800	1356647	1.162	688.468	256.47	256.622	SAG
ML	25	I	257.506	600	1361721	1.08	555.556	257.449	257.563	SAG
ML	25	I	258.222	1800	1365510	-2.574	-699.3	258.052	258.392	CREST
ML	25	I	259.138	2000	1370349	5.154	388.048	258.949	259.327	SAG
ML	25	I	259.535	800	1372440	-0.014	-57143	259.459	259.611	CREST
ML	25	I	259.97	1200	1374734	-2.223	-539.81	259.856	260.084	CREST
ML	25	I	260.275	600	1376340	1.037	578.592	260.218	260.332	SAG
ML	25	I	260.404	1400	1377021	-1.072	-1306	260.271	260.537	CREST
ML	25	I	260.767	1400	1378932	-1.136	-1232.4	260.634	260.9	CREST
ML	25	I	261.211	2000	1381276	1.779	1124.23	261.022	261.4	SAG
ML	25	I	261.647	1600	1383573	-1.235	-1295.5	261.495	261.799	CREST
ML	25	I	262.575	400	1388473	0.606	660.066	262.537	262.613	SAG
ML	25	I	263.465	600	1393172	-1.421	-422.24	263.408	263.522	CREST
ML	25	I	263.731	1200	1394577	2.019	594.354	263.617	263.845	SAG
ML	25	I	264.28	400	1397475	0.739	541.272	264.242	264.318	SAG
ML	25	I	264.479	400	1398526	-0.53	-754.72	264.441	264.517	CREST
ML	25	I	264.753	600	1399973	-0.964	-622.41	264.696	264.81	CREST
ML	25	I	265.189	600	1402275	1.699	353.149	265.132	265.246	SAG
ML	25	I	265.624	1200	1404572	-1.743	-688.47	265.51	265.738	CREST
ML	25	I	266.06	600	1406874	2.158	278.035	266.003	266.117	SAG
ML	25	I	266.505	3200	1409223	-6.81	-469.9	266.202	266.808	CREST
ML	25	I	267.129	600	1412523	2.262	265.252	267.072	267.186	SAG
ML	25	I	267.565	400	1414825	-0.433	-923.79	267.527	267.603	CREST
ML	25	I	268.437	1200	1419432	-0.827	-1451	268.323	268.551	CREST
ML	25	I	268.873	600	1421734	2.635	227.704	268.816	268.93	SAG
ML	25	I	270.075	1400	1428086	-2.387	-586.51	269.942	270.208	CREST
ML	25	I	270.708	600	1431433	2.055	291.971	270.651	270.765	SAG
ML	25	I	271.172	400	1433883	-0.563	-710.48	271.134	271.21	CREST
ML	25	I	271.835	100	1437384	0.457	218.818	271.826	271.844	SAG
ML	25	I	272.499	100	1440884	0.193	518.135	272.49	272.508	SAG
ML	25	I	273.343	200	1445335	0.304	657.895	273.324	273.362	SAG
ML	25	I	274.158	400	1449633	1.752	228.311	274.12	274.196	SAG
ML	25	I	274.538	1800	1451634	-3.977	-452.6	274.368	274.708	CREST
ML	25	I	274.861	600	1453335	2.212	271.248	274.804	274.918	SAG
ML	25	I	275.401	800	1456186	0.5	1600	275.325	275.477	SAG
ML	25	I	279.101	2200	1475754	-3.109	-707.62	278.893	279.309	CREST
ML	25	I	279.724	1800	1479036	5.594	321.773	279.554	279.894	SAG
ML	25	I	280.177	1800	1481434	-3.384	-531.92	280.007	280.347	CREST
ML	25	I	280.443	600	1482833	2.081	288.323	280.386	280.5	SAG
ML	25	I	280.651	200	1483931	0.343	583.09	280.632	280.67	SAG
ML	25	I	280.917	200	1485335	-0.407	-491.4	280.898	280.936	CREST
ML	25	I	281.483	200	1488329	0.383	522.193	281.464	281.502	SAG
ML	25	I	282.146	400	1491830	0.759	527.009	282.108	282.184	SAG
ML	25	I	282.61	2000	1494285	-4.192	-477.1	282.421	282.799	CREST
ML	25	I	283.13	800	1497031	3.307	241.911	283.054	283.206	SAG
ML	25	I	283.967	400	1501456	0.682	586.51	283.929	284.005	SAG
ML	25	I	284.119	1200	1502259	-1.69	-710.06	284.005	284.233	CREST
ML	25	I	284.668	1000	1505158	-1.302	-768.05	284.573	284.763	CREST
ML	25	I	284.971	400	1506758	1.292	309.598	284.933	285.009	SAG
ML	25	I	285.424	400	1509155	1.659	241.109	285.386	285.462	SAG
ML	25	I	285.708	1600	1510654	-2.646	-604.69	285.556	285.86	CREST
ML	25	I	286.304	400	1513806	0.936	427.35	286.266	286.342	SAG
ML	25	I	286.882	1800	1516858	-3.101	-580.46	286.712	287.052	CREST
ML	25	I	287.223	1000	1518659	3.076	325.098	287.128	287.318	SAG
ML	25	I	288.358	400	1524657	1.223	327.065	288.32	288.396	SAG
ML	25	I	289.209	600	1529155	1.561	384.369	289.152	289.266	SAG
ML	25	I	289.846	1800	1532508	-2.939	-612.45	289.676	290.016	CREST
ML	25	I	290.58	400	1536357	0.6	666.667	290.542	290.618	SAG
ML	25	I	291.007	1400	1538659	-2.726	-513.57	290.874	291.14	CREST
ML	25	I	291.516	2000	1541305	5.078	393.856	291.327	291.705	SAG
ML	25	I	292.114	3400	1544491	-6.657	-510.74	291.792	292.436	CREST
ML	25	I	292.488	400	1546466	1.899	210.637	292.45	292.526	SAG
ML	25	I	293.045	2000	1549412	-2.532	-789.89	292.856	293.234	CREST
ML	25	I	293.698	1100	1552865	3.501	314.196	293.594	293.802	SAG
ML	25	I	294.276	1200	1555917	-2.182	-549.95	294.162	294.39	CREST
ML	25	I	294.598	400	1557617	1.146	349.04	294.56	294.636	SAG
ML	25	I	294.938	200	1559412	0.315	634.921	294.919	294.957	SAG
ML	25	I	295.363	200	1561661	0.389	514.139	295.344	295.382	SAG
ML	25	I	295.695	400	1563414	-0.555	-720.72	295.657	295.733	CREST
ML	25	I	296.017	600	1565115	0.519	1156.07	295.96	296.074	SAG
ML	25	I	296.272	1000	1566461	-2.386	-419.11	296.177	296.367	CREST
ML	25	I	296.511	1200	1567712	4.086	293.686	296.397	296.625	SAG
ML	25	I	296.865	400	1569566	2.193	182.399	296.827	296.903	SAG
ML	25	I	297.17	2700	1571165	-6.04	-447.02	296.914	297.426	CREST
ML	25	I	297.546	700	1573140	2.467	283.745	297.48	297.612	SAG
ML	25	I	297.904	1400	1575067	-2.497	-560.67	297.771	298.037	CREST
ML	25	I	298.613	900	1578816	2.292	392.67	298.528	298.698	SAG
ML	25	I	298.787	400	1579719	-0.839	-476.76	298.749	298.825	CREST
ML	25	I	299.081	800	1581268	4.01	199.501	299.005	299.157	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	25	I	299.402	2000	1582979	-3.397	-588.76	299.213	299.591	CREST
ML	25	I	299.647	400	1584278	1.669	239.664	299.609	299.685	SAG
ML	25	I	299.817	400	1585176	0.515	776.699	299.779	299.855	SAG
ML	25	I	300.025	600	1586275	1.825	328.767	299.968	300.082	SAG
ML	25	I	300.389	1000	1588170	-3.008	-332.45	300.294	300.484	CREST
ML	34	B	0	394	0	-2.019	-195.15	-0.0373	0.03731	CREST
ML	34	B	0.122	400	644	2.584	154.799	0.08412	0.15988	SAG
ML	34	B	0.224	100	1528	-0.637	-156.99	0.21453	0.23347	CREST
ML	34	B	0.48	100	2927	1.282	78.003	0.47053	0.48947	SAG
ML	34	B	0.556	100	3340	-1.211	-82.576	0.54653	0.56547	CREST
ML	34	B	0.609	100	3631	-0.575	-173.91	0.59953	0.61847	CREST
ML	34	B	0.641	100	3805	0.527	189.753	0.63153	0.65047	SAG
ML	34	B	1.039	200	5880	-3.304	-60.533	1.02006	1.05794	CREST
ML	34	B	1.074	150	6059	3.655	41.04	1.0598	1.0882	SAG
ML	34	B	1.201	50	6719	-0.907	-55.127	1.19627	1.20573	CREST
ML	34	B	1.265	80	7050	-2.774	-28.839	1.25742	1.27258	CREST
ML	34	B	1.322	120	7346	2.927	40.998	1.31064	1.33336	SAG
ML	34	B	1.407	80	7789	0.892	89.686	1.39942	1.41458	SAG
ML	34	B	1.538	50	8470	0.163	306.748	1.53327	1.54273	SAG
ML	34	B	1.634	50	8967	0.061	819.672	1.62927	1.63873	SAG
ML	34	B	1.691	50	9268	0.065	769.231	1.68627	1.69573	SAG
ML	34	B	1.743	100	9542	-4.001	-24.994	1.73353	1.75247	CREST
ML	34	B	1.767	80	9669	2.411	33.181	1.75942	1.77458	SAG
ML	34	B	1.824	20	9970	0.332	60.241	1.82211	1.82589	SAG
ML	34	B	2.001	100	10905	2.795	35.778	1.99153	2.01047	SAG
ML	34	B	2.062	100	11227	-2.572	-38.88	2.05253	2.07147	CREST
ML	34	B	2.147	100	11676	-0.223	-448.43	2.13753	2.15647	CREST
ML	34	B	2.231	100	12119	0.661	151.286	2.22153	2.24047	SAG
ML	34	B	2.317	100	12573	-0.661	-151.29	2.30753	2.32647	CREST
ML	34	B	2.356	100	12774	-1.247	-80.192	2.34653	2.36547	CREST
ML	34	B	2.431	300	13175	1.247	240.577	2.40259	2.45941	SAG
ML	34	B	2.959	400	15966	0.611	654.664	2.92112	2.99688	SAG
ML	34	B	3.301	600	17767	-1.352	-443.79	3.24418	3.35782	CREST
ML	34	B	3.48	200	18712	1.231	162.47	3.46106	3.49894	SAG
ML	34	B	3.903	400	20139	5.188	77.101	3.86512	3.94088	SAG
ML	34	B	4.083	700	21090	-7.682	-91.122	4.01671	4.14929	CREST
ML	34	B	4.272	400	22088	2.1	190.476	4.23412	4.30988	SAG
ML	34	B	4.665	700	24163	2.009	348.432	4.59871	4.73129	SAG
ML	34	B	4.755	250	24638	1.579	158.328	4.73133	4.77867	SAG
ML	34	B	4.827	400	25018	-3.302	-121.14	4.78912	4.86488	CREST
ML	34	B	4.926	200	25541	-0.887	-225.48	4.90706	4.94494	CREST
ML	34	B	5.001	600	25937	2.492	240.77	4.94418	5.05782	SAG
ML	34	B	5.144	850	26692	-3.532	-240.66	5.06351	5.22449	CREST
ML	34	B	5.328	800	27663	3.01	265.781	5.25224	5.40376	SAG
ML	34	B	5.677	400	29506	-0.935	-427.81	5.63912	5.71488	CREST
ML	34	B	5.963	800	31016	-0.219	-3653	5.88724	6.03876	CREST
ML	34	B	6.389	1000	33265	-0.978	-1022.5	6.2943	6.4837	CREST
ML	34	B	6.616	1000	34464	4.362	229.253	6.5213	6.7107	SAG
ML	34	B	6.861	1600	35763	-4.879	-327.94	6.70948	7.01252	CREST
ML	34	B	7.069	600	36861	3.098	193.673	7.01218	7.12582	SAG
ML	34	B	7.277	1000	37958	-1.732	-577.37	7.1823	7.3717	CREST
ML	34	B	7.484	800	39056	-0.077	-10390	7.40824	7.55976	CREST
ML	34	B	8.024	900	41907	1.262	713.154	7.93877	8.10923	SAG
ML	34	B	8.204	1000	42858	-1.147	-871.84	8.1093	8.2987	CREST
ML	34	B	8.979	1500	46955	-4.972	-301.69	8.83695	9.12105	CREST
ML	34	B	9.253	1400	48407	7.883	177.597	9.12042	9.38558	SAG
ML	34	B	9.622	1400	50355	-2.29	-611.35	9.48942	9.75458	CREST
ML	34	B	9.981	1000	52256	-1.052	-950.57	9.8863	10.0757	CREST
ML	34	B	10.341	200	54157	0.296	675.676	10.3221	10.3599	SAG
ML	34	B	11.655	400	61140	-0.787	-508.26	11.6171	11.6929	CREST
ML	34	B	11.844	400	62138	0.29	1379.31	11.8061	11.8819	SAG
ML	34	B	12.166	400	63838	0.412	970.874	12.1281	12.2039	SAG
ML	34	B	12.28	600	64440	0.502	1195.22	12.2232	12.3368	SAG
ML	34	B	12.582	500	66034	-0.303	-1650.2	12.5347	12.6293	CREST
ML	34	B	12.677	500	66536	0.355	1408.45	12.6297	12.7243	SAG
ML	34	B	12.848	500	67439	0.561	891.266	12.8007	12.8953	SAG
ML	34	B	13.017	400	68336	0.303	1320.13	12.9791	13.0549	SAG
ML	34	B	13.244	600	69535	0.576	1041.67	13.1872	13.3008	SAG
ML	34	B	13.434	600	70538	-1.378	-435.41	13.3772	13.4908	CREST
ML	34	B	13.68	600	71837	-0.473	-1268.5	13.6232	13.7368	CREST
ML	34	B	13.813	400	72539	0.637	627.943	13.7751	13.8509	SAG
ML	34	B	13.984	600	73437	-0.48	-1250	13.9272	14.0408	CREST
ML	34	B	14.173	600	74440	0.603	995.025	14.1162	14.2298	SAG
ML	34	B	14.363	300	75438	1.002	299.401	14.3346	14.3914	SAG
ML	34	B	14.552	1000	76436	-3.275	-305.34	14.4573	14.6467	CREST
ML	34	B	14.703	300	77238	1.603	187.149	14.6746	14.7314	SAG
ML	34	B	14.949	300	78537	1.455	206.186	14.9206	14.9774	SAG
ML	34	B	15.095	500	79308	-1.353	-369.55	15.0477	15.1423	CREST
ML	34	B	15.323	400	80507	-0.533	-750.47	15.2851	15.3609	CREST
ML	34	B	15.417	300	81008	0.77	389.61	15.3886	15.4454	SAG
ML	34	B	15.616	500	82059	-0.738	-677.51	15.5687	15.6633	CREST
ML	34	B	15.73	300	82656	0.702	427.35	15.7016	15.7584	SAG
ML	34	B	15.871	300	83405	0.535	560.748	15.8426	15.8994	SAG
ML	34	B	16.74	300	87989	1.745	171.92	16.7116	16.7684	SAG
ML	34	B	16.941	2200	89055	-4.515	-487.27	16.7327	17.1493	CREST
ML	34	B	17.197	300	90407	1.272	235.849	17.1686	17.2254	SAG
ML	34	B	17.462	300	91806	1.13	265.487	17.4336	17.4904	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	34	B	17.651	1400	92804	-2.268	-617.28	17.5184	17.7836	CREST
ML	34	B	17.917	300	94208	0.379	791.557	17.8886	17.9454	SAG
ML	34	B	18.22	300	95808	0.706	424.929	18.1916	18.2484	SAG
ML	34	B	18.456	600	97054	0.702	854.701	18.3992	18.5128	SAG
ML	34	B	18.542	250	97508	-0.22	-1136.4	18.5183	18.5657	CREST
ML	34	B	18.655	600	98105	0	0	18.5982	18.7118	GRADE
ML	34	B	18.926	600	99536	0.998	601.202	18.8692	18.9828	SAG
ML	34	B	19.021	400	100037	-0.998	-400.8	18.9831	19.0589	CREST
ML	34	B	19.21	400	101035	-0.045	-8888.9	19.1721	19.2479	CREST
ML	34	B	19.627	400	103237	0.733	545.703	19.5891	19.6649	SAG
ML	34	B	19.93	400	104837	1.022	391.389	19.8921	19.9679	SAG
ML	34	B	20.063	400	105539	-0.131	-3053.4	20.0251	20.1009	CREST
ML	34	B	20.195	400	106236	-0.499	-801.6	20.1571	20.2329	CREST
ML	34	B	20.301	600	106792	-0.968	-619.84	20.2442	20.3578	CREST
ML	34	B	20.471	800	107690	0.458	1746.73	20.3952	20.5468	SAG
ML	34	B	20.604	600	108392	-0.902	-665.19	20.5472	20.6608	CREST
ML	34	B	20.718	600	108994	-0.73	-821.92	20.6612	20.7748	CREST
ML	34	B	21.021	400	110594	1.56	256.41	20.9831	21.0589	SAG
ML	34	B	21.478	400	113004	0.728	549.451	21.4401	21.5159	SAG
ML	34	B	21.725	600	114309	0.944	635.593	21.6682	21.7818	SAG
ML	34	B	21.952	400	115507	0.758	527.704	21.9141	21.9899	SAG
ML	34	B	22.34	2000	117556	-3.439	-581.56	22.1506	22.5294	CREST
ML	34	B	22.748	1000	119710	0.94	1063.83	22.6533	22.8427	SAG
ML	34	B	23.145	2000	121806	-3.273	-611.06	22.9556	23.3344	CREST
ML	34	B	23.458	1100	123459	2.88	381.944	23.3538	23.5622	SAG
ML	34	B	23.978	1000	126204	2.028	493.097	23.8833	24.0727	SAG
ML	34	B	24.244	1300	127609	-2.755	-471.87	24.1209	24.3671	CREST
ML	34	B	24.628	920	129636	-2.658	-346.13	24.5409	24.7151	CREST
ML	34	B	24.792	800	130502	3.173	252.127	24.7162	24.8678	SAG
ML	34	B	25.115	1000	132208	2.438	410.172	25.0203	25.2097	SAG
ML	34	B	25.408	1500	133755	-3.778	-397.04	25.266	25.55	CREST
ML	34	B	25.683	1400	135207	2.662	525.92	25.5504	25.8156	SAG
ML	34	B	26.261	1700	138259	3.01	564.784	26.1	26.422	SAG
ML	34	B	26.744	2400	140809	-8.431	-284.66	26.5167	26.9713	CREST
ML	34	B	27.103	800	142704	2.692	297.177	27.0272	27.1788	SAG
ML	34	B	27.51	600	144853	1.463	410.116	27.4532	27.5668	SAG
ML	34	B	27.829	400	146538	0.508	787.402	27.7911	27.8669	SAG
ML	34	B	28.316	300	149109	0.059	5084.75	28.2876	28.3444	SAG
ML	34	B	28.865	800	152008	-0.978	-818	28.7892	28.9408	CREST
ML	34	B	29.187	600	153708	1.169	513.259	29.1302	29.2438	SAG
ML	34	B	29.424	400	154959	-0.409	-978	29.3861	29.4619	CREST
ML	34	B	29.67	600	156258	0.603	995.025	29.6132	29.7268	SAG
ML	34	B	29.897	400	157457	0.125	3200	29.8591	29.9349	SAG
ML	34	B	30.134	800	158708	-0.495	-1616.2	30.0582	30.2098	CREST
ML	34	B	30.91	200	162805	-0.147	-1360.5	30.8911	30.9289	CREST
ML	34	B	31.687	200	166908	-0.108	-1851.9	31.6681	31.7059	CREST
ML	34	B	33.05	1000	174105	2.149	465.333	32.9553	33.1447	SAG
ML	34	B	33.259	1000	175208	-2.071	-482.86	33.1643	33.3537	CREST
ML	34	B	33.656	1000	177304	0.531	1883.24	33.5613	33.7507	SAG
ML	34	B	34.073	1000	179506	-0.741	-1349.5	33.9783	34.1677	CREST
ML	34	B	35.058	1000	184707	-0.596	-1677.9	34.9633	35.1527	CREST
ML	34	B	35.532	1000	187210	0.269	3717.47	35.4373	35.6267	SAG
ML	34	B	35.91	1000	189205	0.667	1499.25	35.8153	36.0047	SAG
ML	34	B	36.365	300	191608	-0.116	-2586.2	36.3366	36.3934	CREST
ML	34	B	37.312	800	196608	1.103	725.295	37.2362	37.3878	SAG
ML	34	B	37.501	800	197606	-1.736	-460.83	37.4252	37.5768	CREST
ML	34	B	38.353	300	202104	-0.862	-348.03	38.3246	38.3814	CREST
ML	34	B	38.544	400	203108	1.505	265.781	38.5061	38.5819	SAG
ML	34	B	39.584	200	208603	0.734	272.48	39.5651	39.6029	SAG
ML	34	B	39.911	600	210329	-3.567	-168.21	39.8542	39.9678	CREST
ML	34	B	40.181	1000	211755	5.025	199.005	40.0863	40.2757	SAG
ML	34	B	40.484	1200	213355	-2.749	-436.52	40.3704	40.5976	CREST
ML	34	B	40.864	1800	215360	-3.899	-461.66	40.6935	41.0345	CREST
ML	34	B	41.242	1800	217361	9.142	196.893	41.0715	41.4125	SAG
ML	34	B	41.736	2000	219964	-5.143	-388.88	41.5466	41.9254	CREST
ML	34	B	42.117	600	221978	1.676	357.995	42.0602	42.1738	SAG
ML	34	B	42.638	600	224729	0.762	787.402	42.5812	42.6948	SAG
ML	34	B	43.036	1000	226826	-1.791	-558.35	42.9413	43.1307	CREST
ML	34	B	43.34	600	228431	2.404	249.584	43.2832	43.3968	SAG
ML	34	B	43.699	1000	230326	-1.998	-500.5	43.6043	43.7937	CREST
ML	34	B	44.097	800	232428	2.504	319.489	44.0212	44.1728	SAG
ML	34	B	44.325	800	233631	-2.195	-364.47	44.2492	44.4008	CREST
ML	34	B	44.684	1200	235527	-0.88	-1363.6	44.5704	44.7976	CREST
ML	34	B	44.968	600	237026	1.606	373.599	44.9112	45.0248	SAG
ML	34	B	45.29	600	238727	-1.228	-488.6	45.2332	45.3468	CREST
ML	34	B	45.423	400	239429	1.126	355.24	45.3851	45.4609	SAG
ML	34	B	45.897	2800	241932	-5.497	-509.37	45.6318	46.1622	CREST
ML	34	B	46.275	600	243927	2.534	236.78	46.2182	46.3318	SAG
ML	34	B	46.578	800	245527	1.623	492.914	46.5022	46.6538	SAG
ML	34	B	46.806	1000	246731	-1.504	-664.89	46.7113	46.9007	CREST
ML	34	B	47.032	1200	247924	-1.248	-961.54	46.9184	47.1456	CREST
ML	34	B	47.326	1200	249477	4.252	282.22	47.2124	47.4396	SAG
ML	34	B	47.582	1000	250828	-0.999	-1001	47.4873	47.6767	CREST
ML	34	B	47.847	600	252228	0.387	1550.39	47.7902	47.9038	SAG
ML	34	B	47.97	600	252877	1.416	423.729	47.9132	48.0268	SAG
ML	34	B	48.335	1000	254804	-2.432	-411.18	48.2403	48.4297	CREST
ML	34	B	48.642	400	256425	-0.342	-1169.6	48.6041	48.6799	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	34	B	49.307	400	259936	-0.345	-1159.4	49.2691	49.3449	CREST
ML	34	B	49.666	400	261831	-0.683	-585.65	49.6281	49.7039	CREST
ML	34	B	49.988	600	263531	1.133	529.568	49.9312	50.0448	SAG
ML	34	B	50.272	400	265031	-0.868	-460.83	50.2341	50.3099	CREST
ML	34	B	50.633	400	266937	1.268	315.457	50.5951	50.6709	SAG
ML	34	B	50.917	800	268437	-0.048	-16667	50.8412	50.9928	CREST
ML	34	B	52.321	200	275850	-0.937	-213.45	52.3021	52.3399	CREST
ML	34	B	52.615	800	277402	2.464	324.675	52.5392	52.6908	SAG
ML	34	B	52.756	200	278147	-1.484	-134.77	52.7371	52.7749	CREST
ML	34	B	53.078	200	279847	0.91	219.78	53.0591	53.0969	SAG
ML	34	B	53.249	200	280750	0.142	1408.45	53.2301	53.2679	SAG
ML	34	B	54.063	800	285048	-1.441	-555.17	53.9872	54.1388	CREST
ML	34	B	55.673	200	293549	-0.967	-206.83	55.6541	55.6919	CREST
ML	34	B	56.544	400	298148	-1.866	-214.36	56.5061	56.5819	CREST
ML	34	B	56.734	200	299151	3.696	54.113	56.7151	56.7529	SAG
ML	34	B	56.885	200	299948	-2.162	-92.507	56.8661	56.9039	CREST
ML	34	B	57.359	200	302451	2.655	75.33	57.3401	57.3779	SAG
ML	34	B	57.435	300	302852	-3.505	-85.592	57.4066	57.4634	CREST
ML	34	B	57.567	200	303549	3.754	53.277	57.5481	57.5859	SAG
ML	34	B	57.643	200	303950	-5.569	-35.913	57.6241	57.6619	CREST
ML	34	B	57.737	200	304447	3.324	60.168	57.7181	57.7559	SAG
ML	34	B	57.927	200	305450	1.745	114.613	57.9081	57.9459	SAG
ML	34	B	58.003	400	305851	-6.457	-61.948	57.9651	58.0409	CREST
ML	34	B	58.192	200	306849	2.82	70.922	58.1731	58.2109	SAG
ML	34	B	58.287	200	307351	1.027	194.742	58.2681	58.3059	SAG
ML	34	B	58.704	200	309552	1.25	160	58.6851	58.7229	SAG
ML	34	B	59.207	400	312210	0.899	444.939	59.1691	59.2449	SAG
ML	34	B	59.472	400	313609	-1.185	-337.55	59.4341	59.5099	CREST
ML	34	B	59.662	400	314612	-0.434	-921.66	59.6241	59.6999	CREST
ML	34	B	60.003	400	316413	-0.186	-2150.5	59.9651	60.0409	CREST
ML	34	B	60.542	600	319259	3.27	183.486	60.4852	60.5988	SAG
ML	34	B	60.845	2000	320858	-1.692	-1182	60.6556	61.0344	CREST
ML	34	B	61.082	200	322110	-0.559	-357.78	61.0631	61.1009	CREST
ML	34	B	61.442	200	324011	-1.137	-175.9	61.4231	61.4609	CREST
ML	34	B	62.275	900	328409	5.41	166.359	62.1898	62.3602	SAG
ML	34	B	62.408	300	329111	-4.274	-70.192	62.3796	62.4364	CREST
ML	34	B	62.503	200	329613	2.02	99.01	62.4841	62.5219	SAG
ML	34	B	62.578	400	330009	-6.509	-61.453	62.5401	62.6159	CREST
ML	34	B	62.654	300	330410	4.157	72.167	62.6256	62.6824	SAG
ML	34	B	62.768	200	331012	-1.281	-156.13	62.7491	62.7869	CREST
ML	34	B	62.862	300	331508	-1.13	-265.49	62.8336	62.8904	CREST
ML	34	B	62.938	200	331909	1.251	159.872	62.9191	62.9569	SAG
ML	34	B	63.014	200	332311	0.962	207.9	62.9951	63.0329	SAG
ML	34	B	64.548	200	340410	0.976	204.918	64.5291	64.5669	SAG
ML	34	B	64.719	200	341308	-2.939	-68.05	64.7001	64.7379	CREST
ML	34	B	64.87	200	342110	1.383	144.613	64.8511	64.8889	SAG
ML	34	B	65.297	2000	344360	0.638	3134.8	65.1076	65.4864	SAG
ML	34	B	66.859	400	352607	6.456	61.958	66.8211	66.8969	SAG
ML	34	B	66.992	600	353309	-9.594	-62.539	66.9352	67.0488	CREST
ML	34	B	67.144	300	354112	5.009	59.892	67.1156	67.1724	SAG
ML	34	B	67.239	400	354613	-4.933	-81.087	67.2011	67.2769	CREST
ML	34	B	67.314	200	355009	3.678	54.377	67.2951	67.3329	SAG
ML	34	B	67.447	200	355712	-2.162	-92.507	67.4281	67.4659	CREST
ML	34	B	67.522	400	356108	5.511	72.582	67.4841	67.5599	SAG
ML	34	B	67.674	400	356910	-4.686	-85.361	67.6361	67.7119	CREST
ML	34	B	67.769	200	357412	2.193	91.199	67.7501	67.7879	SAG
ML	34	B	67.864	200	357913	-2.001	-99.95	67.8451	67.8829	CREST
ML	34	B	68.015	200	358711	-2.986	-66.979	67.9961	68.0339	CREST
ML	34	B	68.148	400	359413	6.284	63.654	68.1101	68.1859	SAG
ML	34	B	68.28	200	360110	-1.962	-101.94	68.2611	68.2989	CREST
ML	34	B	68.298	295	360205	24.026	12.278	68.2701	68.3259	SAG
ML	34	B	68.393	200	360709	-18.661	-10.718	68.3741	68.4119	CREST
ML	34	B	68.488	200	361211	-1.598	-125.16	68.4691	68.5069	CREST
ML	34	B	68.601	400	361808	5.004	79.936	68.5631	68.6389	SAG
ML	34	B	68.81	200	362911	-1.772	-112.87	68.7911	68.8289	CREST
ML	34	B	69.226	200	365108	1.355	147.601	69.2071	69.2449	SAG
ML	34	B	69.321	200	365609	-3.158	-63.331	69.3021	69.3399	CREST
ML	34	B	69.774	127	368001	15.9	7.987	69.762	69.786	SAG
ML	34	B	69.833	200	368313	-16.154	-12.381	69.8141	69.8519	CREST
ML	34	B	69.965	200	369010	4.28	46.729	69.9461	69.9839	SAG
ML	34	B	70.249	200	370509	-1.821	-109.83	70.2301	70.2679	CREST
ML	34	B	70.42	200	371412	0.463	431.965	70.4011	70.4389	SAG
ML	34	B	70.628	300	372510	-4.56	-65.789	70.5996	70.6564	CREST
ML	34	B	70.685	200	372811	3.289	60.809	70.6661	70.7039	SAG
ML	34	B	71.102	200	375013	-2.424	-82.508	71.0831	71.1209	CREST
ML	34	B	71.272	400	375911	2.786	143.575	71.2341	71.3099	SAG
ML	34	B	71.632	300	377811	0.336	892.857	71.6036	71.6604	SAG
ML	34	B	71.689	300	378112	-0.331	-906.34	71.6606	71.7174	CREST
ML	34	B	71.765	500	378514	0.918	544.662	71.7177	71.8123	SAG
ML	34	B	72.503	400	382410	0.276	1449.28	72.4651	72.5409	SAG
ML	34	B	72.598	200	382912	-0.449	-445.43	72.5791	72.6169	CREST
ML	34	B	72.674	200	383313	-0.759	-263.51	72.6551	72.6929	CREST
ML	34	B	72.768	200	383809	-0.653	-306.28	72.7491	72.7869	CREST
ML	34	B	72.882	400	384411	1.57	254.777	72.8441	72.9199	SAG
ML	34	B	73.09	400	385510	-1.476	-271	73.0521	73.1279	CREST
ML	34	B	73.223	200	386212	1.294	154.56	73.2041	73.2419	SAG
ML	34	B	73.639	400	388408	-0.952	-420.17	73.6011	73.6769	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	34	B	73.809	400	389306	0.976	409.836	73.7711	73.8469	SAG
ML	34	B	73.885	400	389707	-2.115	-189.13	73.8471	73.9229	CREST
ML	34	B	73.941	1066	390003	1.924	554.054	73.8401	74.0419	SAG
ML	34	B	74.113	200	390911	-0.335	-597.02	74.0941	74.1319	CREST
ML	34	B	74.577	300	393361	-0.558	-537.63	74.5486	74.6054	CREST
ML	34	B	74.719	500	394111	0.735	680.272	74.6717	74.7663	SAG
ML	34	B	74.814	500	394612	-0.206	-2427.2	74.7667	74.8613	CREST
ML	34	B	74.908	200	395109	0.805	248.447	74.8891	74.9269	SAG
ML	34	B	75.306	200	397210	-0.214	-934.58	75.2871	75.3249	CREST
ML	34	B	75.571	200	398609	-0.646	-309.6	75.5521	75.5899	CREST
ML	34	B	76.253	400	402210	0.861	464.576	76.2151	76.2909	SAG
ML	34	B	76.329	400	402612	1.004	398.406	76.2911	76.3669	SAG
ML	34	B	76.461	400	403309	-1.188	-336.7	76.4231	76.4989	CREST
ML	34	B	76.564	764	403852	-0.433	-1764.4	76.4917	76.6363	CREST
ML	34	B	77.484	200	408710	0.475	421.053	77.4651	77.5029	SAG
ML	34	B	77.617	200	409412	-0.584	-342.47	77.5981	77.6359	CREST
ML	34	B	78.034	300	411614	-0.068	-4411.8	78.0056	78.0624	CREST
ML	34	B	78.582	200	414509	1.105	180.995	78.5631	78.6009	SAG
ML	34	B	78.704	2148	415153	-1.227	-1750.6	78.5006	78.9074	CREST
ML	34	B	78.828	200	415808	0.564	354.61	78.8091	78.8469	SAG
ML	34	B	79.474	200	419213	-0.363	-550.96	79.4551	79.4929	CREST
ML	34	B	79.874	200	421309	-0.078	-2564.1	79.8551	79.8929	CREST
ML	34	B	80.426	1000	424208	1.269	788.022	80.3313	80.5207	SAG
ML	34	B	80.827	800	426310	-0.995	-804.02	80.7512	80.9028	CREST
ML	34	B	81.304	1000	428812	-0.567	-1763.7	81.2093	81.3987	CREST
ML	34	B	81.637	800	430560	-1.012	-790.51	81.5612	81.7128	CREST
ML	34	B	82.028	1000	432609	3.177	314.762	81.9333	82.1227	SAG
ML	34	B	82.399	600	434557	-1.622	-369.91	82.3422	82.4558	CREST
ML	34	B	82.924	200	437313	0.244	819.672	82.9051	82.9429	SAG
ML	34	B	83.305	600	439309	-0.544	-1102.9	83.2482	83.3618	CREST
ML	34	B	83.733	600	441558	0.616	974.026	83.6762	83.7898	SAG
ML	34	B	84.067	800	443306	-0.562	-1423.5	83.9912	84.1428	CREST
ML	34	B	84.524	600	445708	0.994	603.622	84.4672	84.5808	SAG
ML	34	B	85.087	2000	448660	-1.599	-1250.8	84.8976	85.2764	CREST
ML	34	B	85.497	600	450809	0.682	879.765	85.4402	85.5538	SAG
ML	34	B	85.897	600	452910	-0.583	-1029.2	85.8402	85.9538	CREST
ML	34	B	86.412	800	455609	0.812	985.222	86.3362	86.4878	SAG
ML	34	B	87.04	600	458909	-0.609	-985.22	86.9832	87.0968	CREST
ML	34	B	87.424	600	460921	0.291	2061.86	87.3672	87.4808	SAG
ML	34	B	87.661	1000	462167	1.173	852.515	87.5663	87.7557	SAG
ML	34	B	88.177	800	464870	-0.946	-845.67	88.1012	88.2528	CREST
ML	34	B	88.806	400	468170	0.337	1186.94	88.7681	88.8439	SAG
ML	34	B	89.444	1000	471518	-1.446	-691.56	89.3493	89.5387	CREST
ML	34	B	89.738	800	473061	1.203	665.004	89.6622	89.8138	SAG
ML	34	B	90.806	600	478663	-0.358	-1676	90.7492	90.8628	CREST
ML	34	B	92.054	800	485211	1.09	733.945	91.9782	92.1298	SAG
ML	34	B	92.817	600	489215	-1.273	-471.33	92.7602	92.8738	CREST
ML	34	B	93.487	600	492733	-0.976	-614.75	93.4302	93.5438	CREST
ML	34	B	93.812	1000	494434	2.648	377.644	93.7173	93.9067	SAG
ML	34	B	94.164	1000	496282	-1.947	-513.61	94.0693	94.2587	CREST
ML	34	B	94.678	800	498980	0.995	804.02	94.6022	94.7538	SAG
ML	34	B	95.308	600	502285	-0.44	-1363.6	95.2512	95.3648	CREST
ML	34	B	95.975	600	505786	0.631	950.872	95.9182	96.0318	SAG
ML	34	B	96.832	400	510279	-0.944	-423.73	96.7941	96.8699	CREST
ML	34	B	97.157	600	511984	-0.045	-13333	97.1002	97.2138	CREST
ML	34	B	97.728	600	514983	0.822	729.927	97.6712	97.7848	SAG
ML	34	B	98.549	600	519287	0.731	820.793	98.4922	98.6058	SAG
ML	34	B	98.844	800	520834	-1.424	-561.8	98.7682	98.9198	CREST
ML	34	B	99.157	200	522481	4.641	43.094	99.1381	99.1759	SAG
ML	34	B	99.219	400	522808	-7.086	-56.449	99.1811	99.2569	CREST
ML	34	B	99.28	200	523130	2.75	72.727	99.2611	99.2989	SAG
ML	34	B	99.682	300	525232	1.264	237.342	99.6536	99.7104	SAG
ML	34	B	99.776	300	525734	-0.906	-331.13	99.7476	99.8044	CREST
ML	34	B	99.897	100	526383	1.118	89.445	99.8875	99.9065	SAG
ML	34	B	100.107	200	527495	-2.246	-89.047	100.088	100.126	CREST
ML	34	B	100.414	600	529096	0.826	726.392	100.357	100.471	SAG
ML	34	B	100.632	400	530242	-0.428	-934.58	100.594	100.67	CREST
ML	34	B	101.106	600	532744	1.014	591.716	101.049	101.163	SAG
ML	34	B	102.631	1000	540796	0.164	6097.56	102.536	102.726	SAG
ML	34	B	103.588	1400	545844	1.264	1107.6	103.455	103.721	SAG
ML	34	B	103.939	1600	547697	-2.117	-755.79	103.787	104.091	CREST
ML	34	B	104.204	400	549097	1.03	388.35	104.166	104.242	SAG
ML	34	B	104.564	600	550997	2.186	274.474	104.507	104.621	SAG
ML	34	B	105.056	1800	553595	-3.744	-480.77	104.886	105.226	CREST
ML	34	B	105.681	1400	556895	-2.475	-565.66	105.548	105.814	CREST
ML	34	B	105.946	1000	558294	3.383	295.596	105.851	106.041	SAG
ML	34	B	106.4	1200	560692	-1.412	-849.86	106.286	106.514	CREST
ML	34	B	106.628	600	561895	2.294	261.552	106.571	106.685	SAG
ML	34	B	107.215	600	564995	0.71	845.07	107.158	107.272	SAG
ML	34	B	107.802	400	568094	0.242	1652.89	107.764	107.84	SAG
ML	34	B	108.105	400	569694	-0.527	-759.01	108.067	108.143	CREST
ML	34	B	109.195	600	575040	-1.639	-366.08	109.138	109.252	CREST
ML	34	B	109.934	1000	578942	-3.25	-307.69	109.839	110.029	CREST
ML	34	B	110.142	1000	580040	5.91	169.205	110.047	110.237	SAG
ML	34	B	110.37	1200	581244	-4.525	-265.19	110.256	110.484	CREST
ML	34	B	110.729	1000	583140	6.002	166.611	110.634	110.824	SAG
ML	34	B	111.051	1000	584840	-6.555	-152.56	110.956	111.146	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	34	B	111.487	400	587142	1.164	343.643	111.449	111.525	SAG
ML	34	B	111.714	400	588340	2.616	152.905	111.676	111.752	SAG
ML	34	B	113.101	160	595664	-1.118	-143.11	113.086	113.116	CREST
ML	34	B	113.237	1050	596376	-2.065	-508.48	113.138	113.336	CREST
ML	34	B	113.374	300	597100	1.429	209.937	113.346	113.402	SAG
ML	34	B	115.874	400	610253	1.601	249.844	115.836	115.912	SAG
ML	34	B	116.047	400	611172	-2.364	-169.21	116.009	116.085	CREST
ML	34	B	116.203	400	611996	-0.25	-1600	116.165	116.241	CREST
ML	34	B	116.449	200	613300	0.507	394.477	116.43	116.468	SAG
ML	34	B	116.68	400	614515	1.363	293.47	116.642	116.718	SAG
ML	34	B	116.963	400	616011	0.585	683.761	116.925	117.001	SAG
ML	34	B	117.21	400	617312	2.298	174.064	117.172	117.248	SAG
ML	34	B	117.358	400	618095	1.217	328.677	117.32	117.396	SAG
ML	34	B	117.576	800	619249	-7.914	-101.09	117.5	117.652	CREST
ML	34	B	117.944	600	621192	3.422	175.336	117.887	118.001	SAG
ML	34	B	118.36	400	623388	0.823	486.027	118.322	118.398	SAG
ML	34	B	118.606	600	624687	-1.266	-473.93	118.549	118.663	CREST
ML	34	B	118.862	400	626039	1.192	335.57	118.824	118.9	SAG
ML	34	B	119.468	600	629238	-4.002	-149.93	119.411	119.525	CREST
ML	34	B	119.591	600	629888	5.064	118.483	119.534	119.648	SAG
ML	34	B	119.762	800	630791	-1.445	-553.63	119.686	119.838	CREST
ML	34	B	120.179	600	632993	-0.562	-1067.6	120.122	120.236	CREST
ML	34	B	120.419	600	634261	1.444	415.512	120.362	120.476	SAG
ML	34	B	120.968	1400	637159	-2.432	-575.66	120.835	121.101	CREST
ML	34	B	121.309	800	638960	2.465	324.544	121.233	121.385	SAG
ML	34	B	121.915	400	642159	-4.949	-80.824	121.877	121.953	CREST
ML	34	B	122.275	400	644060	6.94	57.637	122.237	122.313	SAG
ML	34	B	122.692	1000	646262	-2.013	-496.77	122.597	122.787	CREST
ML	34	B	123.374	1000	649863	-2.474	-404.2	123.279	123.469	CREST
ML	34	B	124.055	600	653459	-1.611	-372.44	123.998	124.112	CREST
ML	34	B	124.188	400	654161	1.709	234.055	124.15	124.226	SAG
ML	34	B	124.321	800	654863	2.6	307.692	124.245	124.397	SAG
ML	34	B	124.491	600	655761	0.458	1310.04	124.434	124.548	SAG
ML	34	B	124.87	1000	657762	-2.822	-354.36	124.775	124.965	CREST
ML	34	B	125.23	400	659663	1.117	358.102	125.192	125.268	SAG
ML	34	B	126.082	800	664161	-1.009	-792.86	126.006	126.158	CREST
ML	34	B	126.914	1000	668557	1.74	574.713	126.819	127.009	SAG
ML	34	B	127.217	800	670157	-1.042	-767.75	127.141	127.293	CREST
ML	34	B	127.501	1000	671657	0.833	1200.48	127.406	127.596	SAG
ML	34	B	127.842	600	673457	-0.516	-1162.8	127.785	127.899	CREST
ML	34	B	128.221	600	675458	3.274	183.262	128.164	128.278	SAG
ML	34	B	128.94	1600	679254	-4.439	-360.44	128.788	129.092	CREST
ML	34	B	129.678	600	683148	-0.508	-1181.1	129.621	129.735	CREST
ML	34	B	130.473	1000	687349	2.261	442.282	130.378	130.568	SAG
ML	34	B	130.871	800	689450	-0.639	-1252	130.795	130.947	CREST
ML	34	B	131.06	600	690448	2.134	281.162	131.003	131.117	SAG
ML	34	B	131.421	1000	692352	-2.765	-361.66	131.326	131.516	CREST
ML	34	B	132.119	100	696035	0.567	176.367	132.11	132.128	SAG
ML	34	B	132.445	100	697756	0.254	393.701	132.436	132.454	SAG
ML	34	B	132.535	100	698231	0.459	217.865	132.526	132.544	SAG
ML	34	B	132.611	100	698633	0.499	200.401	132.602	132.62	SAG
ML	34	B	132.687	200	699034	1.073	186.393	132.668	132.706	SAG
ML	34	B	132.791	100	699583	-1.324	-75.529	132.782	132.8	CREST
ML	34	B	132.829	200	699784	-3.129	-63.918	132.81	132.848	CREST
ML	34	B	132.901	100	700164	0.97	103.093	132.892	132.91	SAG
ML	34	B	132.958	200	700465	4.336	46.125	132.939	132.977	SAG
ML	34	B	133.496	950	703306	0.723	1313.97	133.406	133.586	SAG
ML	34	B	133.875	1950	705307	-5.87	-332.2	133.69	134.06	CREST
ML	34	B	134.281	500	707451	1.04	480.769	134.234	134.328	SAG
ML	34	B	134.572	1150	708987	-1.45	-793.1	134.463	134.681	CREST
ML	34	B	134.986	350	711173	1.375	254.545	134.953	135.019	SAG
ML	34	B	135.263	400	712633	1.679	238.237	135.225	135.301	SAG
ML	34	B	136.035	1100	716709	-0.718	-1532	135.931	136.139	CREST
ML	34	B	136.243	200	717808	1.986	100.705	136.224	136.262	SAG
ML	34	B	136.376	800	718572	-2.228	-359.07	136.3	136.452	CREST
ML	34	B	137.073	800	722253	3.752	213.22	136.997	137.149	SAG
ML	34	B	137.367	1000	723805	-3.148	-317.66	137.272	137.462	CREST
ML	34	B	138.087	400	727607	-0.459	-871.46	138.049	138.125	CREST
ML	34	B	138.352	400	729007	0.393	1017.81	138.314	138.39	SAG
ML	34	B	138.731	800	731008	2.015	397.022	138.655	138.807	SAG
ML	34	B	139.053	800	732708	-2.604	-307.22	138.977	139.129	CREST
ML	34	B	139.798	400	736640	1.585	252.366	139.76	139.836	SAG
ML	34	B	139.976	400	737579	-0.603	-663.35	139.938	140.014	CREST
ML	34	B	140.242	600	738984	-1.351	-444.12	140.185	140.299	CREST
ML	34	B	140.43	400	739977	1.408	284.091	140.392	140.468	SAG
ML	34	B	141.377	500	744977	0.116	4310.35	141.33	141.424	SAG
ML	34	B	141.917	400	747828	3.684	108.578	141.879	141.955	SAG
ML	34	B	142.4	2000	750378	-7.33	-272.85	142.211	142.589	CREST
ML	34	B	142.798	600	752480	1.796	334.076	142.741	142.855	SAG
ML	34	B	143.045	600	753784	-2.416	-248.34	142.988	143.102	CREST
ML	34	B	143.375	600	755531	9.004	66.637	143.318	143.432	SAG
ML	34	B	143.772	1500	757628	-6.207	-241.66	143.63	143.914	CREST
ML	34	B	143.953	400	758583	2.757	145.085	143.915	143.991	SAG
ML	34	B	144.189	2100	759829	-5.07	-414.2	143.99	144.388	CREST
ML	34	B	144.577	800	761878	4.909	162.966	144.501	144.653	SAG
ML	34	B	144.918	1800	763679	-6.431	-279.89	144.748	145.088	CREST
ML	34	B	145.146	600	764882	4.103	146.234	145.089	145.203	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	34	B	145.466	800	766577	-1.722	-464.58	145.39	145.542	CREST
ML	34	B	145.713	300	767881	1.972	152.13	145.685	145.741	SAG
ML	34	B	145.922	400	768983	0.635	629.921	145.884	145.96	SAG
ML	34	B	146.328	400	771132	-0.175	-2285.7	146.29	146.366	CREST
ML	34	B	146.545	400	772277	0.964	414.938	146.507	146.583	SAG
ML	34	B	146.905	1400	774178	-1.745	-802.29	146.772	147.038	CREST
ML	34	B	147.341	800	776480	0.992	806.452	147.265	147.417	SAG
ML	34	B	148.383	1400	781983	2.63	532.319	148.25	148.516	SAG
ML	34	B	148.667	800	783483	-0.914	-875.27	148.591	148.743	CREST
ML	34	B	148.894	1300	784681	-2.932	-443.38	148.771	149.017	CREST
ML	34	B	149.424	600	787479	1.66	361.446	149.367	149.481	SAG
ML	34	B	149.936	1000	790183	-2.703	-369.96	149.841	150.031	CREST
ML	34	B	150.277	400	791983	2.222	180.018	150.239	150.315	SAG
ML	34	B	150.504	900	793182	1.065	845.07	150.419	150.589	SAG
ML	34	B	151.091	400	796281	-1.208	-331.13	151.053	151.129	CREST
ML	34	B	151.621	1600	799080	-1.059	-1510.9	151.469	151.773	CREST
ML	34	B	151.952	400	800827	1.075	372.093	151.914	151.99	SAG
ML	34	B	152.55	700	803985	0.327	2140.67	152.484	152.616	SAG
ML	34	B	152.739	600	804983	0.954	628.931	152.682	152.796	SAG
ML	34	B	152.985	400	806282	-0.764	-523.56	152.947	153.023	CREST
ML	34	B	153.373	500	808330	-0.391	-1278.8	153.326	153.42	CREST
ML	34	B	153.591	400	809481	-0.997	-401.2	153.553	153.629	CREST
ML	34	B	153.781	400	810484	0.266	1503.76	153.743	153.819	SAG
ML	34	B	154.377	800	813631	-1.608	-497.51	154.301	154.453	CREST
ML	34	B	154.548	600	814529	4.76	126.05	154.491	154.605	SAG
ML	34	B	154.681	800	815231	-1.47	-544.22	154.605	154.757	CREST
ML	34	B	154.88	1100	816282	-2.537	-433.58	154.776	154.984	CREST
ML	34	B	155.107	400	817480	1.386	288.6	155.069	155.145	SAG
ML	34	B	155.296	400	818478	-1.08	-370.37	155.258	155.334	CREST
ML	34	B	155.429	400	819181	1.137	351.803	155.391	155.467	SAG
ML	34	B	155.827	400	821282	1.682	237.812	155.789	155.865	SAG
ML	34	B	156.073	1200	822581	-4.033	-297.55	155.959	156.187	CREST
ML	34	B	156.339	600	823985	-0.584	-1027.4	156.282	156.396	CREST
ML	34	B	156.462	700	824635	4.321	162	156.396	156.528	SAG
ML	34	B	156.736	600	826082	-1.566	-383.14	156.679	156.793	CREST
ML	34	B	160.789	400	847481	1.085	368.664	160.751	160.827	SAG
ML	34	B	161.509	400	851283	-0.963	-415.37	161.471	161.547	CREST
ML	34	B	161.793	400	852783	-1.131	-353.67	161.755	161.831	CREST
ML	34	B	162.465	400	856238	1.198	333.89	162.427	162.503	SAG
ML	34	B	163.317	400	860737	0.589	679.117	163.279	163.355	SAG
ML	34	B	163.525	400	861835	-0.655	-610.69	163.487	163.563	CREST
ML	34	B	163.715	450	862838	1.5	300	163.672	163.758	SAG
ML	34	B	164.038	275	864530	-2.353	-116.87	164.012	164.064	CREST
ML	34	B	164.144	800	865100	-2.675	-299.07	164.068	164.22	CREST
ML	34	B	164.35	600	866200	4.246	141.309	164.293	164.407	SAG
ML	34	B	164.569	800	867356	-1.026	-779.73	164.493	164.645	CREST
ML	34	B	164.923	200	868736	1.111	180.018	164.904	164.942	SAG
ML	34	B	165.112	100	869730	-1.15	-86.957	165.103	165.121	CREST
ML	34	B	165.318	98	870829	2.222	44.104	165.309	165.327	SAG
ML	34	B	165.352	33	871008	-2.757	-11.97	165.349	165.355	CREST
ML	34	B	165.366	33	871082	-1.186	-27.825	165.363	165.369	CREST
ML	34	B	165.387	148	871193	1.411	104.89	165.373	165.401	SAG
ML	34	B	165.502	66	871800	0.22	300	165.496	165.508	SAG
ML	34	B	165.514	49	871863	-0.116	-422.41	165.509	165.519	CREST
ML	34	B	165.571	66	872164	0.526	125.475	165.565	165.577	SAG
ML	34	B	165.615	66	872397	-1.248	-52.885	165.609	165.621	CREST
ML	34	B	166.101	400	874962	-0.613	-652.53	166.063	166.139	CREST
ML	34	B	166.252	400	875760	1.127	354.925	166.214	166.29	SAG
ML	34	B	166.557	400	877365	-0.375	-1066.7	166.519	166.595	CREST
ML	34	B	167.466	400	882164	0.45	888.889	167.428	167.504	SAG
ML	34	B	168.223	400	886161	-0.443	-902.94	168.185	168.261	CREST
ML	34	B	168.925	300	889863	0.083	3614.46	168.897	168.953	SAG
ML	34	B	169.397	300	892360	0.027	11111.1	169.369	169.425	SAG
ML	34	B	169.966	300	895364	0.31	967.742	169.938	169.994	SAG
ML	34	B	170.288	400	897065	-0.561	-713.01	170.25	170.326	CREST
ML	34	B	170.78	300	899662	-0.175	-1714.3	170.752	170.808	CREST
ML	34	B	171.253	300	902160	0.479	626.305	171.225	171.281	SAG
ML	34	B	171.954	300	905861	0.161	1863.35	171.926	171.982	SAG
ML	34	B	172.665	300	909615	-0.561	-534.76	172.637	172.693	CREST
ML	34	B	172.901	300	910861	0.181	1657.46	172.873	172.929	SAG
ML	34	B	173.469	300	913860	0.3	1000	173.441	173.497	SAG
ML	34	B	173.564	300	914362	-0.2	-1500	173.536	173.592	CREST
ML	34	B	174.132	300	917361	0.3	1000	174.104	174.16	SAG
ML	34	B	174.701	300	920365	-0.233	-1287.6	174.673	174.729	CREST
ML	34	B	174.985	300	921865	0.267	1123.6	174.957	175.013	SAG
ML	34	B	175.269	600	923364	-0.377	-1591.5	175.212	175.326	CREST
ML	34	B	175.657	300	925413	0.154	1948.05	175.629	175.685	SAG
ML	34	B	179.632	600	946411	1.44	416.667	179.575	179.689	SAG
ML	34	B	180.067	1600	948708	-1.649	-970.29	179.915	180.219	CREST
ML	34	B	180.446	400	950709	0.509	785.855	180.408	180.484	SAG
ML	34	B	181.261	1600	955007	-2.711	-590.19	181.109	181.413	CREST
ML	34	B	181.563	1000	956606	2.002	499.5	181.468	181.658	SAG
ML	34	B	181.829	400	958006	1.856	215.517	181.791	181.867	SAG
ML	34	B	182.36	1800	960809	-2.927	-614.96	182.19	182.53	CREST
ML	34	B	182.625	800	962209	1.405	569.395	182.549	182.701	SAG
ML	34	B	183.193	400	965208	-0.3	-1333.3	183.155	183.231	CREST
ML	34	B	183.761	1600	968207	-2.326	-687.88	183.609	183.913	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	34	B	184.046	800	969711	2.612	306.279	183.97	184.122	SAG
ML	34	B	184.36	400	971374	4.37	91.533	184.322	184.398	SAG
ML	34	B	184.568	1600	972472	-8.276	-193.33	184.416	184.72	CREST
ML	34	B	184.796	800	973671	4.599	173.951	184.72	184.872	SAG
ML	34	B	184.981	400	974648	1.018	392.927	184.943	185.019	SAG
ML	34	B	185.142	600	975498	2.391	250.941	185.085	185.199	SAG
ML	34	B	185.398	1400	976850	-4.47	-313.2	185.265	185.531	CREST
ML	34	B	185.639	300	978122	0.737	407.056	185.611	185.667	SAG
ML	34	B	187.808	400	987211	0.393	1017.81	187.77	187.846	SAG
ML	34	B	188.167	500	989106	0.797	627.353	188.12	188.214	SAG
ML	34	B	188.717	400	992010	-1.337	-299.18	188.679	188.755	CREST
ML	34	B	189.18	500	994455	-0.081	-6172.8	189.133	189.227	CREST
ML	34	B	190.124	400	999436	0.939	425.985	190.086	190.162	SAG
ML	34	B	190.503	1200	1001438	-4.538	-264.43	190.389	190.617	CREST
ML	34	B	191.185	1800	1005038	4.722	381.194	191.015	191.355	SAG
ML	34	B	193.703	1000	1018339	-5.013	-199.48	193.608	193.798	CREST
ML	34	B	193.997	800	1019891	3.219	248.524	193.921	194.073	SAG
ML	34	B	194.29	1000	1021438	-3.095	-323.1	194.195	194.385	CREST
ML	34	B	194.688	1400	1023540	5.424	258.112	194.555	194.821	SAG
ML	34	B	194.935	1200	1024838	-4.165	-288.12	194.821	195.049	CREST
ML	34	B	195.106	400	1025741	1.766	226.501	195.068	195.144	SAG
ML	34	B	195.276	600	1026637	-0.616	-974.03	195.219	195.333	CREST
ML	34	B	195.37	400	1027138	1.259	317.712	195.332	195.408	SAG
ML	34	B	195.644	500	1028585	-2.312	-216.26	195.597	195.691	CREST
ML	34	B	195.729	400	1029034	2.106	189.934	195.691	195.767	SAG
ML	34	B	196.335	400	1032229	1.055	379.147	196.297	196.373	SAG
ML	34	B	196.415	400	1032651	-1.506	-265.6	196.377	196.453	CREST
ML	34	B	196.557	200	1033406	1.378	145.138	196.538	196.576	SAG
ML	34	B	196.622	400	1033749	-1.581	-253	196.584	196.66	CREST
ML	34	B	196.698	200	1034150	0.58	344.828	196.679	196.717	SAG
ML	34	B	197.56	400	1038702	0.684	584.795	197.522	197.598	SAG
ML	34	B	197.844	400	1040201	-0.624	-641.03	197.806	197.882	CREST
ML	34	B	198.109	1400	1041601	1.834	763.359	197.976	198.242	SAG
ML	34	B	198.545	1700	1043903	-1.939	-876.74	198.384	198.706	CREST
ML	34	B	198.791	400	1045202	0.795	503.145	198.753	198.829	SAG
ML	34	B	199.36	400	1048206	-0.575	-695.65	199.322	199.398	CREST
ML	34	B	202.336	1400	1063914	-1.712	-817.76	202.203	202.469	CREST
ML	34	B	202.646	250	1065552	3.601	69.425	202.622	202.67	SAG
ML	34	B	202.807	400	1066402	1.817	220.143	202.769	202.845	SAG
ML	34	B	202.976	1300	1067297	-3.844	-338.19	202.853	203.099	CREST
ML	34	B	203.373	200	1069402	-0.154	-1298.7	203.354	203.392	CREST
ML	34	B	203.514	250	1070151	-5.306	-47.116	203.49	203.538	CREST
ML	34	B	203.679	212	1070990	5.572	38.047	203.659	203.699	SAG
ML	34	B	204.026	290	1072851	0.351	826.211	203.999	204.053	SAG
ML	34	B	204.257	300	1074071	-0.397	-755.67	204.229	204.285	CREST
ML	34	B	204.317	200	1074388	0.315	634.921	204.298	204.336	SAG
ML	34	B	204.365	300	1074641	-0.313	-958.47	204.337	204.393	CREST
ML	34	B	204.426	200	1074961	0.313	638.978	204.407	204.445	SAG
ML	34	B	204.515	200	1075431	-0.23	-869.57	204.496	204.534	CREST
ML	34	B	204.598	200	1075866	0.039	5128.21	204.579	204.617	SAG
ML	34	B	204.697	200	1076391	0.635	314.961	204.678	204.716	SAG
ML	34	B	204.74	200	1076616	-0.667	-299.85	204.721	204.759	CREST
ML	34	B	204.826	200	1077066	0	0	204.807	204.845	GRADE
ML	34	B	204.911	400	1077516	0.222	1801.8	204.873	204.949	SAG
ML	34	B	205.034	140	1078164	2.122	65.975	205.021	205.047	SAG
ML	34	B	205.105	100	1078541	-1.832	-54.585	205.096	205.114	CREST
ML	34	B	205.235	200	1079230	0.682	293.255	205.216	205.254	SAG
ML	34	B	209.088	400	1099482	0.423	945.626	209.05	209.126	SAG
ML	34	B	209.276	600	1100485	1.215	493.827	209.219	209.333	SAG
ML	34	B	210.047	400	1104583	1.069	374.181	210.009	210.085	SAG
ML	34	B	210.461	2000	1106784	-7.65	-261.44	210.272	210.65	CREST
ML	34	B	211.616	400	1112930	5.555	72.007	211.578	211.654	SAG
ML	34	B	211.843	900	1114129	-1.302	-691.24	211.758	211.928	CREST
ML	34	B	214.055	400	1125808	0.833	480.192	214.017	214.093	SAG
ML	34	B	214.751	400	1129483	-0.39	-1025.6	214.713	214.789	CREST
ML	34	B	215.508	400	1133480	1.071	373.483	215.47	215.546	SAG
ML	34	B	216.773	400	1140160	1.026	389.864	216.735	216.811	SAG
ML	34	B	216.867	600	1140656	-0.956	-627.62	216.81	216.924	CREST
ML	34	B	217.151	200	1142156	0.031	6451.61	217.132	217.17	SAG
ML	34	B	217.72	200	1145160	-2.168	-92.251	217.701	217.739	CREST
ML	34	B	218.07	400	1147008	0.87	459.77	218.032	218.108	SAG
ML	34	B	218.449	400	1149009	2.267	176.445	218.411	218.487	SAG
ML	34	B	218.667	600	1150160	-0.867	-692.04	218.61	218.724	CREST
ML	34	B	218.932	1200	1151560	-1.72	-697.67	218.818	219.046	CREST
ML	34	B	219.406	800	1154062	0.018	44444.4	219.33	219.482	SAG
ML	34	B	220.106	400	1157758	1.364	293.255	220.068	220.144	SAG
ML	34	B	220.22	800	1158360	-1.388	-576.37	220.144	220.296	CREST
ML	34	B	220.845	400	1161660	1.661	240.819	220.807	220.883	SAG
ML	34	B	221.129	1400	1163160	-4.074	-343.64	220.996	221.262	CREST
ML	34	B	221.536	400	1165309	2.141	186.829	221.498	221.574	SAG
ML	34	B	221.811	1000	1166761	-1.894	-527.98	221.716	221.906	CREST
ML	34	B	222.172	1200	1168662	2.578	465.477	222.058	222.286	SAG
ML	34	B	222.532	2000	1170563	-3.878	-515.73	222.343	222.721	CREST
ML	34	B	223.119	1000	1173662	4.624	216.263	223.024	223.214	SAG
ML	34	B	223.383	200	1175061	0.569	351.494	223.364	223.402	SAG
ML	34	B	223.762	200	1177062	0.389	514.139	223.743	223.781	SAG
ML	34	B	224.104	800	1178863	1.501	532.978	224.028	224.18	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	34	B	224.444	200	1180663	-0.004	-50000	224.425	224.463	CREST
ML	34	B	224.596	200	1181461	0.113	1769.91	224.577	224.615	SAG
ML	34	B	225.012	1600	1183662	-3.456	-462.96	224.86	225.164	CREST
ML	34	B	225.501	2000	1186242	-3.93	-508.91	225.312	225.69	CREST
ML	34	B	226.116	800	1189489	1.889	423.504	226.04	226.192	SAG
ML	34	B	226.457	1200	1191290	-2.543	-471.88	226.343	226.571	CREST
ML	34	B	226.874	400	1193492	1.042	383.877	226.836	226.912	SAG
ML	34	B	227.234	400	1195392	1.161	344.531	227.196	227.272	SAG
ML	34	B	227.821	600	1198492	-1.268	-473.19	227.764	227.878	CREST
ML	34	B	228.01	400	1199490	1.138	351.494	227.972	228.048	SAG
ML	34	B	228.597	200	1202589	0.474	421.941	228.578	228.616	SAG
ML	34	B	228.863	400	1203994	0.391	1023.02	228.825	228.901	SAG
ML	34	B	229.052	400	1204991	0.466	858.369	229.014	229.09	SAG
ML	34	B	229.468	200	1207188	-0.259	-772.2	229.449	229.487	CREST
ML	34	B	230.567	1200	1212991	-0.783	-1532.6	230.453	230.681	CREST
ML	34	B	230.804	400	1214242	1.34	298.507	230.766	230.842	SAG
ML	34	B	231.419	600	1217489	3.214	186.683	231.362	231.476	SAG
ML	34	B	231.656	1200	1218741	-2.565	-467.84	231.542	231.77	CREST
ML	34	B	232.205	2000	1221639	-4.303	-464.79	232.016	232.394	CREST
ML	34	B	232.499	800	1223192	3.459	231.281	232.423	232.575	SAG
ML	34	B	232.783	1600	1224691	-3.462	-462.16	232.631	232.935	CREST
ML	34	B	233.333	2000	1227594	5.649	354.045	233.144	233.522	SAG
ML	34	B	233.711	800	1229590	-1.285	-622.57	233.635	233.787	CREST
ML	34	B	234.071	600	1231491	-0.726	-826.45	234.014	234.128	CREST
ML	34	B	234.336	800	1232890	0.579	1381.69	234.26	234.412	SAG
ML	34	B	234.507	800	1233793	-1.853	-431.73	234.431	234.583	CREST
ML	34	B	234.658	400	1234590	-0.562	-711.74	234.62	234.696	CREST
ML	34	B	234.943	200	1236095	2.851	70.151	234.924	234.962	SAG
ML	34	B	235.605	800	1239590	-4.234	-188.95	235.529	235.681	CREST
ML	34	B	235.929	800	1241296	3.976	201.207	235.853	236.005	SAG
ML	34	B	236.118	200	1242294	-0.148	-1351.4	236.099	236.137	CREST
ML	34	B	236.193	200	1242690	-0.253	-790.51	236.174	236.212	CREST
ML	34	B	236.231	200	1242890	0.799	250.313	236.212	236.25	SAG
ML	34	B	236.469	100	1244142	-1.747	-57.241	236.46	236.478	CREST
ML	34	B	236.509	200	1244353	0.948	210.97	236.49	236.528	SAG
ML	34	B	236.554	100	1244591	0.267	374.532	236.545	236.563	SAG
ML	34	B	236.572	100	1244686	-0.148	-675.68	236.563	236.581	CREST
ML	34	B	236.696	200	1245341	0.476	420.168	236.677	236.715	SAG
ML	34	B	236.877	200	1246296	-0.248	-806.45	236.858	236.896	CREST
ML	34	B	237.226	200	1248139	0.42	476.19	237.207	237.245	SAG
ML	34	B	237.368	200	1248889	0.498	401.606	237.349	237.387	SAG
ML	34	B	237.908	400	1251740	-5.856	-68.306	237.87	237.946	CREST
ML	34	B	238.041	400	1252442	4.845	82.559	238.003	238.079	SAG
ML	34	B	238.305	400	1253836	-0.575	-695.65	238.267	238.343	CREST
ML	34	B	238.436	400	1254530	1.927	207.577	238.398	238.474	SAG
ML	34	B	239.119	1200	1258131	-1.905	-629.92	239.005	239.233	CREST
ML	34	B	239.403	200	1259631	-1.003	-199.4	239.384	239.422	CREST
ML	34	B	239.611	900	1260734	4.384	205.292	239.526	239.696	SAG
ML	34	B	239.849	1300	1261986	-2.758	-471.36	239.726	239.972	CREST
ML	34	B	242.027	200	1273486	0.911	219.539	242.008	242.046	SAG
ML	34	B	242.252	350	1274669	-0.86	-406.98	242.219	242.285	CREST
ML	34	B	242.344	150	1275159	1.066	140.713	242.33	242.358	SAG
ML	34	B	242.421	650	1275566	-2.229	-291.61	242.359	242.483	CREST
ML	34	B	242.647	300	1276759	-0.213	-1408.5	242.619	242.675	CREST
ML	34	B	242.706	200	1277069	0.968	206.612	242.687	242.725	SAG
ML	34	B	242.779	400	1277453	-0.15	-2666.7	242.741	242.817	CREST
ML	34	B	242.905	450	1278120	-0.329	-1367.8	242.862	242.948	CREST
ML	34	B	243.023	300	1278747	0.769	390.117	242.995	243.051	SAG
ML	34	B	243.414	800	1280812	-0.091	-8791.2	243.338	243.49	CREST
ML	34	B	243.699	1200	1282317	-0.122	-9836.1	243.585	243.813	CREST
ML	34	B	243.946	1200	1283616	0.273	4395.6	243.832	244.06	SAG
ML	34	B	244.324	200	1285617	0.107	1869.16	244.305	244.343	SAG
ML	34	B	244.987	500	1289117	-0.189	-2645.5	244.94	245.034	CREST
ML	34	B	245.763	1200	1293215	-0.135	-8888.9	245.649	245.877	CREST
ML	34	B	246.331	2000	1296214	0.152	13157.9	246.142	246.52	SAG
ML	34	B	246.729	800	1298315	-0.116	-6896.6	246.653	246.805	CREST
ML	34	B	247.065	600	1300089	2.467	243.21	247.008	247.122	SAG
ML	34	B	247.302	1800	1301341	-2.219	-811.18	247.132	247.472	CREST
ML	34	B	247.847	800	1304218	-0.116	-6896.6	247.771	247.923	CREST
ML	34	B	248.037	1000	1305216	-0.101	-9901	247.942	248.132	CREST
ML	34	B	248.321	1000	1306716	0.12	8333.33	248.226	248.416	SAG
ML	34	B	248.558	800	1307967	0.644	1242.24	248.482	248.634	SAG
ML	34	B	248.833	400	1309419	-0.677	-590.84	248.795	248.871	CREST
ML	34	B	248.965	400	1310116	0.571	700.525	248.927	249.003	SAG
ML	34	B	249.229	800	1311515	-2.477	-322.97	249.153	249.305	CREST
ML	34	B	249.416	788	1312503	2.129	370.127	249.341	249.491	SAG
ML	34	B	250.49	1000	1317801	-1.649	-606.43	250.395	250.585	CREST
ML	34	B	250.623	400	1318503	1.294	309.119	250.585	250.661	SAG
ML	34	B	250.869	400	1319802	0.639	625.978	250.831	250.907	SAG
ML	34	B	251.156	400	1321316	-1.003	-398.8	251.118	251.194	CREST
ML	34	B	251.516	400	1323217	2.21	180.995	251.478	251.554	SAG
ML	34	B	251.819	2000	1324817	-3.573	-559.75	251.63	252.008	CREST
ML	34	B	252.084	600	1326216	3.448	174.014	252.027	252.141	SAG
ML	34	B	252.387	1400	1327816	-1.721	-813.48	252.254	252.52	CREST
ML	34	B	252.879	400	1330413	-0.205	-1951.2	252.841	252.917	CREST
ML	34	B	253.618	400	1334314	1.545	258.9	253.58	253.656	SAG
ML	34	B	253.808	1200	1335318	-2.427	-494.44	253.694	253.922	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	34	B	254.072	400	1336712	1.459	274.16	254.034	254.11	SAG
ML	34	B	254.613	400	1339563	-0.887	-450.96	254.575	254.651	CREST
ML	34	B	254.717	400	1340117	1.786	223.964	254.679	254.755	SAG
ML	34	B	254.942	400	1341310	-1.168	-342.47	254.904	254.98	CREST
ML	34	B	255.606	400	1344811	-0.257	-1556.4	255.568	255.644	CREST
ML	43	B	0.127	400	671	5.628	71.073	0.08912	0.16488	SAG
ML	43	B	0.302	1200	1595	-11.613	-103.33	0.18836	0.41564	CREST
ML	43	B	0.722	1400	3817	10.122	138.313	0.58942	0.85458	SAG
ML	43	B	1.057	1500	5582	-3.635	-412.66	0.91495	1.19905	CREST
ML	43	B	1.246	400	6580	-0.308	-1298.7	1.20812	1.28388	CREST
ML	43	B	1.54	400	8132	2.539	157.542	1.50212	1.57788	SAG
ML	43	B	1.956	2200	10328	-5.613	-391.95	1.74767	2.16433	CREST
ML	43	B	2.113	400	18964	0.502	796.813	2.07512	2.15088	SAG
ML	43	B	2.151	500	19661	-1.475	-338.98	2.10365	2.19835	CREST
ML	43	B	2.182	600	20216	-2.523	-237.81	2.12518	2.23882	CREST
ML	43	B	2.278	600	12029	-0.083	-7228.9	2.22118	2.33482	CREST
ML	43	B	2.3	500	21066	-1.141	-438.21	2.25265	2.34735	CREST
ML	43	B	2.47	500	21963	-0.063	-7936.5	2.42265	2.51735	CREST
ML	43	B	2.506	1200	13232	-3.167	-378.91	2.39236	2.61964	CREST
ML	43	B	2.677	600	14130	0.302	1986.76	2.62018	2.73382	SAG
ML	43	B	2.707	400	23215	-0.591	-676.82	2.66912	2.74488	CREST
ML	43	B	3.016	1400	24862	-3.122	-448.43	2.88342	3.14858	CREST
ML	43	B	3.187	400	25765	0.997	401.204	3.14912	3.22488	SAG
ML	43	B	3.461	800	27212	-1.122	-713.01	3.38524	3.53676	CREST
ML	43	B	3.613	400	28014	1.824	219.298	3.57512	3.65088	SAG
ML	43	B	3.802	300	29012	1.299	230.947	3.77359	3.83041	SAG
ML	43	B	3.944	1200	29762	-2.886	-415.8	3.83036	4.05764	CREST
ML	43	B	4.115	400	30665	2.22	180.18	4.07712	4.15288	SAG
ML	43	B	4.399	1300	32164	-2.29	-567.69	4.27589	4.52211	CREST
ML	43	B	4.617	400	33315	2.481	161.225	4.57912	4.65488	SAG
ML	43	B	4.853	400	34561	-1.051	-380.59	4.81512	4.89088	CREST
ML	43	B	5.573	1000	38363	-1.415	-706.71	5.4783	5.6677	CREST
ML	43	B	5.734	600	39213	2.879	208.406	5.67718	5.79082	SAG
ML	43	B	6.037	1300	40813	-2.757	-471.53	5.91389	6.16011	CREST
ML	43	B	6.245	900	41911	4.808	187.188	6.15977	6.33023	SAG
ML	43	B	6.435	1100	42914	-2.735	-402.19	6.33083	6.53917	CREST
ML	43	B	6.586	400	43712	1.15	347.826	6.54812	6.62388	SAG
ML	43	B	6.728	1000	44461	-1.96	-510.2	6.6333	6.8227	CREST
ML	43	B	6.899	600	45364	3.07	195.44	6.84218	6.95582	SAG
ML	43	B	7.05	600	46161	-1.862	-322.23	6.99318	7.10682	CREST
ML	43	B	7.268	600	47312	3.483	172.265	7.21118	7.32482	SAG
ML	43	B	7.552	2000	48812	-5.056	-395.57	7.36261	7.74139	CREST
ML	43	B	7.798	400	50111	2.802	142.755	7.76012	7.83588	SAG
ML	43	B	7.969	1200	51014	-2.997	-400.4	7.85536	8.08264	CREST
ML	43	B	8.13	400	51864	2.395	167.015	8.09212	8.16788	SAG
ML	43	B	8.338	1600	52962	-2.875	-556.52	8.18648	8.48952	CREST
ML	43	B	8.528	400	53965	0.68	588.235	8.49012	8.56588	SAG
ML	43	B	8.989	600	56399	2.187	274.348	8.93218	9.04582	SAG
ML	43	B	9.206	1000	57545	-2.269	-440.72	9.1113	9.3007	CREST
ML	43	B	9.453	600	58849	2.762	217.234	9.39618	9.50982	SAG
ML	43	B	9.789	1000	60623	-3.938	-253.94	9.6943	9.8837	CREST
ML	43	B	10.788	400	65897	-1.587	-252.05	10.7501	10.8259	CREST
ML	43	B	11.261	800	68395	3.353	238.592	11.1852	11.3368	SAG
ML	43	B	11.678	1600	70597	-2.762	-579.29	11.5265	11.8295	CREST
ML	43	B	11.896	500	71748	1.856	269.397	11.8487	11.9433	SAG
ML	43	B	12.256	500	73649	2.004	249.501	12.2087	12.3033	SAG
ML	43	B	12.559	1200	75248	-4.315	-278.1	12.4454	12.6726	CREST
ML	43	B	12.833	1000	76695	5.648	177.054	12.7383	12.9277	SAG
ML	43	B	13.046	1200	77820	-5.993	-200.23	12.9324	13.1596	CREST
ML	43	B	13.25	800	78897	5.075	157.635	13.1742	13.3258	SAG
ML	43	B	13.439	1200	79895	-4.5	-266.67	13.3254	13.5526	CREST
ML	43	B	13.771	800	81648	2.994	267.201	13.6952	13.8468	SAG
ML	43	B	14.088	400	83321	0.736	543.478	14.0501	14.1259	SAG
ML	43	B	14.386	400	84895	1.201	333.056	14.3481	14.4239	SAG
ML	43	B	14.67	1200	86394	-5.252	-228.48	14.5564	14.7836	CREST
ML	43	B	15.144	600	88897	1.783	336.511	15.0872	15.2008	SAG
ML	43	B	15.428	400	90397	3.18	125.786	15.3901	15.4659	SAG
ML	43	B	15.74	1000	92044	-4.176	-239.46	15.6453	15.8347	CREST
ML	43	B	16.28	600	94895	0.332	1807.23	16.2232	16.3368	SAG
ML	43	B	16.612	400	96648	0.833	480.192	16.5741	16.6499	SAG
ML	43	B	16.934	1200	98348	-2.067	-580.55	16.8204	17.0476	CREST
ML	43	B	17.596	1000	101844	3.879	257.798	17.5013	17.6907	SAG
ML	43	B	17.994	1000	103945	-1.861	-537.35	17.8993	18.0887	CREST
ML	43	B	18.25	400	105297	1.314	304.414	18.2121	18.2879	SAG
ML	43	B	18.704	1200	107694	-3.261	-367.99	18.5904	18.8176	CREST
ML	43	B	19.102	1200	109795	3.181	377.24	18.9884	19.2156	SAG
ML	43	B	19.462	1000	111696	-1.681	-594.88	19.3673	19.5567	CREST
ML	43	B	19.898	800	113998	0.998	801.603	19.8222	19.9738	SAG
ML	43	B	20.404	900	116670	-1.9	-473.68	20.3188	20.4892	CREST
ML	43	B	20.807	600	118798	2.098	285.987	20.7502	20.8638	SAG
ML	43	B	21.403	800	121945	-2.097	-381.5	21.3272	21.4788	CREST
ML	43	B	21.894	400	124537	1.567	255.265	21.8561	21.9319	SAG
ML	43	B	22.213	600	126221	2.822	212.615	22.1562	22.2698	SAG
ML	43	B	22.502	600	127747	-1.537	-390.37	22.4452	22.5588	CREST
ML	43	B	22.776	1000	129194	1.799	555.864	22.6813	22.8707	SAG
ML	43	B	23.392	200	132447	-2.706	-73.91	23.3731	23.4109	CREST
ML	43	B	23.742	800	134295	-2.084	-383.88	23.6662	23.8178	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	43	B	24.055	800	135947	1.678	476.758	23.9792	24.1308	SAG
ML	43	B	24.329	1400	137394	-2.811	-498.04	24.1964	24.4616	CREST
ML	43	B	24.797	1200	139870	2.796	429.185	24.6834	24.9106	SAG
ML	43	B	25.332	1200	142695	-1.528	-785.34	25.2184	25.4456	CREST
ML	43	B	25.612	600	144173	1.24	483.871	25.5552	25.6688	SAG
ML	43	B	26.185	600	147199	-0.342	-1754.4	26.1282	26.2418	CREST
ML	43	B	26.469	600	148698	2.961	202.634	26.4122	26.5258	SAG
ML	43	B	27.085	400	151946	0.723	553.25	27.0471	27.1229	SAG
ML	43	B	27.524	1200	154264	-3.032	-395.78	27.4104	27.6376	CREST
ML	43	B	27.985	800	156698	-1.444	-554.02	27.9092	28.0608	CREST
ML	43	B	28.315	800	158445	0.941	850.159	28.2392	28.3908	SAG
ML	43	B	28.671	600	160320	2.907	206.398	28.6142	28.7278	SAG
ML	43	B	29.254	1200	163398	-2.719	-441.34	29.1404	29.3676	CREST
ML	43	B	29.945	400	167046	0.568	704.225	29.9071	29.9829	SAG
ML	43	B	30.153	400	168145	0.591	676.819	30.1151	30.1909	SAG
ML	43	B	30.57	400	170346	-0.438	-913.24	30.5321	30.6079	CREST
ML	43	B	31.11	600	173198	-1.305	-459.77	31.0532	31.1668	CREST
ML	43	B	31.36	400	174518	1.515	264.026	31.3221	31.3979	SAG
ML	43	B	31.526	800	175394	2.103	380.409	31.4502	31.6018	SAG
ML	43	B	31.706	800	176345	-2.912	-274.73	31.6302	31.7818	CREST
ML	43	B	32.151	400	178694	0.259	1544.4	32.1131	32.1889	SAG
ML	43	B	32.53	400	180695	-0.384	-1041.7	32.4921	32.5679	CREST
ML	43	B	32.814	800	182195	1.871	427.579	32.7382	32.8898	SAG
ML	43	B	33.117	400	183795	-1.546	-258.73	33.0791	33.1549	CREST
ML	43	B	33.553	800	186097	-1.393	-574.3	33.4772	33.6288	CREST
ML	43	B	33.837	600	187596	2.429	247.015	33.7802	33.8938	SAG
ML	43	B	34.235	400	189698	0.706	566.572	34.1971	34.2729	SAG
ML	43	B	34.519	800	191197	-1.673	-478.18	34.4432	34.5948	CREST
ML	43	B	35.116	400	194349	1.917	208.659	35.0781	35.1539	SAG
ML	43	B	35.391	800	195801	-1.039	-769.97	35.3152	35.4668	CREST
ML	43	B	35.503	600	196392	-1.003	-598.21	35.4462	35.5598	CREST
ML	43	B	35.788	300	197897	0.98	306.122	35.7596	35.8164	SAG
ML	43	B	36.148	300	199798	1.135	264.317	36.1196	36.1764	SAG
ML	43	B	36.631	1000	202348	-1.605	-623.05	36.5363	36.7257	CREST
ML	43	B	37.738	3000	208198	2.191	1369.24	37.4539	38.0221	SAG
ML	43	B	38.305	1600	211192	-4.594	-348.28	38.1535	38.4565	CREST
ML	43	B	38.779	800	213695	2.79	286.738	38.7032	38.8548	SAG
ML	43	B	39.347	800	216694	-1.267	-631.41	39.2712	39.4228	CREST
ML	43	B	39.915	300	219693	1.101	272.48	39.8866	39.9434	SAG
ML	43	B	40.476	1500	222655	-2.841	-527.98	40.334	40.618	CREST
ML	43	B	40.919	600	224999	2.273	263.968	40.8622	40.9758	SAG
ML	43	B	41.827	300	229799	0.657	456.621	41.7986	41.8554	SAG
ML	43	B	42.309	800	232346	-0.316	-2531.6	42.2332	42.3848	CREST
ML	43	B	42.548	800	233608	-0.97	-824.74	42.4722	42.6238	CREST
ML	43	B	42.783	1400	234849	1.87	748.663	42.6504	42.9156	SAG
ML	43	B	43.374	300	237948	0.058	5172.41	43.3456	43.4024	SAG
ML	43	B	43.658	300	239448	-0.345	-869.57	43.6296	43.6864	CREST
ML	43	B	43.866	300	240546	0.809	370.828	43.8376	43.8944	SAG
ML	43	B	44.435	400	243551	0.959	417.101	44.3971	44.4729	SAG
ML	43	B	45.457	400	248947	1.424	280.899	45.4191	45.4949	SAG
ML	43	B	45.836	1400	250948	-3.184	-439.7	45.7034	45.9686	CREST
ML	43	B	46.366	600	253746	-0.359	-1671.3	46.3092	46.4228	CREST
ML	43	B	46.725	500	255647	-0.817	-612	46.6777	46.7723	CREST
ML	43	B	47.284	200	258599	2.172	92.081	47.2651	47.3029	SAG
ML	43	B	47.634	600	260447	-0.566	-1060.1	47.5772	47.6908	CREST
ML	43	B	48.184	600	263351	2.277	263.505	48.1272	48.2408	SAG
ML	43	B	48.411	1200	264549	-0.51	-2352.9	48.2974	48.5246	CREST
ML	43	B	49.044	2000	267892	-4.6	-434.78	48.8546	49.2334	CREST
ML	43	B	49.347	300	269492	0.193	1554.4	49.3186	49.3754	SAG
ML	43	B	49.575	600	270696	-1.022	-587.08	49.5182	49.6318	CREST
ML	43	B	50.294	600	274492	2.121	282.885	50.2372	50.3508	SAG
ML	43	B	56.633	400	307964	0.237	1687.76	56.5951	56.6709	SAG
ML	43	B	57.102	200	310414	0.761	262.812	57.0831	57.1209	SAG
ML	43	B	57.264	200	311264	0.983	203.459	57.2451	57.2829	SAG
ML	43	B	57.434	400	312162	-0.479	-835.07	57.3961	57.4719	CREST
ML	43	B	57.699	600	313561	1.358	441.826	57.6422	57.7558	SAG
ML	43	B	58.136	1800	315863	-2.025	-888.89	57.9655	58.3065	CREST
ML	43	B	58.534	600	317965	1.091	549.954	58.4772	58.5908	SAG
ML	43	B	58.874	200	319760	0.394	507.614	58.8551	58.8929	SAG
ML	43	B	59.462	200	322864	-0.122	-1639.3	59.4431	59.4809	CREST
ML	43	B	59.841	200	324860	-0.016	-12500	59.8221	59.8599	CREST
ML	43	B	60.334	200	327463	-0.244	-819.67	60.3151	60.3529	CREST
ML	43	B	60.627	600	329010	1.256	477.707	60.5702	60.6838	SAG
ML	43	B	61.869	2600	335563	-2.918	-891.02	61.6228	62.1152	CREST
ML	43	B	62.741	400	340162	1.481	270.088	62.7031	62.7789	SAG
ML	43	B	63.082	800	341962	-1.311	-610.22	63.0062	63.1578	CREST
ML	43	B	64.314	1200	348462	-1.244	-964.63	64.2004	64.4276	CREST
ML	43	B	64.996	3400	352063	-3.74	-909.09	64.674	65.318	CREST
ML	43	B	65.461	1000	354513	3.517	284.333	65.3663	65.5557	SAG
ML	43	B	66.086	1200	357813	4.212	284.9	65.9724	66.1996	SAG
ML	43	B	66.54	1600	360210	-2.269	-705.16	66.3885	66.6915	CREST
ML	43	B	67.091	400	363114	1.579	253.325	67.0531	67.1289	SAG
ML	43	B	67.479	1000	365163	-1.449	-690.13	67.3843	67.5737	CREST
ML	43	B	68.133	400	368616	0.491	814.664	68.0951	68.1709	SAG
ML	43	B	68.683	800	371515	1.39	575.54	68.6072	68.7588	SAG
ML	43	B	69.213	2600	374313	-4.759	-546.33	68.9668	69.4592	CREST
ML	43	B	70.218	600	379614	1.286	466.563	70.1612	70.2748	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	43	B	70.729	600	382313	1.344	446.429	70.6722	70.7858	SAG
ML	43	B	71.089	400	384213	-0.491	-814.66	71.0511	71.1269	CREST
ML	43	B	71.659	400	387218	0.752	531.915	71.6211	71.6969	SAG
ML	43	B	72.788	200	393178	0.811	246.609	72.7691	72.8069	SAG
ML	43	B	73.219	1200	395454	3.005	399.334	73.1054	73.3326	SAG
ML	43	B	73.796	2000	398500	-4.893	-408.75	73.6066	73.9854	CREST
ML	43	B	74.199	200	400628	-0.19	-1052.6	74.1801	74.2179	CREST
ML	43	B	74.602	400	402751	-0.552	-724.64	74.5641	74.6399	CREST
ML	43	B	75.064	700	405180	1.269	551.615	74.9977	75.1303	SAG
ML	43	B	75.499	600	407476	0.861	696.864	75.4422	75.5558	SAG
ML	43	B	75.888	1800	409531	-4.39	-410.02	75.7175	76.0585	CREST
ML	43	B	76.39	300	412181	1.371	218.818	76.3616	76.4184	SAG
ML	43	B	76.92	300	414976	1.363	220.103	76.8916	76.9484	SAG
ML	43	B	77.308	400	417025	0.927	431.499	77.2701	77.3459	SAG
ML	43	B	77.422	400	417626	2.35	170.213	77.3841	77.4599	SAG
ML	43	B	77.583	1000	418477	-3.585	-278.94	77.4883	77.6777	CREST
ML	43	B	77.905	400	420177	2.073	192.957	77.8671	77.9429	SAG
ML	43	B	78.199	1200	421729	-2.726	-440.21	78.0854	78.3126	CREST
ML	43	B	78.53	400	423477	1.479	270.453	78.4921	78.5679	SAG
ML	43	B	78.946	400	425678	1.16	344.828	78.9081	78.9839	SAG
ML	43	B	79.324	800	427674	-1.043	-767.02	79.2482	79.3998	CREST
ML	43	B	79.779	1200	430077	-3.709	-323.54	79.6654	79.8926	CREST
ML	43	B	79.978	800	431127	5.198	153.905	79.9022	80.0538	SAG
ML	43	B	80.215	1000	432379	-3.08	-324.68	80.1203	80.3097	CREST
ML	43	B	80.376	600	433229	3.757	159.702	80.3192	80.4328	SAG
ML	43	B	80.679	1200	434829	-4.52	-265.49	80.5654	80.7926	CREST
ML	43	B	80.944	400	436228	2.199	181.901	80.9061	80.9819	SAG
ML	43	B	81.114	400	437126	-0.452	-884.96	81.0761	81.1519	CREST
ML	43	B	81.304	400	438129	0.557	718.133	81.2661	81.3419	SAG
ML	43	B	82.194	700	442828	3.437	203.666	82.1277	82.2603	SAG
ML	43	B	82.402	1300	443926	-5.373	-241.95	82.2789	82.5251	CREST
ML	43	B	82.743	1800	445727	3.931	457.899	82.5725	82.9135	SAG
ML	43	B	83.075	1200	447480	-4.429	-270.94	82.9614	83.1886	CREST
ML	43	B	83.273	700	448525	4.658	150.279	83.2067	83.3393	SAG
ML	43	B	83.444	1000	449428	-4.221	-236.91	83.3493	83.5387	CREST
ML	43	B	83.614	400	450326	2.042	195.886	83.5761	83.6519	SAG
ML	43	B	83.997	200	452347	-0.55	-363.64	83.9781	84.0159	CREST
ML	43	B	84.243	800	453646	1.63	490.798	84.1672	84.3188	SAG
ML	43	B	84.509	1000	455051	-1.785	-560.22	84.4143	84.6037	CREST
ML	43	B	84.717	400	456149	1.087	367.985	84.6791	84.7549	SAG
ML	43	B	85.162	500	458498	-0.887	-563.7	85.1147	85.2093	CREST
ML	43	B	85.351	300	459496	1.125	266.667	85.3226	85.3794	SAG
ML	43	B	85.702	400	461350	0.601	665.557	85.6641	85.7399	SAG
ML	43	B	85.948	1200	462648	-3.139	-382.29	85.8344	86.0616	CREST
ML	43	B	86.213	600	464048	3.45	173.913	86.1562	86.2698	SAG
ML	43	B	86.535	950	465748	-4.232	-224.48	86.445	86.625	CREST
ML	43	B	86.908	400	467717	1.453	275.292	86.8701	86.9459	SAG
ML	43	B	87.145	600	468948	2.09	287.081	87.0882	87.2018	SAG
ML	43	B	87.364	300	470046	0.277	1083.03	87.3356	87.3924	SAG
ML	43	B	87.533	400	470896	-0.772	-518.14	87.4951	87.5709	CREST
ML	43	B	87.922	200	472849	0.171	1169.59	87.9031	87.9409	SAG
ML	43	B	88.28	600	474650	3.701	162.118	88.2232	88.3368	SAG
ML	43	B	88.519	1250	475848	-6.729	-185.76	88.4006	88.6374	CREST
ML	43	B	88.718	600	476846	2.473	242.62	88.6612	88.7748	SAG
ML	43	B	88.897	400	477749	-0.889	-449.94	88.8591	88.9349	CREST
ML	43	B	89.256	400	479550	1.262	316.957	89.2181	89.2939	SAG
ML	43	B	89.753	600	482047	1.954	307.062	89.6962	89.8098	SAG
ML	43	B	89.953	1000	483050	-3.11	-321.54	89.8583	90.0477	CREST
ML	43	B	90.47	400	485648	1.116	358.423	90.4321	90.5079	SAG
ML	43	B	90.829	400	487449	0.7	571.429	90.7911	90.8669	SAG
ML	43	B	91.227	400	489450	0.09	4444.44	91.1891	91.2649	SAG
ML	43	B	91.555	500	491097	-0.656	-762.2	91.5077	91.6023	CREST
ML	43	B	91.704	400	491847	-0.217	-1843.3	91.6661	91.7419	CREST
ML	43	B	91.943	400	493045	1.017	393.314	91.9051	91.9809	SAG
ML	43	B	92.263	400	494651	-0.534	-749.06	92.2251	92.3009	CREST
ML	43	B	92.561	400	496150	-0.4	-1000	92.5231	92.5989	CREST
ML	43	B	92.92	600	497951	1.834	327.154	92.8632	92.9768	SAG
ML	43	B	93.148	1200	499096	-2.952	-406.5	93.0344	93.2616	CREST
ML	43	B	93.397	400	500348	0.719	556.328	93.3591	93.4349	SAG
ML	43	B	93.831	600	502850	1.2	500	93.7742	93.8878	SAG
ML	43	B	94.001	1000	504350	-2.925	-341.88	93.9063	94.0957	CREST
ML	43	B	94.182	400	505950	2.467	162.14	94.1441	94.2199	SAG
ML	43	B	94.55	800	507998	-2.844	-281.29	94.4742	94.6258	CREST
ML	43	B	94.777	400	509197	2.958	135.227	94.7391	94.8149	SAG
ML	43	B	95.109	400	510950	-1.052	-380.23	95.0711	95.1469	CREST
ML	43	B	95.459	400	512798	2.811	142.298	95.4211	95.4969	SAG
ML	43	B	95.724	1400	514197	-4.397	-318.4	95.5914	95.8566	CREST
ML	43	B	96.245	600	516948	2.741	218.898	96.1882	96.3018	SAG
ML	43	B	96.482	600	518199	-1.361	-440.85	96.4252	96.5388	CREST
ML	43	B	96.671	400	519197	1.551	257.898	96.6331	96.7089	SAG
ML	43	B	97.05	1800	521198	-6.118	-294.21	96.8795	97.2205	CREST
ML	43	B	97.371	500	522893	4.986	100.281	97.3237	97.4183	SAG
ML	43	B	97.47	300	523416	0.574	522.648	97.4416	97.4984	SAG
ML	43	B	98.063	1600	526547	-0.836	-1913.9	97.9115	98.2145	CREST
ML	43	B	98.357	400	528099	1.96	204.082	98.3191	98.3949	SAG
ML	43	B	99.048	600	531748	0.684	877.193	98.9912	99.1048	SAG
ML	43	B	99.427	1000	533749	-3.333	-300.03	99.3323	99.5217	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	43	B	99.654	400	534948	2.294	174.368	99.6161	99.6919	SAG
ML	43	B	99.891	400	536199	-1.016	-393.7	99.8531	99.9289	CREST
ML	43	B	100.222	1000	537947	-3.374	-296.38	100.127	100.317	CREST
ML	43	B	100.487	600	539346	3.394	176.783	100.43	100.544	SAG
ML	43	B	100.999	400	542049	2.239	178.651	100.961	101.037	SAG
ML	43	B	102.125	2200	547998	-2.513	-875.45	101.917	102.333	CREST
ML	43	B	103.952	2400	557637	0.323	7430.34	103.725	104.179	SAG
ML	43	B	107.161	400	574586	-0.868	-460.83	107.123	107.199	CREST
ML	43	B	107.559	400	576688	0.656	609.756	107.521	107.597	SAG
ML	43	B	107.748	400	577685	0.428	934.579	107.71	107.786	SAG
ML	43	B	108.165	800	579887	-1.359	-588.67	108.089	108.241	CREST
ML	43	B	108.517	400	581742	-0.657	-608.83	108.479	108.555	CREST
ML	43	B	108.697	600	582692	-0.917	-654.31	108.64	108.754	CREST
ML	43	B	108.963	400	584096	1.378	290.276	108.925	109.001	SAG
ML	43	B	109.134	400	584999	1.028	389.105	109.096	109.172	SAG
ML	43	B	109.511	400	586995	0.301	1328.9	109.473	109.549	SAG
ML	43	B	109.72	400	588099	1.148	348.432	109.682	109.758	SAG
ML	43	B	109.852	400	588796	0.92	434.783	109.814	109.89	SAG
ML	43	B	110.136	1000	590295	-3.617	-276.47	110.041	110.231	CREST
ML	43	B	110.515	400	592296	-0.625	-640	110.477	110.553	CREST
ML	43	B	110.723	800	593400	2.074	385.728	110.647	110.799	SAG
ML	43	B	110.909	800	594398	0.1	8000	110.833	110.985	SAG
ML	43	B	112.117	700	600781	-0.087	-8046	112.051	112.183	CREST
ML	43	B	112.326	100	601925	-0.415	-240.96	112.317	112.335	CREST
ML	43	B	112.398	100	602323	-0.297	-336.7	112.389	112.407	CREST
ML	43	B	112.443	100	602573	0.533	187.617	112.434	112.452	SAG
ML	43	B	112.468	100	602713	-0.595	-168.07	112.459	112.477	CREST
ML	43	B	112.511	100	602948	1.118	89.445	112.502	112.52	SAG
ML	43	B	112.538	100	603098	-0.444	-225.23	112.529	112.547	CREST
ML	43	B	112.578	100	603323	0.957	104.493	112.569	112.587	SAG
ML	43	B	112.613	100	603518	-0.185	-540.54	112.604	112.622	CREST
ML	43	B	112.723	200	604129	0.785	254.777	112.704	112.742	SAG
ML	43	B	112.853	700	604848	2.402	291.424	112.787	112.919	SAG
ML	43	B	113.001	925	605673	-4.306	-214.82	112.913	113.089	CREST
ML	43	B	114.028	500	606938	3.585	139.47	113.981	114.075	SAG
ML	43	B	114.123	400	607439	-0.7	-571.43	114.085	114.161	CREST
ML	43	B	114.332	400	608537	-0.536	-746.27	114.294	114.37	CREST
ML	43	B	114.504	1200	609435	-4.191	-286.33	114.39	114.618	CREST
ML	43	B	114.685	700	610385	2.49	281.124	114.619	114.751	SAG
ML	43	B	114.954	600	611799	-2.721	-220.51	114.897	115.011	CREST
ML	43	B	115.06	400	612358	4.128	96.899	115.022	115.098	SAG
ML	43	B	115.12	400	612674	-0.974	-410.68	115.082	115.158	CREST
ML	43	B	115.379	1100	614045	-2.359	-466.3	115.275	115.483	CREST
ML	43	B	115.682	1600	615641	-6.901	-231.85	115.53	115.834	CREST
ML	43	B	115.851	1000	616533	7.118	140.489	115.756	115.946	SAG
ML	43	B	116.117	200	617938	1.26	158.73	116.098	116.136	SAG
ML	43	B	116.213	1000	618446	-3.535	-282.89	116.118	116.308	CREST
ML	43	B	116.328	400	619052	3.796	105.374	116.29	116.366	SAG
ML	43	B	116.5	1450	619962	-5.03	-288.27	116.363	116.637	CREST
ML	43	B	116.624	600	620615	4.799	125.026	116.567	116.681	SAG
ML	43	B	116.793	1000	621507	-3.245	-308.17	116.698	116.888	CREST
ML	43	B	116.917	500	622164	1.968	254.065	116.87	116.964	SAG
ML	43	B	117.041	250	622817	2.809	89	117.017	117.065	SAG
ML	43	B	117.138	250	623332	0.075	3333.33	117.114	117.162	SAG
ML	43	B	117.152	400	623406	-0.006	-66667	117.114	117.19	CREST
ML	43	B	117.161	1100	623453	-4.232	-259.92	117.057	117.265	CREST
ML	43	B	117.283	150	624097	0.771	194.553	117.269	117.297	SAG
ML	43	B	117.309	300	624235	12.058	24.88	117.281	117.337	SAG
ML	43	B	117.343	250	624413	-16.295	-15.342	117.319	117.367	CREST
ML	43	B	117.384	300	624632	10.581	28.353	117.356	117.412	SAG
ML	43	B	117.483	150	625151	-0.081	-1851.9	117.469	117.497	CREST
ML	43	B	117.56	600	625558	1.493	401.875	117.503	117.617	SAG
ML	43	B	117.705	1000	626326	-7.404	-135.06	117.61	117.8	CREST
ML	43	B	117.893	400	627320	21.894	18.27	117.855	117.931	SAG
ML	43	B	117.935	400	627539	-15.247	-26.235	117.897	117.973	CREST
ML	43	B	118.056	1400	628175	-14.131	-99.073	117.923	118.189	CREST
ML	43	B	118.16	600	628724	16.544	36.267	118.103	118.217	SAG
ML	43	B	118.273	600	629323	-4.866	-123.31	118.216	118.33	CREST
ML	43	B	118.824	1800	632232	-1.036	-1737.5	118.654	118.994	CREST
ML	43	B	119.553	1200	636077	-2.899	-413.94	119.439	119.667	CREST
ML	43	B	119.869	1300	637746	3.063	424.421	119.746	119.992	SAG
ML	43	B	120.462	400	640878	3.272	122.249	120.424	120.5	SAG
ML	43	B	120.642	2200	641832	-5.183	-424.47	120.434	120.85	CREST
ML	43	B	121.049	600	643978	0.133	4511.28	120.992	121.106	SAG
ML	43	B	121.758	450	652686	0.938	479.744	121.715	121.801	SAG
ML	43	B	122.244	1640	655253	-2.842	-577.06	122.089	122.399	CREST
ML	43	B	122.786	499	658114	1.293	385.924	122.739	122.833	SAG
ML	43	B	123.179	800	660189	0.648	1234.57	123.103	123.255	SAG
ML	43	B	124.331	200	666270	-0.389	-514.14	124.312	124.35	CREST
ML	43	B	124.728	250	668370	1.193	209.556	124.704	124.752	SAG
ML	43	B	125.187	300	670790	-1.047	-286.53	125.159	125.215	CREST
ML	43	B	125.531	280	672605	1.213	230.833	125.504	125.558	SAG
ML	43	B	126.339	109	676870	-0.271	-402.21	126.329	126.349	CREST
ML	43	B	126.556	50	678020	-0.153	-326.8	126.551	126.561	CREST
ML	43	B	126.75	630	679040	3.418	184.318	126.69	126.81	SAG
ML	43	B	126.85	350	679570	-1.46	-239.73	126.817	126.883	CREST
ML	43	B	126.989	1100	680300	-4.135	-266.02	126.885	127.093	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	43	B	127.154	120	681168	0.724	165.746	127.143	127.165	SAG
ML	43	B	127.321	300	682050	1.465	204.778	127.293	127.349	SAG
ML	43	B	127.453	100	682745	0.72	138.889	127.444	127.462	SAG
ML	43	B	127.584	400	683435	-1.854	-215.75	127.546	127.622	CREST
ML	43	B	127.695	100	684020	-0.291	-343.64	127.686	127.704	CREST
ML	43	B	127.743	280	684270	1.7	164.706	127.716	127.77	SAG
ML	43	B	128.312	50	687270	0.189	264.55	128.307	128.317	SAG
ML	43	B	128.483	50	688170	-0.211	-236.97	128.478	128.488	CREST
ML	43	B	129.071	100	691270	0.459	217.865	129.062	129.08	SAG
ML	43	B	129.489	200	693470	-0.654	-305.81	129.47	129.508	CREST
ML	43	B	129.709	100	694630	-0.409	-244.5	129.7	129.718	CREST
ML	43	B	129.812	100	695170	0.612	163.399	129.803	129.821	SAG
ML	43	B	130.054	380	696445	2.647	143.559	130.018	130.09	SAG
ML	43	B	130.111	200	696745	-1.099	-181.98	130.092	130.13	CREST
ML	43	B	130.188	350	697150	-1.647	-212.51	130.155	130.221	CREST
ML	43	B	130.372	600	698120	-1.406	-426.74	130.315	130.429	CREST
ML	43	B	130.476	50	698670	-0.255	-196.08	130.471	130.481	CREST
ML	43	B	130.631	400	699490	1.863	214.707	130.593	130.669	SAG
ML	43	B	130.721	120	699965	1.044	114.943	130.71	130.732	SAG
ML	43	B	130.812	100	700445	-0.443	-225.73	130.803	130.821	CREST
ML	43	B	131.007	50	701470	-0.068	-735.29	131.002	131.012	CREST
ML	43	B	131.124	250	702090	-1.116	-224.01	131.1	131.148	CREST
ML	43	B	131.244	150	702720	0.71	211.268	131.23	131.258	SAG
ML	43	B	131.469	350	703910	-1.64	-213.42	131.436	131.502	CREST
ML	43	B	131.579	400	704490	2.518	158.856	131.541	131.617	SAG
ML	43	B	131.699	200	705120	-0.794	-251.89	131.68	131.718	CREST
ML	43	B	131.822	900	705770	-1.034	-870.41	131.737	131.907	CREST
ML	43	B	132.097	150	707220	-0.544	-275.74	132.083	132.111	CREST
ML	43	B	132.277	100	708170	0.263	380.228	132.268	132.286	SAG
ML	43	B	132.493	500	709310	3.511	142.41	132.446	132.54	SAG
ML	43	B	132.571	320	709720	-1.751	-182.75	132.541	132.601	CREST
ML	43	B	132.656	320	710170	-1.548	-206.72	132.626	132.686	CREST
ML	43	B	132.93	150	711620	0.823	182.26	132.916	132.944	SAG
ML	43	B	133.132	120	712690	-0.46	-260.87	133.121	133.143	CREST
ML	43	B	133.336	100	713770	0.519	192.678	133.327	133.345	SAG
ML	43	B	133.505	200	714670	-0.715	-279.72	133.486	133.524	CREST
ML	43	B	133.686	400	715630	1.818	220.022	133.648	133.724	SAG
ML	43	B	133.986	1200	717220	-0.394	-3045.7	133.872	134.1	CREST
ML	43	B	134.49	300	719893	1.506	199.203	134.462	134.518	SAG
ML	43	B	134.679	800	720897	-3.995	-200.25	134.603	134.755	CREST
ML	43	B	134.923	300	722195	1.73	173.41	134.895	134.951	SAG
ML	43	B	135.131	200	723294	-0.452	-442.48	135.112	135.15	CREST
ML	43	B	135.338	300	724397	1.126	266.43	135.31	135.366	SAG
ML	43	B	135.526	800	725395	-2.659	-300.87	135.45	135.602	CREST
ML	43	B	135.677	600	726192	3.739	160.471	135.62	135.734	SAG
ML	43	B	135.973	1300	727745	-4.108	-316.46	135.85	136.096	CREST
ML	43	B	136.291	400	729420	2.419	165.358	136.253	136.329	SAG
ML	43	B	136.93	200	732795	0.207	966.184	136.911	136.949	SAG
ML	43	B	137.006	500	733195	-0.857	-583.43	136.959	137.053	CREST
ML	43	B	137.204	700	734245	1.221	573.301	137.138	137.27	SAG
ML	43	B	137.412	800	735345	-0.838	-954.65	137.336	137.488	CREST
ML	43	B	137.652	600	736610	1.302	460.829	137.595	137.709	SAG
ML	43	B	137.789	600	737335	-1.026	-584.8	137.732	137.846	CREST
ML	43	B	137.98	500	738345	0.327	1529.05	137.933	138.027	SAG
ML	43	B	138.273	1172	739895	-0.883	-1327.3	138.162	138.384	CREST
ML	43	B	138.85	900	742945	1.314	684.932	138.765	138.935	SAG
ML	43	B	139.086	900	744195	-1.274	-706.44	139.001	139.171	CREST
ML	43	B	139.219	400	744895	0.597	670.017	139.181	139.257	SAG
ML	43	B	139.54	600	746595	-1.882	-318.81	139.483	139.597	CREST
ML	43	B	139.748	900	747695	3	300	139.663	139.833	SAG
ML	43	B	139.937	900	748695	-0.889	-1012.4	139.852	140.022	CREST
ML	43	B	140.448	600	751395	-0.193	-3108.8	140.391	140.505	CREST
ML	43	B	140.91	400	753835	-0.159	-2515.7	140.872	140.948	CREST
ML	43	B	141.224	500	755495	0.689	725.689	141.177	141.271	SAG
ML	43	B	141.35	600	756165	-2.135	-281.03	141.293	141.407	CREST
ML	43	B	141.507	800	756995	1.782	448.934	141.431	141.583	SAG
ML	43	B	141.706	500	758045	-0.229	-2183.4	141.659	141.753	CREST
ML	43	B	141.848	800	758795	1.133	706.09	141.772	141.924	SAG
ML	43	B	142.037	1200	759795	-1.336	-898.2	141.923	142.151	CREST
ML	43	B	142.485	50	762177	-0.013	-3846.2	142.48	142.49	CREST
ML	43	B	142.581	525	762751	2.139	245.442	142.531	142.631	SAG
ML	43	B	142.646	255	763142	-2.66	-95.865	142.622	142.67	CREST
ML	43	B	143.586	200	768777	2.012	99.404	143.567	143.605	SAG
ML	43	B	143.615	100	768952	-0.52	-192.31	143.606	143.624	CREST
ML	43	B	144.227	200	771362	-1.688	-118.48	144.208	144.246	CREST
ML	43	B	144.352	600	772019	3.985	150.565	144.295	144.409	SAG
ML	43	B	144.455	50	772567	-3.472	-14.401	144.45	144.46	CREST
ML	43	B	145.243	250	776728	0.233	1072.96	145.219	145.267	SAG
ML	43	B	145.302	320	777041	2.079	153.92	145.272	145.332	SAG
ML	43	B	145.367	100	777382	-2.101	-47.596	145.358	145.376	CREST
ML	43	B	145.865	280	780017	-2.465	-113.59	145.838	145.892	CREST
ML	43	B	145.919	150	780302	0.978	153.374	145.905	145.933	SAG
ML	43	B	145.981	280	780630	0.876	319.635	145.954	146.008	SAG
ML	43	B	147.709	100	789759	-0.865	-115.61	147.7	147.718	CREST
ML	43	B	147.761	350	790034	2.876	121.697	147.728	147.794	SAG
ML	43	B	147.869	300	790601	-1.864	-160.94	147.841	147.897	CREST
ML	43	B	148.15	100	792090	-0.414	-241.55	148.141	148.159	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	43	B	148.228	350	792500	1.96	178.571	148.195	148.261	SAG
ML	43	B	148.407	475	793445	-1.934	-245.61	148.362	148.452	CREST
ML	43	B	148.581	335	794367	2.114	158.467	148.549	148.613	SAG
ML	43	B	148.684	200	794910	-1.225	-163.27	148.665	148.703	CREST
ML	43	B	148.747	500	795239	-0.417	-1199	148.7	148.794	CREST
ML	43	B	149.219	400	797736	1.717	232.964	149.181	149.257	SAG
ML	43	B	149.428	500	798840	-1.622	-308.26	149.381	149.475	CREST
ML	43	B	149.882	400	801237	1.125	355.556	149.844	149.92	SAG
ML	43	B	150.034	400	802039	-1.073	-372.79	149.996	150.072	CREST
ML	43	B	150.166	400	802736	-0.382	-1047.1	150.128	150.204	CREST
ML	43	B	150.384	300	803887	0.72	416.667	150.356	150.412	SAG
ML	43	B	150.544	500	804737	-0.664	-753.01	150.497	150.591	CREST
ML	43	B	150.923	400	806738	0.9	444.444	150.885	150.961	SAG
ML	43	B	151.17	400	808037	0.693	577.201	151.132	151.208	SAG
ML	43	B	151.416	400	809336	-1.005	-398.01	151.378	151.454	CREST
ML	43	B	151.72	400	810936	0.34	1176.47	151.682	151.758	SAG
ML	43	B	152.422	400	814637	-0.201	-1990.1	152.384	152.46	CREST
ML	43	B	152.858	400	816937	-0.268	-1492.5	152.82	152.896	CREST
ML	43	B	153.587	700	820786	-1.558	-449.29	153.521	153.653	CREST
ML	43	B	153.729	400	821536	2	200	153.691	153.767	SAG
ML	43	B	154.315	400	824635	-0.488	-819.67	154.277	154.353	CREST
ML	43	B	155.167	400	829139	0.78	512.821	155.129	155.205	SAG
ML	43	B	155.623	400	831536	-0.443	-902.94	155.585	155.661	CREST
ML	43	B	156.124	500	834187	1.053	474.834	156.077	156.171	SAG
ML	43	B	156.312	500	835185	-1.28	-390.63	156.265	156.359	CREST
ML	43	B	156.662	400	837038	0.6	666.667	156.624	156.7	SAG
ML	43	B	157.002	400	838838	0.78	512.821	156.964	157.04	SAG
ML	43	B	157.172	600	839736	-2.002	-299.7	157.115	157.229	CREST
ML	43	B	157.493	400	841436	1.455	274.914	157.455	157.531	SAG
ML	43	B	157.7	500	842534	-1.327	-376.79	157.653	157.747	CREST
ML	43	B	157.851	400	843337	0.872	458.716	157.813	157.889	SAG
ML	43	B	158.004	400	844140	1.148	348.432	157.966	158.042	SAG
ML	43	B	158.136	400	844837	-0.649	-616.33	158.098	158.174	CREST
ML	43	B	158.287	400	845639	-1.07	-373.83	158.249	158.325	CREST
ML	43	B	158.42	500	846339	2.074	241.08	158.373	158.467	SAG
ML	43	B	158.609	1000	847337	-3.506	-285.23	158.514	158.704	CREST
ML	43	B	158.836	500	848535	1.963	254.712	158.789	158.883	SAG
ML	43	B	159.31	500	851038	-0.711	-703.24	159.263	159.357	CREST
ML	43	B	159.537	500	852237	1.75	285.714	159.49	159.584	SAG
ML	43	B	159.935	1100	854338	-4.187	-262.72	159.831	160.039	CREST
ML	43	B	160.143	700	855436	3.561	196.574	160.077	160.209	SAG
ML	43	B	160.295	400	856239	-0.774	-516.8	160.257	160.333	CREST
ML	43	B	160.484	400	857237	-0.902	-443.46	160.446	160.522	CREST
ML	43	B	160.702	400	858388	2.405	166.32	160.664	160.74	SAG
ML	43	B	160.891	500	859386	-1.388	-360.23	160.844	160.938	CREST
ML	43	B	161.09	400	860437	-1.599	-250.16	161.052	161.128	CREST
ML	43	B	161.261	400	861339	1.62	246.914	161.223	161.299	SAG
ML	43	B	161.904	400	864736	-0.736	-543.48	161.866	161.942	CREST
ML	43	B	162.15	600	866035	3.321	180.668	162.093	162.207	SAG
ML	43	B	162.501	1300	867888	-5.169	-251.5	162.378	162.624	CREST
ML	43	B	162.747	1200	869187	6.136	195.567	162.633	162.861	SAG
ML	43	B	163.012	1600	870586	-6.247	-256.12	162.86	163.164	CREST
ML	43	B	163.268	900	871938	2.792	322.35	163.183	163.353	SAG
ML	43	B	163.495	900	873137	-2.159	-416.86	163.41	163.58	CREST
ML	43	B	163.666	400	874040	1.61	248.447	163.628	163.704	SAG
ML	43	B	164.063	400	876136	0.716	558.659	164.025	164.101	SAG
ML	43	B	164.357	600	877688	0.924	649.351	164.3	164.414	SAG
ML	43	B	164.973	1800	880935	-1.767	-1018.7	164.803	165.143	CREST
ML	43	B	165.22	400	882239	1.444	277.008	165.182	165.258	SAG
ML	43	B	165.504	500	883738	-1.773	-282.01	165.457	165.551	CREST
ML	43	B	165.617	700	884335	1.742	401.837	165.551	165.683	SAG
ML	43	B	165.75	700	885037	-2.874	-243.56	165.684	165.816	CREST
ML	43	B	165.939	800	886035	3.889	205.708	165.863	166.015	SAG
ML	43	B	166.49	1400	888939	-5.118	-273.54	166.357	166.623	CREST
ML	43	B	166.849	900	890835	8.429	106.774	166.764	166.934	SAG
ML	43	B	167.057	1300	891938	-4.495	-289.21	166.934	167.18	CREST
ML	43	B	167.246	700	892936	-1.73	-404.62	167.18	167.312	CREST
ML	43	B	167.416	400	893839	2.777	144.04	167.378	167.454	SAG
ML	43	B	167.586	1100	894737	-4.232	-259.92	167.482	167.69	CREST
ML	43	B	167.898	900	896389	5.857	153.662	167.813	167.983	SAG
ML	43	B	168.427	2000	899188	-6.994	-285.96	168.238	168.616	CREST
ML	43	B	168.88	800	901585	2.051	390.054	168.804	168.956	SAG
ML	43	B	169.032	800	902387	5.191	154.113	168.956	169.108	SAG
ML	43	B	169.333	1200	903983	-4.75	-252.63	169.219	169.447	CREST
ML	43	B	169.598	1000	905382	3.248	307.882	169.503	169.693	SAG
ML	43	B	170.107	1400	908077	-1.818	-770.08	169.974	170.24	CREST
ML	80	D	0.156	600	834	0.484	1239.67	0.09918	0.21282	SAG
ML	80	D	0.543	1000	2899	-1.287	-777	0.4483	0.6377	CREST
ML	80	D	0.897	600	4768	0.05	12000	0.84018	0.95382	SAG
ML	80	D	1.048	600	5565	1.752	342.466	0.99118	1.10482	SAG
ML	80	D	1.484	300	7867	-0.082	-3658.5	1.45559	1.51241	CREST
ML	80	D	1.711	1600	9066	-2.959	-540.72	1.55948	1.86252	CREST
ML	80	D	2.128	800	11270	2.736	292.398	2.05224	2.20376	SAG
ML	80	D	2.401	800	12711	-1.275	-627.45	2.32524	2.47676	CREST
ML	80	D	2.663	600	14089	1.303	460.476	2.60618	2.71982	SAG
ML	80	D	2.925	1070	15473	2.76	387.681	2.82367	3.02633	SAG
ML	80	D	3.729	1000	19723	-3.816	-262.06	3.6343	3.8237	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	4.184	1000	22120	-2.615	-382.41	4.0893	4.2787	CREST
ML	80	D	4.762	1500	25172	5.63	266.43	4.61995	4.90405	SAG
ML	80	D	5.205	1700	27522	-6.263	-271.44	5.04402	5.36598	CREST
ML	80	D	5.519	900	29169	5.376	167.411	5.43377	5.60423	SAG
ML	80	D	5.803	600	30674	-2.148	-279.33	5.74618	5.85982	CREST
ML	80	D	6.445	400	34063	1.906	209.864	6.40712	6.48288	SAG
ML	80	D	6.726	1000	35545	-2.052	-487.33	6.6313	6.8207	CREST
ML	80	D	6.991	400	36945	0.952	420.168	6.95312	7.02888	SAG
ML	80	D	7.578	400	40044	0.822	486.618	7.54012	7.61588	SAG
ML	80	D	8.128	400	42948	0.37	1081.08	8.09012	8.16588	SAG
ML	80	D	8.393	800	44347	-0.977	-818.83	8.31724	8.46876	CREST
ML	80	D	8.677	600	45847	-1.368	-438.6	8.62018	8.73382	CREST
ML	80	D	8.866	600	46845	1.369	438.276	8.80918	8.92282	SAG
ML	80	D	9.15	600	48344	-0.999	-600.6	9.09318	9.20682	CREST
ML	80	D	9.378	400	49548	0.664	602.41	9.34012	9.41588	SAG
ML	80	D	9.492	600	50150	0.852	704.225	9.43518	9.54882	SAG
ML	80	D	9.908	400	52346	0.567	705.467	9.87012	9.94588	SAG
ML	80	D	10.136	800	53545	-1.521	-525.97	10.0602	10.2118	CREST
ML	80	D	10.382	400	54844	0.768	520.833	10.3441	10.4199	SAG
ML	80	D	10.932	200	57748	1.154	173.31	10.9131	10.9509	SAG
ML	80	D	11.883	400	62764	-0.059	-6779.7	11.8451	11.9209	CREST
ML	80	D	12.073	400	63767	-0.084	-4761.9	12.0351	12.1109	CREST
ML	80	D	12.186	400	64364	0.146	2739.73	12.1481	12.2239	SAG
ML	80	D	12.415	650	65570	2.878	225.851	12.3534	12.4766	SAG
ML	80	D	12.528	400	66166	-0.307	-1302.9	12.4901	12.5659	CREST
ML	80	D	12.604	400	66568	0.064	6250	12.5661	12.6419	SAG
ML	80	D	12.699	400	67069	0.197	2030.46	12.6611	12.7369	SAG
ML	80	D	12.775	400	67470	0.038	10526.3	12.7371	12.8129	SAG
ML	80	D	12.888	400	68067	-0.042	-9523.8	12.8501	12.9259	CREST
ML	80	D	13.001	400	68669	-0.146	-2739.7	12.9631	13.0389	CREST
ML	80	D	13.228	400	69868	0.154	2597.4	13.1901	13.2659	SAG
ML	80	D	13.342	400	70469	-0.134	-2985.1	13.3041	13.3799	CREST
ML	80	D	13.454	400	71066	0.305	1311.48	13.4161	13.4919	SAG
ML	80	D	13.664	1650	72170	-6.242	-264.34	13.5078	13.8203	CREST
ML	80	D	13.911	400	73468	0.581	688.468	13.8731	13.9489	SAG
ML	80	D	13.986	400	73870	-0.539	-742.12	13.9481	14.0239	CREST
ML	80	D	14.314	1000	75607	-3.47	-288.18	14.2193	14.4087	CREST
ML	80	D	14.667	400	77471	-0.163	-2454	14.6291	14.7049	CREST
ML	80	D	14.951	400	78970	0.159	2515.72	14.9131	14.9889	SAG
ML	80	D	15.102	400	79768	-0.227	-1762.1	15.0641	15.1399	CREST
ML	80	D	15.254	400	80570	0.064	6250	15.2161	15.2919	SAG
ML	80	D	15.562	700	82196	3.047	229.734	15.4957	15.6283	SAG
ML	80	D	15.69	400	82872	0.418	956.938	15.6521	15.7279	SAG
ML	80	D	15.784	400	83368	-0.225	-1777.8	15.7461	15.8219	CREST
ML	80	D	15.916	400	84065	-0.358	-1117.3	15.8781	15.9539	CREST
ML	80	D	16.012	400	84567	-0.075	-5333.3	15.9741	16.0499	CREST
ML	80	D	16.164	400	85370	0.096	4166.67	16.1261	16.2019	SAG
ML	80	D	16.41	400	86668	0.213	1877.93	16.3721	16.4479	SAG
ML	80	D	16.58	400	87566	-0.058	-6896.6	16.5421	16.6179	CREST
ML	80	D	16.826	400	88865	0.12	3333.33	16.7881	16.8639	SAG
ML	80	D	16.902	200	89266	0.053	3773.59	16.8831	16.9209	SAG
ML	80	D	17.243	600	91067	-0.882	-680.27	17.1862	17.2998	CREST
ML	80	D	17.471	400	92271	-0.113	-3539.8	17.4331	17.5089	CREST
ML	80	D	17.603	400	92968	-0.17	-2352.9	17.5651	17.6409	CREST
ML	80	D	17.712	500	93543	2.247	222.519	17.6647	17.7593	SAG
ML	80	D	17.721	400	93595	2.352	170.068	17.6831	17.7589	SAG
ML	80	D	17.816	200	94096	0.2	1000	17.7971	17.8349	SAG
ML	80	D	17.901	200	94545	-0.133	-1503.8	17.8821	17.9199	CREST
ML	80	D	18.187	400	96044	-0.613	-652.53	18.1491	18.2249	CREST
ML	80	D	18.264	200	96446	0.58	344.828	18.2451	18.2829	SAG
ML	80	D	18.602	200	98246	0.167	1197.61	18.5831	18.6209	SAG
ML	80	D	18.699	600	98758	4.034	148.736	18.6422	18.7558	SAG
ML	80	D	18.943	200	100047	0.176	1136.36	18.9241	18.9619	SAG
ML	80	D	19.123	200	100997	-0.344	-581.4	19.1041	19.1419	CREST
ML	80	D	19.265	800	101747	-1.065	-751.17	19.1892	19.3408	CREST
ML	80	D	20.022	400	105744	1.811	220.872	19.9841	20.0599	SAG
ML	80	D	20.174	200	106546	0.362	552.486	20.1551	20.1929	SAG
ML	80	D	20.25	400	106948	0.295	1355.93	20.2121	20.2879	SAG
ML	80	D	20.401	200	107745	-0.158	-1265.8	20.3821	20.4199	CREST
ML	80	D	20.553	200	108547	-0.077	-2597.4	20.5341	20.5719	CREST
ML	80	D	20.85	2520	110116	-10.078	-250.05	20.6114	21.0886	CREST
ML	80	D	21.973	200	116045	0.064	3125	21.9541	21.9919	SAG
ML	80	D	22.285	200	117692	-0.136	-1470.6	22.2661	22.3039	CREST
ML	80	D	22.433	700	118474	2.91	240.55	22.3667	22.4993	SAG
ML	80	D	22.579	400	119245	0.203	1970.44	22.5411	22.6169	SAG
ML	80	D	22.825	600	120544	-0.634	-946.37	22.7682	22.8818	CREST
ML	80	D	23.091	200	121948	0.249	803.213	23.0721	23.1099	SAG
ML	80	D	23.337	600	123247	1.334	449.775	23.2802	23.3938	SAG
ML	80	D	23.52	400	124197	-1.881	-212.65	23.4821	23.5579	CREST
ML	80	D	23.661	200	124947	0.156	1282.05	23.6421	23.6799	SAG
ML	80	D	23.734	200	125343	-0.214	-934.58	23.7151	23.7529	CREST
ML	80	D	23.864	450	126045	2.486	181.014	23.8214	23.9066	SAG
ML	80	D	23.939	450	126441	2.495	180.361	23.8964	23.9816	SAG
ML	80	D	24.017	200	126843	-0.277	-722.02	23.9981	24.0359	CREST
ML	80	D	24.416	800	128944	-0.689	-1161.1	24.3402	24.4918	CREST
ML	80	D	24.804	200	130993	-0.027	-7407.4	24.7851	24.8229	CREST
ML	80	D	24.88	200	131394	0.955	209.424	24.8611	24.8989	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	26.083	400	137746	0.044	9090.91	26.0451	26.1209	SAG
ML	80	D	26.178	600	138247	2.995	200.334	26.1212	26.2348	SAG
ML	80	D	27.707	1975	146321	-5.633	-350.61	27.52	27.894	CREST
ML	80	D	28.386	600	149906	-1.607	-373.37	28.3292	28.4428	CREST
ML	80	D	28.77	800	151907	3.67	217.984	28.6942	28.8458	SAG
ML	80	D	29.128	1000	153807	-2.841	-351.99	29.0333	29.2227	CREST
ML	80	D	29.487	400	155708	1.733	230.814	29.4491	29.5249	SAG
ML	80	D	29.789	600	157308	-1.75	-342.86	29.7322	29.8458	CREST
ML	80	D	30.092	700	158908	1.301	538.048	30.0257	30.1583	SAG
ML	80	D	30.509	2000	161110	-2.462	-812.35	30.3196	30.6984	CREST
ML	80	D	31.871	1000	168306	-0.151	-6622.5	31.7763	31.9657	CREST
ML	80	D	32.856	800	173507	3.082	259.572	32.7802	32.9318	SAG
ML	80	D	33.312	1000	175910	-2.349	-425.71	33.2173	33.4067	CREST
ML	80	D	34.429	600	181813	1.443	415.8	34.3722	34.4858	SAG
ML	80	D	34.764	600	183559	-0.814	-737.1	34.7072	34.8208	CREST
ML	80	D	35.721	1000	188606	-1.696	-589.62	35.6263	35.8157	CREST
ML	80	D	36.195	1000	191104	4.304	232.342	36.1003	36.2897	SAG
ML	80	D	37.002	600	195360	-1.163	-515.91	36.9452	37.0588	CREST
ML	80	D	37.323	1000	197060	-2.654	-376.79	37.2283	37.4177	CREST
ML	80	D	37.738	800	199256	1.831	436.92	37.6622	37.8138	SAG
ML	80	D	38.059	400	200956	1.554	257.4	38.0211	38.0969	SAG
ML	80	D	38.419	1600	202857	-3.395	-471.28	38.2675	38.5705	CREST
ML	80	D	38.854	2000	205159	3.263	612.933	38.6646	39.0434	SAG
ML	80	D	39.515	1000	208660	-1.709	-585.14	39.4203	39.6097	CREST
ML	80	D	39.894	1000	210656	-1.823	-548.55	39.7993	39.9887	CREST
ML	80	D	40.197	1200	212256	2.298	522.193	40.0834	40.3106	SAG
ML	80	D	41.181	400	217456	-0.566	-706.71	41.1431	41.2189	CREST
ML	80	D	41.446	400	218856	0.287	1393.73	41.4081	41.4839	SAG
ML	80	D	41.778	800	220608	2.968	269.542	41.7022	41.8538	SAG
ML	80	D	42.289	1600	223307	-4.055	-394.58	42.1375	42.4405	CREST
ML	80	D	42.64	400	225160	0.563	710.48	42.6021	42.6779	SAG
ML	80	D	43.19	1000	228059	2.538	394.011	43.0953	43.2847	SAG
ML	80	D	43.55	1400	229959	-3.095	-452.34	43.4174	43.6826	CREST
ML	80	D	43.853	600	231559	1.549	387.347	43.7962	43.9098	SAG
ML	80	D	44.194	600	233360	-1.146	-523.56	44.1372	44.2508	CREST
ML	80	D	44.478	600	234859	1.072	559.701	44.4212	44.5348	SAG
ML	80	D	44.724	800	236158	1.197	668.338	44.6482	44.7998	SAG
ML	80	D	45.033	400	237790	-0.417	-959.23	44.9951	45.0709	CREST
ML	80	D	45.45	600	239991	-1.7	-352.94	45.3932	45.5068	CREST
ML	80	D	45.724	800	241438	2.568	311.526	45.6482	45.7998	SAG
ML	80	D	46.314	200	244559	-1.67	-119.76	46.2951	46.3329	CREST
ML	80	D	46.627	1000	246211	-1.948	-513.35	46.5323	46.7217	CREST
ML	80	D	46.846	600	247362	0.651	921.659	46.7892	46.9028	SAG
ML	80	D	47.017	600	248260	1.448	414.365	46.9602	47.0738	SAG
ML	80	D	47.359	600	250060	1.534	391.134	47.3022	47.4158	SAG
ML	80	D	47.83	600	252558	-0.702	-854.7	47.7732	47.8868	CREST
ML	80	D	48.095	800	253962	1.501	532.978	48.0192	48.1708	SAG
ML	80	D	48.399	1400	255562	-2.938	-476.52	48.2664	48.5316	CREST
ML	80	D	49.004	400	258762	-0.103	-3883.5	48.9661	49.0419	CREST
ML	80	D	49.132	600	259435	2.393	250.731	49.0752	49.1888	SAG
ML	80	D	49.426	600	260987	-0.952	-630.25	49.3692	49.4828	CREST
ML	80	D	49.804	600	262983	-1.15	-521.74	49.7472	49.8608	CREST
ML	80	D	50.183	600	264984	1.883	318.64	50.1262	50.2398	SAG
ML	80	D	50.467	400	266484	-0.914	-437.64	50.4291	50.5049	CREST
ML	80	D	51.765	1400	273337	4.493	311.596	51.6324	51.8976	SAG
ML	80	D	52.392	540	276648	-1.709	-315.97	52.3409	52.4431	CREST
ML	80	D	52.474	656	277081	-0.972	-674.9	52.4119	52.5361	CREST
ML	80	D	52.726	915	278411	-2.03	-450.74	52.6394	52.8126	CREST
ML	80	D	52.818	190	278897	-0.56	-339.29	52.8	52.836	CREST
ML	80	D	53.495	600	282471	1.674	358.423	53.4382	53.5518	SAG
ML	80	D	53.989	1000	285074	-2.344	-426.62	53.8943	54.0837	CREST
ML	80	D	54.405	600	287270	1.5	400	54.3482	54.4618	SAG
ML	80	D	54.965	400	290227	-0.611	-654.66	54.9271	55.0029	CREST
ML	80	D	55.411	600	292577	1.455	412.371	55.3542	55.4678	SAG
ML	80	D	55.751	800	294372	-1.485	-538.72	55.6752	55.8268	CREST
ML	80	D	56.263	400	297070	0.869	460.299	56.2251	56.3009	SAG
ML	80	D	56.529	600	298474	-1.499	-400.27	56.4722	56.5858	CREST
ML	80	D	56.831	600	299974	1.948	308.008	56.7742	56.8878	SAG
ML	80	D	57.462	800	303137	-1.806	-442.97	57.3862	57.5378	CREST
ML	80	D	57.727	400	304536	1.358	294.551	57.6891	57.7649	SAG
ML	80	D	57.954	400	305735	-0.833	-480.19	57.9161	57.9919	CREST
ML	80	D	58.125	400	306638	0.846	472.813	58.0871	58.1629	SAG
ML	80	D	58.863	800	310534	-1.344	-595.24	58.7872	58.9388	CREST
ML	80	D	59.091	400	311738	1.351	296.077	59.0531	59.1289	SAG
ML	80	D	59.564	800	314236	-1.31	-610.69	59.4882	59.6398	CREST
ML	80	D	59.924	1000	316136	-1.938	-516	59.8293	60.0187	CREST
ML	80	D	61.174	400	322736	2.278	175.593	61.1361	61.2119	SAG
ML	80	D	61.639	400	325186	-1.162	-344.23	61.6011	61.6769	CREST
ML	80	D	62.026	400	327235	0.6	666.667	61.9881	62.0639	SAG
ML	80	D	63.47	400	334857	-0.921	-434.31	63.4321	63.5079	CREST
ML	80	D	64.039	400	337861	1.555	257.235	64.0011	64.0769	SAG
ML	80	D	64.644	800	341056	0.73	1095.89	64.5682	64.7198	SAG
ML	80	D	66.188	1000	349245	2.534	394.633	66.0933	66.2827	SAG
ML	80	D	66.877	2000	352846	-3.337	-599.34	66.6876	67.0664	CREST
ML	80	D	67.805	1000	357746	-1.781	-561.48	67.7103	67.8997	CREST
ML	80	D	68.221	800	359943	1.431	559.05	68.1452	68.2968	SAG
ML	80	D	68.6	800	361944	2.099	381.134	68.5242	68.6758	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	68.972	400	363945	-3.088	-129.53	68.9341	69.0099	CREST
ML	80	D	69.339	600	365846	1.166	514.58	69.2822	69.3958	SAG
ML	80	D	70.191	600	370344	-0.378	-1587.3	70.1342	70.2478	CREST
ML	80	D	71.024	1000	374742	-1.776	-563.06	70.9293	71.1187	CREST
ML	80	D	71.365	800	376543	2.443	327.466	71.2892	71.4408	SAG
ML	80	D	71.706	600	378343	1.073	559.18	71.6492	71.7628	SAG
ML	80	D	72.653	1400	383343	-2.784	-502.87	72.5204	72.7856	CREST
ML	80	D	73.069	800	385545	1.717	465.929	72.9932	73.1448	SAG
ML	80	D	73.939	800	390144	0.805	993.789	73.8632	74.0148	SAG
ML	80	D	74.373	600	392441	-0.336	-1785.7	74.3162	74.4298	CREST
ML	80	D	75.035	1000	395942	-0.851	-1175.1	74.9403	75.1297	CREST
ML	80	D	76.076	600	401449	1.154	519.931	76.0192	76.1328	SAG
ML	80	D	76.415	1400	403244	-3.001	-466.51	76.2824	76.5476	CREST
ML	80	D	76.756	800	405044	1.397	572.656	76.6802	76.8318	SAG
ML	80	D	77.23	600	407547	0.64	937.5	77.1732	77.2868	SAG
ML	80	D	77.741	800	410245	1.407	568.586	77.6652	77.8168	SAG
ML	80	D	78.103	600	412160	-0.543	-1105	78.0462	78.1598	CREST
ML	80	D	78.708	600	415354	0.37	1621.62	78.6512	78.7648	SAG
ML	80	D	79.372	800	418855	1.604	498.753	79.2962	79.4478	SAG
ML	80	D	79.845	1800	421357	-2.662	-676.18	79.6745	80.0155	CREST
ML	80	D	80.451	1200	424557	2.508	478.469	80.3374	80.5646	SAG
ML	80	D	81.266	1000	428855	-0.971	-1029.9	81.1713	81.3607	CREST
ML	80	D	83.017	2200	438078	-3.866	-569.06	82.8087	83.2253	CREST
ML	80	D	83.778	400	442080	0.637	627.943	83.7401	83.8159	SAG
ML	80	D	84.308	400	444879	-0.858	-466.2	84.2701	84.3459	CREST
ML	80	D	84.668	400	446779	2.257	177.226	84.6301	84.7059	SAG
ML	80	D	85.348	1200	450385	-2.247	-534.05	85.2344	85.4616	CREST
ML	80	D	86.013	1000	453886	3.393	294.724	85.9183	86.1077	SAG
ML	80	D	86.598	400	457038	1.296	308.642	86.5601	86.6359	SAG
ML	80	D	87.312	1950	460808	-4.319	-451.49	87.1273	87.4967	CREST
ML	80	D	87.812	600	463432	1.463	410.116	87.7552	87.8688	SAG
ML	80	D	88.339	600	466188	0.718	835.655	88.2822	88.3958	SAG
ML	80	D	88.624	1500	467683	3.347	448.163	88.482	88.766	SAG
ML	80	D	90.041	800	475152	-2.627	-304.53	89.9652	90.1168	CREST
ML	80	D	90.715	1500	478782	-5.131	-292.34	90.573	90.857	CREST
ML	80	D	91.202	600	481353	0.888	675.676	91.1452	91.2588	SAG
ML	80	D	91.472	2250	482779	5.45	412.844	91.2589	91.6851	SAG
ML	80	D	92.05	900	485793	-3.638	-247.39	91.9648	92.1352	CREST
ML	80	D	92.606	1200	488775	2.546	471.328	92.4924	92.7196	SAG
ML	80	D	92.833	800	489974	1.755	455.84	92.7572	92.9088	SAG
ML	80	D	93.573	1000	493876	-2.541	-393.55	93.4783	93.6677	CREST
ML	80	D	94.237	1000	497376	-2.494	-400.96	94.1423	94.3317	CREST
ML	80	D	94.749	1800	500074	5.812	309.704	94.5785	94.9195	SAG
ML	80	D	95.337	1200	503174	-2.765	-434	95.2234	95.4506	CREST
ML	80	D	95.764	600	505423	0.864	694.444	95.7072	95.8208	SAG
ML	80	D	96.335	2000	508430	-4.05	-493.83	96.1456	96.5244	CREST
ML	80	D	96.79	1600	510828	3.635	440.165	96.6385	96.9415	SAG
ML	80	D	97.848	1000	516415	-1.137	-879.51	97.7533	97.9427	CREST
ML	80	D	98.208	800	518316	1.339	597.461	98.1322	98.2838	SAG
ML	80	D	98.909	2400	522018	-1.981	-1211.5	98.6817	99.1363	CREST
ML	80	D	99.818	800	526817	0.937	853.789	99.7422	99.8938	SAG
ML	80	D	100.12	600	528412	0.271	2214.02	100.063	100.177	SAG
ML	80	D	101.162	800	533914	-0.101	-7920.8	101.086	101.238	CREST
ML	80	D	102.006	600	538429	2.216	270.758	101.949	102.063	SAG
ML	80	D	102.274	1000	539845	-1.945	-514.14	102.179	102.369	CREST
ML	80	D	102.641	800	541751	2.345	341.151	102.565	102.717	SAG
ML	80	D	103.754	2600	547654	-2.603	-998.85	103.508	104	CREST
ML	80	D	106.107	2000	559973	-3.608	-554.32	105.918	106.296	CREST
ML	80	D	106.452	300	561747	0.186	1612.9	106.424	106.48	SAG
ML	80	D	106.522	600	562163	-0.38	-1578.9	106.465	106.579	CREST
ML	80	D	106.752	800	563418	3.468	230.681	106.676	106.828	SAG
ML	80	D	107.53	400	567384	1.153	346.921	107.492	107.568	SAG
ML	80	D	107.767	600	568640	-2.145	-279.72	107.71	107.824	CREST
ML	80	D	108.018	300	569979	0.77	389.61	107.99	108.046	SAG
ML	80	D	108.317	300	571579	0.682	439.883	108.289	108.345	SAG
ML	80	D	108.42	400	572128	0.634	630.915	108.382	108.458	SAG
ML	80	D	108.626	800	573231	-0.496	-1612.9	108.55	108.702	CREST
ML	80	D	109.093	400	575729	2.681	149.198	109.055	109.131	SAG
ML	80	D	109.598	2600	578428	-6.001	-433.26	109.352	109.844	CREST
ML	80	D	109.897	600	580028	2.552	235.11	109.84	109.954	SAG
ML	80	D	110.314	1000	582260	-1.446	-691.56	110.219	110.409	CREST
ML	80	D	110.502	600	583263	1.561	384.369	110.445	110.559	SAG
ML	80	D	110.726	600	584462	0.778	771.208	110.669	110.783	SAG
ML	80	D	111.068	600	586262	1.732	346.42	111.011	111.125	SAG
ML	80	D	111.392	2000	587962	-4.71	-424.63	111.203	111.581	CREST
ML	80	D	111.677	600	589462	2.896	207.182	111.62	111.734	SAG
ML	80	D	111.886	800	590565	-0.663	-1206.6	111.81	111.962	CREST
ML	80	D	112.075	600	591563	2.077	288.878	112.018	112.132	SAG
ML	80	D	112.415	2600	593364	-3.464	-750.58	112.169	112.661	CREST
ML	80	D	112.718	600	594964	2.79	215.054	112.661	112.775	SAG
ML	80	D	112.907	600	595962	0.201	2985.08	112.85	112.964	SAG
ML	80	D	113.343	1600	598264	-3.734	-428.5	113.191	113.495	CREST
ML	80	D	113.607	800	599663	2.287	349.803	113.531	113.683	SAG
ML	80	D	114.137	800	602461	0.343	2332.36	114.061	114.213	SAG
ML	80	D	114.894	800	606463	1.598	500.626	114.818	114.97	SAG
ML	80	D	115.273	800	608465	-0.627	-1275.9	115.197	115.349	CREST
ML	80	D	115.822	1600	611367	-3.592	-445.43	115.67	115.974	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	116.049	800	612565	2.671	299.513	115.973	116.125	SAG
ML	80	D	116.276	800	613764	-0.656	-1219.5	116.2	116.352	CREST
ML	80	D	116.881	800	616964	0.783	1021.71	116.805	116.957	SAG
ML	80	D	117.032	800	617761	-0.697	-1147.8	116.956	117.108	CREST
ML	80	D	117.565	800	620564	1.42	563.38	117.489	117.641	SAG
ML	80	D	117.95	800	622566	-1.385	-577.62	117.874	118.026	CREST
ML	80	D	118.219	600	623965	0.598	1003.34	118.162	118.276	SAG
ML	80	D	118.527	600	625565	0.497	1207.24	118.47	118.584	SAG
ML	80	D	118.925	800	627666	-0.509	-1571.7	118.849	119.001	CREST
ML	80	D	119.114	1000	628664	-0.119	-8403.4	119.019	119.209	CREST
ML	80	D	119.529	800	630866	0.085	9411.77	119.453	119.605	SAG
ML	80	D	119.812	600	632365	0.435	1379.31	119.755	119.869	SAG
ML	80	D	120	800	633363	-0.402	-1990.1	119.924	120.076	CREST
ML	80	D	120.189	1000	634366	-0.6	-1666.7	120.094	120.284	CREST
ML	80	D	120.378	600	635364	-0.166	-3614.5	120.321	120.435	CREST
ML	80	D	120.943	600	638363	0.917	654.308	120.886	121	SAG
ML	80	D	121.321	400	640364	0.484	826.446	121.283	121.359	SAG
ML	80	D	121.604	600	641864	0.792	757.576	121.547	121.661	SAG
ML	80	D	122.018	1400	644066	-2.496	-560.9	121.885	122.151	CREST
ML	80	D	122.51	1200	646664	2.5	480	122.396	122.624	SAG
ML	80	D	122.719	400	647762	-1.423	-281.1	122.681	122.757	CREST
ML	80	D	123.21	400	650365	0.69	579.71	123.172	123.248	SAG
ML	80	D	123.4	1400	651368	-2.557	-547.52	123.267	123.533	CREST
ML	80	D	123.738	1000	653163	1.873	533.903	123.643	123.833	SAG
ML	80	D	124.101	600	655082	1.221	491.4	124.044	124.158	SAG
ML	80	D	124.384	400	656582	-0.827	-483.68	124.346	124.422	CREST
ML	80	D	124.706	1000	658282	-1.688	-592.42	124.611	124.801	CREST
ML	80	D	125.014	800	659911	1.411	566.974	124.938	125.09	SAG
ML	80	D	125.279	800	661310	-1.188	-673.4	125.203	125.355	CREST
ML	80	D	125.753	800	663813	1.359	588.668	125.677	125.829	SAG
ML	80	D	126.132	1200	665814	2.099	571.701	126.018	126.246	SAG
ML	80	D	126.567	1400	668111	-2.329	-601.12	126.434	126.7	CREST
ML	80	D	127.079	1000	670814	-1.366	-732.06	126.984	127.174	CREST
ML	80	D	127.649	800	673825	1.436	557.103	127.573	127.725	SAG
ML	80	D	128.124	800	676327	-0.752	-1063.8	128.048	128.2	CREST
ML	80	D	128.428	600	677927	0.67	895.522	128.371	128.485	SAG
ML	80	D	128.693	400	679326	-0.716	-558.66	128.655	128.731	CREST
ML	80	D	128.905	600	680441	1.002	598.802	128.848	128.962	SAG
ML	80	D	129.17	800	681841	-1.443	-554.4	129.094	129.246	CREST
ML	80	D	129.455	600	683340	1.301	461.184	129.398	129.512	SAG
ML	80	D	129.682	800	684540	-1.301	-614.91	129.606	129.758	CREST
ML	80	D	129.967	400	686039	0.516	775.194	129.929	130.005	SAG
ML	80	D	130.233	400	687443	0.475	842.105	130.195	130.271	SAG
ML	80	D	130.632	1200	689545	1.58	759.494	130.518	130.746	SAG
ML	80	D	130.878	1200	690844	-2.641	-454.37	130.764	130.992	CREST
ML	80	D	131.248	400	692797	1.068	374.532	131.21	131.286	SAG
ML	80	D	132.971	600	701895	2.17	276.498	132.914	133.028	SAG
ML	80	D	133.435	1800	704345	-2.818	-638.75	133.265	133.605	CREST
ML	80	D	134.192	800	708341	0.716	1117.32	134.116	134.268	SAG
ML	80	D	134.477	2000	709846	3.239	617.475	134.288	134.666	SAG
ML	80	D	134.931	1800	712243	-4.304	-418.22	134.761	135.101	CREST
ML	80	D	135.215	800	713743	3.637	219.962	135.139	135.291	SAG
ML	80	D	135.462	1800	715047	-4.037	-445.88	135.292	135.632	CREST
ML	80	D	135.746	1000	716547	3.9	256.41	135.651	135.841	SAG
ML	80	D	136.181	1600	718843	-3.45	-463.77	136.029	136.333	CREST
ML	80	D	136.56	400	720845	-1.04	-384.62	136.522	136.598	CREST
ML	80	D	136.739	1400	721795	4.298	325.733	136.606	136.872	SAG
ML	80	D	137.26	800	724546	-1.584	-505.05	137.184	137.336	CREST
ML	80	D	137.753	1600	727144	1.914	835.946	137.601	137.905	SAG
ML	80	D	137.98	400	728342	-0.858	-466.2	137.942	138.018	CREST
ML	80	D	138.42	600	730665	-1.18	-508.48	138.363	138.477	CREST
ML	80	D	139.556	400	736663	-0.5	-800	139.518	139.594	CREST
ML	80	D	140.882	1400	743665	3.2	437.5	140.749	141.015	SAG
ML	80	D	141.867	1600	748865	-3.696	-432.9	141.715	142.019	CREST
ML	80	D	142.831	1000	753966	-2.116	-472.59	142.736	142.926	CREST
ML	80	D	143.435	400	757166	-0.285	-1403.5	143.397	143.473	CREST
ML	80	D	143.909	400	759668	0.499	801.603	143.871	143.947	SAG
ML	80	D	144.289	400	761669	0.799	500.626	144.251	144.327	SAG
ML	80	D	144.859	800	764669	-0.768	-1041.7	144.783	144.935	CREST
ML	80	D	145.144	600	766168	1.735	345.821	145.087	145.201	SAG
ML	80	D	145.485	600	767969	-1.168	-513.7	145.428	145.542	CREST
ML	80	D	146.015	600	770767	-0.821	-730.82	145.958	146.072	CREST
ML	80	D	146.374	1200	772662	3.538	339.175	146.26	146.488	SAG
ML	80	D	146.81	600	774965	-0.898	-668.15	146.753	146.867	CREST
ML	80	D	147.227	400	777166	0.359	1114.21	147.189	147.265	SAG
ML	80	D	147.815	1000	780266	-2.265	-441.5	147.72	147.91	CREST
ML	80	D	148.364	1000	783164	2.659	376.081	148.269	148.459	SAG
ML	80	D	148.629	1000	784564	-2.187	-457.25	148.534	148.724	CREST
ML	80	D	149.273	1600	787969	1.306	1225.12	149.121	149.425	SAG
ML	80	D	150.371	800	793767	1.504	531.915	150.295	150.447	SAG
ML	80	D	151.053	1200	797368	-2.964	-404.86	150.939	151.167	CREST
ML	80	D	151.441	500	799416	1.577	317.058	151.394	151.488	SAG
ML	80	D	151.81	600	801365	1.256	477.707	151.753	151.867	SAG
ML	80	D	152.113	1200	802964	-2.459	-488	151.999	152.227	CREST
ML	80	D	152.664	800	805868	1.317	607.441	152.588	152.74	SAG
ML	80	D	153.023	400	807764	0.637	627.943	152.985	153.061	SAG
ML	80	D	153.327	600	809369	-0.859	-698.49	153.27	153.384	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	153.705	600	811365	4.835	124.095	153.648	153.762	SAG
ML	80	D	154.055	1600	813212	-4.352	-367.65	153.903	154.207	CREST
ML	80	D	154.831	1600	817309	-1.131	-1414.7	154.679	154.983	CREST
ML	80	D	155.381	800	820213	1.867	428.495	155.305	155.457	SAG
ML	80	D	155.968	800	823313	-2.219	-360.52	155.892	156.044	CREST
ML	80	D	156.347	800	825314	2.303	347.373	156.271	156.423	SAG
ML	80	D	156.725	2000	827310	-3.32	-602.41	156.536	156.914	CREST
ML	80	D	157.142	800	829512	3.602	222.099	157.066	157.218	SAG
ML	80	D	157.481	800	831304	-0.452	-1769.9	157.405	157.557	CREST
ML	80	D	158.049	800	834303	-2.109	-379.33	157.973	158.125	CREST
ML	80	D	160.979	800	849773	-1.226	-652.53	160.903	161.055	CREST
ML	80	D	161.206	800	850972	0.384	2083.33	161.13	161.282	SAG
ML	80	D	162.002	800	855175	1.224	653.595	161.926	162.078	SAG
ML	80	D	162.627	400	858475	-0.222	-1801.8	162.589	162.665	CREST
ML	80	D	162.873	800	859774	-0.449	-1781.7	162.797	162.949	CREST
ML	80	D	163.46	800	862873	0.676	1183.43	163.384	163.536	SAG
ML	80	D	163.801	800	864673	-0.611	-1309.3	163.725	163.877	CREST
ML	80	D	164.085	800	866173	1	800	164.009	164.161	SAG
ML	80	D	164.767	800	869774	0.417	1918.47	164.691	164.843	SAG
ML	80	D	165.221	800	872171	0.912	877.193	165.145	165.297	SAG
ML	80	D	165.506	800	873676	-0.974	-821.36	165.43	165.582	CREST
ML	80	D	166.093	1600	876775	-1.311	-1220.4	165.941	166.245	CREST
ML	80	D	166.509	800	878972	1.067	749.766	166.433	166.585	SAG
ML	80	D	167.021	800	881675	-1.814	-441.01	166.945	167.097	CREST
ML	80	D	167.21	800	882673	1.49	536.913	167.134	167.286	SAG
ML	80	D	168.63	800	890171	1.128	709.22	168.554	168.706	SAG
ML	80	D	168.858	800	891374	-0.914	-875.27	168.782	168.934	CREST
ML	80	D	169.028	800	892272	-0.999	-800.8	168.952	169.104	CREST
ML	80	D	169.388	800	894173	0.859	931.315	169.312	169.464	SAG
ML	80	D	170.335	800	899173	0.621	1288.25	170.259	170.411	SAG
ML	80	D	170.808	800	901670	-1.589	-503.46	170.732	170.884	CREST
ML	80	D	171.85	600	907172	1.796	334.076	171.793	171.907	SAG
ML	80	D	172.153	800	908772	2.318	345.125	172.077	172.229	SAG
ML	80	D	172.361	1300	909870	-2.281	-569.93	172.238	172.484	CREST
ML	80	D	172.57	600	910974	0.892	672.646	172.513	172.627	SAG
ML	80	D	172.816	600	912273	-1.323	-453.52	172.759	172.873	CREST
ML	80	D	173.138	600	913973	1.979	303.183	173.081	173.195	SAG
ML	80	D	173.413	1800	915425	-4.417	-407.52	173.243	173.583	CREST
ML	80	D	173.678	900	916824	3.017	298.31	173.593	173.763	SAG
ML	80	D	173.895	1400	917970	-2.866	-488.49	173.762	174.028	CREST
ML	80	D	174.199	600	919575	1.704	352.113	174.142	174.256	SAG
ML	80	D	174.852	600	923023	0.805	745.342	174.795	174.909	SAG
ML	80	D	175.182	600	924770	-0.845	-710.06	175.125	175.239	CREST
ML	80	D	175.527	400	926589	1.041	384.246	175.489	175.565	SAG
ML	80	D	175.66	400	927292	-0.53	-754.72	175.622	175.698	CREST
ML	80	D	176.077	400	929493	0.943	424.178	176.039	176.115	SAG
ML	80	D	176.38	1600	931093	-1.626	-984.01	176.228	176.532	CREST
ML	80	D	176.569	400	932091	0.751	532.623	176.531	176.607	SAG
ML	80	D	176.796	400	933290	1.75	228.571	176.758	176.834	SAG
ML	80	D	177.118	1400	934990	-3.362	-416.42	176.985	177.251	CREST
ML	80	D	177.535	400	937192	1.563	255.918	177.497	177.573	SAG
ML	80	D	177.818	400	938691	1.301	307.456	177.78	177.856	SAG
ML	80	D	178.083	400	940090	-1.086	-368.32	178.045	178.121	CREST
ML	80	D	178.311	400	941294	1.157	345.722	178.273	178.349	SAG
ML	80	D	178.575	400	942693	-1.303	-306.98	178.537	178.613	CREST
ML	80	D	179.066	400	945291	1.059	377.715	179.028	179.104	SAG
ML	80	D	179.237	400	946194	-0.432	-925.93	179.199	179.275	CREST
ML	80	D	179.596	400	948090	1.097	364.631	179.558	179.634	SAG
ML	80	D	179.785	1400	949093	-3.22	-434.78	179.652	179.918	CREST
ML	80	D	179.955	400	949990	2.049	195.217	179.917	179.993	SAG
ML	80	D	180.484	400	952787	1.865	214.477	180.446	180.522	SAG
ML	80	D	180.787	1200	954387	-2.888	-415.51	180.673	180.901	CREST
ML	80	D	181.071	400	955887	1.446	276.625	181.033	181.109	SAG
ML	80	D	181.299	400	957091	-1.027	-389.48	181.261	181.337	CREST
ML	80	D	181.905	400	960290	0.541	739.372	181.867	181.943	SAG
ML	80	D	182.279	400	962263	-0.559	-715.56	182.241	182.317	CREST
ML	80	D	182.373	400	962760	2.235	178.971	182.335	182.411	SAG
ML	80	D	182.544	1400	963663	-3.438	-407.21	182.411	182.677	CREST
ML	80	D	182.752	400	964761	2.557	156.433	182.714	182.79	SAG
ML	80	D	183.093	400	966561	-0.312	-1282.1	183.055	183.131	CREST
ML	80	D	183.17	400	966963	0.869	460.299	183.132	183.208	SAG
ML	80	D	183.681	400	969661	2.188	182.815	183.643	183.719	SAG
ML	80	D	184.117	2800	971963	-6.299	-444.52	183.852	184.382	CREST
ML	80	D	184.572	400	974365	1.397	286.328	184.534	184.61	SAG
ML	80	D	184.761	400	975363	0.486	823.045	184.723	184.799	SAG
ML	80	D	185.253	400	977961	-0.241	-1659.8	185.215	185.291	CREST
ML	80	D	186.049	800	982164	-1.282	-624.03	185.973	186.125	CREST
ML	80	D	186.257	400	983262	0.635	629.921	186.219	186.295	SAG
ML	80	D	186.389	600	983959	0.738	813.008	186.332	186.446	SAG
ML	80	D	186.964	600	986963	1.768	339.367	186.907	187.021	SAG
ML	80	D	187.204	1300	988162	-3.314	-392.28	187.081	187.327	CREST
ML	80	D	187.492	600	989762	1.62	370.37	187.435	187.549	SAG
ML	80	D	188.474	400	994963	0.648	617.284	188.436	188.512	SAG
ML	80	D	188.891	800	997159	-1.253	-638.47	188.815	188.967	CREST
ML	80	D	189.081	600	998162	0.638	940.439	189.024	189.138	SAG
ML	80	D	189.319	400	999414	0.389	1028.28	189.281	189.357	SAG
ML	80	D	189.65	400	1001161	-0.423	-945.63	189.612	189.688	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	190.238	1000	1004261	-1.718	-582.07	190.143	190.333	CREST
ML	80	D	190.457	600	1005412	2.595	231.214	190.4	190.514	SAG
ML	80	D	190.845	1200	1007460	-2.072	-579.15	190.731	190.959	CREST
ML	80	D	191.405	1000	1010412	-5.205	-192.12	191.31	191.5	CREST
ML	80	D	191.699	600	1011959	4.994	120.144	191.642	191.756	SAG
ML	80	D	192.055	600	1013835	1.404	427.35	191.998	192.112	SAG
ML	80	D	192.832	800	1017932	-1.012	-790.51	192.756	192.908	CREST
ML	80	D	193.277	800	1020335	1.836	435.73	193.201	193.353	SAG
ML	80	D	194.12	600	1024786	1.62	370.37	194.063	194.177	SAG
ML	80	D	194.499	800	1026787	-0.602	-1328.9	194.423	194.575	CREST
ML	80	D	194.821	800	1028487	-1.897	-421.72	194.745	194.897	CREST
ML	80	D	195.049	1000	1029686	-2.194	-455.79	194.954	195.144	CREST
ML	80	D	195.39	600	1031486	-0.554	-1083	195.333	195.447	CREST
ML	80	D	195.769	600	1033487	0.994	603.622	195.712	195.826	SAG
ML	80	D	195.939	600	1034385	2.195	273.349	195.882	195.996	SAG
ML	80	D	196.137	1000	1035436	-2.102	-475.74	196.042	196.232	CREST
ML	80	D	196.356	800	1036587	4.006	199.7	196.28	196.432	SAG
ML	80	D	196.564	1400	1037685	-3.896	-359.34	196.431	196.697	CREST
ML	80	D	196.848	600	1039184	1.401	428.266	196.791	196.905	SAG
ML	80	D	197.132	800	1040684	-0.894	-894.86	197.056	197.208	CREST
ML	80	D	197.453	600	1042384	0.909	660.066	197.396	197.51	SAG
ML	80	D	197.699	800	1043683	-1.752	-456.62	197.623	197.775	CREST
ML	80	D	197.832	600	1044385	1.761	340.716	197.775	197.889	SAG
ML	80	D	197.983	800	1045183	-1.611	-496.59	197.907	198.059	CREST
ML	80	D	198.126	600	1045938	1.899	315.956	198.069	198.183	SAG
ML	80	D	199.441	800	1052775	-0.561	-1426	199.365	199.517	CREST
ML	80	D	199.762	800	1054470	1.049	762.631	199.686	199.838	SAG
ML	80	D	200.046	800	1055970	-0.067	-11940	199.97	200.122	CREST
ML	80	D	200.501	800	1058372	-0.778	-1028.3	200.425	200.577	CREST
ML	80	D	200.842	400	1060172	0.327	1223.24	200.804	200.88	SAG
ML	80	D	201.164	1100	1061873	-1.987	-553.6	201.06	201.268	CREST
ML	80	D	201.353	600	1062871	2.135	281.03	201.296	201.41	SAG
ML	80	D	201.969	400	1066123	0.664	602.41	201.931	202.007	SAG
ML	80	D	202.869	800	1070875	-0.067	-11940	202.793	202.945	CREST
ML	80	D	203.171	400	1072470	0.37	1081.08	203.133	203.209	SAG
ML	80	D	203.532	800	1074376	-0.913	-876.23	203.456	203.608	CREST
ML	80	D	203.758	800	1075569	3.534	226.372	203.682	203.834	SAG
ML	80	D	204.156	1000	1077670	-3.237	-308.93	204.061	204.251	CREST
ML	80	D	204.556	800	1079772	2.325	344.086	204.48	204.632	SAG
ML	80	D	204.882	800	1081472	-1.957	-408.79	204.806	204.958	CREST
ML	80	D	205.342	800	1083874	3.7	216.216	205.266	205.418	SAG
ML	80	D	205.897	1000	1086773	-3.45	-289.86	205.802	205.992	CREST
ML	80	D	206.215	1900	1088473	-4.08	-465.69	206.035	206.395	CREST
ML	80	D	206.411	600	1089577	2.112	284.091	206.354	206.468	SAG
ML	80	D	206.959	1600	1092470	2.486	643.604	206.807	207.111	SAG
ML	80	D	207.508	1600	1095369	-1.73	-924.86	207.356	207.66	CREST
ML	80	D	208.399	1200	1100073	-2.632	-455.93	208.285	208.513	CREST
ML	80	D	208.692	800	1101620	2.809	284.799	208.616	208.768	SAG
ML	80	D	209.232	800	1104472	1.036	772.201	209.156	209.308	SAG
ML	80	D	209.478	800	1105771	-2.846	-281.1	209.402	209.554	CREST
ML	80	D	210.714	1200	1112276	2.897	414.222	210.6	210.828	SAG
ML	80	D	211.084	800	1114176	0.36	2222.22	211.008	211.16	SAG
ML	80	D	211.158	1400	1114530	-2.339	-598.55	211.025	211.291	CREST
ML	80	D	211.48	400	1116473	1.33	300.752	211.442	211.518	SAG
ML	80	D	211.522	400	1116721	-1.344	-297.62	211.484	211.56	CREST
ML	80	D	211.667	400	1117571	0.363	1101.93	211.629	211.705	SAG
ML	80	D	212.045	400	1119472	-0.514	-778.21	212.007	212.083	CREST
ML	80	D	212.181	600	1120021	-0.198	-3030.3	212.124	212.238	CREST
ML	80	D	212.568	1000	1121648	2.465	405.68	212.473	212.663	SAG
ML	80	D	212.953	700	1124118	-1.645	-425.53	212.887	213.019	CREST
ML	80	D	213.798	1200	1128580	-3.019	-397.48	213.684	213.912	CREST
ML	80	D	214.13	600	1130328	1.391	431.344	214.073	214.187	SAG
ML	80	D	214.509	400	1132329	0.839	476.758	214.471	214.547	SAG
ML	80	D	214.943	1200	1134631	4.536	264.55	214.829	215.057	SAG
ML	80	D	215.343	1550	1136737	-5.492	-282.23	215.196	215.49	CREST
ML	80	D	215.797	600	1139129	1.009	594.648	215.74	215.854	SAG
ML	80	D	215.997	600	1140206	0.729	823.045	215.94	216.054	SAG
ML	80	D	218.017	837	1150875	2.529	330.961	217.938	218.096	SAG
ML	80	D	218.294	1263	1152338	-1.844	-684.92	218.174	218.414	CREST
ML	80	D	218.66	2592	1154270	-4.011	-646.22	218.415	218.905	CREST
ML	80	D	219.112	1608	1156662	5.678	283.198	218.96	219.264	SAG
ML	80	D	219.385	328	1158103	0.425	771.765	219.354	219.416	SAG
ML	80	D	219.698	2490	1159756	-3.776	-659.43	219.462	219.934	CREST
ML	80	D	220.084	820	1162058	2.74	299.27	220.006	220.162	SAG
ML	80	D	220.241	800	1163008	-0.947	-844.77	220.165	220.317	CREST
ML	80	D	220.606	800	1164904	-0.616	-1298.7	220.53	220.682	CREST
ML	80	D	220.985	800	1166905	0.607	1317.96	220.909	221.061	SAG
ML	80	D	221.551	1200	1169508	-1.929	-622.08	221.437	221.665	CREST
ML	80	D	221.945	410	1171605	0.68	602.941	221.906	221.984	SAG
ML	80	D	222.287	800	1173411	0.81	987.654	222.211	222.363	SAG
ML	80	D	222.718	1200	1175688	-1.862	-644.47	222.604	222.832	CREST
ML	80	D	222.946	800	1176892	1.887	423.953	222.87	223.022	SAG
ML	80	D	223.477	1400	1179702	-1.768	-791.86	223.344	223.61	CREST
ML	80	D	224.083	800	1182902	2.178	367.309	224.007	224.159	SAG
ML	80	D	224.707	400	1186202	0.899	444.939	224.669	224.745	SAG
ML	80	D	224.896	800	1187200	-1.002	-798.4	224.82	224.972	CREST
ML	80	D	225.464	400	1190199	0.767	521.512	225.426	225.502	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	226.031	400	1193198	-0.71	-563.38	225.993	226.069	CREST
ML	80	D	226.987	600	1198251	1.309	458.365	226.93	227.044	SAG
ML	80	D	227.64	3000	1201699	-3.91	-767.26	227.356	227.924	CREST
ML	80	D	228.133	1600	1204302	1.864	858.369	227.981	228.285	SAG
ML	80	D	228.528	1600	1206387	-1.736	-921.66	228.376	228.68	CREST
ML	80	D	228.792	800	1207786	1.77	451.977	228.716	228.868	SAG
ML	80	D	228.962	400	1208684	0.445	898.876	228.924	229	SAG
ML	80	D	229.093	400	1209386	0.441	907.029	229.055	229.131	SAG
ML	80	D	229.347	1200	1210748	2.896	414.365	229.233	229.461	SAG
ML	80	D	229.732	1400	1212786	-2.755	-508.17	229.599	229.865	CREST
ML	80	D	230.22	800	1215367	0.854	936.768	230.144	230.296	SAG
ML	80	D	231.22	1600	1220661	-1.024	-1562.5	231.068	231.372	CREST
ML	80	D	231.862	600	1224061	1.787	335.758	231.805	231.919	SAG
ML	80	D	232.24	600	1226062	-0.645	-930.23	232.183	232.297	CREST
ML	80	D	232.957	2000	1229859	-4.135	-483.68	232.768	233.146	CREST
ML	80	D	233.411	1800	1232261	5.543	324.734	233.241	233.581	SAG
ML	80	D	233.686	200	1233713	-0.158	-1265.8	233.667	233.705	CREST
ML	80	D	233.935	40	1235033	-0.286	-139.86	233.931	233.939	CREST
ML	80	D	234.078	750	1235788	-1.18	-635.59	234.007	234.149	CREST
ML	80	D	234.247	750	1236686	-1.182	-634.52	234.176	234.318	CREST
ML	80	D	234.37	400	1237335	-0.598	-668.9	234.332	234.408	CREST
ML	80	D	234.498	50	1238011	-0.177	-282.49	234.493	234.503	CREST
ML	80	D	234.558	200	1238333	0.621	322.061	234.539	234.577	SAG
ML	80	D	234.591	100	1238492	-0.399	-250.63	234.582	234.6	CREST
ML	80	D	234.695	800	1238993	-0.521	-1535.5	234.619	234.771	CREST
ML	80	D	234.971	180	1240514	-0.075	-2400	234.954	234.988	CREST
ML	80	D	235.005	180	1240715	0.058	3103.45	234.988	235.022	SAG
ML	80	D	235.077	60	1241142	0.036	1666.67	235.071	235.083	SAG
ML	80	D	235.115	200	1241364	-0.712	-280.9	235.096	235.134	CREST
ML	80	D	235.157	60	1241612	-0.189	-317.46	235.151	235.163	CREST
ML	80	D	235.234	240	1242056	-0.802	-299.25	235.211	235.257	CREST
ML	80	D	235.555	100	1243592	-0.04	-2500	235.546	235.564	CREST
ML	80	D	235.882	1140	1245218	0.969	1176.47	235.774	235.99	SAG
ML	80	D	236.142	1000	1246591	3.533	283.046	236.047	236.237	SAG
ML	80	D	236.306	100	1247452	-0.592	-168.92	236.297	236.315	CREST
ML	80	D	236.336	100	1247610	-0.204	-490.2	236.327	236.345	CREST
ML	80	D	236.443	800	1248175	-1.598	-500.63	236.367	236.519	CREST
ML	80	D	236.549	150	1248735	-0.798	-187.97	236.535	236.563	CREST
ML	80	D	236.62	150	1249110	-0.476	-315.13	236.606	236.634	CREST
ML	80	D	236.777	1000	1249939	2.499	400.16	236.682	236.872	SAG
ML	80	D	237.078	1000	1251533	-1.431	-698.81	236.983	237.173	CREST
ML	80	D	237.538	200	1253962	-0.01	-20000	237.519	237.557	CREST
ML	80	D	237.765	400	1255161	0.751	532.623	237.727	237.803	SAG
ML	80	D	237.877	500	1255752	1.184	422.297	237.83	237.924	SAG
ML	80	D	238.022	100	1256512	-0.118	-847.46	238.013	238.031	CREST
ML	80	D	238.164	150	1257262	-0.475	-315.79	238.15	238.178	CREST
ML	80	D	238.196	200	1257431	1.075	186.047	238.177	238.215	SAG
ML	80	D	238.23	200	1257611	-0.67	-298.51	238.211	238.249	CREST
ML	80	D	238.287	40	1257912	-0.106	-377.36	238.283	238.291	CREST
ML	80	D	238.35	140	1258249	-0.359	-389.97	238.337	238.363	CREST
ML	80	D	238.457	140	1258814	-0.326	-429.45	238.444	238.47	CREST
ML	80	D	238.549	200	1259301	0.33	606.061	238.53	238.568	SAG
ML	80	D	238.655	100	1259861	-0.216	-462.96	238.646	238.664	CREST
ML	80	D	238.833	800	1260800	-0.618	-1294.5	238.757	238.909	CREST
ML	80	D	238.854	1200	1260911	-0.369	-3252	238.74	238.968	CREST
ML	80	D	238.96	200	1261471	-0.379	-527.7	238.941	238.979	CREST
ML	80	D	239.062	100	1262009	0.275	363.636	239.053	239.071	SAG
ML	80	D	239.129	40	1262363	-0.15	-266.67	239.125	239.133	CREST
ML	80	D	239.348	1000	1263520	1.224	816.993	239.253	239.443	SAG
ML	80	D	239.635	40	1265035	-0.096	-416.67	239.631	239.639	CREST
ML	80	D	239.744	100	1265610	0.223	448.43	239.735	239.753	SAG
ML	80	D	239.847	40	1266154	-0.115	-347.83	239.843	239.851	CREST
ML	80	D	240.271	800	1268393	-0.48	-1666.7	240.195	240.347	CREST
ML	80	D	241.03	1600	1272401	2.274	703.606	240.878	241.182	SAG
ML	80	D	242.007	700	1277559	-1.97	-355.33	241.941	242.073	CREST
ML	80	D	242.429	1650	1279787	2.389	690.666	242.273	242.585	SAG
ML	80	D	243.201	300	1283863	0.255	1176.47	243.173	243.229	SAG
ML	80	D	243.253	250	1284138	-0.45	-555.56	243.229	243.277	CREST
ML	80	D	243.3	250	1284386	0.087	2873.56	243.276	243.324	SAG
ML	80	D	243.352	300	1284661	1.025	292.683	243.324	243.38	SAG
ML	80	D	244.908	3750	1292871	-6.869	-545.93	244.553	245.263	CREST
ML	80	D	245.721	1697	1297164	3.8	446.579	245.56	245.882	SAG
ML	80	D	246.137	2000	1299360	-3.512	-569.48	245.948	246.326	CREST
ML	80	D	247.103	1200	1304461	4.088	293.542	246.989	247.217	SAG
ML	80	D	247.681	1800	1307513	-3.729	-482.7	247.511	247.851	CREST
ML	80	D	247.946	1000	1308912	4.514	221.533	247.851	248.041	SAG
ML	80	D	249.12	2000	1315110	-4.524	-442.09	248.931	249.309	CREST
ML	80	D	249.499	1200	1317112	3.279	365.965	249.385	249.613	SAG
ML	80	D	250.001	1000	1319762	-0.62	-1612.9	249.906	250.096	CREST
ML	80	D	250.735	1600	1323637	2.355	679.406	250.583	250.887	SAG
ML	80	D	251.265	1000	1326435	-2.971	-336.59	251.17	251.36	CREST
ML	80	D	253.046	2000	1335839	2.451	815.993	252.857	253.235	SAG
ML	80	D	253.433	1800	1337888	-1.632	-1102.9	253.263	253.603	CREST
ML	80	D	253.802	1000	1339836	-0.024	-41667	253.707	253.897	CREST
ML	80	D	254.152	2500	1341684	-2.396	-1043.4	253.915	254.389	CREST
ML	80	D	255.07	1000	1346536	2.282	438.212	254.975	255.165	SAG
ML	80	D	255.823	1000	1350512	-1.021	-979.43	255.728	255.918	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	256.205	800	1352534	-0.206	-3883.5	256.129	256.281	CREST
ML	80	D	256.584	800	1354535	0.535	1495.33	256.508	256.66	SAG
ML	80	D	257.229	800	1357936	1.265	632.411	257.153	257.305	SAG
ML	80	D	257.532	1000	1359536	-2.119	-471.92	257.437	257.627	CREST
ML	80	D	258.007	800	1362038	-0.362	-2209.9	257.931	258.083	CREST
ML	80	D	258.48	800	1364536	0.624	1282.05	258.404	258.556	SAG
ML	80	D	259.408	1000	1369436	1.707	585.823	259.313	259.503	SAG
ML	80	D	259.784	1000	1371437	1.126	888.099	259.689	259.879	SAG
ML	80	D	260.485	800	1375133	1.566	510.856	260.409	260.561	SAG
ML	80	D	262.095	2400	1383634	-7.13	-336.61	261.868	262.322	CREST
ML	80	D	262.835	2000	1387535	2.478	807.103	262.646	263.024	SAG
ML	80	D	263.177	1000	1389336	1.726	579.374	263.082	263.272	SAG
ML	80	D	263.669	1000	1391934	3.384	295.508	263.574	263.764	SAG
ML	80	D	264.492	2600	1396284	-5.264	-493.92	264.246	264.738	CREST
ML	80	D	265.165	800	1399843	-0.375	-2133.3	265.089	265.241	CREST
ML	80	D	265.58	800	1402039	-1.543	-518.47	265.504	265.656	CREST
ML	80	D	265.93	1600	1403893	7.395	216.362	265.778	266.082	SAG
ML	80	D	267.188	3600	1410540	-6.256	-575.45	266.847	267.529	CREST
ML	80	D	267.605	800	1412742	2.561	312.378	267.529	267.681	SAG
ML	80	D	267.898	800	1414289	2.232	358.423	267.822	267.974	SAG
ML	80	D	268.249	1600	1416144	-3.185	-502.36	268.097	268.401	CREST
ML	80	D	268.684	800	1418441	-1.009	-792.86	268.608	268.76	CREST
ML	80	D	269.025	800	1420241	1.546	517.464	268.949	269.101	SAG
ML	80	D	269.584	1000	1423193	-2.022	-494.56	269.489	269.679	CREST
ML	80	D	270.077	1200	1425796	4.633	259.011	269.963	270.191	SAG
ML	80	D	270.531	800	1428193	0.614	1302.93	270.455	270.607	SAG
ML	80	D	271.26	2800	1432042	-7.024	-398.63	270.995	271.525	CREST
ML	80	D	271.762	800	1434692	-2.515	-318.09	271.686	271.838	CREST
ML	80	D	272.018	800	1436044	5.545	144.274	271.942	272.094	SAG
ML	80	D	272.557	800	1438890	-0.329	-2431.6	272.481	272.633	CREST
ML	80	D	272.709	800	1439693	3.488	229.358	272.633	272.785	SAG
ML	80	D	273.554	2000	1444148	-3.597	-556.02	273.365	273.743	CREST
ML	80	D	274.085	800	1446952	0.8	1000	274.009	274.161	SAG
ML	80	D	274.642	800	1449898	-0.231	-3463.2	274.566	274.718	CREST
ML	80	D	275.03	800	1451947	2.361	338.839	274.954	275.106	SAG
ML	80	D	275.465	1400	1454249	-2.76	-507.25	275.332	275.598	CREST
ML	80	D	276.194	800	1458098	-1.319	-606.52	276.118	276.27	CREST
ML	80	D	277.009	800	1462401	2.826	283.086	276.933	277.085	SAG
ML	80	D	277.804	1500	1466599	-2.657	-564.55	277.662	277.946	CREST
ML	80	D	278.358	800	1469524	1.594	501.882	278.282	278.434	SAG
ML	80	D	278.898	800	1472375	3.148	254.13	278.822	278.974	SAG
ML	80	D	279.519	800	1475649	-1.135	-704.85	279.443	279.595	CREST
ML	80	D	279.992	800	1478146	0.109	7339.45	279.916	280.068	SAG
ML	80	D	280.561	2600	1481151	-4.807	-540.88	280.315	280.807	CREST
ML	80	D	280.997	600	1483449	-0.571	-1050.8	280.94	281.054	CREST
ML	80	D	281.76	1000	1487451	5.223	191.461	281.665	281.855	SAG
ML	80	D	282.083	800	1489146	0.547	1462.52	282.007	282.159	SAG
ML	80	D	283.803	2400	1498248	-4.165	-576.23	283.576	284.03	CREST
ML	80	D	284.594	600	1502446	1.568	382.653	284.537	284.651	SAG
ML	80	D	285.085	2600	1505049	-1.581	-1644.5	284.839	285.331	CREST
ML	80	D	285.445	1200	1506950	1.406	853.485	285.331	285.559	SAG
ML	80	D	285.976	600	1509748	1.968	304.878	285.919	286.033	SAG
ML	80	D	286.848	1800	1514347	-4.843	-371.67	286.678	287.018	CREST
ML	80	D	287.151	800	1515947	2.014	397.219	287.075	287.227	SAG
ML	80	D	287.492	1000	1517747	-1.697	-589.28	287.397	287.587	CREST
ML	80	D	288.283	600	1521919	1.191	503.778	288.226	288.34	SAG
ML	80	D	288.471	1000	1522911	2.338	427.716	288.376	288.566	SAG
ML	80	D	288.813	1000	1524717	-1.06	-943.4	288.718	288.908	CREST
ML	80	D	289.4	600	1527816	-0.126	-4761.9	289.343	289.457	CREST
ML	80	D	290.221	600	1532167	1.921	312.337	290.164	290.278	SAG
ML	80	D	290.438	1400	1533318	-2.952	-474.26	290.305	290.571	CREST
ML	80	D	290.733	600	1534871	1.459	411.241	290.676	290.79	SAG
ML	80	D	291.121	600	1536919	0.958	626.305	291.064	291.178	SAG
ML	80	D	291.481	600	1538820	-0.99	-606.06	291.424	291.538	CREST
ML	80	D	291.747	600	1540225	-0.208	-2884.6	291.69	291.804	CREST
ML	80	D	292.209	600	1542669	1.234	486.224	292.152	292.266	SAG
ML	80	D	292.541	800	1544422	-1.116	-716.85	292.465	292.617	CREST
ML	80	D	292.828	400	1545937	0.19	2105.26	292.79	292.866	SAG
ML	80	D	293.632	600	1550188	-0.774	-775.19	293.575	293.689	CREST
ML	80	D	293.906	600	1551634	0.965	621.762	293.849	293.963	SAG
ML	80	D	294.854	600	1556640	-0.129	-4651.2	294.797	294.911	CREST
ML	80	D	295.689	600	1561045	-1.259	-476.57	295.632	295.746	CREST
ML	80	D	295.972	1400	1562544	1.318	1062.22	295.839	296.105	SAG
ML	80	D	296.352	600	1564548	0.585	1025.64	296.295	296.409	SAG
ML	80	D	296.674	1000	1566248	-0.44	-2272.7	296.579	296.769	CREST
ML	80	D	297.414	800	1570156	2.778	287.977	297.338	297.49	SAG
ML	80	D	297.68	2000	1571555	-4.708	-424.81	297.491	297.869	CREST
ML	80	D	297.963	800	1573054	2.311	346.17	297.887	298.039	SAG
ML	80	D	298.606	600	1576450	0.412	1456.31	298.549	298.663	SAG
ML	80	D	298.929	800	1578150	-0.747	-1071	298.853	299.005	CREST
ML	80	D	299.408	600	1580674	0.158	3797.47	299.351	299.465	SAG
ML	80	D	299.885	600	1583187	-0.08	-7500	299.828	299.942	CREST
ML	80	D	300.123	600	1584438	-0.567	-1058.2	300.066	300.18	CREST
ML	80	D	300.446	1000	1586138	-1.352	-739.65	300.351	300.541	CREST
ML	80	D	300.768	600	1587839	2.285	262.582	300.711	300.825	SAG
ML	80	D	301.033	600	1589238	0.124	4838.71	300.976	301.09	SAG
ML	80	D	301.819	600	1593388	-0.016	-37500	301.762	301.876	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	302.444	600	1596688	1.25	480	302.387	302.501	SAG
ML	80	D	302.974	1000	1599486	-1.277	-783.09	302.879	303.069	CREST
ML	80	D	303.439	600	1601941	1.1	545.455	303.382	303.496	SAG
ML	80	D	303.723	600	1603441	-1.606	-373.6	303.666	303.78	CREST
ML	80	D	304.13	800	1605590	3.888	205.761	304.054	304.206	SAG
ML	80	D	304.802	3400	1609138	-5.635	-603.37	304.48	305.124	CREST
ML	80	D	305.515	600	1612902	1.578	380.228	305.458	305.572	SAG
ML	80	D	306.007	400	1615500	-0.056	-7142.9	305.969	306.045	CREST
ML	80	D	306.319	600	1617147	1.178	509.338	306.262	306.376	SAG
ML	80	D	306.575	1600	1618499	-2.187	-731.6	306.423	306.727	CREST
ML	80	D	307.03	800	1620901	1.029	777.454	306.954	307.106	SAG
ML	80	D	307.579	600	1623800	-0.46	-1304.3	307.522	307.636	CREST
ML	80	D	308.261	800	1627401	-0.462	-1731.6	308.185	308.337	CREST
ML	80	D	309.112	600	1631899	0.749	801.068	309.055	309.169	SAG
ML	80	D	309.624	600	1634603	0.386	1554.4	309.567	309.681	SAG
ML	80	D	310.632	400	1639910	0.485	824.742	310.594	310.67	SAG
ML	80	D	310.948	600	1641610	1.841	325.91	310.891	311.005	SAG
ML	80	D	311.251	2420	1643205	-4.423	-547.14	311.022	311.48	CREST
ML	80	D	311.573	980	1644910	3.984	245.984	311.48	311.666	SAG
ML	80	D	311.876	2000	1646505	-3.366	-594.18	311.687	312.065	CREST
ML	80	D	312.121	500	1647809	1.46	342.466	312.074	312.168	SAG
ML	80	D	312.501	400	1649808	0.585	683.761	312.463	312.539	SAG
ML	80	D	312.674	492	1650727	1.595	308.464	312.627	312.721	SAG
ML	80	D	313.023	2723	1652549	-3.078	-884.67	312.765	313.281	CREST
ML	80	D	313.435	541	1654745	1.834	294.984	313.384	313.486	SAG
ML	80	D	314.615	400	1660976	0.706	566.572	314.577	314.653	SAG
ML	80	D	315.807	400	1667275	0.653	612.557	315.769	315.845	SAG
ML	80	D	316.584	200	1671377	-0.318	-628.93	316.565	316.603	CREST
ML	80	D	317.664	600	1677067	1.428	420.168	317.607	317.721	SAG
ML	80	D	317.892	800	1678265	-0.364	-2197.8	317.816	317.968	CREST
ML	80	D	318.678	800	1682415	-1.052	-760.46	318.602	318.754	CREST
ML	80	D	318.934	600	1683774	1.094	548.446	318.877	318.991	SAG
ML	80	D	319.218	1000	1685274	2.302	434.405	319.123	319.313	SAG
ML	80	D	319.615	400	1687375	-0.032	-12500	319.577	319.653	CREST
ML	80	D	320.37	400	1691372	-0.581	-688.47	320.332	320.408	CREST
ML	80	D	321.126	600	1695374	0.516	1162.79	321.069	321.183	SAG
ML	80	D	321.961	1200	1699772	-1.376	-872.09	321.847	322.075	CREST
ML	80	D	322.284	1200	1701473	-1.354	-886.26	322.17	322.398	CREST
ML	80	D	322.701	600	1703674	0.538	1115.24	322.644	322.758	SAG
ML	80	D	323.06	1400	1705575	-2.351	-595.49	322.927	323.193	CREST
ML	80	D	323.411	1800	1707423	-3.561	-505.48	323.241	323.581	CREST
ML	80	D	323.893	1000	1709952	3.351	298.418	323.798	323.988	SAG
ML	80	D	324.189	400	1711508	-0.748	-534.76	324.151	324.227	CREST
ML	80	D	324.398	400	1712611	0.425	941.176	324.36	324.436	SAG
ML	80	D	325.934	1400	1720682	-3.226	-433.97	325.801	326.067	CREST
ML	80	D	326.343	800	1722831	2.789	286.841	326.267	326.419	SAG
ML	80	D	326.901	1400	1725762	-2.546	-549.88	326.768	327.034	CREST
ML	80	D	327.292	1200	1727816	2.707	443.295	327.178	327.406	SAG
ML	80	D	327.558	800	1729215	-0.735	-1088.4	327.482	327.634	CREST
ML	80	D	327.939	800	1731217	2.285	350.109	327.863	328.015	SAG
ML	80	D	328.167	1000	1732415	-3.504	-285.39	328.072	328.262	CREST
ML	80	D	328.396	600	1733614	2.767	216.841	328.339	328.453	SAG
ML	80	D	328.587	1000	1734617	-2.128	-469.93	328.492	328.682	CREST
ML	80	D	328.91	400	1736317	0.874	457.666	328.872	328.948	SAG
ML	80	D	329.454	700	1739216	-1.032	-678.3	329.388	329.52	CREST
ML	80	D	329.762	1000	1740816	-1.084	-922.51	329.667	329.857	CREST
ML	80	D	330.174	800	1743017	2.39	334.728	330.098	330.25	SAG
ML	80	D	330.566	1000	1745113	-1.685	-593.47	330.471	330.661	CREST
ML	80	D	330.85	400	1746613	0.736	543.478	330.812	330.888	SAG
ML	80	D	331.278	400	1748868	-1.16	-344.83	331.24	331.316	CREST
ML	80	D	332.285	400	1754169	2.137	187.178	332.247	332.323	SAG
ML	80	D	332.446	400	1755019	-0.956	-418.41	332.408	332.484	CREST
ML	80	D	332.693	600	1756318	-1.193	-502.93	332.636	332.75	CREST
ML	80	D	332.959	400	1757717	1.651	242.277	332.921	332.997	SAG
ML	80	D	333.851	600	1762416	-0.883	-679.5	333.794	333.908	CREST
ML	80	D	334.421	400	1765415	0.738	542.005	334.383	334.459	SAG
ML	80	D	335.636	400	1771840	-0.685	-583.94	335.598	335.674	CREST
ML	80	D	336.102	400	1774338	0.02	20000	336.064	336.14	SAG
ML	80	D	336.384	400	1775843	-0.405	-987.65	336.346	336.422	CREST
ML	80	D	336.682	400	1777440	1.473	271.555	336.644	336.72	SAG
ML	80	D	337.187	600	1780138	-1.406	-426.74	337.13	337.244	CREST
ML	80	D	337.562	400	1782139	0.473	845.666	337.524	337.6	SAG
ML	80	D	337.917	400	1784040	0.757	528.402	337.879	337.955	SAG
ML	80	D	338.795	1000	1788727	1.712	584.112	338.7	338.89	SAG
ML	80	D	339.152	500	1790633	-0.944	-529.66	339.105	339.199	CREST
ML	80	D	339.376	700	1791827	-2.773	-252.43	339.31	339.442	CREST
ML	80	D	340.058	800	1795433	2.773	288.496	339.982	340.134	SAG
ML	80	D	340.436	1600	1797429	-2.854	-560.62	340.284	340.588	CREST
ML	80	D	340.966	800	1800232	2.654	301.432	340.89	341.042	SAG
ML	80	D	341.628	1400	1803728	-2.867	-488.32	341.495	341.761	CREST
ML	80	D	341.875	800	1805032	2.817	283.99	341.799	341.951	SAG
ML	80	D	342.102	1600	1806231	-3.752	-426.44	341.95	342.254	CREST
ML	80	D	342.83	1400	1809979	5.213	268.559	342.697	342.963	SAG
ML	80	D	343.56	1000	1813860	-3.721	-268.75	343.465	343.655	CREST
ML	80	D	344.481	300	1818760	1.243	241.352	344.453	344.509	SAG
ML	80	D	344.763	200	1820259	-0.761	-262.81	344.744	344.782	CREST
ML	80	D	345.282	300	1823019	0.841	356.718	345.254	345.31	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	345.584	400	1824618	-1.47	-272.11	345.546	345.622	CREST
ML	80	D	345.755	600	1825521	2.312	259.516	345.698	345.812	SAG
ML	80	D	346.03	300	1826968	0.982	305.499	346.002	346.058	SAG
ML	80	D	346.477	800	1829325	-3.067	-260.84	346.401	346.553	CREST
ML	80	D	346.811	400	1831094	0.602	664.452	346.773	346.849	SAG
ML	80	D	347.36	400	1833992	-0.25	-1600	347.322	347.398	CREST
ML	80	D	347.606	200	1835291	-0.521	-383.88	347.587	347.625	CREST
ML	80	D	347.889	600	1836791	2.029	295.712	347.832	347.946	SAG
ML	80	D	348.42	400	1839594	-1.069	-374.18	348.382	348.458	CREST
ML	80	D	349.575	400	1845693	0.806	496.278	349.537	349.613	SAG
ML	80	D	350.144	800	1848692	-1.649	-485.14	350.068	350.22	CREST
ML	80	D	350.617	800	1851189	1.735	461.095	350.541	350.693	SAG
ML	80	D	350.921	400	1852794	-0.569	-702.99	350.883	350.959	CREST
ML	80	D	351.338	800	1854996	-1.079	-741.43	351.262	351.414	CREST
ML	80	D	351.678	400	1856791	0.705	567.376	351.64	351.716	SAG
ML	80	D	352.721	400	1862293	1.29	310.078	352.683	352.759	SAG
ML	80	D	353.005	800	1863793	-2.002	-399.6	352.929	353.081	CREST
ML	80	D	353.289	200	1865292	1.002	199.601	353.27	353.308	SAG
ML	80	D	353.952	400	1868793	0.561	713.012	353.914	353.99	SAG
ML	80	D	354.426	800	1871296	-1.451	-551.34	354.35	354.502	CREST
ML	80	D	354.822	600	1873392	2.094	286.533	354.765	354.879	SAG
ML	80	D	355.788	800	1878492	-1.415	-565.37	355.712	355.864	CREST
ML	80	D	356.223	200	1880789	0.421	475.059	356.204	356.242	SAG
ML	80	D	357.018	400	1884992	0.799	500.626	356.98	357.056	SAG
ML	80	D	357.454	600	1887294	-0.513	-1169.6	357.397	357.511	CREST
ML	80	D	357.852	1000	1889395	-1.997	-500.75	357.757	357.947	CREST
ML	80	D	358.211	800	1891291	1.166	686.106	358.135	358.287	SAG
ML	80	D	358.48	400	1892790	-0.331	-1208.5	358.442	358.518	CREST
ML	80	D	358.733	600	1894049	2.338	256.63	358.676	358.79	SAG
ML	80	D	358.944	400	1895147	1.72	232.558	358.906	358.982	SAG
ML	80	D	359.127	1400	1896050	-4.457	-314.11	358.994	359.26	CREST
ML	80	D	359.727	800	1899297	3.108	257.4	359.651	359.803	SAG
ML	80	D	360.035	1100	1900849	-3.149	-349.32	359.931	360.139	CREST
ML	80	D	360.209	900	1901847	3.548	253.664	360.124	360.294	SAG
ML	80	D	360.426	1000	1902998	-1.708	-585.48	360.331	360.521	CREST
ML	80	D	360.74	400	1904651	0.948	421.941	360.702	360.778	SAG
ML	80	D	361.612	600	1909250	-0.73	-821.92	361.555	361.669	CREST
ML	80	D	362.204	1115	1912381	-3.418	-326.21	362.098	362.31	CREST
ML	80	D	362.401	722	1913416	2.671	270.311	362.333	362.469	SAG
ML	80	D	362.955	1000	1916347	-0.2	-5000	362.86	363.05	CREST
ML	80	D	363.146	1000	1917351	0.957	1044.93	363.051	363.241	SAG
ML	80	D	364.002	394	1922157	1.048	375.954	363.965	364.039	SAG
ML	80	D	364.095	525	1922648	-0.423	-1241.1	364.045	364.145	CREST
ML	80	D	364.901	1200	1926903	-0.613	-1957.6	364.787	365.015	CREST
ML	80	D	365.704	1200	1931143	-2.295	-522.88	365.59	365.818	CREST
ML	80	D	366.101	1000	1933239	2.337	427.899	366.006	366.196	SAG
ML	80	D	366.992	800	1937942	1.741	459.506	366.916	367.068	SAG
ML	80	D	367.424	400	1940224	-0.979	-408.58	367.386	367.462	CREST
ML	80	D	367.873	1400	1942595	2.26	619.469	367.74	368.006	SAG
ML	80	D	368.613	1500	1946497	-3.313	-452.76	368.471	368.755	CREST
ML	80	D	369.964	1200	1953629	-0.66	-1818.2	369.85	370.078	CREST
ML	80	D	370.306	1200	1955429	1	1200	370.192	370.42	SAG
ML	80	D	370.646	1000	1957230	-0.502	-1992	370.551	370.741	CREST
ML	80	D	371.485	1000	1961659	0.29	3448.28	371.39	371.58	SAG
ML	80	D	372.215	700	1965508	0.849	824.499	372.149	372.281	SAG
ML	80	D	372.526	800	1967154	-0.839	-953.52	372.45	372.602	CREST
ML	80	D	373.34	400	1971451	-0.466	-858.37	373.302	373.378	CREST
ML	80	D	373.568	400	1972650	0.395	1012.66	373.53	373.606	SAG
ML	80	D	374.724	1000	1978754	-1.34	-746.27	374.629	374.819	CREST
ML	80	D	375.084	1400	1980655	2.48	564.516	374.951	375.217	SAG
ML	80	D	375.368	1366	1982154	-2.534	-539.07	375.239	375.497	CREST
ML	80	D	375.671	400	1983754	1.649	242.571	375.633	375.709	SAG
ML	80	D	376.049	400	1985750	0.701	570.613	376.011	376.087	SAG
ML	80	D	376.427	600	1987751	-1.42	-422.54	376.37	376.484	CREST
ML	80	D	376.834	400	1989900	1.47	272.109	376.796	376.872	SAG
ML	80	D	377.071	400	1991151	0.734	544.959	377.033	377.109	SAG
ML	80	D	377.354	1498	1992651	-3.278	-456.99	377.212	377.496	CREST
ML	80	D	377.62	400	1994050	1.66	240.964	377.582	377.658	SAG
ML	80	D	378.245	1000	1997350	-2.008	-498.01	378.15	378.34	CREST
ML	80	D	378.511	400	1998754	2.133	187.529	378.473	378.549	SAG
ML	80	D	379.458	400	2003755	-1.044	-383.14	379.42	379.496	CREST
ML	80	D	379.647	400	2004752	0.763	524.246	379.609	379.685	SAG
ML	80	D	380.149	400	2007403	1.461	273.785	380.111	380.187	SAG
ML	80	D	380.357	1484	2008501	-2.821	-526.06	380.216	380.498	CREST
ML	80	D	380.584	400	2009700	1.686	237.248	380.546	380.622	SAG
ML	80	D	381.124	400	2012551	0.981	407.747	381.086	381.162	SAG
ML	80	D	381.38	700	2013903	-1.322	-529.5	381.314	381.446	CREST
ML	80	D	382.563	400	2020149	-0.28	-1428.6	382.525	382.601	CREST
ML	80	D	383.028	400	2022604	1.223	327.065	382.99	383.066	SAG
ML	80	D	383.359	1800	2024352	-3.369	-534.28	383.189	383.529	CREST
ML	80	D	383.567	400	2025455	2.749	145.507	383.529	383.605	SAG
ML	80	D	383.794	400	2026654	0.691	578.871	383.756	383.832	SAG
ML	80	D	384.059	900	2028053	-1.87	-481.28	383.974	384.144	CREST
ML	80	D	384.446	400	2030102	1.165	343.348	384.408	384.484	SAG
ML	80	D	384.882	400	2032404	-0.61	-655.74	384.844	384.92	CREST
ML	80	D	385.534	400	2035852	-0.65	-615.39	385.496	385.572	CREST
ML	80	D	385.924	400	2037906	2.217	180.424	385.886	385.962	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	D	386.981	1200	2043476	-2.573	-466.38	386.867	387.095	CREST
ML	80	D	387.948	400	2048572	2.379	168.138	387.91	387.986	SAG
ML	80	D	388.175	400	2049771	2.575	155.34	388.137	388.213	SAG
ML	80	D	388.384	800	2050874	-2.527	-316.58	388.308	388.46	CREST
ML	80	D	388.913	400	2053673	-0.824	-485.44	388.875	388.951	CREST
ML	80	D	390.967	1000	2064523	-1.37	-729.93	390.872	391.062	CREST
ML	80	D	391.385	1000	2066720	-1.289	-775.8	391.29	391.48	CREST
ML	80	D	391.772	400	2068774	2.549	156.924	391.734	391.81	SAG
ML	80	D	396.206	800	2092181	1.856	431.034	396.13	396.282	SAG
ML	80	D	396.452	1600	2093480	-3.513	-455.45	396.3	396.604	CREST
ML	80	D	396.719	800	2094890	1.687	474.215	396.643	396.795	SAG
ML	80	D	400.372	800	2114178	1.692	472.813	400.296	400.448	SAG
ML	80	D	400.599	1500	2115377	-3.331	-450.32	400.457	400.741	CREST
ML	80	D	400.845	800	2116675	2.366	338.123	400.769	400.921	SAG
ML	80	D	401.11	800	2118075	3.103	257.815	401.034	401.186	SAG
ML	80	D	401.451	2000	2119875	-3.931	-508.78	401.262	401.64	CREST
ML	80	D	401.904	600	2122272	1.373	436.999	401.847	401.961	SAG
ML	80	D	402.133	1400	2123476	-3.192	-438.6	402	402.266	CREST
ML	80	D	402.549	600	2125678	2.361	254.13	402.492	402.606	SAG
ML	80	I	0.081	400	433	-0.403	-992.56	0.04312	0.11888	CREST
ML	80	I	0.173	600	929	1.615	371.517	0.11618	0.22982	SAG
ML	80	I	0.467	2000	2497	-2.126	-940.73	0.27761	0.65639	CREST
ML	80	I	0.612	200	3263	-0.081	-2469.1	0.59306	0.63094	CREST
ML	80	I	0.65	200	3464	0.315	634.921	0.63106	0.66894	SAG
ML	80	I	1.04	800	5523	1.517	527.357	0.96424	1.11576	SAG
ML	80	I	1.765	1600	9346	-3.289	-486.47	1.61348	1.91652	CREST
ML	80	I	2.143	800	11344	3.024	264.55	2.06724	2.21876	SAG
ML	80	I	2.408	800	12743	-1.173	-682.01	2.33224	2.48376	CREST
ML	80	I	2.66	600	14073	1.554	386.1	2.60318	2.71682	SAG
ML	80	I	2.819	1000	14913	-0.735	-1360.5	2.7243	2.9137	CREST
ML	80	I	2.906	1000	15372	3.207	311.818	2.8113	3.0007	SAG
ML	80	I	3.73	1000	19723	-3.717	-269.03	3.6353	3.8247	CREST
ML	80	I	4.183	1000	22120	-2.69	-371.75	4.0883	4.2777	CREST
ML	80	I	4.761	1500	25172	5.663	264.877	4.61895	4.90305	SAG
ML	80	I	5.205	1700	27522	-6.385	-266.25	5.04402	5.36598	CREST
ML	80	I	5.519	800	29169	5.564	143.781	5.44324	5.59476	SAG
ML	80	I	5.803	600	30674	-2.185	-274.6	5.74618	5.85982	CREST
ML	80	I	6.445	400	34063	1.877	213.106	6.40712	6.48288	SAG
ML	80	I	6.73	1000	35545	-2.052	-487.33	6.6353	6.8247	CREST
ML	80	I	6.996	400	36945	0.952	420.168	6.95812	7.03388	SAG
ML	80	I	7.582	400	40044	0.822	486.618	7.54412	7.61988	SAG
ML	80	I	8.132	400	42948	0.115	3478.26	8.09412	8.16988	SAG
ML	80	I	8.472	800	44748	-1.025	-780.49	8.39624	8.54776	CREST
ML	80	I	8.68	400	45847	-0.665	-601.5	8.64212	8.71788	CREST
ML	80	I	8.869	600	46845	0.619	969.305	8.81218	8.92582	SAG
ML	80	I	9.285	400	49046	-0.517	-773.69	9.24712	9.32288	CREST
ML	80	I	9.38	400	49548	0.531	753.296	9.34212	9.41788	SAG
ML	80	I	9.494	600	50150	0.852	704.225	9.43718	9.55082	SAG
ML	80	I	9.91	400	52346	0.567	705.467	9.87212	9.94788	SAG
ML	80	I	10.136	800	53545	-1.521	-525.97	10.0602	10.2118	CREST
ML	80	I	10.382	400	54844	0.768	520.833	10.3441	10.4199	SAG
ML	80	I	10.932	200	57748	1.141	175.285	10.9131	10.9509	SAG
ML	80	I	11.827	200	62468	0.016	12500	11.8081	11.8459	SAG
ML	80	I	12.073	200	63767	-0.037	-5405.4	12.0541	12.0919	CREST
ML	80	I	12.396	600	65466	2.472	242.718	12.3392	12.4528	SAG
ML	80	I	12.528	400	66163	0.135	2962.96	12.4901	12.5659	SAG
ML	80	I	12.604	400	66565	0.064	6250	12.5661	12.6419	SAG
ML	80	I	12.699	400	67066	0.197	2030.46	12.6611	12.7369	SAG
ML	80	I	12.775	400	67467	0.024	16666.7	12.7371	12.8129	SAG
ML	80	I	12.944	400	68365	-0.024	-16667	12.9061	12.9819	CREST
ML	80	I	13.02	400	68766	-0.178	-2247.2	12.9821	13.0579	CREST
ML	80	I	13.209	500	69764	0.37	1351.35	13.1617	13.2563	SAG
ML	80	I	13.304	500	70266	-0.286	-1748.3	13.2567	13.3513	CREST
ML	80	I	13.454	400	71063	0.089	4494.38	13.4161	13.4919	SAG
ML	80	I	13.663	1420	72167	-5.906	-240.43	13.5285	13.7975	CREST
ML	80	I	13.911	400	73465	0.178	2247.19	13.8731	13.9489	SAG
ML	80	I	13.986	400	73867	-0.284	-1408.5	13.9481	14.0239	CREST
ML	80	I	14.316	1000	75614	-3.546	-282.01	14.2213	14.4107	CREST
ML	80	I	14.705	400	77668	-0.033	-12121	14.6671	14.7429	CREST
ML	80	I	14.894	200	78666	-0.122	-1639.3	14.8751	14.9129	CREST
ML	80	I	15.102	200	79765	0.121	1652.89	15.0831	15.1209	SAG
ML	80	I	15.406	400	81370	-0.097	-4123.7	15.3681	15.4439	CREST
ML	80	I	15.555	800	82156	2.884	277.393	15.4792	15.6308	SAG
ML	80	I	15.69	400	82869	0.815	490.798	15.6521	15.7279	SAG
ML	80	I	15.784	600	83365	-0.557	-1077.2	15.7272	15.8408	CREST
ML	80	I	15.918	600	84068	-0.192	-3125	15.8612	15.9748	CREST
ML	80	I	16.069	400	84865	-0.015	-26667	16.0311	16.1069	CREST
ML	80	I	16.24	400	85768	-0.093	-4301.1	16.2021	16.2779	CREST
ML	80	I	16.372	400	86465	0.27	1481.48	16.3341	16.4099	SAG
ML	80	I	16.562	200	87468	-0.049	-4081.6	16.5431	16.5809	CREST
ML	80	I	16.827	400	88867	0.4	1000	16.7891	16.8649	SAG
ML	80	I	16.903	200	89269	-0.205	-975.61	16.8841	16.9219	CREST
ML	80	I	17.073	400	90166	0.081	4938.27	17.0351	17.1109	SAG
ML	80	I	17.239	600	91043	-1.035	-579.71	17.1822	17.2958	CREST
ML	80	I	17.727	500	93623	2.299	217.486	17.6797	17.7743	SAG
ML	80	I	17.731	400	93644	2.278	175.593	17.6931	17.7689	SAG
ML	80	I	18.091	200	95540	-0.337	-593.47	18.0721	18.1099	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	18.264	200	96443	0.276	724.638	18.2451	18.2829	SAG
ML	80	I	18.602	200	98243	0.358	558.659	18.5831	18.6209	SAG
ML	80	I	18.701	600	98766	3.799	157.936	18.6442	18.7578	SAG
ML	80	I	18.943	200	100044	0.218	917.431	18.9241	18.9619	SAG
ML	80	I	19.132	200	101042	-0.337	-593.47	19.1131	19.1509	CREST
ML	80	I	19.274	800	101791	-3.166	-252.69	19.1982	19.3498	CREST
ML	80	I	19.435	200	102641	0.199	1005.03	19.4161	19.4539	SAG
ML	80	I	19.686	800	103967	4.272	187.266	19.6102	19.7618	SAG
ML	80	I	19.975	400	105493	-0.554	-722.02	19.9371	20.0129	CREST
ML	80	I	20.098	200	106142	0.389	514.139	20.0791	20.1169	SAG
ML	80	I	20.268	400	107040	0.562	711.744	20.2301	20.3059	SAG
ML	80	I	20.387	400	107668	-0.487	-821.36	20.3491	20.4249	CREST
ML	80	I	20.562	200	108592	-0.087	-2298.9	20.5431	20.5809	CREST
ML	80	I	20.846	2450	110092	-10.035	-244.15	20.614	21.078	CREST
ML	80	I	21.414	200	113091	0.189	1058.2	21.3951	21.4329	SAG
ML	80	I	21.5	200	113545	-0.174	-1149.4	21.4811	21.5189	CREST
ML	80	I	22.115	200	116792	0.037	5405.41	22.0961	22.1339	SAG
ML	80	I	22.286	200	117695	-0.224	-892.86	22.2671	22.3049	CREST
ML	80	I	22.428	700	118444	2.951	237.208	22.3617	22.4943	SAG
ML	80	I	22.579	400	119242	0.254	1574.8	22.5411	22.6169	SAG
ML	80	I	22.825	600	120541	-0.634	-946.37	22.7682	22.8818	CREST
ML	80	I	23.091	200	121945	0.296	675.676	23.0721	23.1099	SAG
ML	80	I	23.342	600	123270	1.337	448.766	23.2852	23.3988	SAG
ML	80	I	23.515	400	124168	-1.956	-204.5	23.4771	23.5529	CREST
ML	80	I	23.643	200	124844	0.233	858.369	23.6241	23.6619	SAG
ML	80	I	23.771	400	125541	-0.468	-854.7	23.7331	23.8089	CREST
ML	80	I	23.864	450	126042	2.696	166.914	23.8214	23.9066	SAG
ML	80	I	23.94	450	126444	2.518	178.713	23.8974	23.9826	SAG
ML	80	I	24.017	200	126840	-0.311	-643.09	23.9981	24.0359	CREST
ML	80	I	24.417	800	128946	-0.682	-1173	24.3412	24.4928	CREST
ML	80	I	24.804	200	130990	-0.03	-6666.7	24.7851	24.8229	CREST
ML	80	I	24.88	200	131391	0.336	595.238	24.8611	24.8989	SAG
ML	80	I	25.306	400	133640	0.957	417.973	25.2681	25.3439	SAG
ML	80	I	26.083	400	137743	-0.295	-1355.9	26.0451	26.1209	CREST
ML	80	I	26.178	600	138244	2.986	200.938	26.1212	26.2348	SAG
ML	80	I	27.71	2000	146333	-5.626	-355.49	27.5206	27.8994	CREST
ML	80	I	28.386	600	149903	-1.605	-373.83	28.3292	28.4428	CREST
ML	80	I	28.77	800	151904	3.67	217.984	28.6942	28.8458	SAG
ML	80	I	29.128	1000	153804	-2.841	-351.99	29.0333	29.2227	CREST
ML	80	I	29.487	400	155705	1.733	230.814	29.4491	29.5249	SAG
ML	80	I	29.789	600	157305	-1.75	-342.86	29.7322	29.8458	CREST
ML	80	I	30.092	700	158905	1.301	538.048	30.0257	30.1583	SAG
ML	80	I	30.509	2000	161107	-2.462	-812.35	30.3196	30.6984	CREST
ML	80	I	31.873	1000	168303	-0.151	-6622.5	31.7783	31.9677	CREST
ML	80	I	32.86	800	173504	3.082	259.572	32.7842	32.9358	SAG
ML	80	I	33.311	1000	175907	-2.35	-425.53	33.2163	33.4057	CREST
ML	80	I	34.44	600	181857	1.488	403.226	34.3832	34.4968	SAG
ML	80	I	34.764	600	183560	-0.858	-699.3	34.7072	34.8208	CREST
ML	80	I	35.719	1000	188607	-1.696	-589.62	35.6243	35.8137	CREST
ML	80	I	36.193	1000	191105	4.304	232.342	36.0983	36.2877	SAG
ML	80	I	37.002	600	195361	-1.163	-515.91	36.9452	37.0588	CREST
ML	80	I	37.323	1000	197061	-2.654	-376.79	37.2283	37.4177	CREST
ML	80	I	37.738	800	199257	1.831	436.92	37.6622	37.8138	SAG
ML	80	I	38.059	400	200957	1.554	257.4	38.0211	38.0969	SAG
ML	80	I	38.419	1600	202858	-3.395	-471.28	38.2675	38.5705	CREST
ML	80	I	38.854	2000	205160	3.263	612.933	38.6646	39.0434	SAG
ML	80	I	39.515	1000	208661	-1.709	-585.14	39.4203	39.6097	CREST
ML	80	I	39.898	1000	210657	-1.883	-531.07	39.8033	39.9927	CREST
ML	80	I	40.178	1200	212156	2.317	517.911	40.0644	40.2916	SAG
ML	80	I	41.219	800	217658	-0.545	-1467.9	41.1432	41.2948	CREST
ML	80	I	41.447	400	218862	0.216	1851.85	41.4091	41.4849	SAG
ML	80	I	41.788	1000	220657	3.224	310.174	41.6933	41.8827	SAG
ML	80	I	42.263	2400	223160	-3.819	-628.44	42.0357	42.4903	CREST
ML	80	I	43.171	1000	227959	2.764	361.795	43.0763	43.2657	SAG
ML	80	I	43.512	1600	229760	-3.045	-525.45	43.3605	43.6635	CREST
ML	80	I	43.834	600	231460	1.196	501.672	43.7772	43.8908	SAG
ML	80	I	44.166	600	233213	-0.648	-925.93	44.1092	44.2228	CREST
ML	80	I	44.478	600	234860	0.813	738.007	44.4212	44.5348	SAG
ML	80	I	44.724	800	236159	1.399	571.837	44.6482	44.7998	SAG
ML	80	I	45.027	400	237759	-0.633	-631.91	44.9891	45.0649	CREST
ML	80	I	45.463	600	240061	1.758	341.297	45.4062	45.5198	SAG
ML	80	I	45.766	1200	241661	-2.444	-491	45.6524	45.8796	CREST
ML	80	I	46.56	1000	245858	-1.782	-561.17	46.4653	46.6547	CREST
ML	80	I	47.026	600	248308	1.821	329.489	46.9692	47.0828	SAG
ML	80	I	47.359	600	250061	1.543	388.853	47.3022	47.4158	SAG
ML	80	I	47.83	600	252559	-0.741	-809.72	47.7732	47.8868	CREST
ML	80	I	48.075	800	253863	1.54	519.481	47.9992	48.1508	SAG
ML	80	I	48.396	1400	255563	-2.95	-474.58	48.2634	48.5286	CREST
ML	80	I	49.016	400	258826	-0.197	-2030.5	48.9781	49.0539	CREST
ML	80	I	49.132	600	259436	2.501	239.904	49.0752	49.1888	SAG
ML	80	I	49.426	600	260988	-0.952	-630.25	49.3692	49.4828	CREST
ML	80	I	49.804	600	262984	-1.153	-520.38	49.7472	49.8608	CREST
ML	80	I	50.181	600	264977	1.907	314.63	50.1242	50.2378	SAG
ML	80	I	50.427	400	266276	1.155	346.32	50.3891	50.4649	SAG
ML	80	I	50.673	400	267575	-0.867	-461.36	50.6351	50.7109	CREST
ML	80	I	51.185	1000	270278	-2.328	-429.55	51.0903	51.2797	CREST
ML	80	I	51.763	1200	273330	3.897	307.929	51.6494	51.8766	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	52.813	1400	278874	-2.812	-497.87	52.6804	52.9456	CREST
ML	80	I	54.044	1000	285368	-1.429	-699.79	53.9493	54.1387	CREST
ML	80	I	54.46	600	287565	1.53	392.157	54.4032	54.5168	SAG
ML	80	I	54.964	400	290221	0.082	4878.05	54.9261	55.0019	SAG
ML	80	I	55.162	400	291266	-1.13	-353.98	55.1241	55.1999	CREST
ML	80	I	55.466	600	292871	1.931	310.72	55.4092	55.5228	SAG
ML	80	I	55.883	800	295068	-1.88	-425.53	55.8072	55.9588	CREST
ML	80	I	56.318	400	297364	1.195	334.728	56.2801	56.3559	SAG
ML	80	I	56.585	600	298769	-1.109	-541.03	56.5282	56.6418	CREST
ML	80	I	56.926	600	300569	1.438	417.246	56.8692	56.9828	SAG
ML	80	I	57.506	800	303712	-1.682	-475.62	57.4302	57.5818	CREST
ML	80	I	57.763	400	305116	1.355	295.203	57.7251	57.8009	SAG
ML	80	I	57.983	400	306315	-0.833	-480.19	57.9451	58.0209	CREST
ML	80	I	58.148	400	307218	0.846	472.813	58.1101	58.1859	SAG
ML	80	I	58.863	800	311114	-0.432	-1851.9	58.7872	58.9388	CREST
ML	80	I	59.582	800	314816	-0.871	-918.49	59.5062	59.6578	CREST
ML	80	I	59.95	1000	316716	-1.938	-516	59.8553	60.0447	CREST
ML	80	I	61.232	400	323316	2.278	175.593	61.1941	61.2699	SAG
ML	80	I	61.651	400	325766	-1.162	-344.23	61.6131	61.6889	CREST
ML	80	I	62.086	400	327815	0.6	666.667	62.0481	62.1239	SAG
ML	80	I	63.525	400	335437	-0.921	-434.31	63.4871	63.5629	CREST
ML	80	I	64.092	400	338441	1.555	257.235	64.0541	64.1299	SAG
ML	80	I	64.696	800	341636	0.669	1195.82	64.6202	64.7718	SAG
ML	80	I	68.972	400	364453	-1.823	-219.42	68.9341	69.0099	CREST
ML	80	I	69.317	600	366349	0.907	661.521	69.2602	69.3738	SAG
ML	80	I	70.167	600	370847	-0.378	-1587.3	70.1102	70.2238	CREST
ML	80	I	71	1000	375245	-1.768	-565.61	70.9053	71.0947	CREST
ML	80	I	71.342	800	377051	2.435	328.542	71.2662	71.4178	SAG
ML	80	I	71.683	600	378852	1.073	559.18	71.6262	71.7398	SAG
ML	80	I	72.639	1400	383852	-2.699	-518.71	72.5064	72.7716	CREST
ML	80	I	73.074	800	386149	1.626	492.005	72.9982	73.1498	SAG
ML	80	I	73.923	800	390647	0.811	986.436	73.8472	73.9988	SAG
ML	80	I	74.357	600	392949	-0.335	-1791	74.3002	74.4138	CREST
ML	80	I	75.018	1000	396450	-0.852	-1173.7	74.9233	75.1127	CREST
ML	80	I	76.056	600	401952	1.155	519.481	75.9992	76.1128	SAG
ML	80	I	76.395	1400	403747	-3.001	-466.51	76.2624	76.5276	CREST
ML	80	I	76.738	800	405547	1.397	572.656	76.6622	76.8138	SAG
ML	80	I	77.226	600	408050	0.64	937.5	77.1692	77.2828	SAG
ML	80	I	77.74	800	410748	1.406	568.99	77.6642	77.8158	SAG
ML	80	I	78.103	600	412665	-0.542	-1107	78.0462	78.1598	CREST
ML	80	I	78.708	600	415859	0.37	1621.62	78.6512	78.7648	SAG
ML	80	I	79.372	800	419360	1.604	498.753	79.2962	79.4478	SAG
ML	80	I	79.845	1800	421862	-2.662	-676.18	79.6745	80.0155	CREST
ML	80	I	80.451	1200	425062	2.508	478.469	80.3374	80.5646	SAG
ML	80	I	81.266	1000	429360	-0.965	-1036.3	81.1713	81.3607	CREST
ML	80	I	82.99	2000	438535	-3.872	-516.53	82.8006	83.1794	CREST
ML	80	I	83.745	400	442538	0.636	628.931	83.7071	83.7829	SAG
ML	80	I	84.276	400	445336	-0.856	-467.29	84.2381	84.3139	CREST
ML	80	I	84.636	400	447237	2.255	177.384	84.5981	84.6739	SAG
ML	80	I	85.318	1200	450840	-2.247	-534.05	85.2044	85.4316	CREST
ML	80	I	85.988	1000	454341	3.393	294.724	85.8933	86.0827	SAG
ML	80	I	86.578	400	457493	1.296	308.642	86.5401	86.6159	SAG
ML	80	I	87.292	1950	461263	-4.314	-452.02	87.1073	87.4767	CREST
ML	80	I	87.792	600	463892	1.456	412.088	87.7352	87.8488	SAG
ML	80	I	88.316	800	466643	0.847	944.51	88.2402	88.3918	SAG
ML	80	I	88.591	1200	468090	3.195	375.587	88.4774	88.7046	SAG
ML	80	I	90.016	1000	475554	-2.58	-387.6	89.9213	90.1107	CREST
ML	80	I	90.696	1525	479237	-5.142	-296.58	90.5516	90.8404	CREST
ML	80	I	91.198	400	481835	1.153	346.921	91.1601	91.2359	SAG
ML	80	I	91.481	2050	483287	5.088	402.909	91.2869	91.6751	SAG
ML	80	I	92.039	800	486274	-3.636	-220.02	91.9632	92.1148	CREST
ML	80	I	92.633	1200	489421	3.33	360.36	92.5194	92.7466	SAG
ML	80	I	93.392	2000	493418	-2.696	-741.84	93.2026	93.5814	CREST
ML	80	I	93.772	1200	495425	3.695	324.763	93.6584	93.8856	SAG
ML	80	I	94.255	2000	497970	-4.517	-442.77	94.0656	94.4444	CREST
ML	80	I	94.739	1800	500517	5.321	338.282	94.5685	94.9095	SAG
ML	80	I	95.332	1200	503646	-2.74	-437.96	95.2184	95.4456	CREST
ML	80	I	95.764	600	505920	0.867	692.042	95.7072	95.8208	SAG
ML	80	I	96.334	2000	508927	-4.05	-493.83	96.1446	96.5234	CREST
ML	80	I	96.79	1600	511325	3.635	440.165	96.6385	96.9415	SAG
ML	80	I	97.85	1000	516912	-1.138	-878.74	97.7553	97.9447	CREST
ML	80	I	98.209	800	518808	1.341	596.57	98.1332	98.2848	SAG
ML	80	I	98.911	2400	522509	-1.814	-1323	98.6837	99.1383	CREST
ML	80	I	99.979	800	528206	0.611	1309.33	99.9032	100.055	SAG
ML	80	I	100.112	600	528909	0.43	1395.35	100.055	100.169	SAG
ML	80	I	101.162	800	534411	-0.105	-7619	101.086	101.238	CREST
ML	80	I	102.101	600	539319	2.036	294.695	102.044	102.158	SAG
ML	80	I	102.382	1000	540812	-1.576	-634.52	102.287	102.477	CREST
ML	80	I	102.742	800	542812	2.108	379.507	102.666	102.818	SAG
ML	80	I	103.864	2600	548641	-2.534	-1026	103.618	104.11	CREST
ML	80	I	106.195	2000	560933	-3.871	-516.66	106.006	106.384	CREST
ML	80	I	106.529	300	562697	0.909	330.033	106.501	106.557	SAG
ML	80	I	106.614	600	563147	-0.606	-990.1	106.557	106.671	CREST
ML	80	I	106.855	800	564492	3.212	249.066	106.779	106.931	SAG
ML	80	I	107.525	400	568034	1.123	356.189	107.487	107.563	SAG
ML	80	I	107.855	600	569700	-2.48	-241.94	107.798	107.912	CREST
ML	80	I	108.028	400	570615	1.106	361.664	107.99	108.066	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	108.454	500	572864	0.841	594.53	108.407	108.501	SAG
ML	80	I	108.578	400	573514	0.508	787.402	108.54	108.616	SAG
ML	80	I	108.787	800	574617	-0.496	-1612.9	108.711	108.863	CREST
ML	80	I	109.26	400	577115	2.681	149.198	109.222	109.298	SAG
ML	80	I	109.771	2600	579814	-6.001	-433.26	109.525	110.017	CREST
ML	80	I	110.093	600	581514	2.492	240.77	110.036	110.15	SAG
ML	80	I	110.317	1000	582695	-2.127	-470.15	110.222	110.412	CREST
ML	80	I	110.468	600	583492	2.368	253.378	110.411	110.525	SAG
ML	80	I	110.752	600	584992	0.767	782.269	110.695	110.809	SAG
ML	80	I	111.087	600	586792	1.688	355.45	111.03	111.144	SAG
ML	80	I	111.382	2000	588392	-4.721	-423.64	111.193	111.571	CREST
ML	80	I	111.66	600	589892	2.841	211.193	111.603	111.717	SAG
ML	80	I	111.906	1400	591190	-0.607	-2306.4	111.773	112.039	CREST
ML	80	I	112.097	600	592194	1.763	340.329	112.04	112.154	SAG
ML	80	I	112.344	2000	593492	-2.084	-959.69	112.155	112.533	CREST
ML	80	I	112.742	600	595589	1.916	313.152	112.685	112.799	SAG
ML	80	I	112.933	800	596592	-0.175	-4571.4	112.857	113.009	CREST
ML	80	I	113.408	1600	599089	-3.613	-442.85	113.256	113.56	CREST
ML	80	I	113.637	800	600293	2.304	347.222	113.561	113.713	SAG
ML	80	I	114.245	800	603493	0.393	2035.62	114.169	114.321	SAG
ML	80	I	114.986	800	607395	1.295	617.761	114.91	115.062	SAG
ML	80	I	115.747	1200	611395	-2.499	-480.19	115.633	115.861	CREST
ML	80	I	116.165	800	613597	1.25	640	116.089	116.241	SAG
ML	80	I	116.317	800	614394	-0.584	-1369.9	116.241	116.393	CREST
ML	80	I	116.831	800	617098	0.634	1261.83	116.755	116.907	SAG
ML	80	I	117.02	800	618095	-0.64	-1250	116.944	117.096	CREST
ML	80	I	117.581	800	621047	1.412	566.572	117.505	117.657	SAG
ML	80	I	117.969	800	623096	-1.386	-577.2	117.893	118.045	CREST
ML	80	I	118.272	600	624695	0.775	774.194	118.215	118.329	SAG
ML	80	I	118.518	600	625994	0.278	2158.27	118.461	118.575	SAG
ML	80	I	118.951	800	628291	-0.519	-1541.4	118.875	119.027	CREST
ML	80	I	119.121	800	629194	-0.521	-1535.5	119.045	119.197	CREST
ML	80	I	119.309	600	630197	0.707	848.656	119.252	119.366	SAG
ML	80	I	119.817	600	632895	0.294	2040.82	119.76	119.874	SAG
ML	80	I	120.005	800	633893	-0.402	-1990.1	119.929	120.081	CREST
ML	80	I	120.193	1200	634896	-0.699	-1716.7	120.079	120.307	CREST
ML	80	I	120.945	800	638893	0.85	941.176	120.869	121.021	SAG
ML	80	I	121.322	400	640894	0.484	826.446	121.284	121.36	SAG
ML	80	I	121.604	600	642394	0.838	715.99	121.547	121.661	SAG
ML	80	I	122.027	1400	644596	-2.541	-550.96	121.894	122.16	CREST
ML	80	I	122.516	1200	647194	2.5	480	122.402	122.63	SAG
ML	80	I	122.721	400	648292	-1.461	-273.79	122.683	122.759	CREST
ML	80	I	123.22	400	650895	0.728	549.451	123.182	123.258	SAG
ML	80	I	123.413	1400	651898	-2.584	-541.8	123.28	123.546	CREST
ML	80	I	123.751	1000	653662	1.895	527.704	123.656	123.846	SAG
ML	80	I	124.125	600	655612	1.067	562.324	124.068	124.182	SAG
ML	80	I	124.43	400	657212	-0.563	-710.48	124.392	124.468	CREST
ML	80	I	124.733	1000	658812	-1.795	-557.1	124.638	124.828	CREST
ML	80	I	125.041	800	660441	1.382	578.871	124.965	125.117	SAG
ML	80	I	125.325	800	661940	-1.191	-671.7	125.249	125.401	CREST
ML	80	I	125.78	800	664343	1.362	587.372	125.704	125.856	SAG
ML	80	I	126.178	1200	666444	2.212	542.495	126.064	126.292	SAG
ML	80	I	126.6	1400	668672	-2.409	-581.15	126.467	126.733	CREST
ML	80	I	127.106	1000	671344	-1.371	-729.4	127.011	127.201	CREST
ML	80	I	127.676	800	674355	1.436	557.103	127.6	127.752	SAG
ML	80	I	128.151	800	676857	-0.44	-1818.2	128.075	128.227	CREST
ML	80	I	128.455	600	678457	-0.429	-1398.6	128.398	128.512	CREST
ML	80	I	128.72	400	679856	0.521	767.754	128.682	128.758	SAG
ML	80	I	128.927	600	680944	1.265	474.308	128.87	128.984	SAG
ML	80	I	129.192	800	682344	-2.758	-290.07	129.116	129.268	CREST
ML	80	I	129.477	600	683843	1.901	315.623	129.42	129.534	SAG
ML	80	I	129.705	800	685043	-1.301	-614.91	129.629	129.781	CREST
ML	80	I	129.989	400	686542	0.49	816.327	129.951	130.027	SAG
ML	80	I	130.233	400	687829	0.501	798.403	130.195	130.271	SAG
ML	80	I	130.632	1200	689931	1.58	759.494	130.518	130.746	SAG
ML	80	I	130.878	1200	691230	-2.641	-454.37	130.764	130.992	CREST
ML	80	I	131.248	400	693183	1.068	374.532	131.21	131.286	SAG
ML	80	I	132.971	600	702281	2.17	276.498	132.914	133.028	SAG
ML	80	I	133.435	1800	704731	-2.818	-638.75	133.265	133.605	CREST
ML	80	I	134.192	800	708727	0.716	1117.32	134.116	134.268	SAG
ML	80	I	134.477	2000	710232	3.239	617.475	134.288	134.666	SAG
ML	80	I	134.931	1800	712629	-4.304	-418.22	134.761	135.101	CREST
ML	80	I	135.215	800	714129	3.637	219.962	135.139	135.291	SAG
ML	80	I	135.462	1800	715433	-4.037	-445.88	135.292	135.632	CREST
ML	80	I	135.746	1000	716933	3.9	256.41	135.651	135.841	SAG
ML	80	I	136.181	1600	719229	-3.45	-463.77	136.029	136.333	CREST
ML	80	I	136.56	400	721231	-1.04	-384.62	136.522	136.598	CREST
ML	80	I	136.74	1400	722181	4.298	325.733	136.607	136.873	SAG
ML	80	I	137.261	800	724932	-1.584	-505.05	137.185	137.337	CREST
ML	80	I	137.753	1600	727530	1.914	835.946	137.601	137.905	SAG
ML	80	I	137.98	400	728728	-0.858	-466.2	137.942	138.018	CREST
ML	80	I	138.42	600	731051	-1.18	-508.48	138.363	138.477	CREST
ML	80	I	139.556	400	737049	-0.5	-800	139.518	139.594	CREST
ML	80	I	140.882	1400	744051	3.19	438.871	140.749	141.015	SAG
ML	80	I	141.886	1600	749352	-3.77	-424.4	141.734	142.038	CREST
ML	80	I	142.833	1000	754352	-2.033	-491.88	142.738	142.928	CREST
ML	80	I	143.44	400	757552	-0.285	-1403.5	143.402	143.478	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	143.914	400	760054	0.465	860.215	143.876	143.952	SAG
ML	80	I	144.198	400	761554	0.782	511.509	144.16	144.236	SAG
ML	80	I	144.954	800	765551	-0.647	-1236.5	144.878	145.03	CREST
ML	80	I	145.191	600	766802	1.403	427.655	145.134	145.248	SAG
ML	80	I	145.541	600	768650	-0.826	-726.39	145.484	145.598	CREST
ML	80	I	146.033	600	771253	-1.141	-525.86	145.976	146.09	CREST
ML	80	I	146.373	1200	773048	3.996	300.3	146.259	146.487	SAG
ML	80	I	146.809	600	775351	-1.251	-479.62	146.752	146.866	CREST
ML	80	I	147.228	400	777552	0.518	772.201	147.19	147.266	SAG
ML	80	I	147.796	1000	780551	-2.207	-453.1	147.701	147.891	CREST
ML	80	I	148.374	900	783603	2.621	343.38	148.289	148.459	SAG
ML	80	I	148.629	1000	784950	-2.228	-448.83	148.534	148.724	CREST
ML	80	I	149.292	2000	788450	1.36	1470.59	149.103	149.481	SAG
ML	80	I	150.372	800	794153	1.471	543.848	150.296	150.448	SAG
ML	80	I	151.034	1200	797648	-3.079	-389.74	150.92	151.148	CREST
ML	80	I	151.451	600	799850	1.774	338.219	151.394	151.508	SAG
ML	80	I	151.773	600	801550	1.199	500.417	151.716	151.83	SAG
ML	80	I	152.114	1200	803350	-2.54	-472.44	152	152.228	CREST
ML	80	I	152.644	800	806149	1.129	708.592	152.568	152.72	SAG
ML	80	I	152.928	400	807648	0.708	564.972	152.89	152.966	SAG
ML	80	I	153.345	600	809850	-0.714	-840.34	153.288	153.402	CREST
ML	80	I	153.734	800	811904	5.295	151.086	153.658	153.81	SAG
ML	80	I	154.055	1600	813598	-4.733	-338.05	153.903	154.207	CREST
ML	80	I	154.831	1600	817695	-1.348	-1186.9	154.679	154.983	CREST
ML	80	I	155.343	800	820399	1.967	406.711	155.267	155.419	SAG
ML	80	I	155.949	800	823599	-2.089	-382.96	155.873	156.025	CREST
ML	80	I	156.252	800	825700	2.417	330.989	156.176	156.328	SAG
ML	80	I	156.649	2400	827696	-3.571	-672.08	156.422	156.876	CREST
ML	80	I	157.107	800	829998	3.598	222.346	157.031	157.183	SAG
ML	80	I	157.901	800	833986	-0.981	-815.49	157.825	157.977	CREST
ML	80	I	158.615	1600	837989	-2.274	-703.61	158.463	158.767	CREST
ML	80	I	159.469	800	842186	0.46	1739.13	159.393	159.545	SAG
ML	80	I	160.998	800	850260	-0.503	-1590.5	160.922	161.074	CREST
ML	80	I	161.433	800	852556	-0.239	-3347.3	161.357	161.509	CREST
ML	80	I	162.02	800	855656	1.393	574.3	161.944	162.096	SAG
ML	80	I	162.57	800	858560	0.413	1937.05	162.494	162.646	SAG
ML	80	I	162.873	800	860160	-1.128	-709.22	162.797	162.949	CREST
ML	80	I	163.612	800	864062	0.726	1101.93	163.536	163.688	SAG
ML	80	I	163.801	800	865059	-0.599	-1335.6	163.725	163.877	CREST
ML	80	I	164.085	800	866559	1	800	164.009	164.161	SAG
ML	80	I	164.805	800	870361	0.546	1465.2	164.729	164.881	SAG
ML	80	I	165.221	800	872557	0.65	1230.77	165.145	165.297	SAG
ML	80	I	165.506	800	874062	-0.996	-803.21	165.43	165.582	CREST
ML	80	I	166.074	1600	877061	-0.897	-1783.7	165.922	166.226	CREST
ML	80	I	166.509	800	879358	0.808	990.099	166.433	166.585	SAG
ML	80	I	167.021	800	882061	-1.814	-441.01	166.945	167.097	CREST
ML	80	I	167.21	800	883059	1.489	537.273	167.134	167.286	SAG
ML	80	I	168.535	800	890055	0.801	998.752	168.459	168.611	SAG
ML	80	I	168.858	800	891760	-0.587	-1362.9	168.782	168.934	CREST
ML	80	I	169.028	800	892658	-1.795	-445.68	168.952	169.104	CREST
ML	80	I	169.218	800	893661	1.639	488.103	169.142	169.294	SAG
ML	80	I	170.316	800	899459	0.617	1296.6	170.24	170.392	SAG
ML	80	I	170.808	800	902056	-1.479	-540.91	170.732	170.884	CREST
ML	80	I	171.926	600	907959	1.744	344.037	171.869	171.983	SAG
ML	80	I	172.134	800	909058	2.194	364.631	172.058	172.21	SAG
ML	80	I	172.361	1000	910256	-2.622	-381.39	172.266	172.456	CREST
ML	80	I	172.551	600	911259	1.703	352.319	172.494	172.608	SAG
ML	80	I	172.778	600	912458	-1.652	-363.2	172.721	172.835	CREST
ML	80	I	173.157	600	914459	1.795	334.262	173.1	173.214	SAG
ML	80	I	173.413	1500	915811	-4.146	-361.8	173.271	173.555	CREST
ML	80	I	173.678	900	917210	2.787	322.928	173.593	173.763	SAG
ML	80	I	173.895	1400	918356	-3.218	-435.05	173.762	174.028	CREST
ML	80	I	174.113	600	919507	2.173	276.116	174.056	174.17	SAG
ML	80	I	174.842	600	923356	0.548	1094.89	174.785	174.899	SAG
ML	80	I	176.418	400	931678	-0.288	-1388.9	176.38	176.456	CREST
ML	80	I	176.834	400	933874	1.997	200.3	176.796	176.872	SAG
ML	80	I	177.109	1400	935326	-3.285	-426.18	176.976	177.242	CREST
ML	80	I	177.403	400	936879	1.446	276.625	177.365	177.441	SAG
ML	80	I	177.763	400	938779	1.662	240.674	177.725	177.801	SAG
ML	80	I	177.971	400	939878	-1.153	-346.92	177.933	178.009	CREST
ML	80	I	178.312	400	941678	0.301	1328.9	178.274	178.35	SAG
ML	80	I	178.84	400	944468	-1.135	-352.42	178.802	178.878	CREST
ML	80	I	178.953	400	945065	0.605	661.157	178.915	178.991	SAG
ML	80	I	179.256	400	946664	0.704	568.182	179.218	179.294	SAG
ML	80	I	179.654	400	948766	-0.942	-424.63	179.616	179.692	CREST
ML	80	I	179.844	400	949769	1.522	262.812	179.806	179.882	SAG
ML	80	I	179.976	400	950466	-1.492	-268.1	179.938	180.014	CREST
ML	80	I	180.223	400	951770	1.939	206.292	180.185	180.261	SAG
ML	80	I	180.677	1000	954167	-2.312	-432.53	180.582	180.772	CREST
ML	80	I	180.81	400	954870	0.527	759.013	180.772	180.848	SAG
ML	80	I	181.302	800	957467	-1.487	-538	181.226	181.378	CREST
ML	80	I	181.491	800	958465	1.842	434.311	181.415	181.567	SAG
ML	80	I	182.336	400	962925	1.867	214.247	182.298	182.374	SAG
ML	80	I	182.583	1800	964229	-3.693	-487.41	182.413	182.753	CREST
ML	80	I	182.81	400	965427	3.254	122.926	182.772	182.848	SAG
ML	80	I	183.037	1100	966626	-1.968	-558.94	182.933	183.141	CREST
ML	80	I	183.321	400	968125	2.479	161.355	183.283	183.359	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	183.738	400	970327	0.628	636.943	183.7	183.776	SAG
ML	80	I	184.282	2500	973199	-6.09	-410.51	184.045	184.519	CREST
ML	80	I	184.629	400	975032	2.406	166.251	184.591	184.667	SAG
ML	80	I	184.78	400	975829	0.807	495.663	184.742	184.818	SAG
ML	80	I	184.912	400	976526	-0.897	-445.93	184.874	184.95	CREST
ML	80	I	185.196	400	978025	0.716	558.659	185.158	185.234	SAG
ML	80	I	185.348	400	978828	-0.887	-450.96	185.31	185.386	CREST
ML	80	I	185.556	400	979926	0.837	477.897	185.518	185.594	SAG
ML	80	I	185.746	800	980929	-1.106	-723.33	185.67	185.822	CREST
ML	80	I	186.143	400	983025	-0.588	-680.27	186.105	186.181	CREST
ML	80	I	186.333	400	984029	1.208	331.126	186.295	186.371	SAG
ML	80	I	187.001	600	987529	1.787	335.758	186.944	187.058	SAG
ML	80	I	187.238	1400	988728	-3.314	-422.45	187.105	187.371	CREST
ML	80	I	187.527	600	990328	1.623	369.686	187.47	187.584	SAG
ML	80	I	188.627	600	996125	0.877	684.151	188.57	188.684	SAG
ML	80	I	188.931	800	997725	-1.485	-538.72	188.855	189.007	CREST
ML	80	I	189.121	600	998728	0.655	916.031	189.064	189.178	SAG
ML	80	I	189.387	400	1000127	0.31	1290.32	189.349	189.425	SAG
ML	80	I	189.729	400	1001928	-0.48	-833.33	189.691	189.767	CREST
ML	80	I	190.214	1000	1004478	-1.568	-637.76	190.119	190.309	CREST
ML	80	I	190.527	600	1006125	2.752	218.023	190.47	190.584	SAG
ML	80	I	190.898	1400	1008079	-3.129	-447.43	190.765	191.031	CREST
ML	80	I	191.268	800	1010027	-1.4	-571.43	191.192	191.344	CREST
ML	80	I	191.771	600	1012678	2.324	258.176	191.714	191.828	SAG
ML	80	I	192.184	600	1014850	1.049	571.973	192.127	192.241	SAG
ML	80	I	193.115	800	1019750	-1.384	-578.04	193.039	193.191	CREST
ML	80	I	193.341	1000	1020948	2.25	444.444	193.246	193.436	SAG
ML	80	I	194.151	600	1025252	1.983	302.572	194.094	194.208	SAG
ML	80	I	194.32	600	1026149	-0.817	-734.39	194.263	194.377	CREST
ML	80	I	194.848	1000	1028953	-2.055	-486.62	194.753	194.943	CREST
ML	80	I	195.092	1000	1030252	-2.297	-435.35	194.997	195.187	CREST
ML	80	I	195.808	600	1034053	0.601	998.336	195.751	195.865	SAG
ML	80	I	196.001	600	1035051	2.214	271.003	195.944	196.058	SAG
ML	80	I	196.19	800	1036002	-1.247	-641.54	196.114	196.266	CREST
ML	80	I	196.432	800	1037353	1.673	478.183	196.356	196.508	SAG
ML	80	I	196.642	800	1038452	-1.578	-506.97	196.566	196.718	CREST
ML	80	I	197.618	800	1043552	-0.618	-1294.5	197.542	197.694	CREST
ML	80	I	197.79	600	1044450	1.251	479.616	197.733	197.847	SAG
ML	80	I	198.038	800	1045749	-1.414	-565.77	197.962	198.114	CREST
ML	80	I	198.181	600	1046504	1.671	359.066	198.124	198.238	SAG
ML	80	I	199.291	400	1052449	-0.406	-985.22	199.253	199.329	CREST
ML	80	I	199.705	800	1054640	0.643	1244.17	199.629	199.781	SAG
ML	80	I	200.516	400	1058938	-0.443	-902.94	200.478	200.554	CREST
ML	80	I	201.169	1000	1062439	-1.747	-572.41	201.074	201.264	CREST
ML	80	I	201.364	600	1063437	2.033	295.13	201.307	201.421	SAG
ML	80	I	202.014	400	1066890	0.238	1680.67	201.976	202.052	SAG
ML	80	I	202.154	400	1067639	-0.33	-1212.1	202.116	202.192	CREST
ML	80	I	202.459	800	1069239	1.673	478.183	202.383	202.535	SAG
ML	80	I	202.801	400	1071040	-0.973	-411.1	202.763	202.839	CREST
ML	80	I	203.219	400	1073236	0.359	1114.21	203.181	203.257	SAG
ML	80	I	203.467	400	1074540	-0.464	-862.07	203.429	203.505	CREST
ML	80	I	203.753	800	1076040	2.446	327.065	203.677	203.829	SAG
ML	80	I	204.164	800	1078289	-1.85	-432.43	204.088	204.24	CREST
ML	80	I	204.534	800	1080238	1.174	681.431	204.458	204.61	SAG
ML	80	I	205.166	800	1083538	-1.574	-508.26	205.09	205.242	CREST
ML	80	I	205.376	800	1084636	2.27	352.423	205.3	205.452	SAG
ML	80	I	206.117	1400	1088538	-5	-280	205.984	206.25	CREST
ML	80	I	206.396	800	1090037	1.218	656.814	206.32	206.472	SAG
ML	80	I	206.662	400	1091442	-0.22	-1818.2	206.624	206.7	CREST
ML	80	I	207.021	1000	1093337	2.136	468.165	206.926	207.116	SAG
ML	80	I	207.589	800	1096336	-1.377	-580.97	207.513	207.665	CREST
ML	80	I	208.29	800	1100038	-1.506	-531.21	208.214	208.366	CREST
ML	80	I	208.67	1200	1102039	1.48	810.811	208.556	208.784	SAG
ML	80	I	209.165	800	1104636	0.819	976.801	209.089	209.241	SAG
ML	80	I	209.534	800	1106638	-2.818	-283.89	209.458	209.61	CREST
ML	80	I	209.829	800	1108137	1.544	518.135	209.753	209.905	SAG
ML	80	I	210.04	800	1109241	-1.25	-640	209.964	210.116	CREST
ML	80	I	210.709	1200	1112836	3.024	396.825	210.595	210.823	SAG
ML	80	I	211.078	800	1114742	0.64	1250	211.002	211.154	SAG
ML	80	I	211.143	1400	1115038	-2.589	-540.75	211.01	211.276	CREST
ML	80	I	211.553	400	1117039	1.303	306.984	211.515	211.591	SAG
ML	80	I	211.608	400	1117287	-1.344	-297.62	211.57	211.646	CREST
ML	80	I	211.797	400	1118137	0.094	4255.32	211.759	211.835	SAG
ML	80	I	211.875	400	1118491	-0.299	-1337.8	211.837	211.913	CREST
ML	80	I	211.934	300	1118840	0.812	369.458	211.906	211.962	SAG
ML	80	I	212.137	400	1120038	-1.361	-293.9	212.099	212.175	CREST
ML	80	I	212.197	1500	1120392	0.912	1644.74	212.055	212.339	SAG
ML	80	I	212.65	1000	1123075	2.286	437.445	212.555	212.745	SAG
ML	80	I	213.023	700	1125070	-1.997	-350.53	212.957	213.089	CREST
ML	80	I	213.869	1200	1129532	-2.997	-400.4	213.755	213.983	CREST
ML	80	I	214.199	600	1131280	1.391	431.344	214.142	214.256	SAG
ML	80	I	214.577	400	1133281	0.839	476.758	214.539	214.615	SAG
ML	80	I	215.013	1200	1135583	1.593	753.296	214.899	215.127	SAG
ML	80	I	215.863	600	1140081	-1.448	-414.37	215.806	215.92	CREST
ML	80	I	216.069	400	1141158	0.761	525.624	216.031	216.107	SAG
ML	80	I	217.681	600	1149659	-0.615	-975.61	217.624	217.738	CREST
ML	80	I	218.092	853	1151828	2.988	285.475	218.011	218.173	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	218.364	1168	1153264	-1.708	-683.84	218.253	218.475	CREST
ML	80	I	218.729	2657	1155192	-4.016	-661.6	218.477	218.981	CREST
ML	80	I	219.231	1690	1157810	6.116	276.324	219.071	219.391	SAG
ML	80	I	219.772	2490	1160714	-3.625	-686.9	219.536	220.008	CREST
ML	80	I	220.217	656	1162937	1.702	385.429	220.155	220.279	SAG
ML	80	I	220.437	800	1163962	-0.142	-5633.8	220.361	220.513	CREST
ML	80	I	220.766	800	1165698	-0.646	-1238.4	220.69	220.842	CREST
ML	80	I	221.133	800	1167693	0.607	1317.96	221.057	221.209	SAG
ML	80	I	221.591	1200	1170302	-1.945	-616.97	221.477	221.705	CREST
ML	80	I	221.971	410	1172377	0.727	563.961	221.932	222.01	SAG
ML	80	I	222.327	800	1174241	0.723	1106.5	222.251	222.403	SAG
ML	80	I	222.73	1000	1176362	-1.646	-607.53	222.635	222.825	CREST
ML	80	I	222.958	600	1177561	1.752	342.466	222.901	223.015	SAG
ML	80	I	223.415	800	1179970	-1.428	-560.22	223.339	223.491	CREST
ML	80	I	224.193	800	1184072	2.05	390.244	224.117	224.269	SAG
ML	80	I	224.932	400	1187969	-0.312	-1282.1	224.894	224.97	CREST
ML	80	I	225.349	400	1190171	0.263	1520.91	225.311	225.387	SAG
ML	80	I	227.208	800	1199970	1.664	480.769	227.132	227.284	SAG
ML	80	I	227.586	2400	1201966	-3.845	-624.19	227.359	227.813	CREST
ML	80	I	228.137	600	1204865	0.9	666.667	228.08	228.194	SAG
ML	80	I	228.497	1600	1206762	-1.416	-1129.9	228.345	228.649	CREST
ML	80	I	228.762	800	1208167	1.76	454.545	228.686	228.838	SAG
ML	80	I	228.933	400	1209064	0.446	896.861	228.895	228.971	SAG
ML	80	I	229.074	400	1209814	0.458	873.362	229.036	229.112	SAG
ML	80	I	229.32	1200	1211124	2.87	418.118	229.206	229.434	SAG
ML	80	I	229.707	1400	1213167	-2.754	-508.35	229.574	229.84	CREST
ML	80	I	230.201	800	1215778	0.928	862.069	230.125	230.277	SAG
ML	80	I	230.692	400	1218374	0.941	425.08	230.654	230.73	SAG
ML	80	I	230.909	800	1219520	-1.42	-563.38	230.833	230.985	CREST
ML	80	I	231.315	400	1221669	-0.624	-641.03	231.277	231.353	CREST
ML	80	I	231.883	800	1224673	1.795	445.682	231.807	231.959	SAG
ML	80	I	232.375	800	1227271	-0.891	-897.87	232.299	232.451	CREST
ML	80	I	232.999	2000	1230571	-4.54	-440.53	232.81	233.188	CREST
ML	80	I	233.397	2200	1232672	5.223	421.214	233.189	233.605	SAG
ML	80	I	233.806	50	1234837	0.847	59.032	233.801	233.811	SAG
ML	80	I	233.873	100	1235190	-0.345	-289.86	233.864	233.882	CREST
ML	80	I	233.911	100	1235391	0.329	303.951	233.902	233.92	SAG
ML	80	I	234.18	700	1236811	-1.156	-605.54	234.114	234.246	CREST
ML	80	I	234.294	200	1237413	-0.489	-409	234.275	234.313	CREST
ML	80	I	234.39	500	1237925	-0.625	-800	234.343	234.437	CREST
ML	80	I	234.494	500	1238474	-0.915	-546.45	234.447	234.541	CREST
ML	80	I	234.857	400	1240375	-0.669	-597.91	234.819	234.895	CREST
ML	80	I	235.001	200	1241146	-0.199	-1005	234.982	235.02	CREST
ML	80	I	235.245	200	1242440	-0.819	-244.2	235.226	235.264	CREST
ML	80	I	235.374	200	1243121	-0.682	-293.26	235.355	235.393	CREST
ML	80	I	235.548	200	1244034	0.036	5555.56	235.529	235.567	SAG
ML	80	I	235.689	100	1244774	-0.117	-854.7	235.68	235.698	CREST
ML	80	I	235.712	100	1244895	0.01	10000	235.703	235.721	SAG
ML	80	I	235.977	1050	1246299	1.639	640.635	235.878	236.076	SAG
ML	80	I	236.282	775	1247968	3.125	248	236.209	236.355	SAG
ML	80	I	236.42	400	1248723	-0.885	-451.98	236.382	236.458	CREST
ML	80	I	236.504	320	1249177	-1.101	-290.65	236.474	236.534	CREST
ML	80	I	236.603	120	1249694	-0.604	-198.68	236.592	236.614	CREST
ML	80	I	236.699	120	1250191	-0.752	-159.57	236.688	236.71	CREST
ML	80	I	236.756	100	1250486	-0.476	-210.08	236.747	236.765	CREST
ML	80	I	236.881	1000	1251141	2.109	474.158	236.786	236.976	SAG
ML	80	I	237.159	1050	1252583	-0.827	-1269.6	237.06	237.258	CREST
ML	80	I	237.718	100	1255492	-0.031	-3225.8	237.709	237.727	CREST
ML	80	I	237.98	1200	1256870	1.695	707.965	237.866	238.094	SAG
ML	80	I	238.182	100	1257947	-0.255	-392.16	238.173	238.191	CREST
ML	80	I	238.249	100	1258296	0.403	248.139	238.24	238.258	SAG
ML	80	I	238.325	200	1258692	-0.505	-396.04	238.306	238.344	CREST
ML	80	I	238.345	100	1258797	-0.477	-209.64	238.336	238.354	CREST
ML	80	I	238.451	200	1259352	-0.234	-854.7	238.432	238.47	CREST
ML	80	I	238.529	100	1259763	0.095	1052.63	238.52	238.538	SAG
ML	80	I	238.594	50	1260107	-0.121	-413.22	238.589	238.599	CREST
ML	80	I	238.923	1200	1261844	-1.168	-1027.4	238.809	239.037	CREST
ML	80	I	239.405	1100	1264389	1.58	696.203	239.301	239.509	SAG
ML	80	I	239.709	100	1265994	0.224	446.429	239.7	239.718	SAG
ML	80	I	239.779	40	1266359	-0.043	-930.23	239.775	239.783	CREST
ML	80	I	239.851	100	1266739	-0.178	-561.8	239.842	239.86	CREST
ML	80	I	239.915	300	1267082	-0.155	-1935.5	239.887	239.943	CREST
ML	80	I	239.995	400	1267499	-0.213	-1877.9	239.957	240.033	CREST
ML	80	I	240.107	400	1268091	0.633	631.912	240.069	240.145	SAG
ML	80	I	240.373	480	1269495	-0.695	-690.65	240.328	240.418	CREST
ML	80	I	241.054	1400	1273091	2.114	662.252	240.921	241.187	SAG
ML	80	I	241.661	300	1276296	-0.338	-887.57	241.633	241.689	CREST
ML	80	I	242.045	840	1278323	-1.334	-629.69	241.965	242.125	CREST
ML	80	I	242.28	300	1279564	-0.317	-946.37	242.252	242.308	CREST
ML	80	I	242.513	1600	1280794	2.419	661.43	242.361	242.665	SAG
ML	80	I	243.3	300	1284944	0.334	898.204	243.272	243.328	SAG
ML	80	I	243.357	300	1285245	-0.65	-461.54	243.329	243.385	CREST
ML	80	I	243.442	300	1285694	0.832	360.577	243.414	243.47	SAG
ML	80	I	243.896	300	1288091	0.115	2608.7	243.868	243.924	SAG
ML	80	I	244.079	300	1289058	0.238	1260.5	244.051	244.107	SAG
ML	80	I	244.143	300	1289395	0.42	714.286	244.115	244.171	SAG
ML	80	I	244.691	600	1292294	-0.909	-660.07	244.634	244.748	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	244.854	1100	1293155	-1.976	-556.68	244.75	244.958	CREST
ML	80	I	245.166	2200	1294807	-4.166	-528.08	244.958	245.374	CREST
ML	80	I	245.8	1200	1298160	3.599	333.426	245.686	245.914	SAG
ML	80	I	246.213	2000	1300341	-3.517	-568.67	246.024	246.402	CREST
ML	80	I	247.199	1200	1305542	3.871	309.997	247.085	247.313	SAG
ML	80	I	247.778	1800	1308594	-3.252	-553.51	247.608	247.948	CREST
ML	80	I	248.043	1000	1309993	4.219	237.023	247.948	248.138	SAG
ML	80	I	249.219	2000	1316191	-4.598	-434.97	249.03	249.408	CREST
ML	80	I	249.636	1200	1318393	3.391	353.878	249.522	249.75	SAG
ML	80	I	250.101	1000	1320843	-0.562	-1779.4	250.006	250.196	CREST
ML	80	I	250.754	1600	1324291	2.367	675.961	250.602	250.906	SAG
ML	80	I	251.362	1000	1327498	0.978	1022.5	251.267	251.457	SAG
ML	80	I	252.101	3600	1331394	-7.497	-480.19	251.76	252.442	CREST
ML	80	I	252.708	1000	1334599	1.686	593.12	252.613	252.803	SAG
ML	80	I	253.143	2000	1336896	4.297	465.441	252.954	253.332	SAG
ML	80	I	253.511	1800	1338844	-2.986	-602.81	253.341	253.681	CREST
ML	80	I	253.9	1000	1340898	2.835	352.734	253.805	253.995	SAG
ML	80	I	254.249	2500	1342746	-4.033	-619.89	254.012	254.486	CREST
ML	80	I	255.111	1000	1347298	2.305	433.839	255.016	255.206	SAG
ML	80	I	255.921	1000	1351574	-1.217	-821.69	255.826	256.016	CREST
ML	80	I	256.304	800	1353597	-0.063	-12698	256.228	256.38	CREST
ML	80	I	256.682	800	1355592	0.796	1005.03	256.606	256.758	SAG
ML	80	I	257.289	1000	1358797	-0.1	-10000	257.194	257.384	CREST
ML	80	I	258.104	1000	1363095	-1.277	-783.09	258.009	258.199	CREST
ML	80	I	258.388	1000	1364595	0.331	3021.15	258.293	258.483	SAG
ML	80	I	258.577	800	1365593	0.612	1307.19	258.501	258.653	SAG
ML	80	I	258.994	400	1367795	-0.224	-1785.7	258.956	259.032	CREST
ML	80	I	259.503	1000	1370498	1.517	659.196	259.408	259.598	SAG
ML	80	I	259.854	1000	1372346	0.93	1075.27	259.759	259.949	SAG
ML	80	I	260.888	800	1377795	2.48	322.581	260.812	260.964	SAG
ML	80	I	262.214	2400	1384796	-7.743	-309.96	261.987	262.441	CREST
ML	80	I	262.934	2000	1388598	2.512	796.178	262.745	263.123	SAG
ML	80	I	263.256	1000	1390298	1.618	618.047	263.161	263.351	SAG
ML	80	I	263.748	2000	1392896	3.279	609.942	263.559	263.937	SAG
ML	80	I	264.604	2600	1397421	-5.254	-494.86	264.358	264.85	CREST
ML	80	I	265.272	800	1400947	0.502	1593.63	265.196	265.348	SAG
ML	80	I	265.602	800	1402695	-2.249	-355.71	265.526	265.678	CREST
ML	80	I	266.043	1600	1405023	7.587	210.887	265.891	266.195	SAG
ML	80	I	267.284	2800	1411597	-6.42	-436.14	267.019	267.549	CREST
ML	80	I	267.628	800	1413398	2.192	364.964	267.552	267.704	SAG
ML	80	I	267.902	800	1414850	1.689	473.653	267.826	267.978	SAG
ML	80	I	268.441	1600	1417697	-2.382	-671.7	268.289	268.593	CREST
ML	80	I	268.781	800	1419498	-1.504	-531.92	268.705	268.857	CREST
ML	80	I	269.103	800	1421198	2.645	302.457	269.027	269.179	SAG
ML	80	I	269.651	1100	1424096	-2.41	-456.43	269.547	269.755	CREST
ML	80	I	270.19	1200	1426948	4.741	253.111	270.076	270.304	SAG
ML	80	I	271.365	2800	1433152	-6.621	-422.9	271.1	271.63	CREST
ML	80	I	271.81	800	1435501	0.426	1877.93	271.734	271.886	SAG
ML	80	I	272.334	800	1438247	2.219	360.523	272.258	272.41	SAG
ML	80	I	272.653	800	1439947	0.063	12698.4	272.577	272.729	SAG
ML	80	I	272.806	800	1440750	3.516	227.531	272.73	272.882	SAG
ML	80	I	273.683	800	1445353	-3.638	-219.9	273.607	273.759	CREST
ML	80	I	274.241	800	1448305	0.853	937.866	274.165	274.317	SAG
ML	80	I	274.741	800	1450950	-0.368	-2173.9	274.665	274.817	CREST
ML	80	I	275.129	800	1453004	2.461	325.071	275.053	275.205	SAG
ML	80	I	275.564	1400	1455301	-2.801	-499.82	275.431	275.697	CREST
ML	80	I	276.264	800	1459002	-1.259	-635.43	276.188	276.34	CREST
ML	80	I	277.069	800	1463258	2.78	287.77	276.993	277.145	SAG
ML	80	I	277.862	1600	1467455	-2.633	-607.67	277.71	278.014	CREST
ML	80	I	278.417	800	1470381	1.608	497.512	278.341	278.493	SAG
ML	80	I	279.014	800	1473527	3.13	255.591	278.938	279.09	SAG
ML	80	I	279.636	800	1476806	-1.068	-749.06	279.56	279.712	CREST
ML	80	I	280.09	800	1479203	0.227	3524.23	280.014	280.166	SAG
ML	80	I	280.6	2600	1481907	-5.821	-446.66	280.354	280.846	CREST
ML	80	I	281.042	600	1484252	0.589	1018.68	280.985	281.099	SAG
ML	80	I	281.763	1500	1488054	4.676	320.787	281.621	281.905	SAG
ML	80	I	282.17	800	1490203	-0.622	-1286.2	282.094	282.246	CREST
ML	80	I	282.379	800	1491306	1.528	523.56	282.303	282.455	SAG
ML	80	I	283.912	2400	1499305	-4.307	-557.23	283.685	284.139	CREST
ML	80	I	284.717	600	1503503	1.568	382.653	284.66	284.774	SAG
ML	80	I	285.217	2600	1506106	-1.586	-1639.3	284.971	285.463	CREST
ML	80	I	285.58	1200	1508002	1.394	860.832	285.466	285.694	SAG
ML	80	I	286.08	600	1510605	2.048	292.969	286.023	286.137	SAG
ML	80	I	286.904	1800	1514903	-4.04	-445.55	286.734	287.074	CREST
ML	80	I	287.307	600	1517004	1.149	522.193	287.25	287.364	SAG
ML	80	I	287.652	1200	1518804	-3.381	-354.93	287.538	287.766	CREST
ML	80	I	288.009	600	1520667	2.629	228.224	287.952	288.066	SAG
ML	80	I	288.537	750	1523418	2.641	283.983	288.466	288.608	SAG
ML	80	I	288.882	1000	1525218	-1.094	-914.08	288.787	288.977	CREST
ML	80	I	289.352	600	1527668	0.163	3680.98	289.295	289.409	SAG
ML	80	I	289.793	600	1529965	-0.617	-972.45	289.736	289.85	CREST
ML	80	I	290.267	600	1532721	2.23	269.058	290.21	290.324	SAG
ML	80	I	290.441	1400	1533867	-2.957	-473.45	290.308	290.574	CREST
ML	80	I	290.808	600	1535419	1.461	410.678	290.751	290.865	SAG
ML	80	I	291.207	600	1537468	0.954	628.931	291.15	291.264	SAG
ML	80	I	291.559	600	1539385	-0.989	-606.67	291.502	291.616	CREST
ML	80	I	291.816	600	1540784	-0.204	-2941.2	291.759	291.873	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	292.266	600	1543234	1.233	486.618	292.209	292.323	SAG
ML	80	I	292.587	800	1544982	-1.122	-713.01	292.511	292.663	CREST
ML	80	I	292.863	400	1546487	0.194	2061.86	292.825	292.901	SAG
ML	80	I	293.643	600	1550737	-0.773	-776.2	293.586	293.7	CREST
ML	80	I	293.91	600	1552184	0.963	623.053	293.853	293.967	SAG
ML	80	I	294.854	600	1557171	-0.128	-4687.5	294.797	294.911	CREST
ML	80	I	295.689	600	1561576	-1.259	-476.57	295.632	295.746	CREST
ML	80	I	295.972	1400	1563075	1.323	1058.2	295.839	296.105	SAG
ML	80	I	296.353	600	1565107	0.58	1034.48	296.296	296.41	SAG
ML	80	I	296.672	1000	1566807	-0.412	-2427.2	296.577	296.767	CREST
ML	80	I	297.512	800	1571332	2.739	292.077	297.436	297.588	SAG
ML	80	I	297.776	2000	1572737	-4.697	-425.8	297.587	297.965	CREST
ML	80	I	298.073	800	1574236	2.311	346.17	297.997	298.149	SAG
ML	80	I	298.717	600	1577631	0.411	1459.85	298.66	298.774	SAG
ML	80	I	299.039	800	1579332	-0.747	-1071	298.963	299.115	CREST
ML	80	I	299.514	600	1581850	0.159	3773.59	299.457	299.571	SAG
ML	80	I	299.99	600	1584369	-0.08	-7500	299.933	300.047	CREST
ML	80	I	300.227	600	1585620	-0.567	-1058.2	300.17	300.284	CREST
ML	80	I	300.548	1000	1587320	-1.353	-739.1	300.453	300.643	CREST
ML	80	I	300.87	600	1589020	2.279	263.273	300.813	300.927	SAG
ML	80	I	301.14	600	1590452	0.13	4615.39	301.083	301.197	SAG
ML	80	I	301.925	600	1594602	-0.016	-37500	301.868	301.982	CREST
ML	80	I	302.549	600	1597902	1.25	480	302.492	302.606	SAG
ML	80	I	303.079	1000	1600701	-1.276	-783.7	302.984	303.174	CREST
ML	80	I	303.543	600	1603151	1.094	548.446	303.486	303.6	SAG
ML	80	I	303.829	600	1604656	-1.601	-374.77	303.772	303.886	CREST
ML	80	I	304.236	800	1606805	3.888	205.761	304.16	304.312	SAG
ML	80	I	304.909	3400	1610353	-5.606	-606.49	304.587	305.231	CREST
ML	80	I	305.634	600	1614175	1.55	387.097	305.577	305.691	SAG
ML	80	I	306.127	400	1616778	-0.057	-7017.5	306.089	306.165	CREST
ML	80	I	306.439	600	1618425	1.181	508.044	306.382	306.496	SAG
ML	80	I	306.695	1600	1619772	-2.19	-730.59	306.543	306.847	CREST
ML	80	I	307.15	800	1622174	1.03	776.699	307.074	307.226	SAG
ML	80	I	307.701	600	1625078	-0.462	-1298.7	307.644	307.758	CREST
ML	80	I	308.383	800	1628674	-0.459	-1742.9	308.307	308.459	CREST
ML	80	I	309.236	600	1633178	0.747	803.213	309.179	309.293	SAG
ML	80	I	309.746	600	1635876	0.369	1626.02	309.689	309.803	SAG
ML	80	I	310.633	400	1640555	0.503	795.229	310.595	310.671	SAG
ML	80	I	310.954	600	1642255	1.841	325.91	310.897	311.011	SAG
ML	80	I	311.256	2420	1643850	-4.423	-547.14	311.027	311.485	CREST
ML	80	I	311.579	980	1645555	4.041	242.514	311.486	311.672	SAG
ML	80	I	311.883	2000	1647155	-3.506	-570.45	311.694	312.072	CREST
ML	80	I	312.129	500	1648454	2.029	246.427	312.082	312.176	SAG
ML	80	I	312.242	400	1649051	-0.446	-896.86	312.204	312.28	CREST
ML	80	I	312.412	400	1649953	-0.686	-583.09	312.374	312.45	CREST
ML	80	I	312.507	400	1650455	1.056	378.788	312.469	312.545	SAG
ML	80	I	312.8	492	1652000	1.772	277.652	312.753	312.847	SAG
ML	80	I	313.146	2723	1653822	-3.078	-884.67	312.888	313.404	CREST
ML	80	I	313.561	541	1656018	1.834	294.984	313.51	313.612	SAG
ML	80	I	314.738	400	1662249	0.706	566.572	314.7	314.776	SAG
ML	80	I	315.934	400	1668548	0.653	612.557	315.896	315.972	SAG
ML	80	I	316.713	200	1672650	-0.318	-628.93	316.694	316.732	CREST
ML	80	I	317.788	600	1678340	1.542	389.105	317.731	317.845	SAG
ML	80	I	317.996	600	1679438	-2.303	-260.53	317.939	318.053	CREST
ML	80	I	318.421	1000	1681687	3.565	280.505	318.326	318.516	SAG
ML	80	I	318.838	1000	1683889	-2.819	-354.74	318.743	318.933	CREST
ML	80	I	319.057	800	1685047	1.187	673.968	318.981	319.133	SAG
ML	80	I	319.341	1000	1686547	2.188	457.038	319.246	319.436	SAG
ML	80	I	319.738	400	1688648	0.016	25000	319.7	319.776	SAG
ML	80	I	320.495	400	1692645	-0.581	-688.47	320.457	320.533	CREST
ML	80	I	321.253	600	1696647	0.516	1162.79	321.196	321.31	SAG
ML	80	I	322.087	1200	1701045	-1.376	-872.09	321.973	322.201	CREST
ML	80	I	322.41	1200	1702746	-1.354	-886.26	322.296	322.524	CREST
ML	80	I	322.827	600	1704947	0.568	1056.34	322.77	322.884	SAG
ML	80	I	323.177	1200	1706795	-2.275	-527.47	323.063	323.291	CREST
ML	80	I	323.528	1800	1708649	-3.613	-498.2	323.358	323.698	CREST
ML	80	I	324.016	1000	1711225	3.233	309.31	323.921	324.111	SAG
ML	80	I	324.311	400	1712781	-0.684	-584.8	324.273	324.349	CREST
ML	80	I	324.52	400	1713884	0.966	414.079	324.482	324.558	SAG
ML	80	I	325.557	800	1719357	-1.604	-498.75	325.481	325.633	CREST
ML	80	I	326.068	1200	1722055	-1.951	-615.07	325.954	326.182	CREST
ML	80	I	326.485	800	1724257	2.576	310.559	326.409	326.561	SAG
ML	80	I	326.958	1400	1726918	-2.623	-533.74	326.825	327.091	CREST
ML	80	I	327.343	800	1728919	2.686	297.841	327.267	327.419	SAG
ML	80	I	327.65	800	1730519	-0.537	-1489.8	327.574	327.726	CREST
ML	80	I	328.035	800	1732520	1.763	453.772	327.959	328.111	SAG
ML	80	I	328.266	1000	1733724	-3.093	-323.31	328.171	328.361	CREST
ML	80	I	328.495	800	1734917	2.977	268.727	328.419	328.571	SAG
ML	80	I	328.688	1000	1735920	-1.856	-538.79	328.593	328.783	CREST
ML	80	I	329.015	400	1737620	-0.821	-487.21	328.977	329.053	CREST
ML	80	I	329.168	600	1738418	1.324	453.172	329.111	329.225	SAG
ML	80	I	329.506	700	1740218	-1.075	-651.16	329.44	329.572	CREST
ML	80	I	329.869	1000	1742119	-1.487	-672.5	329.774	329.964	CREST
ML	80	I	330.191	1000	1743819	2.711	368.868	330.096	330.286	SAG
ML	80	I	330.705	1000	1746522	-1.683	-594.18	330.61	330.8	CREST
ML	80	I	331.374	600	1750062	-1.271	-472.07	331.317	331.431	CREST
ML	80	I	331.819	1200	1752412	2.207	543.725	331.705	331.933	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	332.065	400	1753711	-0.844	-473.93	332.027	332.103	CREST
ML	80	I	332.463	400	1755812	1.234	324.149	332.425	332.501	SAG
ML	80	I	332.784	600	1757512	-1.236	-485.44	332.727	332.841	CREST
ML	80	I	333.636	600	1762011	2.778	215.983	333.579	333.693	SAG
ML	80	I	333.976	1000	1763811	-2.645	-378.07	333.881	334.071	CREST
ML	80	I	334.544	400	1766810	1.469	272.294	334.506	334.582	SAG
ML	80	I	334.829	400	1768315	-0.628	-636.94	334.791	334.867	CREST
ML	80	I	335.719	400	1772990	-0.659	-606.98	335.681	335.757	CREST
ML	80	I	336.45	400	1776787	-0.312	-1282.1	336.412	336.488	CREST
ML	80	I	336.813	400	1778689	1.507	265.428	336.775	336.851	SAG
ML	80	I	337.355	1000	1781540	-2.046	-488.76	337.26	337.45	CREST
ML	80	I	337.677	600	1783235	1.776	337.838	337.62	337.734	SAG
ML	80	I	337.877	400	1784286	-0.635	-629.92	337.839	337.915	CREST
ML	80	I	338.067	400	1785289	0.528	757.576	338.029	338.105	SAG
ML	80	I	338.505	400	1787594	-0.043	-9302.3	338.467	338.543	CREST
ML	80	I	338.922	1000	1789790	1.858	538.213	338.827	339.017	SAG
ML	80	I	339.276	500	1791691	-0.947	-527.98	339.229	339.323	CREST
ML	80	I	339.51	700	1792890	-2.777	-252.07	339.444	339.576	CREST
ML	80	I	340.189	800	1796491	2.777	288.081	340.113	340.265	SAG
ML	80	I	340.567	1600	1798492	-2.876	-556.33	340.415	340.719	CREST
ML	80	I	341.108	800	1801343	2.702	296.077	341.032	341.184	SAG
ML	80	I	341.763	1400	1804791	-2.663	-525.72	341.63	341.896	CREST
ML	80	I	342.011	800	1806095	2.276	351.494	341.935	342.087	SAG
ML	80	I	342.244	1600	1807341	-3.437	-465.52	342.092	342.396	CREST
ML	80	I	342.947	1400	1811042	5.219	268.251	342.814	343.08	SAG
ML	80	I	343.669	1000	1814894	-3.69	-271	343.574	343.764	CREST
ML	80	I	344.587	300	1819794	1.202	249.584	344.559	344.615	SAG
ML	80	I	344.868	200	1821293	-0.79	-253.17	344.849	344.887	CREST
ML	80	I	345.424	300	1824258	0.914	328.228	345.396	345.452	SAG
ML	80	I	345.689	400	1825658	-1.533	-260.93	345.651	345.727	CREST
ML	80	I	345.86	600	1826555	2.331	257.4	345.803	345.917	SAG
ML	80	I	346.136	300	1828007	0.983	305.188	346.108	346.164	SAG
ML	80	I	346.582	800	1830354	-3.063	-261.18	346.506	346.658	CREST
ML	80	I	346.917	400	1832128	0.634	630.915	346.879	346.955	SAG
ML	80	I	347.276	400	1834028	-0.605	-661.16	347.238	347.314	CREST
ML	80	I	347.615	200	1835824	0.875	228.571	347.596	347.634	SAG
ML	80	I	347.852	400	1837075	-0.48	-833.33	347.814	347.89	CREST
ML	80	I	348.088	400	1838326	1.215	329.218	348.05	348.126	SAG
ML	80	I	348.523	400	1840623	-0.579	-690.85	348.485	348.561	CREST
ML	80	I	348.94	400	1842825	-0.425	-941.18	348.902	348.978	CREST
ML	80	I	349.205	400	1844224	0.867	461.361	349.167	349.243	SAG
ML	80	I	349.452	400	1845528	-1.184	-337.84	349.414	349.49	CREST
ML	80	I	349.641	400	1846526	1.425	280.702	349.603	349.679	SAG
ML	80	I	350.115	800	1849029	-2.158	-370.71	350.039	350.191	CREST
ML	80	I	350.569	800	1851426	2.311	346.17	350.493	350.645	SAG
ML	80	I	350.929	400	1853327	-1.245	-321.29	350.891	350.967	CREST
ML	80	I	351.175	400	1854626	1.386	288.6	351.137	351.213	SAG
ML	80	I	351.421	800	1855925	-2.466	-324.41	351.345	351.497	CREST
ML	80	I	351.667	400	1857223	0.99	404.04	351.629	351.705	SAG
ML	80	I	352.349	400	1860824	-0.137	-2919.7	352.311	352.387	CREST
ML	80	I	352.728	600	1862826	1.332	450.45	352.671	352.785	SAG
ML	80	I	353.126	800	1864927	-0.832	-961.54	353.05	353.202	CREST
ML	80	I	353.543	600	1867129	-1.503	-399.2	353.486	353.6	CREST
ML	80	I	353.827	600	1868628	2.585	232.108	353.77	353.884	SAG
ML	80	I	354.054	400	1869827	-0.382	-1047.1	354.016	354.092	CREST
ML	80	I	354.528	800	1872330	-1.491	-536.55	354.452	354.604	CREST
ML	80	I	354.925	600	1874426	2.094	286.533	354.868	354.982	SAG
ML	80	I	355.891	800	1879526	-1.415	-565.37	355.815	355.967	CREST
ML	80	I	356.326	200	1881823	0.421	475.059	356.307	356.345	SAG
ML	80	I	357.122	400	1886026	0.798	501.253	357.084	357.16	SAG
ML	80	I	357.555	600	1888323	-0.608	-986.84	357.498	357.612	CREST
ML	80	I	357.935	1000	1890324	-1.699	-588.58	357.84	358.03	CREST
ML	80	I	358.315	800	1892325	0.964	829.876	358.239	358.391	SAG
ML	80	I	358.599	400	1893824	-0.805	-496.89	358.561	358.637	CREST
ML	80	I	358.803	600	1894848	2.812	213.371	358.746	358.86	SAG
ML	80	I	359.022	400	1895946	1.72	232.558	358.984	359.06	SAG
ML	80	I	359.203	1400	1896849	-4.457	-314.11	359.07	359.336	CREST
ML	80	I	359.827	800	1900096	3.108	257.4	359.751	359.903	SAG
ML	80	I	360.121	1100	1901648	-3.149	-349.32	360.017	360.225	CREST
ML	80	I	360.307	900	1902646	3.548	253.664	360.222	360.392	SAG
ML	80	I	360.526	1000	1903797	-1.71	-584.8	360.431	360.621	CREST
ML	80	I	360.837	400	1905445	0.95	421.053	360.799	360.875	SAG
ML	80	I	361.712	600	1910044	-0.763	-786.37	361.655	361.769	CREST
ML	80	I	362.3	919	1913169	-3.269	-281.13	362.213	362.387	CREST
ML	80	I	362.495	787	1914236	2.642	297.88	362.42	362.57	SAG
ML	80	I	362.627	623	1914959	-0.291	-2140.9	362.568	362.686	CREST
ML	80	I	362.748	656	1915603	0.545	1203.67	362.686	362.81	SAG
ML	80	I	362.836	262	1916072	-0.36	-727.78	362.811	362.861	CREST
ML	80	I	363.038	1000	1917144	-0.182	-5494.5	362.943	363.133	CREST
ML	80	I	363.228	1000	1918148	0.956	1046.03	363.133	363.323	SAG
ML	80	I	363.877	591	1921569	0.002	295500	363.821	363.933	SAG
ML	80	I	364.084	262	1922943	1.096	239.051	364.059	364.109	SAG
ML	80	I	364.199	525	1923550	-0.659	-796.66	364.149	364.249	CREST
ML	80	I	364.259	600	1923867	-0.636	-943.4	364.202	364.316	CREST
ML	80	I	364.794	800	1926697	2.513	318.345	364.718	364.87	SAG
ML	80	I	365.007	394	1927816	-1.877	-209.91	364.97	365.044	CREST
ML	80	I	365.153	394	1928587	-0.418	-942.58	365.116	365.19	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	80	I	365.788	1200	1931940	-2.302	-521.29	365.674	365.902	CREST
ML	80	I	366.185	1000	1934036	2.281	438.404	366.09	366.28	SAG
ML	80	I	366.962	800	1938137	1.782	448.934	366.886	367.038	SAG
ML	80	I	367.433	394	1940668	-1.061	-371.35	367.396	367.47	CREST
ML	80	I	367.872	1400	1942795	2.361	592.969	367.739	368.005	SAG
ML	80	I	368.597	1500	1946692	-3.261	-459.98	368.455	368.739	CREST
ML	80	I	370.045	1200	1954463	-0.716	-1676	369.931	370.159	CREST
ML	80	I	370.386	1200	1956263	1	1200	370.272	370.5	SAG
ML	80	I	370.726	1000	1958064	-0.592	-1689.2	370.631	370.821	CREST
ML	80	I	371.488	1000	1962065	0.25	4000	371.393	371.583	SAG
ML	80	I	372.218	700	1965920	1	700	372.152	372.284	SAG
ML	80	I	372.624	800	1968067	-1.034	-773.69	372.548	372.7	CREST
ML	80	I	373.532	400	1972867	0.458	873.362	373.494	373.57	SAG
ML	80	I	373.759	400	1974065	-0.377	-1061	373.721	373.797	CREST
ML	80	I	374.725	800	1979166	-1.266	-631.91	374.649	374.801	CREST
ML	80	I	375.084	800	1981067	2.28	350.877	375.008	375.16	SAG
ML	80	I	375.378	1366	1982619	-2.39	-571.55	375.249	375.507	CREST
ML	80	I	375.671	400	1984166	1.504	265.957	375.633	375.709	SAG
ML	80	I	376.125	400	1986568	0.887	450.958	376.087	376.163	SAG
ML	80	I	376.417	400	1988115	-1.022	-391.39	376.379	376.455	CREST
ML	80	I	377.013	400	1991267	1.967	203.355	376.975	377.051	SAG
ML	80	I	377.354	1705	1993068	-3.534	-482.46	377.193	377.515	CREST
ML	80	I	377.64	400	1994567	1.789	223.589	377.602	377.678	SAG
ML	80	I	378.283	800	1997963	-1.529	-523.22	378.207	378.359	CREST
ML	80	I	378.605	400	1999663	1.495	267.559	378.567	378.643	SAG
ML	80	I	379.666	400	2005265	-0.636	-628.93	379.628	379.704	CREST
ML	80	I	380.121	400	2007667	2.44	163.934	380.083	380.159	SAG
ML	80	I	380.358	1701	2008919	-3.363	-505.8	380.197	380.519	CREST
ML	80	I	380.632	400	2010365	1.659	241.109	380.594	380.67	SAG
ML	80	I	381.124	400	2012963	1.086	368.324	381.086	381.162	SAG
ML	80	I	381.38	800	2014315	-1.381	-579.29	381.304	381.456	CREST
ML	80	I	382.621	400	2020867	-0.6	-666.67	382.583	382.659	CREST
ML	80	I	383.094	400	2023365	1.67	239.521	383.056	383.132	SAG
ML	80	I	383.359	1900	2024764	-3.466	-548.18	383.179	383.539	CREST
ML	80	I	383.596	600	2026015	3.371	177.989	383.539	383.653	SAG
ML	80	I	383.937	400	2027816	-0.679	-589.1	383.899	383.975	CREST
ML	80	I	384.211	400	2029262	-0.966	-414.08	384.173	384.249	CREST
ML	80	I	384.572	400	2031168	0.935	427.807	384.534	384.61	SAG
ML	80	I	384.874	400	2032763	-0.402	-995.03	384.836	384.912	CREST
ML	80	I	385.215	400	2034563	-0.321	-1246.1	385.177	385.253	CREST
ML	80	I	385.594	400	2036565	-0.424	-943.4	385.556	385.632	CREST
ML	80	I	385.992	400	2038666	2.222	180.018	385.954	386.03	SAG
ML	80	I	386.995	1200	2043962	-2.666	-450.11	386.881	387.109	CREST
ML	80	I	387.948	400	2048994	2.384	167.785	387.91	387.986	SAG
ML	80	I	388.175	400	2050193	2.575	155.34	388.137	388.213	SAG
ML	80	I	388.384	800	2051296	-2.527	-316.58	388.308	388.46	CREST
ML	80	I	388.914	400	2054095	-0.824	-485.44	388.876	388.952	CREST
ML	80	I	390.969	1000	2064945	-1.37	-729.93	390.874	391.064	CREST
ML	80	I	391.385	1000	2067142	-1.289	-775.8	391.29	391.48	CREST
ML	80	I	391.774	400	2069196	2.549	156.924	391.736	391.812	SAG
ML	80	I	396.206	800	2092603	1.856	431.034	396.13	396.282	SAG
ML	80	I	396.452	1600	2093902	-3.513	-455.45	396.3	396.604	CREST
ML	80	I	396.719	800	2095312	1.687	474.215	396.643	396.795	SAG
ML	80	I	400.372	800	2114607	1.692	472.813	400.296	400.448	SAG
ML	80	I	400.599	1500	2115806	-3.331	-450.32	400.457	400.741	CREST
ML	80	I	400.845	800	2117104	2.366	338.123	400.769	400.921	SAG
ML	80	I	401.11	800	2118504	3.103	257.815	401.034	401.186	SAG
ML	80	I	401.451	1800	2120304	-3.93	-458.02	401.281	401.621	CREST
ML	80	I	401.907	600	2122707	1.376	436.047	401.85	401.964	SAG
ML	80	I	402.133	1400	2123905	-3.196	-438.05	402	402.266	CREST
ML	80	I	402.557	600	2126107	2.361	254.13	402.5	402.614	SAG
ML	90	D	0.285	2500	1505	-2.606	-959.33	0.04826	0.52174	CREST
ML	90	D	0.721	2000	3807	-0.752	-2659.6	0.53161	0.91039	CREST
ML	90	D	1.488	2000	7857	4.765	419.727	1.29861	1.67739	SAG
ML	90	D	2.444	2000	12904	-2.592	-771.61	2.25461	2.63339	CREST
ML	90	D	3.418	1400	18052	2.207	634.345	3.28542	3.55058	SAG
ML	90	D	3.807	2400	20106	-2.527	-949.74	3.57973	4.03427	CREST
ML	90	D	4.474	600	23629	0.828	724.638	4.41718	4.53082	SAG
ML	90	D	5.175	2000	27325	-1.409	-1419.4	4.98561	5.36439	CREST
ML	90	D	5.838	2300	30826	2.853	806.169	5.6202	6.0558	SAG
ML	90	D	6.331	1000	33429	-1.569	-637.35	6.2363	6.4257	CREST
ML	90	D	7.477	1000	39427	-0.342	-2924	7.3823	7.5717	CREST
ML	90	D	8.544	1200	45029	3.031	395.909	8.43036	8.65764	SAG
ML	90	D	8.879	2000	46829	-3.367	-594	8.68961	9.06839	CREST
ML	90	D	9.753	1200	51428	-2.52	-476.19	9.63936	9.86664	CREST
ML	90	D	10.424	3100	55029	6.884	450.32	10.1304	10.7176	SAG
ML	90	D	11.249	1800	59327	-6.515	-276.29	11.0785	11.4195	CREST
ML	90	D	11.956	1200	63129	4.277	280.57	11.8424	12.0696	SAG
ML	90	D	12.278	1000	64829	-0.772	-1295.3	12.1833	12.3727	CREST
ML	90	D	12.581	1000	66429	0.926	1079.91	12.4863	12.6757	SAG
ML	90	D	12.865	2000	67928	-1.872	-1068.4	12.6756	13.0544	CREST
ML	90	D	13.254	1000	69982	2.263	441.891	13.1593	13.3487	SAG
ML	90	D	13.699	3000	72332	-2.944	-1019	13.4149	13.9831	CREST
ML	90	D	14.153	800	74729	2.956	270.636	14.0772	14.2288	SAG
ML	90	D	14.516	2400	76640	-3.139	-764.58	14.2887	14.7433	CREST
ML	90	D	15.066	1800	79534	3.315	542.986	14.8955	15.2365	SAG
ML	90	D	15.148	600	88272	-0.346	-1734.1	15.0912	15.2048	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	D	15.369	1200	81128	-1.326	-904.98	15.2554	15.4826	CREST
ML	90	D	15.976	1200	84328	1.946	616.65	15.8624	16.0896	SAG
ML	90	D	16.171	2000	93673	-6.782	-294.9	15.9816	16.3604	CREST
ML	90	D	16.795	600	96963	2.706	221.729	16.7382	16.8518	SAG
ML	90	D	17.42	1400	100263	-1.048	-1335.9	17.2874	17.5526	CREST
ML	90	D	17.799	400	102264	1.717	232.964	17.7611	17.8369	SAG
ML	90	D	18.348	400	105163	-0.232	-1724.1	18.3101	18.3859	CREST
ML	90	D	18.613	400	106562	-0.516	-775.19	18.5751	18.6509	CREST
ML	90	D	19.106	400	109165	-0.485	-824.74	19.0681	19.1439	CREST
ML	90	D	19.9	400	113357	0.249	1606.43	19.8621	19.9379	SAG
ML	90	D	20.184	400	114857	-0.739	-541.27	20.1461	20.2219	CREST
ML	90	D	20.732	500	117761	2.438	205.086	20.6847	20.7793	SAG
ML	90	D	20.977	400	119059	1.186	337.268	20.9391	21.0149	SAG
ML	90	D	21.204	400	120258	-0.417	-959.23	21.1661	21.2419	CREST
ML	90	D	21.488	600	121757	0.468	1282.05	21.4312	21.5448	SAG
ML	90	D	21.857	1000	123701	-2.535	-394.48	21.7623	21.9517	CREST
ML	90	D	25.021	400	140415	1.097	364.631	24.9831	25.0589	SAG
ML	90	D	25.312	1600	141967	-0.734	-2179.8	25.1605	25.4635	CREST
ML	90	D	25.567	600	143313	1.369	438.276	25.5102	25.6238	SAG
ML	90	D	25.851	600	144813	0.207	2898.55	25.7942	25.9078	SAG
ML	90	D	26.307	800	147215	1.093	731.93	26.2312	26.3828	SAG
ML	90	D	26.901	1200	150350	-1.838	-652.88	26.7874	27.0146	CREST
ML	90	D	28.01	1000	156200	1.875	533.333	27.9153	28.1047	SAG
ML	90	D	30.477	2400	169220	-4.11	-583.94	30.2497	30.7043	CREST
ML	90	D	31.143	1000	172742	-1.648	-606.8	31.0483	31.2377	CREST
ML	90	D	32.07	1000	177642	1.958	510.725	31.9753	32.1647	SAG
ML	90	D	32.45	800	179649	-0.924	-865.8	32.3742	32.5258	CREST
ML	90	D	33.01	1400	182612	3.939	355.42	32.8774	33.1426	SAG
ML	90	D	33.624	1600	185859	-1.403	-1140.4	33.4725	33.7755	CREST
ML	90	D	37.668	400	207211	1.615	247.678	37.6301	37.7059	SAG
ML	90	D	38.356	400	210833	0.9	444.444	38.3181	38.3939	SAG
ML	90	D	38.904	1400	213716	-2.059	-679.94	38.7714	39.0366	CREST
ML	90	D	39.665	2800	217728	-4.127	-678.46	39.3998	39.9302	CREST
ML	90	D	40.39	1600	221545	5.719	279.769	40.2385	40.5415	SAG
ML	90	D	41.225	1400	225945	-2.447	-572.13	41.0924	41.3576	CREST
ML	90	D	41.681	1000	228345	3.44	290.698	41.5863	41.7757	SAG
ML	90	D	42.575	3200	233064	-6.67	-479.76	42.272	42.878	CREST
ML	90	D	43.437	1000	237614	-2.187	-457.25	43.3423	43.5317	CREST
ML	90	D	44.194	2400	241614	10.01	239.76	43.9667	44.4213	SAG
ML	90	D	45.186	4000	246864	-4.899	-816.49	44.8072	45.5648	CREST
ML	90	D	51.008	1800	277629	0.423	4255.32	50.8375	51.1785	SAG
ML	90	D	51.287	400	279129	-0.811	-493.22	51.2491	51.3249	CREST
ML	90	D	51.631	600	280929	0.851	705.053	51.5742	51.6878	SAG
ML	90	D	52.027	3200	283023	-2.159	-1482.2	51.724	52.33	CREST
ML	90	D	53.12	1000	288823	-1.014	-986.19	53.0253	53.2147	CREST
ML	90	D	53.779	800	292323	3.555	225.035	53.7032	53.8548	SAG
ML	90	D	54.198	1600	294523	-3.679	-434.9	54.0465	54.3495	CREST
ML	90	D	54.749	600	297423	2.508	239.234	54.6922	54.8058	SAG
ML	90	D	55.453	1200	301123	2.277	527.009	55.3394	55.5666	SAG
ML	90	D	55.831	400	303113	-0.784	-510.2	55.7931	55.8689	CREST
ML	90	D	56.395	900	306091	-2.744	-327.99	56.3098	56.4802	CREST
ML	90	D	56.679	400	307590	1.152	347.222	56.6411	56.7169	SAG
ML	90	D	57.039	1100	309491	-2.44	-450.82	56.9348	57.1432	CREST
ML	90	D	57.75	400	313265	2.028	197.239	57.7121	57.7879	SAG
ML	90	D	57.957	800	314364	-2.272	-352.11	57.8812	58.0328	CREST
ML	90	D	58.296	600	316164	2.798	214.439	58.2392	58.3528	SAG
ML	90	D	58.67	600	318144	2.217	270.636	58.6132	58.7268	SAG
ML	90	D	59.826	600	324248	1.204	498.339	59.7692	59.8828	SAG
ML	90	D	60.679	1200	328752	-3.532	-339.75	60.5654	60.7926	CREST
ML	90	D	60.982	600	330352	-1.657	-362.1	60.9252	61.0388	CREST
ML	90	D	61.596	600	333602	2.587	231.929	61.5392	61.6528	SAG
ML	90	D	62.238	1200	337002	-3.206	-374.3	62.1244	62.3516	CREST
ML	90	D	62.655	600	339204	1.796	334.076	62.5982	62.7118	SAG
ML	90	D	63.108	600	341601	-1.207	-497.1	63.0512	63.1648	CREST
ML	90	D	63.41	800	343201	3.149	254.049	63.3342	63.4858	SAG
ML	90	D	64.432	1800	348597	-4.225	-426.04	64.2615	64.6025	CREST
ML	90	D	64.942	800	351295	2.38	336.134	64.8662	65.0178	SAG
ML	90	D	65.323	400	353306	-0.394	-1015.2	65.2851	65.3609	CREST
ML	90	D	65.741	400	355508	0.88	454.545	65.7031	65.7789	SAG
ML	90	D	66.082	400	357409	-0.654	-611.62	66.0441	66.1199	CREST
ML	90	D	66.786	400	361110	1.228	325.733	66.7481	66.8239	SAG
ML	90	D	67.101	600	362761	-0.751	-798.94	67.0442	67.1578	CREST
ML	90	D	67.69	400	365860	1.238	323.102	67.6521	67.7279	SAG
ML	90	D	68.576	1400	370559	-3.858	-362.88	68.4434	68.7086	CREST
ML	90	D	68.934	400	372455	-0.236	-1694.9	68.8961	68.9719	CREST
ML	90	D	69.009	400	372856	1.825	219.178	68.9711	69.0469	SAG
ML	90	D	70.133	400	378714	0.941	425.08	70.0951	70.1709	SAG
ML	90	D	70.528	400	380815	1.608	248.756	70.4901	70.5659	SAG
ML	90	D	70.894	1600	382758	-4.12	-388.35	70.7425	71.0455	CREST
ML	90	D	71.6	600	386507	2.513	238.758	71.5432	71.6568	SAG
ML	90	D	72.315	600	390304	-1.435	-418.12	72.2582	72.3718	CREST
ML	90	D	73.089	900	394337	5.036	178.713	73.0038	73.1742	SAG
ML	90	D	73.394	400	395936	1.511	264.725	73.3561	73.4319	SAG
ML	90	D	74.229	400	400291	-3.354	-119.26	74.1911	74.2669	CREST
ML	90	D	75.198	1400	405350	-2.425	-577.32	75.0654	75.3306	CREST
ML	90	D	75.58	1000	407367	3.69	271.003	75.4853	75.6747	SAG
ML	90	D	76.106	2000	410191	-2.871	-696.62	75.9166	76.2954	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	D	76.685	400	413301	0.642	623.053	76.6471	76.7229	SAG
ML	90	D	77.15	400	415798	1.176	340.136	77.1121	77.1879	SAG
ML	90	D	77.474	400	417535	1.242	322.061	77.4361	77.5119	SAG
ML	90	D	78.151	2000	421077	-5.594	-357.53	77.9616	78.3404	CREST
ML	90	D	78.557	800	423178	3.402	235.156	78.4812	78.6328	SAG
ML	90	D	78.769	600	424277	2.454	244.499	78.7122	78.8258	SAG
ML	90	D	79.116	1600	426077	-4.666	-342.91	78.9645	79.2675	CREST
ML	90	D	79.46	600	427878	1.5	400	79.4032	79.5168	SAG
ML	90	D	80.37	400	432714	-0.265	-1509.4	80.3321	80.4079	CREST
ML	90	D	81.25	600	437362	2.429	247.015	81.1932	81.3068	SAG
ML	90	D	81.63	1200	439363	-3.623	-331.22	81.5164	81.7436	CREST
ML	90	D	82.225	400	442504	1.084	369.004	82.1871	82.2629	SAG
ML	90	D	82.92	400	446211	-0.984	-406.5	82.8821	82.9579	CREST
ML	90	D	83.218	400	447786	-0.421	-950.12	83.1801	83.2559	CREST
ML	90	D	83.539	400	449483	1.647	242.866	83.5011	83.5769	SAG
ML	90	D	84.238	900	453177	0.983	915.565	84.1528	84.3232	SAG
ML	90	D	84.432	300	454199	-20.685	-14.503	84.4036	84.4604	CREST
ML	90	D	84.472	120	454409	16.974	7.07	84.4606	84.4834	SAG
ML	90	D	84.616	600	455169	2.312	259.516	84.5592	84.6728	SAG
ML	90	D	84.618	600	455178	2.888	207.756	84.5612	84.6748	SAG
ML	90	D	84.722	200	455729	-0.585	-341.88	84.7031	84.7409	CREST
ML	90	D	84.902	400	456678	0.948	421.941	84.8641	84.9399	SAG
ML	90	D	84.944	700	456899	1.875	373.333	84.8777	85.0103	SAG
ML	90	D	85.035	140	457379	-0.542	-258.3	85.0217	85.0483	CREST
ML	90	D	85.091	100	457679	-0.383	-261.1	85.0815	85.1005	CREST
ML	90	D	85.27	1600	458626	-3.95	-405.06	85.1185	85.4215	CREST
ML	90	D	85.28	1400	458679	-3.652	-383.35	85.1474	85.4126	CREST
ML	90	D	85.44	200	459526	0.702	284.9	85.4211	85.4589	SAG
ML	90	D	85.515	520	459926	-1.5	-346.67	85.4658	85.5642	CREST
ML	90	D	85.591	200	460326	0.701	285.307	85.5721	85.6099	SAG
ML	90	D	85.746	600	461146	2.522	237.906	85.6892	85.8028	SAG
ML	90	D	85.817	100	461526	-0.086	-1162.8	85.8075	85.8265	CREST
ML	90	D	85.972	1200	462343	-3.051	-393.31	85.8584	86.0856	CREST
ML	90	D	85.978	1500	462376	-3.912	-383.44	85.836	86.12	CREST
ML	90	D	86.142	100	463244	0.284	352.113	86.1325	86.1515	SAG
ML	90	D	86.474	400	465004	1.006	397.614	86.4361	86.5119	SAG
ML	90	D	86.5	400	465145	1.182	338.409	86.4621	86.5379	SAG
ML	90	D	86.593	180	465634	0.6	300	86.576	86.61	SAG
ML	90	D	86.657	500	465974	-1.765	-283.29	86.6097	86.7043	CREST
ML	90	D	86.721	180	466314	0.811	221.948	86.704	86.738	SAG
ML	90	D	86.878	100	467144	-0.131	-763.36	86.8685	86.8875	CREST
ML	90	D	86.944	400	467494	1.06	377.358	86.9061	86.9819	SAG
ML	90	D	86.989	100	467734	-0.224	-446.43	86.9795	86.9985	CREST
ML	90	D	87.038	120	467994	0.351	341.88	87.0266	87.0494	SAG
ML	90	D	87.125	800	468454	-1.962	-407.75	87.0492	87.2008	CREST
ML	90	D	87.132	400	468492	-0.608	-657.9	87.0941	87.1699	CREST
ML	90	D	87.264	400	469194	0.419	954.654	87.2261	87.3019	SAG
ML	90	D	87.378	400	469794	-0.778	-514.14	87.3401	87.4159	CREST
ML	90	D	87.463	400	470244	1.926	207.684	87.4251	87.5009	SAG
ML	90	D	87.564	680	470784	-2.211	-307.55	87.4996	87.6284	CREST
ML	90	D	87.685	420	471424	0.723	580.913	87.6452	87.7248	SAG
ML	90	D	87.793	400	471993	2.01	199.005	87.7551	87.8309	SAG
ML	90	D	87.849	320	472294	-0.671	-476.9	87.8187	87.8793	CREST
ML	90	D	87.981	200	472994	-0.258	-775.19	87.9621	87.9999	CREST
ML	90	D	88.098	100	473614	0.023	4347.83	88.0885	88.1075	SAG
ML	90	D	88.132	800	473793	0.577	1386.48	88.0562	88.2078	SAG
ML	90	D	88.166	620	473974	-2.057	-301.41	88.1073	88.2247	CREST
ML	90	D	88.232	80	474324	1.622	49.322	88.2244	88.2396	SAG
ML	90	D	89.19	400	479295	3.51	113.96	89.1521	89.2279	SAG
ML	90	D	89.416	400	480494	0.395	1012.66	89.3781	89.4539	SAG
ML	90	D	90.02	1400	483693	-4.092	-342.13	89.8874	90.1526	CREST
ML	90	D	90.534	600	486414	3.276	183.15	90.4772	90.5908	SAG
ML	90	D	91.17	400	489822	1.759	227.402	91.1321	91.2079	SAG
ML	90	D	91.319	600	490620	-1.92	-312.5	91.2622	91.3758	CREST
ML	90	D	91.578	400	491935	0.325	1230.77	91.5401	91.6159	SAG
ML	90	D	92.162	600	495034	-1.512	-396.83	92.1052	92.2188	CREST
ML	90	D	92.645	400	497602	0.893	447.928	92.6071	92.6829	SAG
ML	90	D	93.305	400	501103	-0.792	-505.05	93.2671	93.3429	CREST
ML	90	D	93.531	400	502306	1.082	369.686	93.4931	93.5689	SAG
ML	90	D	93.87	400	504107	-0.427	-936.77	93.8321	93.9079	CREST
ML	90	D	94.803	400	509031	0.493	811.359	94.7651	94.8409	SAG
ML	90	D	95.182	600	511032	-1.401	-428.27	95.1252	95.2388	CREST
ML	90	D	95.371	400	512030	1.369	292.184	95.3331	95.4089	SAG
ML	90	D	96.703	600	519061	-1.68	-357.14	96.6462	96.7598	CREST
ML	90	D	97.309	600	522261	2.813	213.295	97.2522	97.3658	SAG
ML	90	D	97.632	400	523961	-0.667	-599.7	97.5941	97.6699	CREST
ML	90	D	97.973	400	525762	0.67	597.015	97.9351	98.0109	SAG
ML	90	D	98.238	1000	527160	-2.36	-423.73	98.1433	98.3327	CREST
ML	90	D	99.033	400	531357	2.1	190.476	98.9951	99.0709	SAG
ML	90	D	99.771	1000	535259	-2.1	-476.19	99.6763	99.8657	CREST
ML	90	D	100.355	400	538341	2.23	179.372	100.317	100.393	SAG
ML	90	D	101.558	1800	544693	-4.079	-441.29	101.388	101.728	CREST
ML	90	D	101.979	600	546915	3.2	187.5	101.922	102.036	SAG
ML	90	D	103.108	400	552846	-0.688	-581.4	103.07	103.146	CREST
ML	90	D	103.477	600	554799	2.445	245.399	103.42	103.534	SAG
ML	90	D	103.779	1200	556398	-3.323	-361.12	103.665	103.893	CREST
ML	90	D	104.308	600	559197	3.189	188.147	104.251	104.365	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	D	105.248	600	564164	-1.567	-382.9	105.191	105.305	CREST
ML	90	D	105.572	400	565878	1.601	249.844	105.534	105.61	SAG
ML	90	D	105.925	1000	567726	-2.09	-478.47	105.83	106.02	CREST
ML	90	D	106.427	400	570395	1.356	294.985	106.389	106.465	SAG
ML	90	D	106.882	400	572793	0.766	522.193	106.844	106.92	SAG
ML	90	D	107.362	400	575326	-0.399	-1002.5	107.324	107.4	CREST
ML	90	D	107.827	1200	577776	-3.199	-375.12	107.713	107.941	CREST
ML	90	D	109.053	600	584237	2.548	235.479	108.996	109.11	SAG
ML	90	D	109.61	400	587173	0.864	462.963	109.572	109.648	SAG
ML	90	D	110.202	1800	590294	-5.256	-342.47	110.032	110.372	CREST
ML	90	D	111.736	600	598382	2.614	229.533	111.679	111.793	SAG
ML	90	D	112.003	800	599781	-2.362	-338.7	111.927	112.079	CREST
ML	90	D	112.707	1000	603454	4.198	238.209	112.612	112.802	SAG
ML	90	D	112.954	1000	604753	-3.025	-330.58	112.859	113.049	CREST
ML	90	D	113.324	600	606706	3.535	169.731	113.267	113.381	SAG
ML	90	D	114.886	800	615054	-1.16	-689.66	114.81	114.962	CREST
ML	90	D	115.303	400	617256	1.779	224.845	115.265	115.341	SAG
ML	90	D	115.718	1600	619452	-4.897	-326.73	115.566	115.87	CREST
ML	90	D	116.534	800	623744	4.148	192.864	116.458	116.61	SAG
ML	90	D	117.046	1400	626395	-3.956	-353.89	116.913	117.179	CREST
ML	90	D	117.942	400	631127	2.029	197.141	117.904	117.98	SAG
ML	90	D	118.197	400	632479	0.982	407.332	118.159	118.235	SAG
ML	90	D	118.813	1000	635753	-2.969	-336.81	118.718	118.908	CREST
ML	90	D	119.151	800	637548	4.228	189.215	119.075	119.227	SAG
ML	90	D	119.679	1000	640352	-2.73	-366.3	119.584	119.774	CREST
ML	90	D	120.677	600	645637	-1.151	-521.29	120.62	120.734	CREST
ML	90	D	122.481	400	655154	1.056	378.788	122.443	122.519	SAG
ML	90	D	123.608	400	661115	-0.636	-628.93	123.57	123.646	CREST
ML	90	D	123.917	800	662700	2.073	385.914	123.841	123.993	SAG
ML	90	D	124.264	1600	664500	-2.309	-692.94	124.112	124.416	CREST
ML	90	D	124.51	1000	665799	4.157	240.558	124.415	124.605	SAG
ML	90	D	125.137	2600	669099	-5.626	-462.14	124.891	125.383	CREST
ML	90	D	125.683	800	671979	2.329	343.495	125.607	125.759	SAG
ML	90	D	126.147	1600	674429	-2.18	-733.95	125.995	126.299	CREST
ML	90	D	126.536	1000	676483	3.153	317.158	126.441	126.631	SAG
ML	90	D	126.752	1300	677629	-0.799	-1627	126.629	126.875	CREST
ML	90	D	127.025	1000	679081	0.775	1290.32	126.93	127.12	SAG
ML	90	D	127.366	1800	680882	-3.015	-597.02	127.196	127.536	CREST
ML	90	D	127.739	1000	682830	5.639	177.336	127.644	127.834	SAG
ML	90	D	128.106	2400	684783	-5.932	-404.59	127.879	128.333	CREST
ML	90	D	128.551	1000	687133	2.6	384.615	128.456	128.646	SAG
ML	90	D	128.824	1000	688574	0.528	1893.94	128.729	128.919	SAG
ML	90	D	129.297	1000	691072	2.803	356.761	129.202	129.392	SAG
ML	90	D	129.667	2800	693025	-6.674	-419.54	129.402	129.932	CREST
ML	90	D	130.083	700	695222	2.708	258.493	130.017	130.149	SAG
ML	90	D	130.263	1200	696172	-2.708	-443.13	130.149	130.377	CREST
ML	90	D	130.519	1400	697524	4.155	336.943	130.386	130.652	SAG
ML	90	D	130.832	800	699177	-1.064	-751.88	130.756	130.908	CREST
ML	90	D	131.286	2000	701574	3.648	548.246	131.097	131.475	SAG
ML	90	D	131.779	2800	704177	-6.257	-447.5	131.514	132.044	CREST
ML	90	D	132.242	1200	706621	4.169	287.839	132.128	132.356	SAG
ML	90	D	132.707	1400	709076	-2.746	-509.83	132.574	132.84	CREST
ML	90	D	133.455	1800	713025	2.397	750.939	133.285	133.625	SAG
ML	90	D	133.985	3000	715823	-0.932	-3218.9	133.701	134.269	CREST
ML	90	D	134.402	1000	718025	-2.215	-451.47	134.307	134.497	CREST
ML	90	D	134.644	1000	719277	3.397	294.377	134.549	134.739	SAG
ML	90	D	135.157	1400	722373	-1.686	-830.37	135.024	135.29	CREST
ML	90	D	135.517	1200	724273	-2.67	-449.44	135.403	135.631	CREST
ML	90	D	135.755	1300	725525	5.222	248.947	135.632	135.878	SAG
ML	90	D	136.171	2000	727721	-3.977	-502.89	135.982	136.36	CREST
ML	90	D	136.512	1200	729522	2.519	476.38	136.398	136.626	SAG
ML	90	D	137.345	2400	733925	-2.119	-1132.6	137.118	137.572	CREST
ML	90	D	137.799	1000	736322	2.188	457.038	137.704	137.894	SAG
ML	90	D	138.235	3000	738624	-1.442	-2080.4	137.951	138.519	CREST
ML	90	D	138.746	800	741322	1.23	650.407	138.67	138.822	SAG
ML	90	D	139.03	600	742822	-1.463	-410.12	138.973	139.087	CREST
ML	90	D	139.22	600	743825	0.888	675.676	139.163	139.277	SAG
ML	90	D	139.466	800	745124	0.566	1413.43	139.39	139.542	SAG
ML	90	D	139.759	800	746672	-0.858	-932.4	139.683	139.835	CREST
ML	90	D	140.043	1000	748172	0.066	15151.5	139.948	140.138	SAG
ML	90	D	140.327	1000	749671	0.284	3521.13	140.232	140.422	SAG
ML	90	D	141.237	400	754471	-0.014	-28571	141.199	141.275	CREST
ML	90	D	141.667	1200	756748	1.013	1184.6	141.553	141.781	SAG
ML	90	D	142.047	1200	758749	-1.913	-627.29	141.933	142.161	CREST
ML	90	D	142.682	2400	762102	1.548	1550.39	142.455	142.909	SAG
ML	90	D	143.174	1400	764700	-1.205	-1161.8	143.041	143.307	CREST
ML	90	D	143.705	1400	767503	1.202	1164.73	143.572	143.838	SAG
ML	90	D	144.102	1200	769600	2.111	568.451	143.988	144.216	SAG
ML	90	D	144.368	1400	771004	-2.963	-472.49	144.235	144.501	CREST
ML	90	D	144.973	1000	774198	-0.346	-2890.2	144.878	145.068	CREST
ML	90	D	145.182	1000	775302	-1.027	-973.71	145.087	145.277	CREST
ML	90	D	145.501	1000	776985	2.576	388.199	145.406	145.596	SAG
ML	90	D	145.785	600	778484	-1.311	-457.67	145.728	145.842	CREST
ML	90	D	146.278	400	781082	-0.264	-1515.2	146.24	146.316	CREST
ML	90	D	146.458	700	782033	2.801	249.911	146.392	146.524	SAG
ML	90	D	146.719	2050	783411	-4.475	-458.1	146.525	146.913	CREST
ML	90	D	146.961	500	784683	2.362	211.685	146.914	147.008	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	D	147.454	400	787281	-0.416	-961.54	147.416	147.492	CREST
ML	90	D	147.582	400	787983	0.466	858.369	147.544	147.62	SAG
ML	90	D	148.132	800	790882	1.291	619.675	148.056	148.208	SAG
ML	90	D	148.436	400	792482	2.172	184.162	148.398	148.474	SAG
ML	90	D	148.701	2400	793881	-5.409	-443.71	148.474	148.928	CREST
ML	90	D	149.053	500	795735	1.81	276.243	149.006	149.1	SAG
ML	90	D	149.29	400	796987	-0.068	-5882.4	149.252	149.328	CREST
ML	90	D	149.906	800	800239	-0.463	-1727.9	149.83	149.982	CREST
ML	90	D	150.276	400	802187	0.357	1120.45	150.238	150.314	SAG
ML	90	D	151.147	400	806786	-0.144	-2777.8	151.109	151.185	CREST
ML	90	D	151.726	600	809838	2.039	294.262	151.669	151.783	SAG
ML	90	D	152.02	2200	811390	-4.232	-519.85	151.812	152.228	CREST
ML	90	D	152.321	400	812990	2.612	153.139	152.283	152.359	SAG
ML	90	D	152.596	600	814437	0.478	1255.23	152.539	152.653	SAG
ML	90	D	153.318	600	818262	0.981	611.621	153.261	153.375	SAG
ML	90	D	153.791	800	820760	2.249	355.714	153.715	153.867	SAG
ML	90	D	154.182	1600	822861	-2.623	-609.99	154.03	154.334	CREST
ML	90	D	154.528	600	824656	1.591	377.121	154.471	154.585	SAG
ML	90	D	155.348	1800	828990	-5.41	-332.72	155.178	155.518	CREST
ML	90	D	155.935	800	832089	4.373	182.941	155.859	156.011	SAG
ML	90	D	156.2	1000	833488	-3.04	-328.95	156.105	156.295	CREST
ML	90	D	156.569	800	835437	3.63	220.386	156.493	156.645	SAG
ML	90	D	157.185	1700	838689	-5.067	-335.5	157.024	157.346	CREST
ML	90	D	157.535	1000	840537	2.476	403.877	157.44	157.63	SAG
ML	90	D	157.914	1000	842538	-0.881	-1135.1	157.819	158.009	CREST
ML	90	D	158.395	500	845073	-0.656	-762.2	158.348	158.442	CREST
ML	90	D	158.767	1000	847037	0.325	3076.92	158.672	158.862	SAG
ML	90	D	159.099	600	848790	2.211	271.37	159.042	159.156	SAG
ML	90	D	159.857	800	852792	-1.803	-443.71	159.781	159.933	CREST
ML	90	D	160.453	600	855939	1.022	587.084	160.396	160.51	SAG
ML	90	D	160.994	900	858790	-0.846	-1063.8	160.909	161.079	CREST
ML	90	D	161.515	800	861541	4.014	199.302	161.439	161.591	SAG
ML	90	D	162.006	800	864139	-1.617	-494.74	161.93	162.082	CREST
ML	90	D	162.394	600	866187	-0.522	-1149.4	162.337	162.451	CREST
ML	90	D	162.698	600	867793	1.96	306.122	162.641	162.755	SAG
ML	90	D	163.076	2400	869788	-5.709	-420.39	162.849	163.303	CREST
ML	90	D	163.549	800	872286	1.712	467.29	163.473	163.625	SAG
ML	90	D	164.004	800	874689	0.752	1063.83	163.928	164.08	SAG
ML	90	D	164.497	800	877292	2.089	382.958	164.421	164.573	SAG
ML	90	D	165.169	400	880837	0.684	584.795	165.131	165.207	SAG
ML	90	D	165.649	2400	883387	-4.278	-561.01	165.422	165.876	CREST
ML	90	D	166.097	400	885737	1.073	372.787	166.059	166.135	SAG
ML	90	D	166.428	400	887490	0.536	746.269	166.39	166.466	SAG
ML	90	D	167.563	400	893488	0.817	489.596	167.525	167.601	SAG
ML	90	D	167.81	400	894792	0.369	1084.01	167.772	167.848	SAG
ML	90	D	168.112	800	896387	-2.249	-355.71	168.036	168.188	CREST
ML	90	D	168.264	800	897189	4.376	182.815	168.188	168.34	SAG
ML	90	D	168.435	400	898092	-0.871	-459.24	168.397	168.473	CREST
ML	90	D	168.699	1100	899486	-2.208	-498.19	168.595	168.803	CREST
ML	90	D	168.888	900	900489	-2.25	-400	168.803	168.973	CREST
ML	90	D	169.058	400	901387	1.675	238.806	169.02	169.096	SAG
ML	90	D	169.229	400	902290	-0.56	-714.29	169.191	169.267	CREST
ML	90	D	169.456	1200	903488	4.338	276.625	169.342	169.57	SAG
ML	90	D	169.703	400	904787	-1.134	-352.73	169.665	169.741	CREST
ML	90	D	169.855	400	905590	0.729	548.697	169.817	169.893	SAG
ML	90	D	170.299	1200	907939	-2.281	-526.09	170.185	170.413	CREST
ML	90	D	170.479	300	908890	0.486	617.284	170.451	170.507	SAG
ML	90	D	170.668	1400	909888	1.705	821.114	170.535	170.801	SAG
ML	90	D	171.121	2200	912282	-6.504	-338.25	170.913	171.329	CREST
ML	90	D	171.88	1400	916284	5.999	233.372	171.747	172.013	SAG
ML	90	D	172.447	1800	919283	-1.801	-999.45	172.277	172.617	CREST
ML	90	D	173.11	1400	922784	2.75	509.091	172.977	173.243	SAG
ML	90	D	173.662	1000	925699	-2.501	-399.84	173.567	173.757	CREST
ML	90	D	174.115	1400	928145	2.049	683.26	173.982	174.248	SAG
ML	90	D	174.493	1600	930146	-1.094	-1462.5	174.341	174.645	CREST
ML	90	D	175.195	1400	933847	1.595	877.743	175.062	175.328	SAG
ML	90	D	176.35	400	939946	-0.314	-1273.9	176.312	176.388	CREST
ML	90	D	177.316	2200	945046	-5.201	-423	177.108	177.524	CREST
ML	90	D	177.941	400	948346	3.429	116.652	177.903	177.979	SAG
ML	90	D	181.69	800	968146	0.086	9302.33	181.614	181.766	SAG
ML	90	D	182.372	600	971747	1.688	355.45	182.315	182.429	SAG
ML	90	D	182.978	1000	974947	-1.979	-505.31	182.883	183.073	CREST
ML	90	D	183.886	1200	979746	-2.019	-594.35	183.772	184	CREST
ML	90	D	184.463	1400	982798	-2.817	-496.98	184.33	184.596	CREST
ML	90	D	185.164	500	986505	1.644	304.136	185.117	185.211	SAG
ML	90	D	185.248	382	986948	0.77	496.104	185.212	185.284	SAG
ML	90	D	185.447	900	987999	3.934	228.775	185.362	185.532	SAG
ML	90	D	185.785	2400	989800	-5.208	-460.83	185.558	186.012	CREST
ML	90	D	186.344	1000	992746	4.11	243.309	186.249	186.439	SAG
ML	90	D	186.953	1600	995951	-3.6	-444.44	186.801	187.105	CREST
ML	90	D	187.672	600	999747	-0.266	-2255.6	187.615	187.729	CREST
ML	90	D	188.336	1000	1003248	1.672	598.086	188.241	188.431	SAG
ML	90	D	188.742	1000	1005397	1.925	519.481	188.647	188.837	SAG
ML	90	D	189.008	1800	1006801	-3.481	-517.09	188.838	189.178	CREST
ML	90	D	189.282	800	1008248	1.126	710.48	189.206	189.358	SAG
ML	90	D	189.623	800	1010048	0.929	861.141	189.547	189.699	SAG
ML	90	D	189.888	600	1011448	-0.356	-1685.4	189.831	189.945	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	D	190.418	1200	1014251	-2.614	-459.07	190.304	190.532	CREST
ML	90	D	190.665	1000	1015550	2.676	373.692	190.57	190.76	SAG
ML	90	D	191.081	600	1017747	0.774	775.194	191.024	191.138	SAG
ML	90	D	191.29	600	1018850	-0.575	-1043.5	191.233	191.347	CREST
ML	90	D	191.688	1000	1020952	2.616	382.263	191.593	191.783	SAG
ML	90	D	192.028	1800	1022747	-3.899	-461.66	191.858	192.198	CREST
ML	90	D	192.407	1200	1024748	1.677	715.564	192.293	192.521	SAG
ML	90	D	192.824	1400	1026950	3.573	391.828	192.691	192.957	SAG
ML	90	D	193.174	2000	1028798	-6.818	-293.34	192.985	193.363	CREST
ML	90	D	193.761	1600	1031897	3.655	437.756	193.609	193.913	SAG
ML	90	D	194.035	800	1033344	-0.888	-900.9	193.959	194.111	CREST
ML	90	D	194.793	1200	1037346	-1.363	-880.41	194.679	194.907	CREST
ML	90	D	195.304	1000	1040044	1.684	593.824	195.209	195.399	SAG
ML	90	D	195.569	1600	1041444	-3.117	-513.31	195.417	195.721	CREST
ML	90	D	196.317	1000	1045393	3.282	304.692	196.222	196.412	SAG
ML	90	D	196.677	1600	1047294	-2.992	-534.76	196.525	196.829	CREST
ML	90	D	197.16	800	1049844	1.354	590.842	197.084	197.236	SAG
ML	90	D	197.728	1400	1052843	5.397	259.403	197.595	197.861	SAG
ML	90	D	198.145	2000	1055045	-6.595	-303.26	197.956	198.334	CREST
ML	90	D	198.903	1000	1059047	3.882	257.599	198.808	198.998	SAG
ML	90	D	199.338	1000	1061344	1.45	689.655	199.243	199.433	SAG
ML	90	D	199.906	2100	1064343	-4.776	-439.7	199.707	200.105	CREST
ML	90	D	200.815	1000	1069142	-1.333	-750.19	200.72	200.91	CREST
ML	90	D	201.459	1600	1072548	5.779	276.865	201.307	201.611	SAG
ML	90	D	202.047	3000	1075647	-4.571	-656.31	201.763	202.331	CREST
ML	90	D	202.615	1200	1078646	1.216	986.842	202.501	202.729	SAG
ML	90	D	203.098	1000	1081195	-0.431	-2320.2	203.003	203.193	CREST
ML	90	D	203.591	1200	1083798	-1.919	-625.33	203.477	203.705	CREST
ML	90	D	204.149	1200	1086744	2.517	476.758	204.035	204.263	SAG
ML	90	D	204.945	800	1090947	0.135	5925.93	204.869	205.021	SAG
ML	90	D	205.324	3000	1092948	2.863	1047.85	205.04	205.608	SAG
ML	90	D	205.986	4000	1096449	-2.31	-1731.6	205.607	206.365	CREST
ML	90	D	207.002	1000	1101815	0.596	1677.85	206.907	207.097	SAG
ML	90	I	0.285	2500	1505	-2.997	-834.17	0.04826	0.52174	CREST
ML	90	I	0.721	2000	3807	-0.172	-11628	0.53161	0.91039	CREST
ML	90	I	1.516	2000	8004	4.587	436.015	1.32661	1.70539	SAG
ML	90	I	2.558	2000	13506	-2.606	-767.46	2.36861	2.74739	CREST
ML	90	I	3.418	1400	18052	1.723	812.536	3.28542	3.55058	SAG
ML	90	I	3.807	2400	20106	-2.012	-1192.8	3.57973	4.03427	CREST
ML	90	I	4.478	600	23629	0.8	750	4.42118	4.53482	SAG
ML	90	I	5.184	2000	27325	-1.409	-1419.4	4.99461	5.37339	CREST
ML	90	I	5.852	2300	30826	2.853	806.169	5.6342	6.0698	SAG
ML	90	I	6.349	1000	33429	-1.569	-637.35	6.2543	6.4437	CREST
ML	90	I	7.485	1000	39427	-0.342	-2924	7.3903	7.5797	CREST
ML	90	I	8.544	1200	45029	3.031	395.909	8.43036	8.65764	SAG
ML	90	I	8.879	2000	46829	-3.389	-590.15	8.68961	9.06839	CREST
ML	90	I	9.753	1200	51428	-2.499	-480.19	9.63936	9.86664	CREST
ML	90	I	10.425	3100	55029	6.75	459.259	10.1314	10.7186	SAG
ML	90	I	11.273	1800	59427	-6.506	-276.67	11.1025	11.4435	CREST
ML	90	I	11.974	1200	63129	4.402	272.603	11.8604	12.0876	SAG
ML	90	I	12.296	1000	64829	-0.46	-2173.9	12.2013	12.3907	CREST
ML	90	I	12.599	1000	66429	0.613	1631.32	12.5043	12.6937	SAG
ML	90	I	12.883	2000	67928	-1.872	-1068.4	12.6936	13.0724	CREST
ML	90	I	13.272	1000	69982	2.263	441.891	13.1773	13.3667	SAG
ML	90	I	13.717	3000	72332	-2.944	-1019	13.4329	14.0011	CREST
ML	90	I	14.171	800	74729	2.956	270.636	14.0952	14.2468	SAG
ML	90	I	14.531	2400	76640	-3.139	-764.58	14.3037	14.7583	CREST
ML	90	I	15.075	1800	79534	3.315	542.986	14.9045	15.2455	SAG
ML	90	I	15.148	600	88272	-0.346	-1734.1	15.0912	15.2048	CREST
ML	90	I	15.375	1200	81128	-1.326	-904.98	15.2614	15.4886	CREST
ML	90	I	15.976	1200	84328	1.946	616.65	15.8624	16.0896	SAG
ML	90	I	16.171	2000	93673	-6.782	-294.9	15.9816	16.3604	CREST
ML	90	I	16.795	600	96963	2.706	221.729	16.7382	16.8518	SAG
ML	90	I	17.42	1400	100263	-1.048	-1335.9	17.2874	17.5526	CREST
ML	90	I	17.799	400	102264	1.717	232.964	17.7611	17.8369	SAG
ML	90	I	18.348	400	105163	-0.232	-1724.1	18.3101	18.3859	CREST
ML	90	I	18.613	400	106562	-0.516	-775.19	18.5751	18.6509	CREST
ML	90	I	19.106	400	109165	-0.485	-824.74	19.0681	19.1439	CREST
ML	90	I	19.9	400	113357	0.249	1606.43	19.8621	19.9379	SAG
ML	90	I	20.184	400	114857	-0.739	-541.27	20.1461	20.2219	CREST
ML	90	I	20.732	500	117761	2.438	205.086	20.6847	20.7793	SAG
ML	90	I	20.977	400	119059	1.186	337.268	20.9391	21.0149	SAG
ML	90	I	21.204	400	120258	-0.417	-959.23	21.1661	21.2419	CREST
ML	90	I	21.488	600	121757	0.468	1282.05	21.4312	21.5448	SAG
ML	90	I	21.855	1000	123701	-2.54	-393.7	21.7603	21.9497	CREST
ML	90	I	25.059	400	140615	1.143	349.956	25.0211	25.0969	SAG
ML	90	I	25.321	1600	142014	-0.812	-1970.4	25.1695	25.4725	CREST
ML	90	I	25.541	600	143165	1.438	417.246	25.4842	25.5978	SAG
ML	90	I	25.854	600	144813	-0.82	-731.71	25.7972	25.9108	CREST
ML	90	I	26.091	1000	146064	2.084	479.846	25.9963	26.1857	SAG
ML	90	I	26.903	1200	150350	-1.809	-663.35	26.7894	27.0166	CREST
ML	90	I	28.002	1000	156153	1.846	541.712	27.9073	28.0967	SAG
ML	90	I	30.464	2400	169152	-4.116	-583.09	30.2367	30.6913	CREST
ML	90	I	31.126	1000	172648	-1.65	-606.06	31.0313	31.2207	CREST
ML	90	I	32.051	1000	177530	2.021	494.805	31.9563	32.1457	SAG
ML	90	I	32.458	800	179679	-1.015	-788.18	32.3822	32.5338	CREST
ML	90	I	33.007	1400	182578	3.945	354.88	32.8744	33.1396	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	I	33.604	1600	185735	-1.474	-1085.5	33.4525	33.7555	CREST
ML	90	I	34.163	800	188687	2.292	349.04	34.0872	34.2388	SAG
ML	90	I	35.147	2200	193882	-5.29	-415.88	34.9387	35.3553	CREST
ML	90	I	35.412	600	195281	-0.997	-601.81	35.3552	35.4688	CREST
ML	90	I	36.075	1400	198782	6.657	210.305	35.9424	36.2076	SAG
ML	90	I	36.529	400	201184	-0.533	-750.47	36.4911	36.5669	CREST
ML	90	I	36.869	2400	202980	-5.161	-465.03	36.6417	37.0963	CREST
ML	90	I	37.277	1200	205134	5.3	226.415	37.1634	37.3906	SAG
ML	90	I	37.666	400	207182	-0.035	-11429	37.6281	37.7039	CREST
ML	90	I	37.961	200	208745	-0.631	-316.96	37.9421	37.9799	CREST
ML	90	I	38.346	400	210778	0.965	414.508	38.3081	38.3839	SAG
ML	90	I	38.894	1400	213677	-2.003	-698.95	38.7614	39.0266	CREST
ML	90	I	39.65	2800	217679	-4.106	-681.93	39.3848	39.9152	CREST
ML	90	I	40.378	1600	221528	5.696	280.899	40.2265	40.5295	SAG
ML	90	I	41.21	1400	225928	-2.447	-572.13	41.0774	41.3426	CREST
ML	90	I	41.664	1000	228328	3.44	290.698	41.5693	41.7587	SAG
ML	90	I	42.558	3200	233047	-6.67	-479.76	42.255	42.861	CREST
ML	90	I	43.421	1000	237597	-2.187	-457.25	43.3263	43.5157	CREST
ML	90	I	44.178	2400	241597	10.01	239.76	43.9507	44.4053	SAG
ML	90	I	45.172	4000	246847	-9.467	-422.52	44.7932	45.5508	CREST
ML	90	I	45.788	1200	250100	5.984	200.535	45.6744	45.9016	SAG
ML	90	I	46.309	2000	252851	-2.014	-993.05	46.1196	46.4984	CREST
ML	90	I	46.659	400	254699	1.239	322.841	46.6211	46.6969	SAG
ML	90	I	47.038	1000	256695	1.773	564.016	46.9433	47.1327	SAG
ML	90	I	47.397	1600	258596	-3.518	-454.8	47.2455	47.5485	CREST
ML	90	I	47.969	600	261616	2.129	281.822	47.9122	48.0258	SAG
ML	90	I	48.386	600	263818	1.866	321.543	48.3292	48.4428	SAG
ML	90	I	48.954	2000	266817	-4.544	-440.14	48.7646	49.1434	CREST
ML	90	I	49.298	600	268632	2.344	255.973	49.2412	49.3548	SAG
ML	90	I	49.676	600	270628	0.477	1257.86	49.6192	49.7328	SAG
ML	90	I	50.15	2000	273130	-4.281	-467.18	49.9606	50.3394	CREST
ML	90	I	50.623	1200	275628	6.005	199.833	50.5094	50.7366	SAG
ML	90	I	51.001	1800	277626	-2.67	-674.16	50.8305	51.1715	CREST
ML	90	I	51.286	400	279126	-0.889	-449.94	51.2481	51.3239	CREST
ML	90	I	51.626	600	280926	1.237	485.044	51.5692	51.6828	SAG
ML	90	I	52.014	3200	282981	-3.336	-959.23	51.711	52.317	CREST
ML	90	I	52.561	800	285881	2.369	337.695	52.4852	52.6368	SAG
ML	90	I	53.089	1200	288681	-2.464	-487.01	52.9754	53.2026	CREST
ML	90	I	53.767	800	292281	3.359	238.166	53.6912	53.8428	SAG
ML	90	I	54.205	1600	294581	-3.609	-443.34	54.0535	54.3565	CREST
ML	90	I	54.623	400	296781	2.696	148.368	54.5851	54.6609	SAG
ML	90	I	55.372	2400	300731	2.033	1180.52	55.1447	55.5993	SAG
ML	90	I	55.929	400	303681	-0.131	-3053.4	55.8911	55.9669	CREST
ML	90	I	56.346	600	305997	-1.297	-462.61	56.2892	56.4028	CREST
ML	90	I	56.85	1600	308657	-3.875	-412.9	56.6985	57.0015	CREST
ML	90	I	57.256	400	310811	0.837	477.897	57.2181	57.2939	SAG
ML	90	I	57.765	600	313514	2.01	298.507	57.7082	57.8218	SAG
ML	90	I	57.972	800	314613	-2.272	-352.11	57.8962	58.0478	CREST
ML	90	I	58.311	600	316413	2.789	215.131	58.2542	58.3678	SAG
ML	90	I	58.67	600	318312	2.691	222.965	58.6132	58.7268	SAG
ML	90	I	60.695	1000	328955	-2.892	-345.78	60.6003	60.7897	CREST
ML	90	I	61.019	600	330655	-1.589	-377.6	60.9622	61.0758	CREST
ML	90	I	61.568	600	333554	2.618	229.183	61.5112	61.6248	SAG
ML	90	I	62.212	1200	336955	-3.207	-374.18	62.0984	62.3256	CREST
ML	90	I	62.629	600	339156	1.797	333.89	62.5722	62.6858	SAG
ML	90	I	63.083	600	341553	-1.205	-497.93	63.0262	63.1398	CREST
ML	90	I	63.386	800	343155	3.145	254.372	63.3102	63.4618	SAG
ML	90	I	64.41	1800	348557	-4.218	-426.74	64.2395	64.5805	CREST
ML	90	I	64.921	800	351260	2.376	336.7	64.8452	64.9968	SAG
ML	90	I	65.303	400	353274	-0.395	-1012.7	65.2651	65.3409	CREST
ML	90	I	65.72	400	355475	0.88	454.545	65.6821	65.7579	SAG
ML	90	I	66.078	400	357376	-0.654	-611.62	66.0401	66.1159	CREST
ML	90	I	66.78	400	361078	1.217	328.677	66.7421	66.8179	SAG
ML	90	I	67.103	600	362778	-0.74	-810.81	67.0462	67.1598	CREST
ML	90	I	67.691	400	365877	1.238	323.102	67.6531	67.7289	SAG
ML	90	I	68.581	1400	370576	-3.858	-362.88	68.4484	68.7136	CREST
ML	90	I	68.94	400	372472	-0.236	-1694.9	68.9021	68.9779	CREST
ML	90	I	69.016	400	372873	1.812	220.751	68.9781	69.0539	SAG
ML	90	I	70.113	400	378676	0.953	419.727	70.0751	70.1509	SAG
ML	90	I	70.509	400	380772	1.608	248.756	70.4711	70.5469	SAG
ML	90	I	70.878	1600	382718	-4.114	-388.92	70.7265	71.0295	CREST
ML	90	I	71.589	600	386472	2.509	239.139	71.5322	71.6458	SAG
ML	90	I	71.948	400	388368	-0.733	-545.7	71.9101	71.9859	CREST
ML	90	I	72.669	400	392176	-0.69	-579.71	72.6311	72.7069	CREST
ML	90	I	73.088	900	394284	5.023	179.176	73.0028	73.1732	SAG
ML	90	I	73.39	400	395884	-0.662	-604.23	73.3521	73.4279	CREST
ML	90	I	73.635	400	397183	0.52	769.231	73.5971	73.6729	SAG
ML	90	I	74.318	400	400803	-1.148	-348.43	74.2801	74.3559	CREST
ML	90	I	74.77	400	403200	1.143	349.956	74.7321	74.8079	SAG
ML	90	I	75.277	1400	405886	-4.271	-327.79	75.1444	75.4096	CREST
ML	90	I	75.569	1000	407433	3.864	258.799	75.4743	75.6637	SAG
ML	90	I	76.091	2000	410194	-2.829	-706.96	75.9016	76.2804	CREST
ML	90	I	76.677	400	413297	0.538	743.494	76.6391	76.7149	SAG
ML	90	I	77.149	400	415794	1.209	330.852	77.1111	77.1869	SAG
ML	90	I	77.415	400	417204	1.188	336.7	77.3771	77.4529	SAG
ML	90	I	78.192	2000	421312	-5.77	-346.62	78.0026	78.3814	CREST
ML	90	I	78.59	600	423414	3.393	176.835	78.5332	78.6468	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	I	78.779	600	424412	2.699	222.305	78.7222	78.8358	SAG
ML	90	I	79.12	1600	426212	-4.666	-342.91	78.9685	79.2715	CREST
ML	90	I	79.46	600	428013	1.351	444.115	79.4032	79.5168	SAG
ML	90	I	80.478	400	433414	-0.157	-2547.8	80.4401	80.5159	CREST
ML	90	I	81.163	600	437021	2.47	242.915	81.1062	81.2198	SAG
ML	90	I	81.563	1200	439122	-3.664	-327.51	81.4494	81.6766	CREST
ML	90	I	82.019	400	441524	1.096	364.964	81.9811	82.0569	SAG
ML	90	I	82.919	400	446271	-0.839	-476.76	82.8811	82.9569	CREST
ML	90	I	83.231	400	447905	-0.592	-675.68	83.1931	83.2689	CREST
ML	90	I	83.555	400	449605	1.703	234.88	83.5171	83.5929	SAG
ML	90	I	84.262	900	453310	-2.624	-342.99	84.1768	84.3472	CREST
ML	90	I	84.457	280	454337	0.421	665.083	84.4305	84.4835	SAG
ML	90	I	84.494	120	454537	-0.473	-253.7	84.4826	84.5054	CREST
ML	90	I	84.635	600	455277	2.111	284.225	84.5782	84.6918	SAG
ML	90	I	84.64	600	455306	2.888	207.756	84.5832	84.6968	SAG
ML	90	I	84.744	200	455857	-0.586	-341.3	84.7251	84.7629	CREST
ML	90	I	84.924	400	456805	1.38	289.855	84.8861	84.9619	SAG
ML	90	I	84.968	660	457037	1.387	475.847	84.9055	85.0305	SAG
ML	90	I	85.051	200	457477	-0.599	-333.89	85.0321	85.0699	CREST
ML	90	I	85.129	100	457887	-0.275	-363.64	85.1195	85.1385	CREST
ML	90	I	85.289	1600	458734	-3.912	-409	85.1375	85.4405	CREST
ML	90	I	85.303	1400	458807	-3.639	-384.72	85.1704	85.4356	CREST
ML	90	I	85.461	220	459644	1.036	212.355	85.4402	85.4818	SAG
ML	90	I	85.539	580	460054	-2.049	-283.07	85.4841	85.5939	CREST
ML	90	I	85.614	220	460454	1.073	205.033	85.5932	85.6348	SAG
ML	90	I	85.77	600	461274	2.401	249.896	85.7132	85.8268	SAG
ML	90	I	85.842	100	461654	0.393	254.453	85.8325	85.8515	SAG
ML	90	I	85.984	1200	462404	-3.782	-317.29	85.8704	86.0976	CREST
ML	90	I	85.997	1200	462476	-3.089	-388.48	85.8834	86.1106	CREST
ML	90	I	86.429	100	464754	-0.083	-1204.8	86.4195	86.4385	CREST
ML	90	I	86.506	240	465164	1.249	192.154	86.4833	86.5287	SAG
ML	90	I	86.532	400	465301	0.641	624.025	86.4941	86.5699	SAG
ML	90	I	86.599	200	465654	0.69	289.855	86.5801	86.6179	SAG
ML	90	I	86.678	600	466074	-1.578	-380.23	86.6212	86.7348	CREST
ML	90	I	86.76	200	466504	0.644	310.559	86.7411	86.7789	SAG
ML	90	I	86.957	400	467544	0.755	529.801	86.9191	86.9949	SAG
ML	90	I	86.968	400	467603	0.898	445.434	86.9301	87.0059	SAG
ML	90	I	87.063	100	468104	-0.096	-1041.7	87.0535	87.0725	CREST
ML	90	I	87.154	800	468584	-1.741	-459.51	87.0782	87.2298	CREST
ML	90	I	87.158	400	468607	-0.902	-443.46	87.1201	87.1959	CREST
ML	90	I	87.271	200	469204	0.527	379.507	87.2521	87.2899	SAG
ML	90	I	87.415	260	469964	-0.789	-329.53	87.3904	87.4396	CREST
ML	90	I	87.487	440	470344	2.162	203.515	87.4453	87.5287	SAG
ML	90	I	87.593	680	470904	-2.01	-338.31	87.5286	87.6574	CREST
ML	90	I	87.722	420	471589	1.75	240	87.6822	87.7618	SAG
ML	90	I	87.806	460	472029	-1.455	-316.15	87.7624	87.8496	CREST
ML	90	I	87.825	400	472131	1.123	356.189	87.7871	87.8629	SAG
ML	90	I	87.881	340	472429	0.013	26153.8	87.8488	87.9132	SAG
ML	90	I	88.128	200	473729	0.03	6666.67	88.1091	88.1469	SAG
ML	90	I	88.166	800	473932	-0.864	-925.93	88.0902	88.2418	CREST
ML	90	I	88.213	400	474179	0.673	594.354	88.1751	88.2509	SAG
ML	90	I	89.19	400	479408	3.579	111.763	89.1521	89.2279	SAG
ML	90	I	89.417	400	480607	0.392	1020.41	89.3791	89.4549	SAG
ML	90	I	90.024	1400	483812	-4.108	-340.8	89.8914	90.1566	CREST
ML	90	I	90.535	600	486510	3.298	181.928	90.4782	90.5918	SAG
ML	90	I	91.191	400	489910	0.563	710.48	91.1531	91.2289	SAG
ML	90	I	91.579	400	492022	-0.401	-997.51	91.5411	91.6169	CREST
ML	90	I	92.171	600	495121	-1.522	-394.22	92.1142	92.2278	CREST
ML	90	I	92.648	400	497618	0.903	442.968	92.6101	92.6859	SAG
ML	90	I	93.317	400	501119	-0.792	-505.05	93.2791	93.3549	CREST
ML	90	I	93.547	400	502322	1.082	369.686	93.5091	93.5849	SAG
ML	90	I	93.891	400	504123	-0.433	-923.79	93.8531	93.9289	CREST
ML	90	I	94.841	400	509123	0.502	796.813	94.8031	94.8789	SAG
ML	90	I	95.221	600	511119	-1.4	-428.57	95.1642	95.2778	CREST
ML	90	I	95.412	400	512122	1.395	286.738	95.3741	95.4499	SAG
ML	90	I	96.703	600	518927	-1.709	-351.08	96.6462	96.7598	CREST
ML	90	I	97.309	600	522127	2.813	213.295	97.2522	97.3658	SAG
ML	90	I	97.631	400	523827	-0.667	-599.7	97.5931	97.6689	CREST
ML	90	I	97.972	400	525628	0.669	597.907	97.9341	98.0099	SAG
ML	90	I	98.237	1000	527027	-2.359	-423.91	98.1423	98.3317	CREST
ML	90	I	99.032	400	531225	2.1	190.476	98.9941	99.0699	SAG
ML	90	I	99.772	1000	535127	-2.103	-475.51	99.6773	99.8667	CREST
ML	90	I	100.35	400	538178	1.925	207.792	100.312	100.388	SAG
ML	90	I	100.702	400	540032	-0.863	-463.5	100.664	100.74	CREST
ML	90	I	104.317	600	559129	1.898	316.122	104.26	104.374	SAG
ML	90	I	105.264	600	564130	-1.537	-390.37	105.207	105.321	CREST
ML	90	I	105.585	400	565824	1.58	253.165	105.547	105.623	SAG
ML	90	I	105.935	1000	567678	-2.077	-481.46	105.84	106.03	CREST
ML	90	I	106.438	400	570328	1.348	296.736	106.4	106.476	SAG
ML	90	I	106.892	400	572731	0.809	494.438	106.854	106.93	SAG
ML	90	I	107.365	400	575228	-0.486	-823.05	107.327	107.403	CREST
ML	90	I	107.838	1200	577731	-3.16	-379.75	107.724	107.952	CREST
ML	90	I	109.047	600	584125	2.521	238.001	108.99	109.104	SAG
ML	90	I	109.616	400	587129	0.883	453.001	109.578	109.654	SAG
ML	90	I	110.203	1800	590233	-5.218	-344.96	110.033	110.373	CREST
ML	90	I	111.737	600	598344	2.594	231.303	111.68	111.794	SAG
ML	90	I	112.002	800	599743	-2.328	-343.64	111.926	112.078	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	I	112.707	1000	603467	4.158	240.5	112.612	112.802	SAG
ML	90	I	112.954	1000	604771	-3.022	-330.91	112.859	113.049	CREST
ML	90	I	113.324	600	606719	2.976	201.613	113.267	113.381	SAG
ML	90	I	114.327	400	612021	1.342	298.063	114.289	114.365	SAG
ML	90	I	114.962	800	615373	-1.931	-414.29	114.886	115.038	CREST
ML	90	I	115.322	400	617274	1.77	225.989	115.284	115.36	SAG
ML	90	I	115.738	1600	619471	-4.873	-328.34	115.586	115.89	CREST
ML	90	I	116.567	800	623811	3.949	202.583	116.491	116.643	SAG
ML	90	I	117.102	1400	626709	-3.867	-362.04	116.969	117.235	CREST
ML	90	I	117.959	400	631228	2.118	188.857	117.921	117.997	SAG
ML	90	I	118.216	400	632579	0.967	413.65	118.178	118.254	SAG
ML	90	I	118.849	1000	635898	-2.948	-339.21	118.754	118.944	CREST
ML	90	I	119.192	800	637698	4.228	189.215	119.116	119.268	SAG
ML	90	I	119.726	1000	640496	-2.733	-365.9	119.631	119.821	CREST
ML	90	I	120.733	600	645813	-1.16	-517.24	120.676	120.79	CREST
ML	90	I	122.5	400	655290	1.033	387.222	122.462	122.538	SAG
ML	90	I	123.581	400	661093	-0.452	-884.96	123.543	123.619	CREST
ML	90	I	123.918	800	662838	1.917	417.319	123.842	123.994	SAG
ML	90	I	124.264	1600	664638	-2.309	-692.94	124.112	124.416	CREST
ML	90	I	124.51	1000	665937	4.157	240.558	124.415	124.605	SAG
ML	90	I	125.137	2600	669237	-5.626	-462.14	124.891	125.383	CREST
ML	90	I	125.683	800	672117	2.329	343.495	125.607	125.759	SAG
ML	90	I	126.147	1600	674567	-2.186	-731.93	125.995	126.299	CREST
ML	90	I	126.535	1000	676616	3.157	316.756	126.44	126.63	SAG
ML	90	I	126.752	1300	677767	-0.797	-1631.1	126.629	126.875	CREST
ML	90	I	127.025	1000	679219	0.775	1290.32	126.93	127.12	SAG
ML	90	I	127.366	1800	681020	-3.015	-597.02	127.196	127.536	CREST
ML	90	I	127.739	1000	682968	5.647	177.085	127.644	127.834	SAG
ML	90	I	128.105	2400	684916	-5.934	-404.45	127.878	128.332	CREST
ML	90	I	128.551	1000	687271	2.594	385.505	128.456	128.646	SAG
ML	90	I	128.824	1000	688712	0.528	1893.94	128.729	128.919	SAG
ML	90	I	129.297	1000	691210	2.803	356.761	129.202	129.392	SAG
ML	90	I	129.667	2800	693163	-6.674	-419.54	129.402	129.932	CREST
ML	90	I	130.083	700	695360	2.708	258.493	130.017	130.149	SAG
ML	90	I	130.263	1200	696310	-2.708	-443.13	130.149	130.377	CREST
ML	90	I	130.519	1400	697662	4.155	336.943	130.386	130.652	SAG
ML	90	I	130.832	800	699315	-1.064	-751.88	130.756	130.908	CREST
ML	90	I	131.286	2000	701712	3.648	548.246	131.097	131.475	SAG
ML	90	I	131.779	2800	704315	-6.257	-447.5	131.514	132.044	CREST
ML	90	I	132.242	1200	706759	4.169	287.839	132.128	132.356	SAG
ML	90	I	132.707	1400	709214	-2.746	-509.83	132.574	132.84	CREST
ML	90	I	133.455	1800	713163	2.397	750.939	133.285	133.625	SAG
ML	90	I	133.985	3000	715961	-0.932	-3218.9	133.701	134.269	CREST
ML	90	I	134.402	1000	718163	-2.215	-451.47	134.307	134.497	CREST
ML	90	I	134.653	1000	719415	3.347	298.775	134.558	134.748	SAG
ML	90	I	135.213	1400	722674	-1.628	-859.95	135.08	135.346	CREST
ML	90	I	135.555	1250	724596	-2.752	-454.22	135.437	135.673	CREST
ML	90	I	135.787	1300	725821	5.337	243.583	135.664	135.91	SAG
ML	90	I	136.203	2000	728022	-4.074	-490.92	136.014	136.392	CREST
ML	90	I	136.545	1200	729823	2.575	466.019	136.431	136.659	SAG
ML	90	I	137.378	2400	734221	-1.658	-1447.5	137.151	137.605	CREST
ML	90	I	137.833	1000	736624	1.248	801.282	137.738	137.928	SAG
ML	90	I	138.269	3000	738926	-0.964	-3112	137.985	138.553	CREST
ML	90	I	138.78	800	741624	1.231	649.878	138.704	138.856	SAG
ML	90	I	139.064	600	743123	-1.469	-408.44	139.007	139.121	CREST
ML	90	I	139.253	600	744121	0.896	669.643	139.196	139.31	SAG
ML	90	I	139.5	800	745425	0.598	1337.79	139.424	139.576	SAG
ML	90	I	139.76	800	746799	-0.891	-897.87	139.684	139.836	CREST
ML	90	I	140.043	1000	748299	0.066	15151.5	139.948	140.138	SAG
ML	90	I	140.327	1000	749798	0.284	3521.13	140.232	140.422	SAG
ML	90	I	141.237	400	754598	-0.014	-28571	141.199	141.275	CREST
ML	90	I	141.667	1200	756875	1.013	1184.6	141.553	141.781	SAG
ML	90	I	142.047	1200	758876	-1.913	-627.29	141.933	142.161	CREST
ML	90	I	142.682	2400	762229	1.548	1550.39	142.455	142.909	SAG
ML	90	I	143.174	1400	764827	-1.205	-1161.8	143.041	143.307	CREST
ML	90	I	143.705	1400	767630	1.202	1164.73	143.572	143.838	SAG
ML	90	I	144.102	1200	769727	2.12	566.038	143.988	144.216	SAG
ML	90	I	144.367	1400	771126	-2.971	-471.22	144.234	144.5	CREST
ML	90	I	144.973	1000	774325	-0.346	-2890.2	144.878	145.068	CREST
ML	90	I	145.182	1000	775429	-1.027	-973.71	145.087	145.277	CREST
ML	90	I	145.501	1000	777112	2.576	388.199	145.406	145.596	SAG
ML	90	I	145.785	600	778611	-1.311	-457.67	145.728	145.842	CREST
ML	90	I	146.278	400	781209	-0.264	-1515.2	146.24	146.316	CREST
ML	90	I	146.458	700	782160	2.809	249.199	146.392	146.524	SAG
ML	90	I	146.718	2050	783532	-4.472	-458.41	146.524	146.912	CREST
ML	90	I	146.961	500	784810	2.35	212.766	146.914	147.008	SAG
ML	90	I	147.454	400	787408	-0.416	-961.54	147.416	147.492	CREST
ML	90	I	147.582	400	788110	0.466	858.369	147.544	147.62	SAG
ML	90	I	148.133	800	791014	1.295	617.761	148.057	148.209	SAG
ML	90	I	148.436	400	792609	2.156	185.529	148.398	148.474	SAG
ML	90	I	148.702	2400	794013	-5.397	-444.69	148.475	148.929	CREST
ML	90	I	149.054	500	795867	1.81	276.243	149.007	149.101	SAG
ML	90	I	149.291	400	797119	-0.068	-5882.4	149.253	149.329	CREST
ML	90	I	149.907	800	800371	-0.462	-1731.6	149.831	149.983	CREST
ML	90	I	150.277	400	802320	0.356	1123.6	150.239	150.315	SAG
ML	90	I	151.148	400	806918	-0.144	-2777.8	151.11	151.186	CREST
ML	90	I	151.727	600	809970	2.044	293.542	151.67	151.784	SAG

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	I	152.02	2200	811517	-4.237	-519.24	151.812	152.228	CREST
ML	90	I	152.321	400	813117	2.612	153.139	152.283	152.359	SAG
ML	90	I	152.596	600	814569	0.479	1252.61	152.539	152.653	SAG
ML	90	I	153.317	600	818384	0.978	613.497	153.26	153.374	SAG
ML	90	I	153.791	800	820887	2.251	355.398	153.715	153.867	SAG
ML	90	I	154.189	1600	822988	-2.623	-609.99	154.037	154.341	CREST
ML	90	I	154.529	600	824783	1.591	377.121	154.472	154.586	SAG
ML	90	I	155.348	1800	829117	-5.41	-332.72	155.178	155.518	CREST
ML	90	I	155.935	800	832216	4.373	182.941	155.859	156.011	SAG
ML	90	I	156.2	1000	833615	-3.04	-328.95	156.105	156.295	CREST
ML	90	I	156.569	800	835564	3.63	220.386	156.493	156.645	SAG
ML	90	I	157.185	1700	838816	-5.067	-335.5	157.024	157.346	CREST
ML	90	I	157.535	1000	840664	2.476	403.877	157.44	157.63	SAG
ML	90	I	157.914	1000	842665	-0.881	-1135.1	157.819	158.009	CREST
ML	90	I	158.395	500	845200	-0.656	-762.2	158.348	158.442	CREST
ML	90	I	158.767	1000	847164	0.325	3076.92	158.672	158.862	SAG
ML	90	I	159.099	600	848917	2.212	271.248	159.042	159.156	SAG
ML	90	I	159.856	800	852914	-1.801	-444.2	159.78	159.932	CREST
ML	90	I	160.453	600	856066	1.02	588.235	160.396	160.51	SAG
ML	90	I	160.993	900	858917	-0.719	-1251.7	160.908	161.078	CREST
ML	90	I	161.523	800	861718	3.862	207.147	161.447	161.599	SAG
ML	90	I	162.006	800	864268	-1.548	-516.8	161.93	162.082	CREST
ML	90	I	162.395	600	866322	-0.499	-1202.4	162.338	162.452	CREST
ML	90	I	162.697	600	867916	1.483	404.585	162.64	162.754	SAG
ML	90	I	163.076	2200	869917	-5.095	-431.8	162.868	163.284	CREST
ML	90	I	163.55	800	872420	1.503	532.269	163.474	163.626	SAG
ML	90	I	164.004	800	874817	0.755	1059.6	163.928	164.08	SAG
ML	90	I	164.497	800	877420	2.095	381.862	164.421	164.573	SAG
ML	90	I	165.167	400	880951	0.678	589.971	165.129	165.205	SAG
ML	90	I	165.649	2400	883501	-4.278	-561.01	165.422	165.876	CREST
ML	90	I	166.095	400	885851	1.073	372.787	166.057	166.133	SAG
ML	90	I	166.427	400	887604	0.536	746.269	166.389	166.465	SAG
ML	90	I	167.557	400	893602	0.817	489.596	167.519	167.595	SAG
ML	90	I	167.807	400	894906	0.369	1084.01	167.769	167.845	SAG
ML	90	I	168.112	800	896501	-2.249	-355.71	168.036	168.188	CREST
ML	90	I	168.264	800	897303	4.486	178.333	168.188	168.34	SAG
ML	90	I	168.435	400	898206	-0.984	-406.5	168.397	168.473	CREST
ML	90	I	168.689	1100	899552	-2.196	-500.91	168.585	168.793	CREST
ML	90	I	168.888	900	900603	-2.26	-398.23	168.803	168.973	CREST
ML	90	I	169.058	400	901501	1.702	235.018	169.02	169.096	SAG
ML	90	I	169.21	400	902303	-0.616	-649.35	169.172	169.248	CREST
ML	90	I	169.446	1200	903549	4.326	277.393	169.332	169.56	SAG
ML	90	I	169.722	400	905001	-0.499	-801.6	169.684	169.76	CREST
ML	90	I	170.29	1200	908006	-2.162	-555.04	170.176	170.404	CREST
ML	90	I	170.479	400	909004	0.701	570.613	170.441	170.517	SAG
ML	90	I	170.706	1400	910202	1.46	958.904	170.573	170.839	SAG
ML	90	I	171.121	2200	912396	-6.459	-340.61	170.913	171.329	CREST
ML	90	I	171.879	1400	916398	5.999	233.372	171.746	172.012	SAG
ML	90	I	172.429	1800	919297	-1.806	-996.68	172.259	172.599	CREST
ML	90	I	173.11	1400	922898	2.859	489.682	172.977	173.243	SAG
ML	90	I	173.662	1000	925813	-2.685	-372.44	173.567	173.757	CREST
ML	90	I	174.115	1400	928259	2.107	664.452	173.982	174.248	SAG
ML	90	I	174.512	1600	930360	-1.059	-1510.9	174.36	174.664	CREST
ML	90	I	175.195	1400	933961	1.584	883.838	175.062	175.328	SAG
ML	90	I	176.35	400	940060	-0.353	-1133.1	176.312	176.388	CREST
ML	90	I	177.316	2200	945160	-5.153	-426.94	177.108	177.524	CREST
ML	90	I	177.913	400	948312	2.594	154.202	177.875	177.951	SAG
ML	90	I	180.08	1200	959760	1.924	623.701	179.966	180.194	SAG
ML	90	I	181.69	800	968260	-1.012	-790.51	181.614	181.766	CREST
ML	90	I	182.372	600	971861	1.696	353.774	182.315	182.429	SAG
ML	90	I	182.955	1000	974940	-1.984	-504.03	182.86	183.05	CREST
ML	90	I	183.886	1200	979860	-2.145	-559.44	183.772	184	CREST
ML	90	I	184.453	1400	982860	-2.459	-569.34	184.32	184.586	CREST
ML	90	I	185.182	800	986714	1.812	441.501	185.106	185.258	SAG
ML	90	I	185.446	900	988108	4.295	209.546	185.361	185.531	SAG
ML	90	I	185.785	2400	989914	-5.202	-461.36	185.558	186.012	CREST
ML	90	I	186.345	1000	992860	4.11	243.309	186.25	186.44	SAG
ML	90	I	186.953	1600	996065	-3.6	-444.44	186.801	187.105	CREST
ML	90	I	187.672	600	999861	-0.266	-2255.6	187.615	187.729	CREST
ML	90	I	188.336	1000	1003362	1.672	598.086	188.241	188.431	SAG
ML	90	I	188.742	1000	1005511	1.925	519.481	188.647	188.837	SAG
ML	90	I	189.008	1800	1006915	-3.481	-517.09	188.838	189.178	CREST
ML	90	I	189.282	800	1008362	1.126	710.48	189.206	189.358	SAG
ML	90	I	189.623	800	1010162	0.929	861.141	189.547	189.699	SAG
ML	90	I	189.888	600	1011562	-0.358	-1676	189.831	189.945	CREST
ML	90	I	190.418	1200	1014360	-2.598	-461.89	190.304	190.532	CREST
ML	90	I	190.665	1000	1015664	2.663	375.516	190.57	190.76	SAG
ML	90	I	191.081	600	1017861	0.774	775.194	191.024	191.138	SAG
ML	90	I	191.29	600	1018964	-0.575	-1043.5	191.233	191.347	CREST
ML	90	I	191.688	1000	1021066	2.616	382.263	191.593	191.783	SAG
ML	90	I	192.028	1800	1022861	-3.899	-461.66	191.858	192.198	CREST
ML	90	I	192.407	1200	1024862	1.677	715.564	192.293	192.521	SAG
ML	90	I	192.824	1400	1027064	3.573	391.828	192.691	192.957	SAG
ML	90	I	193.174	2000	1028912	-6.818	-293.34	192.985	193.363	CREST
ML	90	I	193.761	1600	1032011	3.655	437.756	193.609	193.913	SAG
ML	90	I	194.035	800	1033458	-0.637	-1255.9	193.959	194.111	CREST
ML	90	I	194.756	1600	1037265	-1.984	-806.45	194.604	194.908	CREST

CATEGORY	ID_NUMBER	DIRECTION	MILEPOST	CURVE_LENGTH	OFFSET	A	K	CURVE_BEGIN	CURVE_END	CURVE_TYPE
ML	90	I	195.229	1000	1039762	1.817	550.358	195.134	195.324	SAG
ML	90	I	195.57	1600	1041563	-2.879	-555.75	195.418	195.722	CREST
ML	90	I	196.318	1000	1045512	3.282	304.692	196.223	196.413	SAG
ML	90	I	196.678	1600	1047413	-2.992	-534.76	196.526	196.83	CREST
ML	90	I	197.161	800	1049963	1.354	590.842	197.085	197.237	SAG
ML	90	I	197.729	1400	1052962	5.397	259.403	197.596	197.862	SAG
ML	90	I	198.146	2000	1055164	-6.599	-303.08	197.957	198.335	CREST
ML	90	I	198.903	1000	1059161	3.884	257.467	198.808	198.998	SAG
ML	90	I	199.339	1000	1061463	1.452	688.705	199.244	199.434	SAG
ML	90	I	199.907	2100	1064462	-4.776	-439.7	199.708	200.106	CREST
ML	90	I	200.816	1000	1069262	-1.341	-745.71	200.721	200.911	CREST
ML	90	I	201.459	1600	1072662	6.173	259.193	201.307	201.611	SAG
ML	90	I	202.047	3000	1075761	-5.359	-559.81	201.763	202.331	CREST
ML	90	I	202.615	1200	1078760	1.772	677.201	202.501	202.729	SAG
ML	90	I	203.145	1000	1081615	-0.586	-1706.5	203.05	203.24	CREST
ML	90	I	203.628	1200	1084218	-1.919	-625.33	203.514	203.742	CREST
ML	90	I	204.173	1200	1087164	2.517	476.758	204.059	204.287	SAG
ML	90	I	204.952	800	1091367	0.135	5925.93	204.876	205.028	SAG
ML	90	I	205.324	3000	1093368	2.863	1047.85	205.04	205.608	SAG
ML	90	I	205.986	4000	1096869	-2.31	-1731.6	205.607	206.365	CREST
ML	90	I	207.002	1000	1102235	0.596	1677.85	206.907	207.097	SAG

Appendix 7. Modeling Datasets

Appendix 7.1. Modeling Datasets for Monthly Modeling of Zone 1

Year	Row_Labels	Cra_Non-Truck	Cra_Truck	Total_Crash	Cit_Non-Speeding	Cit_Speeding	Total_Cit
2011	1	157	79	236	489	835	1324
2011	2	126	113	239	447	604	1051
2011	3	118	65	183	535	870	1405
2011	4	79	51	130	510	895	1405
2011	5	53	33	86	520	1712	2232
2011	6	47	32	79	480	1146	1626
2011	7	70	24	94	579	2085	2664
2011	8	56	30	86	560	1518	2078
2011	9	38	28	66	603	1450	2053
2011	10	72	33	105	454	1005	1459
2011	11	125	112	237	449	937	1386
2011	12	76	55	131	540	959	1499
2012	1	53	51	104	616	1249	1865
2012	2	121	163	284	576	833	1409
2012	3	58	30	88	520	1107	1627
2012	4	47	27	74	446	1012	1458
2012	5	41	15	56	505	1268	1773
2012	6	54	27	81	507	1239	1746
2012	7	58	23	81	508	1282	1790
2012	8	65	18	83	460	1078	1538
2012	9	50	25	75	472	1061	1533
2012	10	66	68	134	407	880	1287
2012	11	69	32	101	388	896	1284
2012	12	130	107	237	448	719	1167
2013	1	57	39	96	445	819	1264
2013	2	121	103	224	537	828	1365
2013	3	69	60	129	677	1067	1744
2013	4	75	83	158	513	844	1357
2013	5	41	32	73	554	1101	1655
2013	6	57	20	77	590	1364	1954
2013	7	69	25	94	663	1658	2321
2013	8	47	24	71	578	1385	1963
2013	9	45	26	71	483	991	1474
2013	10	82	76	158	403	824	1227
2013	11	91	60	151	438	924	1362
2013	12	122	105	227	493	679	1172
2014	1	116	95	211	561	1073	1634
2014	2	82	125	207	516	909	1425
2014	3	88	65	153	622	1239	1861
2014	4	63	71	134	532	1150	1682
2014	5	45	37	82	842	1638	2480
2014	6	74	26	100	719	1466	2185
2014	7	68	28	96	716	1712	2428
2014	8	43	27	70	686	1544	2230
2014	9	44	22	66	721	1236	1957
2014	10	51	18	69	645	1203	1848
2014	11	103	68	171	542	988	1530
2014	12	112	115	227	590	920	1510

Appendix 7.2. Modeling Datasets for Monthly Modeling of Zone 2

truck.i25	truck.i90	sumtruckcrash	speedsum.i90	citationsum.i90	nonspeed.i90	nonspedi9025	Speedingsumofi9025	citationsum9025	traffic.i90	citationsum.i25	speedsum.I25	nonspeedI25
7	2	9	38	96	58	177	206	383	4857	287	168	119
12	1	13	63	112	49	166	172	338	4959	226	109	117
10	3	13	78	133	55	187	253	440	5614	307	175	132
0	0	0	95	147	52	201	262	463	6003	316	167	149
1	1	2	88	143	55	210	375	585	3856	442	287	155
2	0	2	157	214	57	177	434	611	8626	397	277	120
1	1	2	204	257	53	158	546	704	9851	447	342	105
4	2	6	191	266	75	192	472	664	9264	398	281	117
2	1	3	118	168	50	181	424	605	8051	437	306	131
7	2	9	73	132	59	178	303	481	6938	349	230	119
3	2	5	62	121	59	149	245	394	5723	273	183	90
10	0	10	79	154	75	172	227	399	5287	245	148	97
8	4	12	78	133	55	174	248	422	4928	289	170	119
9	2	11	63	122	59	138	238	376	5054	254	175	79
5	0	5	87	131	44	179	302	481	5684	350	215	135
1	1	2	86	140	54	159	320	479	6113	339	234	105
2	1	3	123	186	63	185	371	556	7439	370	248	122
4	0	4	217	309	92	197	471	668	8907	359	254	105
4	1	5	247	339	92	191	555	746	9803	407	308	99
2	2	4	262	365	103	202	529	731	9168	366	267	99
1	1	2	125	195	70	241	418	659	7864	464	293	171
1	0	1	86	138	52	154	314	468	6584	330	228	102
2	1	3	79	143	64	166	315	481	5773	338	236	102
4	2	6	61	120	59	167	251	418	5413	298	190	108
5	5	10	54	124	70	188	239	427	4764	303	185	118
10	0	10	40	95	55	134	190	324	5038	229	150	79
4	2	6	53	108	55	161	262	423	5694	315	209	106
9	1	10	146	214	68	203	344	547	5754	333	198	135
1	2	3	221	307	86	228	518	746	7460	439	297	142
2	1	3	237	318	81	178	466	644	8915	326	229	97
2	0	2	174	242	68	193	469	662	9925	420	295	125
0	3	3	221	313	92	198	507	705	9427	392	286	106
4	2	6	126	196	70	148	265	413	7744	217	139	78
7	1	8	70	140	70	145	200	345	6172	205	130	75
2	2	4	62	131	69	168	236	404	5846	273	174	99
4	2	6	52	119	67	142	183	325	5126	206	131	75
16	3	19	50	132	82	175	178	353	4755	221	128	93
9	2	11	58	136	78	179	183	362	4689	226	125	101
5	1	6	82	195	113	209	217	426	5535	231	135	96
1	4	5	67	163	96	229	244	473	6298	310	177	133
6	0	6	156	261	105	255	377	632	7657	371	221	150
2	2	4	152	252	100	175	322	497	9130	245	170	75
3	0	3	246	349	103	207	466	673	10002	324	220	104
0	3	3	284	444	160	236	510	746	9381	302	226	76
2	0	2	107	177	70	146	253	399	7907	222	146	76
3	1	4	114	199	85	170	241	411	6969	212	127	85
8	3	11	63	127	64	141	166	307	5768	180	103	77
7	2	9	85	163	78	169	208	377	5622	214	123	91
7	2	9	51	107	56	194	238	432	4857	325	187	138
10	2	12	86	137	51	145	246	391	4959	254	160	94
2	1	3	118	181	63	190	353	543	5614	362	235	127

truck.i25	truck.i90	sumtruckcrash	speedsum.i90	citationsum.i90	nonspeed.i90	nonspedi9025	Speedingsumofi9025	citationsum9025	traffic.i90	citationsum.i25	speedsum.I25	nonspeedI25
2	2	4	122	200	78	223	336	559	6003	359	214	145
2	0	2	119	170	51	213	480	693	3856	523	361	162
2	0	2	203	259	56	183	503	686	8626	427	300	127
2	0	2	222	261	39	173	645	818	9851	557	423	134
4	0	4	234	302	68	181	523	704	9264	402	289	113
6	0	6	129	172	43	192	488	680	8051	508	359	149
11	1	12	127	185	58	143	369	512	6938	327	242	85
4	2	6	117	168	51	127	343	470	5723	302	226	76
12	3	15	112	192	80	188	293	481	5287	289	181	108
6	2	8	138	235	97	235	388	623	4928	388	250	138
8	6	14	80	146	66	190	269	459	5054	313	189	124
3	0	3	102	133	31	140	365	505	5684	372	263	109
5	0	5	135	186	51	173	392	565	6113	379	257	122
0	0	0	135	182	47	185	432	617	7439	435	297	138
5	1	6	201	263	62	219	519	738	8907	475	318	157
1	0	1	259	343	84	254	604	858	9803	515	345	170
1	0	1	390	498	108	282	729	1011	9168	513	339	174
1	1	2	158	207	49	224	500	724	7864	517	342	175
1	1	2	91	139	48	208	320	528	6584	389	229	160
8	2	10	106	168	62	175	433	608	5773	440	327	113
6	0	6	102	158	56	198	320	518	5413	360	218	142
7	7	14	100	141	41	154	281	435	4764	294	181	113
5	3	8	62	116	54	189	234	423	5038	307	172	135
5	1	6	95	145	50	223	314	537	5694	392	219	173
11	4	15	113	175	62	266	325	591	5754	416	212	204
5	2	7	136	208	72	280	477	757	7460	549	341	208
2	2	4	142	188	46	207	450	657	8915	469	308	161
2	0	2	149	203	54	264	542	806	9925	603	393	210
1	3	4	208	304	96	231	567	798	9427	494	359	135
2	1	3	95	134	39	164	335	499	7744	365	240	125
5	0	5	67	126	59	137	214	351	6172	225	147	78
3	2	5	104	173	69	188	344	532	5846	359	240	119
12	2	14	64	114	50	139	230	369	5126	255	166	89
14	2	16	95	168	73	197	261	458	4755	290	166	124
11	3	14	70	122	52	196	218	414	4689	292	148	144
3	1	4	116	188	72	229	322	551	5535	363	206	157
5	1	6	98	186	88	250	327	577	6298	391	229	162
3	1	4	130	200	70	295	450	745	7657	545	320	225
1	2	3	156	251	95	201	371	572	9130	321	215	106
12	0	12	207	278	71	231	512	743	10002	465	305	160
2	1	3	300	437	137	331	569	900	9381	463	269	194
3	2	5	107	197	90	253	252	505	7907	308	145	163
1	1	2	118	191	73	235	277	512	6969	321	159	162
7	4	11	67	130	63	193	210	403	5768	273	143	130
16	2	18	83	151	68	204	237	441	5622	290	154	136

Appendix 7.3. Modeling Datasets for Monthly Modeling of Zone 3

injury	noinjury	Grand Total	notruck	singlevehicle	truck	cpsum	DUIsum	osum	sbsum	Speedsum	vsum	Sumofall	nonspeed
1	7	8	0	7	1	2	0	17	6	38	15	78	40
0	6	6	0	5	1	1	1	13	5	38	14	72	34
0	1	1	0	1	0	2	0	7	1	38	17	68	30
3	3	6	0	6	0	3	0	15	10	41	0	69	28
0	4	4	2	2	0	3	0	12	3	106	5	129	23
1	2	3	0	3	0	2	1	24	4	49	3	86	37
0	5	5	0	5	0	2	0	21	14	150	2	191	41
1	4	5	2	2	1	7	0	25	1	110	6	150	40
0	2	2	0	2	0	2	0	23	11	149	6	195	46
1	4	5	1	4	0	0	0	21	5	33	2	62	29
2	4	6	0	6	0	3	0	11	1	22	5	42	20
1	5	6	0	4	2	1	2	8	0	33	2	46	13
0	1	1	0	1	0	0	0	31	0	59	3	94	35
1	0	1	0	1	0	2	0	15	2	47	2	69	22
2	5	7	1	6	0	1	4	16	2	93	6	125	32
1	4	5	0	4	1	2	0	18	4	70	7	101	31
0	1	1	0	1	0	1	0	5	9	119	2	136	17
1	4	5	0	3	2	2	1	4	7	48	3	65	17
4	3	7	2	4	1	4	2	20	9	159	7	202	43
1	3	4	0	2	2	8	0	10	5	105	5	134	29
2	7	9	1	7	1	4	1	6	1	64	2	79	15
2	6	8	1	6	1	5	1	11	2	102	0	122	20
2	2	4	0	2	2	1	0	14	6	98	6	127	29
1	5	6	0	3	3	3	0	11	2	41	1	59	18
0	3	3	0	2	1	1	0	9	3	65	1	79	14
0	3	3	0	3	0	1	0	12	3	61	3	81	20
1	3	4	0	3	1	3	0	22	9	86	4	126	40
2	4	6	0	5	1	1	0	18	10	74	16	119	45
0	3	3	0	2	1	6	0	8	8	120	3	145	25
1	4	5	1	4	0	3	0	3	4	78	3	91	13
1	2	3	0	2	1	3	0	11	4	99	4	121	22
1	3	4	1	3	0	3	0	4	4	66	1	78	12
1	1	2	0	2	0	1	0	5	1	93	1	101	8
2	7	9	1	5	3	5	0	12	10	51	2	80	29
1	6	7	0	6	1	2	0	11	5	58	1	77	19
1	8	9	0	9	0	1	0	9	4	51	0	65	14
1	3	4	1	2	1	1	0	6	1	39	3	50	11
1	4	5	0	5	0	1	0	12	5	51	2	71	20
0	5	5	0	5	0	3	2	6	7	49	4	73	24
0	0	0	0	0	0	2	0	12	1	39	4	58	19
0	2	2	1	1	0	2	0	10	8	87	3	110	23
0	1	1	0	1	0	1	0	5	2	48	4	60	12
0	4	4	0	4	0	3	0	13	6	175	5	202	27
1	0	1	1	0	0	1	0	6	5	105	7	124	19
0	5	5	1	4	0	0	1	3	1	81	10	97	16
0	3	3	0	3	0	1	0	3	3	34	7	48	14
1	5	6	0	6	0	3	0	15	2	59	3	85	26
1	3	4	0	3	1	2	0	5	4	46	3	61	15

Appendix 7.4. Modeling Datasets for Mileage Modeling of Zone 1

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
E	4	139	849	6626	1	0.33	26.3	3820	3	0.19	1.15	3	0.49	-0.87	3820
E	0	227	139	6626	1	0.85	31.3	8593	1	0.12	1.52	1	0.3	-3.29	8593
E	6	362	102	6626	1	0.04	31.3	8593	3	0.45	2.6	2	0.34	-0.95	8593
E	4	833	159	6626	1	0.37	68.1	1658	1	0	3.21	1	0.19	-3.72	1658
E	1	352	432	7899	2	0.7	50.7	3016	1	0.28	5.66	1	0.19	-2.69	3015
E	3	165	60	7899	2	0.57	53.9	2239	1	0.15	5.56	2	0.44	-4.29	1462
E	1	23	16	8100	2	0.7	10.9	17187	2	0.12	1.41	1	0.19	-2.05	11456
E	2	67	28	6298	1	0.37	6.2	22918	2	0.11	0.89	0	0	0	22918
E	3	34	21	6298	1	0.89	49.3	11458	2	0.19	0.37	2	0.23	-0.85	11458
E	0	61	17	6298	1	0.97	49.3	11458	3	0.27	0.65	1	0.08	-0.52	11458
E	2	47	32	6298	1	0.61	62.2	3015	2	0.11	0.95	1	0.15	-1.52	3015
E	0	11	16	6362	2	0.48	60.1	3418	1	0.04	0.02	0	0	0	3015
E	4	26	26	6362	2	0.66	48	3819	5	0.42	0.58	3	0.13	-0.08	3818
E	10	14	28	6362	2	0.61	45.2	3415	3	0.25	0.21	4	0.47	-1.66	3013
E	5	129	35	6302	0	0	0	0	0	0	0	4	0.33	-1	0
E	6	144	45	6302	1	0.23	11.9	5739	3	0.27	1.27	3	0.3	-0.28	5739
E	1	78	38	6302	1	0.24	12.7	5662	2	0.15	0.34	4	0.23	-0.09	5662
E	3	121	40	6302	1	0.09	36	2547	3	0.25	1.55	1	0.11	-1.04	2547
E	2	52	40	6302	1	0.22	36	2547	4	0.23	1.16	1	0.04	-0.34	2547
E	1	31	23	5678	1	0.07	6.6	3044	2	0.19	2.24	3	0.25	-1.35	3044
E	5	14	20	5678	0	0	0	0	2	0.11	0.48	4	0.51	-2.79	0
E	4	64	10	5678	1	0.37	37.5	3015	1	0.04	0.19	2	0.12	-5.1	3015
E	2	97	19	11356	0	0	0	0	3	0.25	1.08	2	0.15	-0.43	0
E	3	89	27	11356	0	0	0	0	5	0.36	1.42	3	0.15	-0.91	0
E	0	59	26	5668	0	0	0	0	1	0.04	0.34	3	0.23	-0.34	0
E	1	32	26	5668	0	0	0	0	1	0.08	0.96	0	0	0	0
E	3	39	21	5668	0	0	0	0	1	0.11	2.99	1	0.08	-0.3	0
E	7	25	82	5668	1	0.47	24.9	5757	0	0	0	1	0.38	-5.63	5757
E	1	184	59	5668	0	0	0	0	1	0.15	3.67	1	0.11	-1.61	0
E	0	102	32	5678	0	0	0	0	1	0.08	1.73	2	0.3	-2.3	0
E	4	142	57	5678	0	0	0	0	1	0.13	1.3	1	0.38	-2.46	0
E	3	143	37	5688	0	0	0	0	0	0	0	1	0.19	-0.15	0
E	0	188	45	5688	1	0.46	13.8	11459	1	0.15	3.08	0	0	0	11459
E	2	189	50	5688	1	0.06	13.8	11459	0	0	0	1	0.19	-2.35	11459
E	0	110	46	5688	1	1.5	21.7	22913	1	0.11	1.49	1	0.11	-0.86	22913
E	1	88	23	4933	0	0	0	0	0	0	0	1	0.19	-1.7	0
E	3	82	37	4933	1	0.14	21.7	22913	1	0.19	4.3	1	0.05	-1.16	22913
E	1	64	15	4933	1	0.11	30.9	5730	1	0.15	1.83	2	0.25	-1.91	5730
E	0	208	49	4933	1	0.48	30.9	5730	2	0.41	2.41	1	0.3	-3.4	5730
E	1	34	13	4933	1	0.57	22.4	7640	1	0.04	3.26	2	0.38	-1.8	7640
E	0	42	21	5271	1	0.24	6.8	11468	1	0.23	2.32	0	0	0	11468
E	2	49	31	5271	1	0.02	6.8	11468	2	0.27	1.72	1	0.15	-0.55	11468
E	1	189	59	5072	1	0.29	7.5	11459	0	0	0	1	0.45	-3.82	11459
E	1	37	19	5072	1	0.14	3.9	22933	2	0.3	1.98	1	0.3	-3.05	22933
E	0	48	16	5072	2	0.45	13.2	17197	2	0.27	1.11	2	0.12	-0.64	11462
E	0	43	15	5072	2	0.68	21.3	11459	1	0.11	1.76	2	0.29	-1.54	11456
E	1	88	39	5072	1	0.64	20.1	11456	1	0.03	1.82	1	0.19	-1.78	11456
E	3	50	26	5072	1	0.08	19.5	11459	3	0.2	1.63	1	0.11	-0.74	11459
E	1	31	15	5072	1	0.66	19.5	11459	1	0.15	1.54	2	0.29	-1.57	11459
E	0	48	14	5340	1	0.08	19.6	5759	1	0.11	2.5	3	0.28	-0.77	5759
E	0	37	21	5340	2	0.56	36.2	5736	2	0.19	1.53	1	0.08	-0.87	5713
E	4	16	11	5340	2	0.78	47.7	5729	1	0.23	3.9	1	0.19	-2.33	5713

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
E	1	12	11	5340	1	0.77	42.8	5744	0	0	0	1	0.27	-2.81	5744
E	1	81	23	5340	1	0.39	12.2	11497	0	0	0	1	0.05	-1.43	11497
E	0	55	6	5340	1	0.07	12.2	11497	2	0.19	0.81	1	0.14	-1.43	11497
E	4	55	8	5340	0	0	0	0	2	0.12	1.01	2	0.23	-1.51	0
E	0	50	10	5340	0	0	0	0	2	0.19	1.32	1	0.11	-1.11	0
E	0	6	3	5340	1	0.55	14.4	11459	1	0.08	1.36	2	0.21	-1.26	11459
E	0	9	0	5340	0	0	0	0	1	0.08	0.85	2	0.17	-0.63	0
E	1	28	4	5340	0	0	0	0	0	0	0	2	0.3	-1.4	0
E	3	28	8	5340	1	0.53	14	11455	0	0	0	1	0.04	-1.94	11455
E	2	35	21	5340	0	0	0	0	1	0.08	2.28	1	0.08	-1.16	0
E	0	46	13	5121	0	0	0	0	1	0.08	0.6	0	0	0	0
E	1	36	18	5121	0	0	0	0	0	0	0	1	0.08	-0.92	0
E	0	47	19	5121	0	0	0	0	2	0.23	1.11	0	0	0	0
E	3	34	10	5121	1	0.26	47.7	7168	0	0	0	0	0	0	7168
E	3	81	23	5121	1	0.87	47.7	7168	0	0	0	0	0	0	7168
E	0	42	19	6502	1	0.62	16.5	11463	0	0	0	0	0	0	11463
E	4	64	32	6502	0	0	0	0	0	0	0	1	0.07	-1.82	0
E	1	27	8	6135	0	0	0	0	1	0.11	0.91	1	0.01	-1.82	0
E	1	49	12	6135	1	0.18	2.4	22870	0	0	0	2	0.21	-1.07	22870
E	1	31	10	6135	0	0	0	0	2	0.27	1.75	1	0.09	-1.77	0
E	1	299	61	6135	0	0	0	0	1	0	1.63	1	0.27	-2.7	0
E	0	115	31	6660	0	0	0	0	2	0.3	1.22	0	0	0	0
E	0	61	32	6660	0	0	0	0	0	0	0	2	0.19	-0.59	0
E	1	80	19	6660	0	0	0	0	1	0	1.16	1	0.11	-0.85	0
E	1	51	18	6660	0	0	0	0	2	0.26	1.28	1	0.27	-3	0
E	5	65	23	6660	0	0	0	0	2	0.27	1.02	0	0	0	0
E	0	99	34	6660	1	0.16	4.2	11459	1	0.11	0.37	1	0.11	-0.54	11459
E	1	54	11	6660	0	0	0	0	1	0.15	1.6	1	0.33	-2.66	0
E	3	99	32	6660	0	0	0	0	1	0.23	2.51	1	0.02	-2.66	0
E	2	34	14	6660	1	0.47	33.2	5730	0	0	0	1	0.19	-0.97	5730
E	5	46	22	6660	2	0.46	29.6	5730	0	0	0	1	0.2	-3.87	5730
E	4	109	56	6412	2	0.25	21.3	5730	1	0.08	0.64	1	0.18	-3.87	5730
E	4	110	43	7435	2	0.55	35.9	5014	1	0.08	2.26	1	0.08	-0.86	4297
E	3	48	22	7435	2	0.85	37	5014	1	0.11	3.39	1	0.23	-2.25	4297
E	5	26	14	6802	2	0.51	18	5013	2	0.16	2.34	0	0	0	4297
E	5	58	18	6802	2	0.37	18.8	4775	1	0.11	1.46	1	0.37	-4.31	3820
E	5	26	17	6802	0	0	0	0	2	0.38	2.02	0	0	0	0
E	6	58	32	6802	3	0.38	24.9	2679	0	0	0	1	0.08	-2.58	1042
E	4	154	48	6551	3	0.39	9.1	5730	0	0	0	2	0.4	-3.86	5730
E	5	67	57	6551	0	0	0	0	2	0.46	3.12	1	0.04	-3.64	0
E	4	57	84	11980	1	0.55	36.1	4584	1	0.23	3.33	1	0.11	-3.64	4584
E	3	84	86	11980	2	0.4	22.7	4775	1	0.23	3.7	1	0.38	-2.7	3820
E	1	143	133	11980	2	0.66	36.5	3098	1	0.34	5.32	1	0.38	-4.52	2377
E	6	111	78	11980	1	0.28	37.7	2258	1	0.11	0.87	1	0.23	-2.74	2258
E	3	360	196	11980	0	0	0	0	1	0.3	3.64	1	0.38	-4.05	0
E	4	75	79	11980	2	0.42	6.5	11450	0	0	0	1	0.19	-1.14	11448
E	2	71	99	11980	1	0.07	7.7	11452	1	0.15	1.34	1	0.32	-1.81	11452
E	5	48	101	11980	0	0	0	0	1	0.1	0.61	1	0.14	-1.81	0
E	2	51	68	10094	1	0.15	4	11445	2	0.17	0.52	0	0	0	11445
E	4	37	47	10094	0	0	0	0	0	0	0	1	0.15	-0.11	0
E	4	30	75	10094	1	0.72	37.8	5730	2	0.27	2.07	1	0.19	-1.58	5730
E	5	36	46	8568	0	0	0	0	0	0	0	1	0.38	-2.53	0
E	11	22	52	8781	1	0.27	36.8	2214	0	0	0	1	0.11	-2.53	2214
E	3	23	32	7683	1	0.64	62.1	3125	0	0	0	0	0	0	3125

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
E	5	70	41	7683	2	1.38	69.6	3123	2	0.21	2.06	2	0.49	-2.24	3121
E	6	28	55	7683	0	0	0	0	2	0.09	1.11	1	0.11	-2.48	0
E	3	54	40	6733	3	0.34	59.4	3084	3	0.24	0.82	1	0.15	-0.5	2307
E	1	41	22	6733	2	0.74	34.8	4774	1	0.08	2.68	1	0.48	-6	3819
E	1	133	49	6733	1	0.21	22.5	5730	3	0.34	1.88	2	0.21	-4.06	5730
E	3	64	42	6733	0	0	0	0	2	0.23	2.26	2	0.61	-2.66	0
E	2	129	26	6362	0	0	0	0	2	0.23	1.84	3	0.56	-0.96	0
E	1	97	32	6362	1	0.26	14	5730	1	0.15	2.3	2	0.31	-1.89	5730
E	0	74	45	6362	0	0	0	0	2	0.24	0.84	0	0	0	0
E	0	66	18	6362	1	0.33	17.2	5730	1	0.06	1.3	1	0.23	-2.5	5730
E	0	89	18	6362	0	0	0	0	2	0.3	0.94	2	0.21	-0.61	0
E	1	101	27	6362	0	0	0	0	1	0.15	1.41	2	0.2	-1.01	0
E	1	69	23	6362	0	0	0	0	2	0.23	0.53	2	0.17	-0.95	0
E	6	43	13	6362	1	0.03	19.4	5730	2	0.23	0.5	3	0.25	-0.48	5730
E	2	91	34	6362	2	0.52	14.4	8591	1	0.13	0.85	2	0.31	-0.55	5730
E	0	27	14	6362	2	0.4	21	9164	3	0.21	0.72	1	0.11	-2.54	6875
E	2	24	32	6362	2	0.73	36	4281	1	0.23	2.5	2	0.24	-2	1686
E	3	11	11	6234	1	0.71	47.1	4584	2	0.27	1.31	1	0.27	-2.58	4584
E	2	10	8	6234	1	0.56	37.2	4583	2	0.15	1.22	2	0.27	-1.18	4583
E	0	17	10	6234	1	0.18	26.7	2005	2	0.27	1.37	1	0.15	-1.19	2005
E	4	19	11	6234	1	0.51	33.9	4583	1	0.23	2.21	1	0.27	-2.41	4583
E	1	9	7	6234	1	0.38	20.1	5730	1	0.15	1.44	1	0.19	-1.37	5730
E	0	10	9	6234	1	0.14	34.9	1470	2	0.19	0.89	2	0.27	-0.43	1470
E	5	5	10	6234	2	0.28	25.6	3027	2	0.16	1.2	2	0.3	-2.03	1470
E	1	21	19	6234	0	0	0	0	3	0.33	0.86	1	0.23	-2.64	0
E	9	16	10	5747	1	0.38	10	11459	1	0.08	1.07	0	0	0	11459
E	5	11	12	5747	1	0.24	35.8	5730	1	0.09	2.17	0	0	0	5730
E	7	10	4	5747	1	0.44	35.8	5730	1	0.03	2.17	1	0.34	-2.82	5730
E	4	25	6	5747	0	0	0	0	2	0.53	1.98	1	0.24	-4.3	0
E	1	15	9	5747	1	0.95	39.3	11458	2	0.34	3.77	2	0.44	-4.17	11458
E	7	17	10	5747	1	0.54	39.3	11458	1	0.27	4.3	2	0.38	-2.25	11458
E	7	10	7	5668	0	0	0	0	1	0.3	1.91	2	0.21	-1.22	0
E	5	34	11	5668	1	0.34	9.1	11459	0	0	0	2	0.13	-1.02	11459
E	4	7	4	5668	1	0.13	16.6	11459	0	0	0	1	0.08	-0.5	11459
E	6	12	10	5668	1	0.5	16.6	11459	1	0.25	3.19	0	0	0	11459
E	5	13	6	5668	1	0.09	5.1	11470	1	0.01	3.19	1	0.27	-3.77	11470
E	7	19	15	5668	1	0.11	5.1	11470	0	0	0	2	0.23	-2.9	11470
E	2	28	10	5617	0	0	0	0	1	0.08	0.47	1	0.08	-0.29	0
E	1	22	4	5617	0	0	0	0	1	0.08	0.78	1	0.12	-0.65	0
E	1	58	18	5617	0	0	0	0	1	0.11	1.4	3	0.17	-0.87	0
E	0	19	4	5617	0	0	0	0	1	0.23	4	2	0.2	-1.2	0
E	0	5	0	5588	0	0	0	0	1	0.08	0.52	1	0.19	-2.21	0
E	1	22	5	5588	0	0	0	0	1	0.17	2.62	1	0.19	-2.23	0
E	1	10	3	5588	0	0	0	0	1	0.38	1.36	0	0	0	0
E	1	28	13	5588	1	0.09	1.2	22869	1	0.15	1.47	1	0.08	-3.08	22869
E	3	6	0	5588	1	0.09	1.2	22918	2	0.23	1.49	1	0.15	-3.08	22918
E	4	11	4	5588	0	0	0	0	2	0.23	0.92	1	0.23	-2.54	0
E	2	9	4	5489	1	0.08	2.1	11431	1	0.15	5.3	2	0.21	-2.72	11431
E	5	15	5	5489	0	0	0	0	0	0	0	2	0.51	-3.04	0
E	0	18	4	5489	0	0	0	0	1	0.15	1.97	1	0.13	-2.09	0
E	0	35	9	5489	1	0.05	14.4	5730	1	0.15	2.42	2	0.48	-2.83	5730
E	2	28	7	5489	1	0.22	14.4	5730	1	0.15	3.6	1	0.15	-0.98	5730
E	1	62	17	5489	0	0	0	0	0	0	0	1	0.3	-2.27	0
E	2	43	9	5480	0	0	0	0	1	0.15	0.46	0	0	0	0

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
E	3	82	19	5480	0	0	0	0	0	0	0	1	0.08	-0.5	0
E	10	56	17	5480	0	0	0	0	1	0.06	1.39	2	0.23	-0.37	0
E	3	89	21	5480	0	0	0	0	2	0.25	0.9	1	0.15	-1.13	0
E	5	96	16	5480	1	0.11	8.2	11452	1	0.15	0.73	1	0.15	-0.6	11452
E	1	71	19	5480	1	0.2	8.2	11452	2	0.3	0.77	0	0	0	11452
E	2	97	20	5480	1	0.08	5.6	17189	1	0.15	0.65	2	0.23	-0.95	17189
E	2	69	14	5480	1	0.24	5.6	17189	1	0.15	0.81	2	0.28	-1.36	17189
E	6	119	20	5480	0	0	0	0	1	0.15	1.49	1	0.1	-1.81	0
E	0	177	31	5480	0	0	0	0	1	0.15	0.8	2	0.2	-1.19	0
E	6	173	32	5480	0	0	0	0	1	0.15	1.64	1	0.1	-1.8	0
E	4	194	36	5480	0	0	0	0	1	0.15	0.62	1	0.15	-1.48	0
E	4	97	20	5509	0	0	0	0	1	0.11	1.74	0	0	0	0
E	6	119	36	5509	1	0.21	21.2	5730	2	0.27	1.95	2	0.3	-2.14	5730
E	3	90	40	5509	1	0.19	21.2	5730	2	0.28	2.29	2	0.52	-3.68	5730
E	4	33	12	5718	0	0	0	0	2	0.23	1.36	1	0.03	-3.22	0
E	1	36	8	5718	1	0.18	9.7	5730	0	0	0	0	0	0	5730
E	3	29	13	5718	0	0	0	0	1	0.08	2	2	0.1	-1.79	0
E	7	46	12	5718	1	0.13	19.1	14325	2	0.15	1.55	2	0.31	-2.22	14325
E	1	29	6	5718	1	0.78	19.1	14325	2	0.15	0.45	2	0.08	-1.14	14325
E	0	15	8	5718	1	0.34	16.1	8593	2	0.15	1.11	2	0.14	-1.22	8593
E	5	15	7	5718	2	0.38	23.3	7161	2	0.15	1.23	2	0.2	-1.9	5730
E	3	22	6	5718	1	0.31	30.6	5730	1	0.15	1.84	1	0.15	-1.49	5730
E	5	37	15	5718	0	0	0	0	2	0.15	2.56	2	0.41	-2.83	0
E	5	35	15	5718	0	0	0	0	2	0.15	1.55	1	0.14	-1.97	0
E	5	47	16	5718	0	0	0	0	2	0.15	1.61	2	0.55	-3.49	0
E	4	43	12	5697	0	0	0	0	2	0.15	0.78	2	0.23	-1	0
E	1	72	11	5697	0	0	0	0	2	0.13	1.5	1	0.08	-0.59	0
E	1	145	28	5697	0	0	0	0	2	0.17	1.71	1	0.27	-3.31	0
E	3	63	13	5816	0	0	0	0	1	0.11	0.88	1	0.14	-1.49	0
E	1	44	26	5816	0	0	0	0	2	0.19	0.48	2	0.08	-0.98	0
E	1	78	25	5816	1	0.43	11.4	11459	1	0.11	2.75	2	0.42	-2.35	11459
E	9	74	21	5816	0	0	0	0	1	0.11	2.32	2	0.18	-2.26	0
E	2	82	21	5816	0	0	0	0	1	0.11	1.05	0	0	0	0
E	3	86	16	5816	0	0	0	0	1	0.19	2.25	1	0.15	-1.38	0
E	1	63	15	5816	1	0.24	11	17189	1	0.11	1.98	3	0.31	-1.72	17189
E	3	68	23	5816	1	0.39	11	17189	2	0.17	1.41	1	0.19	-2.3	17189
E	4	94	34	5816	0	0	0	0	2	0.21	1.94	2	0.3	-1.41	0
E	1	65	14	5826	0	0	0	0	1	0.11	1.25	2	0.19	-1.02	0
E	2	80	17	5826	0	0	0	0	1	0.11	1.67	1	0.11	-1.41	0
E	0	56	27	5826	0	0	0	0	1	0.15	0.64	1	0.08	-0.41	0
E	2	177	37	5826	0	0	0	0	0	0	0	1	0.08	-0.44	0
E	4	208	73	5826	0	0	0	0	2	0.14	1.14	1	0.19	-1.75	0
E	1	118	20	5846	0	0	0	0	2	0.2	0.96	2	0.15	-0.65	0
E	2	126	39	5846	1	0.12	8.2	17182	2	0.23	1.4	1	0.08	-0.46	17182
E	3	69	33	5846	1	0.34	8.2	17182	1	0.15	1.17	1	0.15	-1.85	17182
E	2	25	19	5856	1	0.71	29.3	11459	1	0.15	2.27	2	0.17	-3.29	11459
E	2	53	29	5856	1	0.4	29.3	11459	2	0.23	1.68	2	0.33	-2.61	11459
E	0	150	13	5928	1	0.07	26	12277	1	0.12	2.14	1	0.15	-1.38	12277
E	3	268	59	5928	1	0.98	26	12277	1	0.23	1.48	1	0.15	-1.51	12277
E	1	1191	183	5928	0	0	0	0	2	0.3	1.18	2	0.19	-2.03	0
E	2	281	66	6402	0	0	0	0	1	0.23	3.02	1	0.12	-1.25	0
E	3	152	82	6402	2	0.24	30.9	1322	4	0.36	0.71	3	0.42	-1.41	1007
E	4	111	39	6402	2	0.24	9.8	3636	2	0.47	1.6	2	0.12	-1.68	1543
E	1	127	34	6402	1	0.13	38.8	5404	0	0	0	2	0.32	-2.5	5404

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
E	4	318	108	6402	1	0.57	38.8	5404	3	0.29	1.27	0	0	0	5404
E	1	134	118	6806	1	0.31	49.9	1890	1	0.13	1.59	1	0.11	-1.45	1890
E	2	179	66	7335	1	0.12	10.2	11454	1	0.08	0.76	0	0	0	11454
E	0	177	47	7335	1	0.27	10.2	11454	0	0	0	1	0.11	-0.62	11454
E	2	189	46	7335	0	0	0	0	1	0.16	2.99	2	0.72	-2.86	0
E	5	94	61	7335	1	0.18	38.9	1418	1	0.32	6.12	1	0.46	-3.63	1418
E	3	89	31	6184	2	0.42	26.7	6557	1	0.12	1.7	3	0.31	-1.47	1655
E	0	207	89	6184	2	0.54	19.9	7338	2	0.22	0.67	1	0.23	-1.95	3216
E	1	207	41	5887	1	0.55	29.3	5730	3	0.26	1.07	1	0.19	-1.65	5730
E	0	513	60	5887	0	0	0	0	1	0.01	1.75	1	0.15	-1.43	0
E	3	239	57	5887	0	0	0	0	1	0.15	2.05	1	0.08	-0.31	0
E	2	221	58	5887	0	0	0	0	1	0.08	0.26	0	0	0	0
E	0	239	57	5887	0	0	0	0	0	0	0	0	0	0	0
E	1	170	45	5887	0	0	0	0	1	0.15	1.66	1	0.45	-3.85	0
E	3	127	223	5887	1	0.24	6.5	11450	3	0.34	1.04	1	0.3	-1.42	11450
E	2	172	46	5836	1	0	16.8	11456	2	0.3	1.66	1	0.27	-2.75	11456
E	1	149	55	5836	1	0.64	16.8	11456	2	0.23	0.93	1	0.15	-1.42	11456
E	1	60	27	5836	0	0	0	0	1	0.15	1.8	1	0.08	-0.62	0
E	1	79	21	5836	0	0	0	0	0	0	0	2	0.34	-2.72	0
E	0	108	23	5836	0	0	0	0	3	0.45	2.13	2	0.21	-2.44	0
E	1	87	31	5836	0	0	0	0	0	0	0	6	0.45	-0.68	0
E	3	454	152	5836	0	0	0	0	3	0.18	0.56	4	0.11	-0.45	0
E	0	214	56	5003	0	0	0	0	3	0.41	2.29	5	0.2	-0.76	0
E	0	109	53	5003	0	0	0	0	1	0.13	1.7	2	0.22	-0.43	0
E	3	106	92	5003	0	0	0	0	3	0.13	0.73	6	0.31	-0.46	0
E	1	92	44	4993	0	0	0	0	2	0.23	0.9	5	0.16	-0.35	0
E	6	55	47	4993	0	0	0	0	2	0.15	1.37	2	0.12	-0.45	0
E	3	47	38	4993	0	0	0	0	1	0.19	2.11	2	0.09	-0.84	0
E	1	147	79	4993	1	0.22	11.8	5730	1	0.3	2.42	2	0.18	-0.83	5730
E	3	42	56	4993	0	0	0	0	3	0.17	0.43	1	0.06	-0.65	0
E	2	20	29	4993	1	0.33	17.4	5733	2	0.11	0.33	3	0.36	-2.35	5733
E	7	71	56	4993	0	0	0	0	1	0.23	3.6	1	0.37	-4.17	0
E	7	44	16	4993	1	0.68	36	5728	0	0	0	1	0.38	-3.52	5728
E	3	38	21	4993	0	0	0	0	2	0.28	4.05	1	0.34	-3.25	0
E	1	53	26	4993	0	0	0	0	1	0.14	4.22	0	0	0	0
E	2	74	36	4993	1	0.1	5.5	5730	1	0.23	3.39	1	0.38	-4.6	5730
E	0	54	28	4993	1	0.14	7.2	5722	1	0.3	2.37	1	0.19	-0.56	5722
E	2	29	25	4993	2	0.53	45	3801	1	0.19	0.98	1	0.24	-7.5	1872
E	5	261	125	4993	1	0.31	68.3	1872	2	0.24	2.99	1	0.44	-7.5	1872
E	16	99	90	4993	2	0.82	35.9	4597	2	0.52	3.57	1	0.34	-2.99	4582
E	1	392	123	4993	1	0.27	40.2	4612	0	0	0	1	0.47	-4.03	4612
E	1	191	107	4993	0	0	0	0	1	0.19	2.31	1	0.17	-1.22	0
E	3	118	58	5092	1	0.97	15	22911	1	0.15	0.8	2	0.17	-0.64	22911
E	3	52	31	5092	2	0.63	26.9	13772	0	0	0	1	0.19	-0.1	4634
E	4	92	54	5092	2	0.43	30.7	4607	2	0.34	0.47	2	0.23	-0.75	4581
E	1	40	32	5092	2	0.42	31.8	4583	2	0.38	1.22	1	0.03	-0.22	4581
E	7	18	48	5092	2	0.64	23.3	13746	1	0.15	2.48	0	0	0	4584
E	3	17	29	5102	3	0.68	23.3	11074	0	0	0	1	0.01	-7.74	4584
E	5	69	47	5102	1	0.39	46.3	4584	1	0.26	2.51	1	0.44	-7.74	4584
E	4	59	24	5102	0	0	0	0	3	0.69	2.47	0	0	0	0
E	1	30	17	5102	0	0	0	0	0	0	0	1	0.49	-5.25	0
E	2	105	27	5102	1	0.38	20.1	5730	2	0.26	4.04	1	0.15	-2.25	5730
E	7	14	25	5102	1	0.42	27.6	4583	1	0.19	7.59	0	0	0	4583
E	9	51	77	5102	1	0.39	25.8	5730	2	0.3	1.94	1	0.53	-6.42	5730

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
E	0	120	53	5092	1	0.1	25.8	5730	0	0	0	2	0.45	-1.94	5730
E	2	69	19	5092	1	0.66	43.8	5209	1	0.15	2.65	1	0.21	-2.41	5209
E	4	23	24	5092	1	0.09	43.8	5209	1	0.23	4.74	0	0	0	5209
E	5	24	21	5092	1	0.48	58.6	2473	1	0.15	0.43	1	0.53	-6.62	2473
E	6	227	64	5092	1	0.23	31.8	2144	3	0.45	1.93	0	0	0	2144
E	2	72	44	5092	1	0.23	6	11450	0	0	0	1	0.15	-3.64	11450
E	4	68	32	5092	0	0	0	0	1	0.15	0.85	1	0.15	-0.37	0
E	1	409	76	5092	0	0	0	0	1	0.15	2.46	1	0.27	-2.8	0
E	5	105	44	5092	1	0.52	27.5	5730	1	0.01	2.78	1	0.15	-1.26	5730
E	3	95	37	5092	1	0.19	25.2	5730	1	0.14	2.78	1	0.29	-2.63	5730
E	3	92	26	5092	1	0.28	25.2	5730	2	0.21	2.37	1	0.01	-2.63	5730
E	4	47	42	5092	1	0.32	16.9	5730	1	0.09	3.13	1	0.15	-1.07	5730
E	11	43	14	5092	1	0.08	1	22862	2	0.17	0.41	1	0.49	-5.82	22862
E	0	12	11	5092	2	0.67	36.5	3342	2	0.38	2.63	0	0	0	2865
E	5	16	11	5092	2	0.16	28.6	4297	1	0.15	1.53	1	0.15	-0.62	2865
E	7	16	12	5092	2	0.7	20.5	5730	0	0	0	1	0.32	-4.31	5730
E	1	37	8	5092	1	0.03	29	5730	1	0.11	1.57	2	0.17	-2.95	5730
E	2	89	28	5092	0	0	0	0	1	0.23	1.39	1	0.46	-1.59	0
E	7	118	23	5092	0	0	0	0	1	0.11	2.05	1	0.27	-4.04	0
E	13	142	31	5092	1	0.19	18.2	4582	2	0.16	1.89	2	0.3	-3.71	4582
E	8	56	18	5092	1	0.09	18.2	4582	2	0.21	2.64	1	0.19	-1.09	4582
E	2	32	20	5092	1	0.47	37.3	3819	1	0.11	0.16	1	0.11	-0.62	3819
E	6	72	38	5092	0	0	0	0	2	0.23	1.85	1	0.27	-2.96	0
E	3	30	14	5102	0	0	0	0	1	0.11	0.95	2	0.23	-0.6	0
E	1	41	10	5102	0	0	0	0	2	0.19	0.71	1	0.15	-1.12	0
E	3	62	14	5102	1	0.33	17.6	5730	1	0.11	0.96	1	0.11	-0.77	5730
E	3	87	19	5102	0	0	0	0	0	0	0	1	0.11	-0.13	0
E	5	86	24	5102	0	0	0	0	1	0.16	1.32	1	0.11	-1.26	0
E	5	102	25	5102	1	0.55	28.8	5730	2	0.22	0.95	1	0.19	-0.41	5730
E	3	115	28	5102	0	0	0	0	2	0.15	2.53	1	0.38	-4.7	0
E	0	68	24	8683	1	0.37	23.9	5730	2	0.26	1.36	1	0.04	-0.75	5730
E	3	207	36	8683	1	0.08	23.9	5730	1	0.11	0.16	2	0.18	-0.41	5730
E	3	167	60	8683	0	0	0	0	1	0.11	2.28	3	0.35	-0.67	0
E	1	122	45	8683	1	0.27	14.2	5730	1	0.11	0.13	1	0.11	-0.02	5730
E	1	83	24	8683	1	0.17	8.8	5730	1	0.11	1.25	1	0.02	-1.28	5730
E	7	89	27	8683	0	0	0	0	1	0.11	1.09	2	0.29	-1.44	0
E	10	37	19	8683	1	0.02	29.3	2083	1	0.15	3.89	1	0.41	-5.61	2083
E	2	76	38	8683	2	0.28	23.8	1850	1	0.11	1.55	1	0.23	-5.61	1617
E	4	73	30	8683	0	0	0	0	1	0.11	1.18	2	0.38	-1.12	0
E	2	60	20	8683	0	0	0	0	1	0.15	1.03	1	0.11	-0.46	0
E	1	94	19	8683	1	0.34	31.2	3268	0	0	0	1	0.15	-0.46	3268
E	6	43	27	8683	1	0.32	55.2	1772	2	0.23	0.56	0	0	0	1772
E	2	22	64	8683	0	0	0	0	2	0.18	1.17	0	0	0	0
E	3	26	48	5874	0	0	0	0	2	0.2	2.94	2	0.76	-3.96	0
E	7	20	25	8863	1	0.34	66.6	1548	3	0.26	1.62	4	0.34	-1.93	1548
E	7	20	76	8863	0	0	0	0	1	0.1	1.83	1	0.4	-3.08	0
E	0	50	31	6898	1	0.74	19.6	11456	1	0.08	0.71	0	0	0	11456
E	2	47	54	6898	0	0	0	0	1	0.08	0.65	0	0	0	0
E	8	17	75	6898	1	0.21	54.3	1467	0	0	0	1	0.04	-0.32	1467
E	8	9	30	6760	2	0.12	38.2	3598	1	0.11	1.54	1	0.06	-2.3	1467
E	2	5	25	6760	2	0.74	26	4775	2	0.21	2.38	2	0.24	-2.56	3820
E	4	13	32	6760	2	0.36	36.1	2201	3	0.4	1.13	0	0	0	1128
E	4	7	63	6760	2	0.25	41.1	897	0	0	0	1	0.08	-0.58	817
E	5	12	57	6760	3	0.24	21.6	1851	1	0.11	0.52	1	0.03	-1.38	129

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
E	4	12	56	6760	2	0.18	21.2	4108	1	0.11	0.57	2	0.43	-1.37	2486
E	5	14	97	6760	3	0.54	27.6	2857	1	0.08	3.23	2	0.57	-2.94	1397
E	6	14	16	6580	2	0.24	29.3	1690	2	0.19	2.1	1	0.08	-0.68	1445
E	7	28	24	6580	2	0.35	20.8	3275	0	0	0	2	0.2	-1.78	1967
E	10	135	41	6580	1	0.18	25.7	4584	1	0.15	2.58	2	0.36	-2.29	4584
E	21	214	61	6580	2	0.57	22.4	5157	2	0.19	2.22	2	0.24	-1.58	4584
E	0	116	18	6580	1	0.12	27	11457	2	0.26	2.37	3	0.4	-1.92	11457
E	10	305	61	6580	1	0.9	27	11457	1	0.11	1.32	3	0.37	-1.13	11457
E	9	318	67	6560	1	0.26	13.5	5730	1	0.19	2.71	1	0.19	-1.68	5730
E	8	1424	407	6560	0	0	0	0	1	0.23	2.21	1	0.11	-1.27	0
E	8	67	58	6560	1	0.36	19.1	5730	1	0.08	1.23	2	0.19	-1.04	5730
E	2	74	66	6560	1	0.73	38.4	5730	1	0.11	2.78	1	0.12	-2.65	5730
E	4	100	47	6560	1	0.08	8.1	5730	1	0.08	1.47	2	0.15	-1.64	5730
E	9	237	59	6560	2	0.5	16.4	6685	0	0	0	1	0.08	-0.66	5730
E	1	111	26	6565	1	0.2	24.8	7639	1	0.08	1.51	1	0.08	-0.31	7639
E	0	62	8	6565	1	0.25	12.9	5792	1	0.11	1.78	2	0.27	-1.34	5792
E	0	24	9	6565	2	0.81	10.5	20745	2	0.25	1.19	1	0.08	-0.04	8598
E	4	26	5	6565	5	0.67	10.1	10642	1	0.02	1.86	2	0.23	-1.86	5706
E	1	27	8	6635	4	0.47	16.8	8301	1	0.15	2.78	1	0.3	-2.88	2651
E	2	19	8	6635	3	0.49	16.8	2832	2	0.22	2.49	1	0.27	-2.66	1162
E	8	96	24	6635	7	0.43	12.8	7926	2	0.27	3.75	1	0.3	-3.44	50
E	0	43	12	6712	5	1.02	17.4	4084	1	0.08	5.22	1	0.19	-3.69	1738
E	0	29	4	6712	3	0.64	10.6	6148	1	0.06	1.2	1	0.04	-0.79	3493
E	1	41	33	6712	6	1.24	11.2	7091	2	0.17	1.62	1	0.08	-1.53	4911
E	1	30	8	6716	9	1.1	14	3576	2	0.13	0.81	1	0.15	-3.06	1497
E	0	32	13	6716	3	0.33	5.5	6145	1	0.04	0.88	2	0.15	-0.54	3488
E	1	47	9	6716	9	0.45	4.6	4353	1	0.08	1.22	2	0.15	-0.5	1742
E	0	37	13	6732	2	0.36	11.8	5730	2	0.15	1.15	1	0.08	-1.18	5730
E	3	70	19	6732	2	0.49	23.5	5730	1	0.15	2.31	2	0.23	-1.7	5730
E	1	40	11	6732	1	0.22	32.9	5730	2	0.15	1.19	1	0.15	-2.47	5730
E	2	46	26	6732	1	0.21	11.3	5730	1	0.11	1.33	1	0.08	-0.14	5730
E	0	37	19	6732	1	0.16	4.2	11445	1	0.11	2.59	2	0.27	-1.17	11445
E	2	37	7	6732	1	0.11	2.9	11440	1	0.11	2.09	2	0.23	-0.94	11440
E	3	61	24	6732	1	0.17	4.6	11459	0	0	0	1	0.15	-1.42	11459
E	3	47	21	6732	1	0.23	12.1	5730	1	0.04	0.42	0	0	0	5730
E	2	215	61	6732	0	0	0	0	1	0.08	0.8	2	0.27	-1.15	0
E	1	44	14	13212	1	0.22	23.2	2865	3	0.28	1.83	2	0.11	-1.25	2865
E	11	21	28	13212	1	0.2	45	1375	2	0.21	2.41	1	0.27	-4.46	1375
E	4	22	20	8750	1	0.31	16.6	5730	2	0.25	2.25	2	0.4	-2.43	5730
E	2	39	14	8750	1	0.21	11	5730	0	0	0	1	0.11	-0.76	5730
E	4	37	49	8750	0	0	0	0	2	0.27	1.59	4	0.4	-1.03	0
E	2	65	48	8295	1	0.29	9.7	11465	2	0.3	0.48	1	0.13	-0.18	11465
E	0	22	40	8295	1	0.08	9.7	11465	2	0.2	1.8	3	0.24	-1.06	11465
E	2	67	29	6007	1	0.59	23.9	11459	0	0	0	3	0.35	-1.53	11459
E	2	56	28	6007	1	0.32	23.9	11459	2	0.3	2.03	0	0	0	11459
E	0	47	29	6007	1	0.23	9.2	7637	2	0.3	2.07	1	0.07	-1.06	7637
E	3	30	10	5016	0	0	0	0	1	0	2.36	1	0.28	-3.26	0
E	0	39	9	5016	1	1.69	34.8	17187	0	0	0	1	0.07	-0.72	17187
E	0	33	26	5016	0	0	0	0	1	0.23	1	2	0.35	-0.65	0
E	0	41	19	4851	1	0.29	34.8	17187	1	0.19	0.25	0	0	0	17187
E	6	27	14	4851	0	0	0	0	1	0.13	1	1	0.15	-1.03	0
E	0	25	15	4851	0	0	0	0	1	0.08	0.46	1	0.08	-0.38	0
E	3	29	10	4851	0	0	0	0	0	0	0	1	0.15	-1.27	0
E	8	59	14	4851	0	0	0	0	2	0.23	1.89	1	0.26	-2.39	0

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
E	3	30	13	4851	0	0	0	0	2	0.1	1.43	1	0.08	-1.02	0
E	0	45	34	4851	0	0	0	0	2	0.13	1.88	1	0.32	-3.53	0
E	0	16	7	4628	0	0	0	0	1	0.08	1.5	1	0.15	-1.53	0
E	0	34	4	4628	0	0	0	0	0	0	0	1	0.08	-0.64	0
E	0	27	10	4628	0	0	0	0	2	0.15	2.05	1	0.32	-3.36	0
E	0	24	15	4628	0	0	0	0	1	0.08	1.09	1	0.15	-1.38	0
E	0	30	9	4628	0	0	0	0	0	0	0	1	0.08	-0.6	0
E	0	33	14	4628	0	0	0	0	2	0.19	2.52	2	0.44	-2.07	0
E	1	38	10	4628	0	0	0	0	1	0.08	0.94	2	0.15	-0.68	0
E	0	47	15	4628	0	0	0	0	1	0.05	2.22	2	0.15	-0.37	0
E	0	31	22	4628	2	0.38	10.3	11459	1	0.03	2.22	1	0.12	-2.67	11459
E	0	25	5	4435	1	0.4	10.5	11459	1	0.08	2.38	1	0.11	-2.67	11459
E	0	15	10	4435	0	0	0	0	1	0.08	2.58	2	0.23	-1.68	0
E	0	12	11	4435	0	0	0	0	0	0	0	0	0	0	0
E	0	20	4	4435	0	0	0	0	0	0	0	1	0.13	-1.37	0
E	2	31	13	4435	0	0	0	0	1	0.08	2.55	2	0.25	-1.33	0
E	2	17	6	4237	1	0.61	18.6	11456	0	0	0	0	0	0	11456
E	1	25	5	4237	1	0.09	18.6	11456	0	0	0	0	0	0	11456
E	0	26	7	4237	0	0	0	0	0	0	0	0	0	0	0
E	0	22	6	4237	0	0	0	0	0	0	0	0	0	0	0
E	2	40	15	4237	0	0	0	0	2	0.3	1.77	1	0.3	-3.51	0
E	0	26	9	4237	0	0	0	0	0	0	0	0	0	0	0
E	0	21	6	4237	1	0.65	54	3619	0	0	0	0	0	0	3619
E	3	45	8	4237	0	0	0	0	0	0	0	0	0	0	0
E	1	71	22	4237	1	0.36	18.8	5730	2	0.3	2.03	1	0.28	-3.33	5730
E	7	9	76	4237	2	61.06	1775.6	3	0.378788	2.28	2	0.606061	-3.56		1775
W	2	101	80	6978	1	0.33	26.3	3820	3	0.24	0.76	1	0.19	-1.29	3820
W	0	167	68	6978	1	0.85	3.1	85852	1	0.1	1.75	2	0.36	-1.52	85852
W	1	289	113	6978	1	0.04	3.1	85852	3	0.44	2.27	1	0.15	-1.28	85852
W	4	221	105	6978	1	0.37	69.9	1615	1	0.03	2.76	1	0.19	-3.82	1615
W	1	133	40	7465	2	0.7	50.7	3016	1	0.28	5.63	1	0.19	-2.62	3015
W	2	85	48	7465	2	0.57	53.9	2239	1	0.17	5.38	2	0.44	-4.21	1462
W	4	12	19	7305	1	0.6	15.7	11456	2	0.12	1.43	1	0.19	-2.05	11456
W	0	55	48	6493	1	0.47	6.2	22918	2	0.1	0.89	0	0	0	22918
W	1	73	36	6493	1	0.87	49.3	11458	2	0.19	0.87	2	0.27	-1.17	11458
W	0	100	23	6493	1	1	49.3	11458	3	0.27	0.69	1	0.11	-1	
W	2	59	22	6493	1	0.61	62.2	3015	2	0.11	0.96	1	0.15	-1.52	3015
W	2	18	17	6551	2	0.48	60.1	3418	0	0	0	1	0.08	-0.06	3015
W	6	243	85	6551	2	0.66	48	3819	5	0.43	0.66	4	0.26	-0.14	3818
W	7	34	25	6551	2	0.61	45.2	3415	3	0.23	0.35	4	0.48	-1.77	3013
W	3	18	31	6525	0	0	0	0	1	0.08	0.16	3	0.29	-1.39	0
W	4	15	27	6525	1	0.23	11.9	5739	3	0.28	1.18	4	0.25	-0.22	5739
W	2	36	15	6525	1	0.24	12.7	5662	4	0.27	0.12	2	0.13	-0.07	5662
W	1	37	17	6525	1	0.09	36	2547	3	0.21	1.6	4	0.3	-0.32	2547
W	5	28	23	6525	1	0.22	36	2547	4	0.23	1.24	1	0.08	-0.61	2547
W	4	87	30	5836	1	0.01	13.1	3043	1	0.02	1.81	2	0.19	-0.7	3043
W	2	32	25	5836	1	0.13	13.1	3043	3	0.17	0.82	3	0.46	-3.44	3043
W	6	9	26	5836	1	0.37	37.5	3015	1	0.04	0.06	1	0.09	-10.08	3015
W	2	5	25	11652	0	0	0	0	2	0.21	1.56	2	0.15	-0.39	0
W	0	11	24	11652	0	0	0	0	5	0.36	1.34	3	0.12	-0.79	0
W	1	21	17	5826	0	0	0	0	1	0.04	0.96	3	0.23	-0.33	0
W	0	66	24	5826	0	0	0	0	0	0	0	0	0	0	0
W	0	191	64	5826	0	0	0	0	2	0.19	1.52	0	0	0	0
W	4	95	41	5826	1	0.47	24.9	5757	0	0	0	1	0.37	-5.63	5757

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
W	2	60	20	5826	0	0	0	0	1	0.15	3.67	1	0.11	-1.61	0
W	4	55	22	5836	0	0	0	0	1	0.08	1.73	2	0.3	-2.3	0
W	3	38	36	5836	0	0	0	0	1	0.13	1.3	1	0.38	-2.46	0
W	4	24	15	5856	0	0	0	0	0	0	0	1	0.19	-0.15	0
W	3	43	20	5856	1	0.47	13.8	11459	1	0.15	3.08	0	0	0	11459
W	0	39	16	5856	1	0.06	13.8	11459	0	0	0	1	0.19	-2.35	11459
W	2	32	23	5856	1	1.5	21.7	22913	1	0.11	1.44	1	0.11	-0.81	22913
W	3	19	14	5181	0	0	0	0	0	0	0	1	0.19	-1.7	0
W	2	18	12	5181	1	0.15	21.7	22913	1	0.19	4.3	1	0.05	-1.16	22913
W	4	24	11	5181	1	0.11	30.9	5730	1	0.15	1.83	2	0.25	-1.91	5730
W	3	27	22	5181	1	0.48	30.9	5730	2	0.41	2.41	1	0.3	-3.4	5730
W	1	28	32	5181	1	0.57	22.4	7640	1	0.04	3.26	2	0.38	-1.77	7640
W	1	12	17	5480	1	0.24	6.8	11468	1	0.23	2.3	0	0	0	11468
W	1	35	31	5480	1	0.02	6.8	11468	2	0.23	1.63	1	0.08	-0.57	11468
W	0	54	26	5311	1	0.29	7.5	11459	1	0.08	0.56	1	0.3	-4.06	11459
W	0	35	8	5311	1	0.14	3.9	22933	2	0.3	2.04	1	0.27	-3.1	22933
W	3	18	5	5311	2	0.45	13.2	17197	2	0.27	1.13	2	0.12	-0.78	11462
W	1	34	8	5311	2	0.68	21.3	11459	1	0.15	2.57	2	0.18	-1.06	11456
W	2	56	18	5311	1	0.64	20.1	11456	2	0.15	1.05	2	0.23	-1.81	11456
W	1	39	21	5311	1	0.07	19.5	11459	2	0.19	1.49	1	0.11	-0.7	11459
W	4	21	9	5311	1	0.67	19.5	11459	1	0.15	1.5	2	0.3	-1.52	11459
W	3	21	3	5588	0	0	0	0	1	0.11	2.39	3	0.27	-0.74	0
W	0	14	16	5588	1	0.55	14.5	11424	1	0.11	1.88	1	0.08	-0.91	11424
W	0	9	3	5588	1	0.55	24.2	11438	1	0.27	4.49	0	0	0	11438
W	6	29	13	5588	1	0.37	24.2	11438	0	0	0	4	0.44	-1.32	11438
W	2	58	11	5588	1	0.45	11.8	11440	1	0.11	1.67	1	0.11	-2.34	11440
W	2	32	14	5568	0	0	0	0	1	0.11	1.5	2	0.16	-1.48	0
W	8	29	27	5568	0	0	0	0	1	0.11	1.46	2	0.15	-1.05	0
W	2	8	5	5568	0	0	0	0	2	0.19	1.41	1	0.11	-1.5	0
W	1	5	5	5568	1	0.55	14.4	11459	1	0.08	1.36	2	0.23	-1.32	11459
W	0	4	9	5568	0	0	0	0	1	0.08	0.85	1	0.15	-1.34	0
W	0	14	4	5568	0	0	0	0	1	0.08	1.35	2	0.32	-1.62	0
W	2	9	14	5568	1	0.51	13.5	11455	0	0	0	1	0.02	-1.94	11455
W	2	11	5	5568	0	0	0	0	2	0.09	1.44	1	0.08	-1.16	0
W	1	18	8	5588	0	0	0	0	1	0.06	0.6	0	0	0	0
W	0	15	5	5588	0	0	0	0	0	0	0	1	0.08	-0.92	0
W	2	10	6	5588	0	0	0	0	2	0.23	1.14	0	0	0	0
W	0	21	6	5588	1	0.28	47.7	7168	0	0	0	0	0	0	7168
W	6	26	12	5588	1	0.85	47.7	7168	1	0.19	2.53	1	0.31	-3.34	7168
W	1	15	10	6789	1	0.62	16.5	11463	0	0	0	2	0.26	-2.56	11463
W	2	23	36	6789	0	0	0	0	2	0.3	1.77	1	0.07	-3.09	0
W	2	12	7	6280	0	0	0	0	1	0.11	1.17	1	0.01	-3.09	0
W	1	17	9	6280	1	0.18	2.4	22870	0	0	0	2	0.18	-1.08	22870
W	1	21	13	6280	0	0	0	0	2	0.27	1.76	1	0.12	-1.78	0
W	0	44	22	6280	0	0	0	0	1	0.01	1.72	1	0.27	-2.78	0
W	3	28	14	6601	0	0	0	0	2	0.28	1.26	0	0	0	0
W	2	33	12	6601	0	0	0	0	1	0.01	0.81	2	0.17	-0.59	0
W	0	26	13	6601	0	0	0	0	0	0	0	1	0.13	-0.85	0
W	0	22	5	6601	0	0	0	0	2	0.27	1.28	1	0.27	-3	0
W	0	30	15	6601	0	0	0	0	2	0.27	1.02	0	0	0	0
W	0	43	13	6601	1	0.16	4.2	11459	1	0.11	0.37	1	0.11	-0.54	11459
W	1	40	15	6601	0	0	0	0	1	0.15	1.6	1	0.33	-2.66	0
W	1	48	16	6601	0	0	0	0	1	0.23	2.51	1	0.02	-2.66	0
W	3	26	13	6601	1	0.47	33.2	5730	0	0	0	1	0.19	-0.97	5730

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
W	5	19	10	6601	2	0.44	29.6	5730	0	0	0	1	0.19	-3.87	5730
W	6	29	66	6330	2	0.23	21.3	5730	1	0.08	0.64	1	0.23	-3.87	5730
W	8	26	20	7365	2	0.55	35.9	5014	1	0.08	2.26	1	0.08	-0.86	4297
W	0	17	28	7365	2	0.87	37	5014	1	0.08	3.39	1	0.23	-2.25	4297
W	3	32	20	7121	3	0.5	18.2	5252	2	0.18	2.34	0	0	0	4297
W	0	36	13	7121	2	0.39	18.8	4775	1	0.11	1.46	1	0.37	-4.32	3820
W	0	33	14	7121	0	0	0	0	2	0.4	2.03	0	0	0	0
W	1	80	32	7121	3	0.37	24.9	2679	0	0	0	1	0.03	-2.63	1042
W	3	233	69	8069	3	0.4	9.1	5730	0	0	0	2	0.4	-3.88	5730
W	2	16	43	8069	0	0	0	0	2	0.54	3.17	1	0.04	-3.64	0
W	3	20	36	12903	1	0.48	33.5	4298	2	0.38	2.15	1	0.14	-3.64	4298
W	0	27	67	12903	1	0.35	18.3	5730	0	0	0	1	0.19	-2.54	5730
W	3	37	99	12903	2	0.62	33.3	3085	1	0.34	5.81	1	0.19	-2.49	2351
W	6	86	106	12903	1	0.28	37.7	2258	1	0.11	0.86	1	0.23	-2.77	2258
W	5	242	122	12903	0	0	0	0	1	0.3	3.64	1	0.38	-4.05	0
W	3	82	78	12903	2	0.42	6.5	11450	0	0	0	1	0.19	-1.14	11448
W	1	43	56	12903	1	0.07	7.7	11452	1	0.15	1.34	1	0.32	-1.98	11452
W	6	38	66	12903	0	0	0	0	1	0.15	0.94	1	0.14	-1.98	0
W	0	34	32	10181	1	0.15	4	11445	1	0.11	0.27	0	0	0	11445
W	1	27	40	10181	0	0	0	0	1	0.05	2.22	1	0.15	-0.1	0
W	3	25	71	10181	1	0.72	37.8	5730	2	0.21	2.28	1	0.19	-1.95	5730
W	4	43	76	8568	0	0	0	0	0	0	0	1	0.49	-2.6	0
W	5	16	58	8750	1	0.27	36.8	2214	0	0	0	1	0	-2.6	2214
W	0	17	14	7903	1	0.64	62.1	3125	0	0	0	1	0.08	-3.61	3125
W	6	8	38	7903	2	1.44	69.6	3123	2	0.21	1.83	2	0.41	-1.99	3121
W	6	16	33	7903	1	0.01	28.8	2307	2	0.09	0.96	1	0.11	-2.15	2307
W	4	19	29	6869	3	0.45	59.4	3084	3	0.18	0.7	1	0.15	-0.5	2307
W	3	118	36	6869	2	0.71	34.8	4774	2	0.19	2.62	1	0.49	-6	3819
W	2	67	27	6869	1	0.08	22.5	5730	2	0.23	1.17	1	0.19	-1.45	5730
W	5	75	47	6869	0	0	0	0	2	0.23	2.31	2	0.53	-2.69	0
W	0	80	25	6760	0	0	0	0	3	0.34	1.69	1	0.49	-3.46	0
W	5	108	30	6760	1	0.26	14	5730	1	0.15	2.29	1	0.3	-3.73	5730
W	2	71	30	6760	0	0	0	0	2	0.3	0.97	0	0	0	0
W	3	141	36	6760	1	0.33	17.2	5730	1	0.03	2.67	2	0.45	-2.11	5730
W	1	83	25	6760	0	0	0	0	2	0.28	1.73	2	0.2	-0.68	0
W	1	147	38	6760	0	0	0	0	1	0.15	1.42	2	0.23	-1.04	0
W	1	90	32	6760	0	0	0	0	2	0.23	0.55	2	0.18	-0.95	0
W	0	48	26	6760	1	0.03	19.4	5730	2	0.27	0.26	3	0.27	-0.34	5730
W	2	60	19	6760	2	0.52	14.4	8591	1	0.11	0.92	3	0.38	-0.39	5730
W	1	23	12	6760	2	0.41	21	9164	2	0.19	0.64	1	0.11	-2.5	6875
W	3	16	23	6760	2	0.72	36	4281	1	0.23	2.5	2	0.23	-1.96	1686
W	3	7	4	6630	1	0.71	47.1	4584	2	0.27	1.28	1	0.27	-2.56	4584
W	0	7	5	6630	1	0.56	37.2	4583	2	0.18	1.32	2	0.27	-1.26	4583
W	4	9	14	6630	1	0.18	26.7	2005	2	0.24	1.39	1	0.15	-1.19	2005
W	1	11	9	6630	1	0.51	33.9	4583	1	0.23	2.1	2	0.28	-1.85	4583
W	1	13	10	6630	1	0.38	20.1	5730	1	0.15	1.44	1	0.17	-1.37	5730
W	1	13	8	6630	1	0.17	34.9	1470	2	0.23	0.84	2	0.23	-0.73	1470
W	3	7	4	6630	2	0.25	25.6	3027	2	0.18	0.91	2	0.3	-1.37	1470
W	1	22	10	6630	0	0	0	0	3	0.31	0.86	1	0.23	-2.64	0
W	1	11	5	6144	1	0.38	10	11459	1	0.08	1.07	0	0	0	11459
W	1	4	4	6144	1	0.24	35.8	5730	1	0.09	2.17	0	0	0	5730
W	3	9	2	6144	1	0.44	35.8	5730	1	0.03	2.17	1	0.34	-2.82	5730
W	1	8	5	6144	0	0	0	0	2	0.53	1.98	1	0.24	-4.3	0
W	3	7	6	6144	1	0.95	39.3	11458	2	0.34	3.77	2	0.44	-4.17	11458

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
W	4	11	4	6144	1	0.54	39.3	11458	1	0.27	4.3	2	0.38	-2.25	11458
W	5	7	7	6074	0	0	0	0	1	0.3	1.91	2	0.21	-1.22	0
W	6	33	7	6074	1	0.34	9.1	11459	0	0	0	2	0.13	-1.02	11459
W	1	9	7	6074	1	0.13	16.6	11459	0	0	0	1	0.08	-0.5	11459
W	2	7	3	6074	1	0.5	16.6	11459	1	0.25	3.2	0	0	0	11459
W	4	11	6	6074	1	0.09	5.1	11470	1	0.01	3.2	1	0.28	-3.7	11470
W	8	16	14	6074	1	0.11	5.1	11470	0	0	0	2	0.21	-2.91	11470
W	12	11	11	6034	0	0	0	0	1	0.08	0.5	1	0.08	-0.29	0
W	3	3	2	6034	0	0	0	0	1	0.08	0.8	1	0.15	-0.77	0
W	3	14	5	6034	0	0	0	0	1	0.11	1.74	2	0.16	-0.99	0
W	9	9	5	6034	0	0	0	0	1	0.23	3.54	2	0.19	-0.86	0
W	3	11	8	5996	0	0	0	0	1	0.08	0.36	1	0.19	-2.27	0
W	5	9	9	5996	0	0	0	0	1	0.19	2.66	1	0.19	-2.19	0
W	3	6	3	5996	0	0	0	0	1	0.3	1.31	0	0	0	0
W	1	21	3	5996	1	0.09	1.2	22869	1	0.15	1.5	1	0.06	-2.96	22869
W	0	11	2	5996	1	0.09	1.2	22918	2	0.21	1.42	2	0.17	-2.71	22918
W	2	10	2	5996	0	0	0	0	2	0.17	0.98	1	0.23	-2.46	0
W	2	6	6	5906	2	0.41	2.7	22900	2	0.17	2.74	2	0.21	-2.61	22868
W	2	28	4	5906	0	0	0	0	0	0	0	2	0.51	-2.74	0
W	2	9	6	5906	0	0	0	0	1	0.15	1.87	1	0.11	-2.22	0
W	1	23	4	5906	0	0	0	0	1	0.15	2.3	2	0.42	-2.77	0
W	5	9	7	5906	1	0.27	14.4	5730	1	0.15	3.6	2	0.18	-1.28	5730
W	4	40	9	5906	0	0	0	0	0	0	0	1	0.12	-2.11	0
W	2	20	9	5906	0	0	0	0	0	0	0	0	0	0	0
W	4	27	4	5906	0	0	0	0	0	0	0	1	0.1	-1.23	0
W	6	19	12	5906	0	0	0	0	2	0.23	0.8	1	0.05	-1.23	0
W	0	20	5	5906	0	0	0	0	1	0.08	1.22	2	0.23	-0.34	0
W	1	23	9	5906	1	0.11	8.2	11452	1	0.15	0.68	1	0.15	-0.61	11452
W	3	34	12	5906	1	0.2	8.2	11452	2	0.3	0.71	0	0	0	11452
W	2	65	11	5906	1	0.08	5.6	17189	1	0.15	0.91	2	0.21	-1.14	17189
W	2	48	11	5965	1	0.24	5.6	17189	1	0.15	1.07	2	0.3	-1.56	17189
W	5	60	13	5965	0	0	0	0	1	0.15	1.49	1	0.1	-1.81	0
W	2	49	17	5965	0	0	0	0	1	0.15	1.13	2	0.2	-0.96	0
W	3	60	11	5965	0	0	0	0	1	0.15	0.86	1	0.1	-1	0
W	3	88	18	5965	0	0	0	0	1	0.15	0.62	1	0.15	-1.59	0
W	5	42	10	5965	0	0	0	0	1	0.11	1.8	0	0	0	0
W	1	74	11	5965	1	0.23	21.2	5730	2	0.27	1.61	2	0.36	-1.8	5730
W	4	75	34	5965	1	0.17	21.2	5730	2	0.28	2.5	2	0.58	-3.64	5730
W	2	33	20	6184	0	0	0	0	2	0.23	1.25	1	0.03	-2.87	0
W	5	36	17	6184	1	0.18	9.7	5730	1	0.08	1.04	2	0.19	-0.69	5730
W	3	19	12	6184	0	0	0	0	3	0.23	1.15	2	0.32	-2.49	0
W	3	34	17	6184	1	0.04	17.6	11456	2	0.15	1.43	1	0.25	-3.36	11456
W	3	39	9	6184	1	0.62	17.6	11456	1	0.08	1.16	2	0.15	-1.19	11456
W	4	29	13	6184	1	0.32	8.3	11452	3	0.23	1.4	2	0.34	-1.83	11452
W	5	11	13	6184	0	0	0	0	1	0.08	1.87	1	0.23	-2.89	0
W	2	22	4	6184	1	0.81	21.3	11456	2	0.15	0.99	1	0.08	-1.03	11456
W	4	39	11	6184	0	0	0	0	2	0.15	2.4	2	0.34	-2	0
W	6	53	8	6184	0	0	0	0	2	0.15	1.53	2	0.22	-3.31	0
W	15	43	31	6184	0	0	0	0	2	0.15	0.94	1	0.38	-6.3	0
W	11	29	20	6164	0	0	0	0	0	0	0	2	0.1	-0.76	0
W	7	24	24	6164	0	0	0	0	3	0.28	1.05	1	0.12	-1.28	0
W	4	58	26	6164	0	0	0	0	2	0.13	1.69	1	0.25	-3.31	0
W	1	34	7	6292	0	0	0	0	1	0.08	0.65	1	0.15	-1.25	0
W	1	17	17	6292	0	0	0	0	2	0.19	0.51	1	0.08	-0.42	0

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
W	4	14	18	6292	1	0.43	11.4	11459	1	0.11	2.6	2	0.42	-1.9	11459
W	14	21	17	6292	0	0	0	0	2	0.12	3.2	1	0.19	-5.21	0
W	3	27	16	6292	0	0	0	0	1	0.11	1.4	1	0.15	-1.01	0
W	2	30	11	6292	0	0	0	0	1	0.15	1.84	0	0	0	0
W	0	25	12	6292	1	0.28	11	17189	1	0.11	1.62	3	0.35	-1.56	17189
W	1	20	8	6292	1	0.35	11	17189	2	0.23	1.59	2	0.26	-1.37	17189
W	7	34	26	6292	0	0	0	0	2	0.27	2.7	2	0.45	-3	0
W	8	16	13	6313	0	0	0	0	2	0.23	1.34	3	0.4	-1.42	0
W	4	31	14	6313	0	0	0	0	1	0.11	1.9	1	0.06	-1.61	0
W	3	26	12	6313	0	0	0	0	1	0.15	1.05	2	0.18	-0.31	0
W	1	51	21	6313	0	0	0	0	1	0.08	0.33	2	0.27	-0.42	0
W	3	74	23	6313	0	0	0	0	2	0.18	1.4	1	0.21	-1.99	0
W	0	68	17	6323	0	0	0	0	1	0.01	0.66	1	0.15	-0.07	0
W	2	63	15	6323	1	0.01	6	11459	2	0.23	1.95	1	0.15	-0.91	11459
W	2	49	27	6323	2	0.44	6	11459	1	0.15	2.33	2	0.34	-2.6	11459
W	5	30	7	6333	1	0.64	37.4	9549	1	0.15	3.7	1	0.19	-3.45	9549
W	6	47	35	6333	1	0.54	37.4	9549	2	0.31	2.3	1	0.36	-4.08	9549
W	4	49	28	5928	0	0	0	0	1	0.11	2.49	1	0.3	-1.73	0
W	2	78	26	5928	1	0.66	16.9	11855	1	0.15	2.81	1	0.23	-2.63	11855
W	8	96	53	5928	0	0	0	0	1	0.15	1.04	1	0.15	-2.85	0
W	2	100	34	6521	0	0	0	0	1	0.23	2.9	0	0	0	0
W	12	51	45	6521	3	0.35	25.7	2791	3	0.3	0.68	2	0.34	-1.84	1007
W	2	19	17	6516	1	0.18	15.4	5730	1	0.19	2.47	3	0.3	-0.79	5730
W	2	25	16	6516	1	0.19	38.8	5404	0	0	0	2	0.25	-2.33	5404
W	2	44	65	6516	1	0.5	38.8	5404	3	0.36	2.26	0	0	0	5404
W	6	43	225	7052	1	0.31	49.9	1890	3	0.23	2.09	1	0.29	-5.49	1890
W	1	77	49	7475	1	0.19	10.2	11454	1	0.05	0.73	0	0	0	11454
W	2	49	35	7475	1	0.19	10.2	11454	1	0.06	2.53	0	0	0	11454
W	3	87	45	7475	0	0	0	0	2	0.14	4.1	2	0.73	-2.93	0
W	12	86	49	7475	2	0.23	39.6	1564	2	0.33	3.05	1	0.47	-3.78	1563
W	3	49	21	6084	2	0.53	26.7	6511	2	0.25	1.67	2	0.3	-0.78	1563
W	3	71	61	6084	2	0.38	19.9	7338	2	0.14	0.64	1	0.23	-1.93	3216
W	5	117	32	6006	1	0.55	29.3	5730	2	0.28	1.35	1	0.23	-1.86	5730
W	4	103	34	6006	0	0	0	0	1	0.02	1.89	1	0.27	-1.77	0
W	2	146	39	6006	0	0	0	0	2	0.23	1.54	1	0.15	-1	0
W	2	180	53	6006	0	0	0	0	1	0.08	0.77	1	0.01	-0.71	0
W	2	142	46	6006	0	0	0	0	1	0.07	1.31	1	0.07	-0.71	0
W	2	211	63	6006	0	0	0	0	2	0.06	1.59	1	0.57	-3.91	0
W	5	137	168	6006	1	0.24	6.5	11450	3	0.51	1.36	1	0.3	-1.74	11450
W	2	195	50	5965	1	0.04	16.8	11456	2	0.3	1.67	1	0.27	-2.76	11456
W	3	304	51	5965	1	0.6	16.8	11456	1	0.15	0.85	0	0	0	11456
W	5	118	23	5965	0	0	0	0	1	0.11	1.79	1	0.3	-1.02	0
W	1	141	33	5965	0	0	0	0	0	0	0	2	0.35	-2.39	0
W	7	134	38	5965	0	0	0	0	1	0.34	5.54	3	0.19	-1.53	0
W	1	154	32	5965	0	0	0	0	2	0.05	0.34	7	0.57	-0.59	0
W	2	83	130	5965	1	0.11	5.6	5730	3	0.25	0.35	4	0.11	-0.44	5730
W	3	303	48	5092	0	0	0	0	2	0.38	3.02	6	0.26	-0.85	0
W	1	84	34	5092	0	0	0	0	2	0.17	0.97	2	0.21	-0.72	0
W	2	68	50	5092	1	0.19	17.4	3273	2	0.08	0.7	10	0.58	-0.36	3273
W	3	110	41	5082	1	0.21	11.1	5730	3	0.23	0.57	3	0.02	-0.12	5730
W	2	47	30	5082	0	0	0	0	1	0.12	2.27	1	0.15	-0.48	0
W	6	54	30	5082	1	0.08	11.8	5730	1	0.18	2.27	1	0.06	-1.97	5730
W	2	98	39	5082	1	0.14	11.8	5730	1	0.31	2.39	1	0.07	-1.97	5730
W	3	92	30	5082	0	0	0	0	3	0.16	0.46	1	0.05	-0.45	0

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
W	3	80	29	5082	1	0.33	17.4	5733	0	0	0	1	0.45	-6.87	5733
W	2	37	15	5082	1	0.07	35.9	5730	1	0.32	3.8	2	0.32	-5.19	5730
W	6	18	34	5082	1	0.61	35.9	5730	1	0.01	4.09	1	0.33	-3.51	5730
W	6	21	32	5082	1	0.56	29.5	5730	2	0.37	4.3	1	0.34	-3.73	5730
W	2	45	17	5082	0	0	0	0	1	0.04	4.51	1	0.07	-4.52	0
W	5	46	31	5082	1	0.1	5.5	5730	1	0.23	3.28	2	0.4	-2.57	5730
W	5	35	36	5082	1	0.14	7.1	5730	1	0.3	2.36	1	0.1	-0.62	5730
W	5	43	23	5082	2	0.63	45.2	3801	0	0	0	1	0.19	-2.97	1873
W	3	33	20	5082	2	0.23	50	3228	1	0.14	2.45	0	0	0	1873
W	8	38	33	5082	2	0.89	36	4584	1	0.24	2.45	3	0.62	-1.35	4584
W	12	44	56	5082	1	0.17	40.3	4584	1	0.02	2.28	1	0.39	-2.4	4584
W	9	86	64	5082	1	1.07	15	22918	1	0.16	2.28	1	0.19	-1.02	22918
W	5	71	33	5161	0	0	0	0	1	0.15	0.54	1	0.15	-0.21	0
W	9	31	27	5161	2	0.63	26.9	13751	1	0.15	1.27	2	0.26	-1.24	4584
W	0	36	24	5161	2	0.36	30.7	4583	1	0.15	0.62	1	0.08	-0.36	4583
W	2	44	14	5161	1	0.48	41	4584	2	0.38	1.42	0	0	0	4584
W	9	58	32	5161	2	0.56	23.3	13746	1	0.15	1.57	0	0	0	4584
W	19	68	38	5161	2	0.76	32.2	5157	0	0	0	1	0.13	-7.13	4584
W	9	34	23	5161	1	0.29	46.3	4584	1	0.35	2.48	1	0.32	-7.13	4584
W	21	69	37	5161	0	0	0	0	3	0.4	2.53	0	0	0	0
W	20	77	34	5161	0	0	0	0	0	0	0	1	0.49	-5.26	0
W	6	33	21	5161	1	0.38	20.1	5730	1	0.22	7.4	2	0.3	-0.96	5730
W	2	51	14	5161	1	0.42	27.6	4583	1	0.08	7.4	1	0.15	-6.26	4583
W	3	37	51	5161	1	0.48	25.8	5730	2	0.3	2.4	1	0.53	-6.26	5730
W	3	29	18	6171	1	0	25.8	5730	1	0.05	1.55	2	0.45	-2.1	5730
W	5	45	19	6171	1	0.75	43.8	5209	2	0.14	3.09	1	0.19	-2.02	5209
W	8	87	29	6171	0	0	0	0	2	0.34	2.62	1	0.01	-7.02	0
W	6	32	20	6171	1	0.48	58.6	2473	1	0.06	5.55	2	0.68	-4.77	2473
W	11	26	44	6171	1	0.23	31.8	2144	2	0.25	4.52	1	0.15	-0.33	2144
W	11	55	20	5191	1	0.23	6	11450	0	0	0	1	0.38	-3.6	11450
W	10	32	31	5191	0	0	0	0	2	0.2	1.58	1	0.15	-0.23	0
W	9	113	27	5191	0	0	0	0	1	0.11	2.36	1	0.27	-2.76	0
W	7	23	16	5191	1	0.52	27.5	5730	1	0.07	2.83	1	0.15	-1.32	5730
W	3	40	13	5191	1	0.29	25.2	5730	1	0.08	2.83	1	0.28	-2.66	5730
W	6	34	16	5191	2	0.25	21.1	5730	2	0.3	2.37	0	0	0	5730
W	25	77	40	5191	1	0.26	16.9	5730	1	0.08	0.11	1	0.15	-1.14	5730
W	6	22	12	5191	0	0	0	0	1	0.07	0.11	2	0.55	-2.69	0
W	8	9	19	5191	1	0.56	51.6	3820	1	0.19	5.22	1	0.05	-0.57	3820
W	7	31	18	5191	1	0.09	51.6	3820	1	0.15	0.55	0	0	0	3820
W	4	38	17	5191	1	0.5	30.4	4982	0	0	0	1	0.42	-4.17	4982
W	8	18	11	5191	0	0	0	0	1	0.11	1.57	2	0.19	-2.87	0
W	3	22	15	5191	0	0	0	0	2	0.31	1.69	1	0.33	-1.58	0
W	3	26	11	5191	0	0	0	0	1	0.03	1.97	1	0.32	-4.84	0
W	16	22	10	5191	1	0.28	18.2	4582	1	0.15	2.01	2	0.21	-3.27	4582
W	18	16	19	5191	0	0	0	0	2	0.3	1.76	1	0.19	-1.06	0
W	7	11	11	5191	1	0.47	37.3	3819	0	0	0	1	0.11	-0.13	3819
W	3	28	18	5191	0	0	0	0	2	0.23	1.69	1	0.27	-2.95	0
W	4	17	6	5191	0	0	0	0	1	0.11	0.96	2	0.23	-0.6	0
W	2	19	10	5191	1	0.02	17.6	5730	2	0.19	0.71	1	0.15	-1.12	5730
W	5	19	8	5191	1	0.31	17.6	5730	1	0.11	0.97	1	0.11	-0.77	5730
W	1	29	12	5191	0	0	0	0	0	0	0	1	0.11	-0.13	0
W	8	35	16	5191	0	0	0	0	1	0.16	1.32	1	0.11	-1.26	0
W	10	44	17	5191	1	0.55	28.8	5730	2	0.22	0.95	1	0.19	-0.44	5730
W	1	89	21	5191	0	0	0	0	2	0.26	2.54	1	0.38	-4.71	0

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
W	2	49	29	9158	1	0.45	23.9	5730	2	0.15	1.36	1	0.15	-0.75	5730
W	2	41	9	9158	0	0	0	0	1	0.11	0.16	2	0.12	-0.41	0
W	10	29	14	9158	1	0.08	14.2	5730	2	0.14	1.2	2	0.3	-0.96	5730
W	2	43	17	9158	1	0.19	14.2	5730	1	0.09	0.12	1	0.11	-0.02	5730
W	1	30	11	9158	1	0.17	8.8	5730	1	0.11	1.25	1	0.12	-1.28	5730
W	0	19	7	9158	0	0	0	0	1	0.11	1.1	2	0.18	-1.44	0
W	3	40	12	9158	1	0.13	29.3	2083	1	0.15	3.89	1	0.52	-5.64	2083
W	3	14	19	9158	2	0.17	23.8	1850	1	0.11	1.58	2	0.15	-2.85	1617
W	0	17	6	9158	0	0	0	0	2	0.16	1.1	2	0.35	-1.12	0
W	9	12	9	9158	0	0	0	0	1	0.11	1.03	1	0.11	-0.46	0
W	3	18	10	9158	1	0.34	31.2	3268	0	0	0	1	0.15	-0.46	3268
W	4	11	16	9158	1	0.32	55.2	1772	2	0.23	0.57	0	0	0	1772
W	3	17	60	9158	0	0	0	0	2	0.18	1.16	0	0	0	0
W	9	31	72	6134	0	0	0	0	2	0.19	2.91	2	0.77	-3.89	0
W	1	46	50	8821	1	0.34	66.6	1548	3	0.26	1.21	2	0.3	-3.22	1548
W	5	22	82	8821	0	0	0	0	1	0.1	1.83	1	0.28	-3.08	0
W	0	74	57	7032	1	0.74	19.6	11456	1	0.08	0.71	0	0	0	11456
W	2	71	47	7032	0	0	0	0	1	0.08	0.65	0	0	0	0
W	5	43	56	7032	1	0.26	54.3	1467	0	0	0	1	0.04	-0.32	1467
W	1	36	22	6829	1	0.27	25.3	3818	1	0.11	1.43	1	0.15	-0.36	3818
W	0	33	50	6829	2	0.3	26	3341	1	0.11	1.09	1	0.15	-1.05	2865
W	5	263	82	6829	2	0.36	36.1	2201	1	0.19	2.3	1	0.08	-0.03	1128
W	9	306	115	6829	3	0.25	34.1	641	0	0	0	1	0.08	-0.58	129
W	5	1260	213	6829	2	0.35	22.4	2711	1	0.11	0.52	1	0.15	-1.38	2486
W	7	1424	193	6829	2	0.18	21.2	4108	1	0.11	0.54	3	0.37	-1.69	2486
W	11	42	38	6829	3	0.49	27.6	2857	1	0.19	3.35	2	0.53	-2.96	1397
W	4	22	10	6821	1	0.16	24.7	1936	1	0.08	0.43	1	0.08	-0.75	1936
W	3	19	13	6821	2	0.35	24.8	3079	0	0	0	1	0.2	-3.23	1574
W	9	58	30	6821	1	0.28	25.7	4584	1	0.15	2.79	2	0.3	-2.89	4584
W	11	74	54	6821	2	0.48	22.4	5157	2	0.36	2.5	2	0.19	-1.64	4584
W	27	66	38	6821	1	0.24	27	11457	3	0.2	1.98	2	0.38	-2.82	11457
W	15	72	36	6821	1	0.79	27	11457	0	0	0	2	0.32	-1.06	11457
W	4	22	9	6686	1	0.26	13.5	5730	2	0.23	1.56	1	0.19	-1.69	5730
W	10	38	18	6686	1	0.51	41.6	5730	0	0	0	1	0.08	-1.16	5730
W	17	9	32	6686	2	0.33	37.4	5730	2	0.15	1.89	2	0.19	-1.07	5730
W	9	20	11	6686	2	0.7	20.3	8591	0	0	0	1	0.11	-0.88	5730
W	2	18	9	6686	2	0.24	5.8	8591	1	0.08	0.74	0	0	0	5730
W	8	61	23	6686	1	0.49	24.8	7639	0	0	0	1	0.08	-0.69	7639
W	7	23	17	6680	2	0.2	18.8	6653	2	0.15	0.75	1	0.08	-0.41	5667
W	2	13	8	6680	1	0.18	12.9	5667	2	0.15	0.62	1	0.11	-1.41	5667
W	3	16	4	6680	2	0.5	10.5	7119	1	0.19	1.71	0	0	0	5646
W	4	11	7	6680	4	0.67	8.1	10946	1	0.02	2.77	2	0.23	-1.86	5266
W	5	15	15	6741	3	0.49	16	7651	2	0.24	2.71	1	0.3	-2.85	3795
W	3	7	9	6741	3	0.34	14.8	2810	2	0.19	2.74	2	0.31	-3.31	1146
W	4	7	11	6741	9	0.58	3.7	7186	1	0.27	5.21	1	0.25	-3.75	2609
W	7	13	10	6699	4	0.75	15.9	4670	0	0	0	1	0.19	-3.72	1753
W	0	1	3	6699	4	0.74	11.1	8906	1	0.06	1.24	1	0.04	-0.76	3482
W	2	6	21	6699	8	1.25	15.4	5730	2	0.17	1.58	1	0.08	-1.47	1488
W	1	3	8	6600	8	0.97	15.6	3388	2	0.13	0.79	1	0.15	-3.07	1488
W	2	3	3	6600	3	0.33	5.5	6145	1	0.11	2.03	2	0.11	-0.39	3488
W	4	10	6	6600	9	0.45	4.5	4378	0	0	0	1	0.08	-1.07	1726
W	1	3	4	6468	2	0.45	11.8	5730	1	0.08	0.81	0	0	0	5730
W	3	4	4	6468	1	0.5	32.9	5730	1	0.15	1.74	2	0.23	-1.11	5730
W	1	17	4	6468	1	0.12	32.9	5730	1	0.08	0.71	1	0.15	-1.08	5730

Dir	Truck Crashes	Speed Citations	Non speed Citations	AADT	No Of Hori	Sum of length	Average DELTA	Average RADIUS	Count sag	Sum of length sag	Average of A sag	Count crest	Sum of length crest	Average of A	Min radios
W	3	7	11	6468	1	0.21	11.3	5730	1	0.08	1.29	1	0.07	-2	5730
W	2	4	2	6468	1	0.16	4.2	11445	2	0.11	0.78	1	0.08	-2	11445
W	4	11	11	6468	1	0.11	2.9	11440	1	0.11	2.09	1	0.15	-1.45	11440
W	4	13	4	6468	1	0.17	4.6	11459	0	0	0	1	0.15	-1.42	11459
W	3	2	11	6468	1	0.23	12.1	5730	2	0.06	0.61	0	0	0	5730
W	2	122	35	6468	0	0	0	0	1	0.06	0.8	2	0.3	-1.26	0
W	4	14	15	13806	1	0.22	23.2	2865	3	0.34	1.74	2	0.08	-2.39	2865
W	9	18	32	13806	1	0.2	45	1375	1	0.15	3.11	2	0.33	-3.8	1375
W	6	21	22	9070	2	0.35	13.8	5730	2	0.25	2.25	2	0.33	-2.43	5730
W	3	18	14	9070	1	0.18	11	5730	0	0	0	1	0.11	-0.73	5730
W	2	23	33	9070	0	0	0	0	1	0.14	2.67	2	0.35	-1.81	0
W	5	23	30	8760	1	0.3	9.7	11465	2	0.22	1	1	0.05	-0.2	11465
W	3	12	30	8760	2	0.08	5.1	8212	1	0.04	1.05	2	0.31	-0.52	4958
W	0	21	19	6060	1	0.67	23.9	11457	0	0	0	2	0.24	-1.45	11457
W	0	24	13	6060	1	0.24	23.9	11457	2	0.27	2.04	0	0	0	11457
W	3	47	41	6060	1	0.23	9.2	7639	2	0.33	2	1	0.08	-0.98	7639
W	1	35	19	5108	0	0	0	0	1	0.01	2.26	1	0.28	-3.31	0
W	0	31	20	5108	1	0.79	16.9	18099	0	0	0	1	0.15	-0.66	18099
W	2	35	48	5108	2	0.41	16.9	18099	1	0.23	1	2	0.27	-0.58	18099
W	3	16	1042	4851	1	0.83	16.9	18099	1	0.19	0.29	0	0	0	18099
W	0	16	16	4851	0	0	0	0	1	0.13	0.85	1	0.15	-0.84	0
W	2	16	7	4851	0	0	0	0	1	0.08	0.4	1	0.08	-0.47	0
W	3	19	6	4851	0	0	0	0	1	0.05	2.48	1	0.19	-1.34	0
W	2	54	14	4851	0	0	0	0	2	0.29	2.06	1	0.26	-2.53	0
W	2	19	21	4851	0	0	0	0	2	0.15	1.09	1	0.11	-1.42	0
W	5	35	57	4851	0	0	0	0	2	0.15	1.2	1	0.28	-3.28	0
W	1	20	10	4629	0	0	0	0	1	0.08	2.13	1	0.19	-2.01	0
W	0	19	8	4629	0	0	0	0	1	0.08	0.76	1	0.08	-1.04	0
W	1	24	17	4629	0	0	0	0	2	0.15	1.57	1	0.28	-2.82	0
W	1	11	11	4629	0	0	0	0	1	0.08	0.98	1	0.13	-1.32	0
W	0	20	14	4629	0	0	0	0	1	0.01	1.22	1	0.08	-0.28	0
W	2	17	19	4629	0	0	0	0	3	0.22	1.55	2	0.37	-2.62	0
W	0	20	10	4629	0	0	0	0	1	0.08	1.17	2	0.22	-1.24	0
W	1	11	11	4629	0	0	0	0	1	0.08	2.22	1	0.08	-0.65	0
W	2	15	20	4629	1	0.29	7.6	11452	0	0	0	1	0.13	-2.57	11452
W	2	15	9	4506	1	0.31	8.1	11452	1	0.08	2.38	1	0.09	-2.57	11452
W	2	11	2	4506	0	0	0	0	1	0.08	2.58	2	0.23	-1.68	0
W	2	11	4	4506	0	0	0	0	0	0	0	0	0	0	0
W	2	6	6	4506	0	0	0	0	0	0	0	1	0.13	-1.37	0
W	5	10	10	4506	0	0	0	0	1	0.08	2.55	2	0.25	-1.33	0
W	0	13	5	4409	1	0.59	18.6	11456	0	0	0	0	0	0	11456
W	1	5	6	4409	1	0.12	18.6	11456	0	0	0	0	0	0	11456
W	1	16	1	4409	0	0	0	0	0	0	0	0	0	0	0
W	0	10	6	4409	0	0	0	0	0	0	0	0	0	0	0
W	0	24	7	4409	0	0	0	0	2	0.3	1.77	1	0.3	-3.51	0
W	1	10	6	4409	0	0	0	0	0	0	0	0	0	0	0
W	0	9	4	4409	1	0.65	54	3619	0	0	0	0	0	0	3619
W	1	11	4	4409	0	0	0	0	0	0	0	0	0	0	0
W	0	53	6	4409	1	0.36	18.8	5730	2	0.3	2.03	1	0.28	-3.33	5730
W	3	7	11	4409	2	0.72	61.1	1776	3	0.38	2.28	2	0.64	-3.56	1775

Appendix 7.5. Modeling Datasets for Mileage Modeling of Zone 2

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i90	0.38	4584	55.3	0	0.00	0.00	2	0.85	-1.58	3	15	18	506	3	1
i90	0.58	8016	30.3	1	0.38	4.59	0	0.00	0.00	1	304	507	506	203	2
i90	0.60	8589	16.5	0	0.00	0.00	1	0.38	-2.61	0	148	216	288	68	2
i90	0.57	3819	44.8	1	0.27	1.72	1	0.42	-2.01	0	77	103	506	26	1
i90	0.56	8026	13.6	1	0.11	0.80	2	0.04	-1.71	1	43	52	506	9	2
i90	0.48	5730	17.8	1	0.37	2.85	1	0.37	-1.41	0	77	84	506	7	2
i90	0.41	5730	15.5	1	0.07	2.85	1	0.19	-1.57	0	117	129	506	12	2
i90	0.26	11451	6.9	0	0.00	0.00	1	0.19	-0.34	0	65	71	506	6	1
i90	0.81	3440	49.6	1	0.23	3.03	1	0.31	-3.39	2	23	24	506	1	2
i90	0.74	6112	39.4	0	0.00	0.00	2	0.30	-2.94	1	57	73	506	16	2
i90	0.48	9550	14.1	1	0.59	6.75	0	0.00	0.00	4	72	76	537	4	2
i90	0.00	0	0.0	1	0.14	4.40	1	0.34	-6.51	1	51	57	537	6	0
i90	0.58	4776	25.5	2	0.28	2.51	2	0.50	-1.17	0	41	50	537	9	2
i90	0.35	6682	14.4	1	0.19	2.26	2	0.64	-2.41	0	81	90	537	9	2
i90	0.50	6685	11.2	2	0.25	3.14	2	0.46	-3.04	2	105	120	537	15	2
i90	0.83	4774	26.1	2	0.38	2.63	3	0.36	-2.82	0	91	106	590	15	2
i90	0.00	0	0.0	2	0.20	2.33	1	0.36	-6.78	1	121	920	590	799	0
i90	0.71	11456	20.2	1	0.08	1.72	1	0.27	-1.05	0	82	98	600	16	1
i90	0.34	8593	32.5	0	0.00	0.00	2	0.15	-0.37	1	65	78	600	13	2
i90	0.57	5730	44.7	1	0.08	0.25	1	0.08	-0.49	0	81	94	600	13	1
i90	0.00	0	0.0	2	0.16	1.81	1	0.08	-0.74	0	95	114	600	19	0
i90	0.31	3819	41.6	2	0.13	0.83	2	0.27	-1.48	2	24	35	600	11	1
i90	0.36	4774	26.5	0	0.00	0.00	0	0.00	0.00	2	61	74	600	13	2
i90	0.08	5730	11.5	0	0.00	0.00	0	0.00	0.00	4	76	95	600	19	1
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	73	86	770	13	0
i90	0.01	5737	32.6	3	0.19	1.56	2	0.42	-0.82	1	27	53	770	26	1
i90	0.61	5737	32.6	1	0.19	2.08	1	0.21	-1.81	0	26	38	692	12	1
i90	0.33	5658	35.1	1	0.09	1.85	1	0.02	-1.81	0	46	53	692	7	1
i90	0.77	6648	30.1	1	0.10	1.85	0	0.00	0.00	1	17	22	692	5	2
i90	0.33	5729	22.8	0	0.00	0.00	0	0.00	0.00	1	12	14	692	2	2
i90	0.55	2854	43.1	0	0.00	0.00	1	0.45	-4.12	1	26	35	692	9	3
i90	0.77	2716	54.7	1	0.04	2.02	1	0.19	-1.65	0	7	13	692	6	2
i90	0.34	4073	32.4	2	0.27	2.98	1	0.15	-1.02	0	102	113	692	11	2
i90	0.04	5730	14.6	1	0.14	3.95	1	0.30	-1.47	0	24	36	692	12	1
i90	0.61	5730	17.1	1	0.15	2.29	1	0.06	-5.29	0	34	49	573	15	2
i90	0.20	5730	10.5	1	0.06	6.66	2	0.47	-3.14	0	11	17	573	6	1
i90	0.20	22876	2.7	1	0.21	6.66	2	0.43	-2.85	0	26	29	573	3	1
i90	0.65	4365	42.0	1	0.23	5.30	3	0.21	-1.94	0	29	39	573	10	1
i90	0.53	7500	30.9	1	0.08	0.97	1	0.24	-2.00	3	19	25	573	6	2
i90	0.56	7750	16.1	0	0.00	0.00	2	0.56	-3.05	0	26	29	573	3	2
i90	0.53	4222	22.4	1	0.30	5.70	0	0.00	0.00	0	28	35	573	7	3
i90	0.54	5156	23.5	1	0.19	3.44	1	0.27	-2.45	1	38	44	573	6	2
i90	0.47	5730	19.1	0	0.00	0.00	1	0.61	-6.67	1	64	75	555	11	2
i90	0.32	5722	8.7	1	0.05	10.01	1	0.19	-2.19	0	290	322	555	32	2
i90	0.48	5723	15.2	1	0.41	10.01	1	0.21	-9.47	1	147	175	555	28	2
i90	0.28	5730	14.9	1	0.23	5.98	1	0.55	-9.47	0	43	56	546	13	1
i90	0.00	0	0.0	2	0.13	1.51	1	0.38	-2.01	0	98	113	546	15	0
i90	0.22	2134	31.4	2	0.22	1.95	1	0.30	-3.52	0	66	82	546	16	0
i90	0.14	5730	7.5	2	0.14	2.00	1	0.24	-4.54	1	52	62	580	10	0
i90	0.01	5730	7.5	2	0.23	1.41	2	0.18	-4.41	0	30	38	580	8	0
i90	0.00	0	0.0	1	0.23	6.01	2	0.51	-3.48	0	55	62	580	7	0
i90	0.31	5730	20.7	1	0.11	1.24	3	0.54	-2.30	1	102	121	580	19	1

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i90	0.26	5727	15.0	1	0.15	2.37	2	0.34	-2.90	0	134	147	587	13	2
i90	0.00	0	0.0	1	0.15	3.36	1	0.20	-2.46	0	386	430	587	44	0
i90	0.00	0	0.0	1	0.08	2.70	1	0.30	-3.61	0	105	135	485	30	0
i90	0.40	5727	21.3	1	0.45	2.03	1	0.08	-0.13	0	36	61	485	25	1
i90	0.39	2387	25.9	0	0.00	0.00	2	0.42	-2.59	0	13	31	485	18	2
i90	0.39	4297	16.7	2	0.19	1.42	2	0.11	-3.07	0	6	14	131	8	2
i90	0.43	4776	23.5	2	0.23	2.74	1	0.05	-2.27	0	4	12	131	8	2
i90	0.03	3822	27.8	0	0.00	0.00	0	0.00	0.00	1	2	3	286	1	1
i90	0.00	0	0.0	0	0.00	0.00	2	0.23	-2.24	0	2	3	286	1	0
i90	0.34	5733	18.0	1	0.11	2.62	1	0.08	-1.59	0	3	5	286	2	1
i90	0.00	0	0.0	1	0.11	1.80	1	0.23	-3.21	0	33	38	286	5	0
i90	0.23	5734	12.0	1	0.15	3.15	1	0.11	-1.21	1	35	45	286	10	1
i90	0.46	4583	30.6	1	0.15	2.38	1	0.34	-4.22	0	15	15	286	0	1
i90	0.00	0	0.0	1	0.08	0.88	1	0.08	-0.40	0	21	23	286	2	1
i90	0.32	5730	17.1	1	0.08	1.22	1	0.08	-0.65	0	13	17	274	4	1
i90	0.00	0	0.0	1	0.08	1.24	1	0.11	-0.74	0	16	20	274	4	0
i90	0.92	11457	25.2	1	0.02	1.81	2	0.34	-2.05	0	9	11	274	2	1
i90	0.23	8593	29.2	1	0.05	1.81	0	0.00	0.00	0	7	7	274	0	2
i90	0.44	5730	33.1	2	0.15	1.28	1	0.27	-4.11	1	7	13	274	6	1
i90	0.55	4583	38.9	1	0.11	2.51	2	0.11	-2.42	0	6	6	274	0	1
i90	0.36	4201	31.9	0	0.00	0.00	1	0.08	-0.69	0	5	6	274	1	2
i90	0.22	3820	40.8	2	0.25	2.77	1	0.08	-0.66	1	5	5	274	0	1
i90	0.77	3820	40.8	1	0.08	1.14	1	0.08	-1.15	0	1	5	271	4	2
i90	0.37	4775	33.3	1	0.19	3.86	2	0.36	-3.55	0	4	4	271	0	2
i90	0.16	5730	25.7	1	0.08	0.54	1	0.28	-2.83	0	4	6	271	2	1
i90	0.78	5730	49.5	2	0.15	1.20	0	0.00	0.00	0	3	3	271	0	1
i90	0.16	5730	49.5	2	0.23	3.05	2	0.41	-5.22	0	4	4	284	0	1
i90	1.07	5730	60.3	1	0.11	1.35	1	0.27	-4.67	0	3	3	284	0	1
i90	0.00	0	0.0	0	0.00	0.00	1	0.08	-0.16	0	3	4	284	1	0
i90	1.14	5730	67.5	2	0.13	1.78	1	0.23	-3.66	0	3	5	284	2	2
i90	0.00	0	0.0	1	0.06	1.10	1	0.08	-0.84	0	5	6	284	1	0
i90	0.52	8591	41.2	1	0.08	1.70	1	0.08	-0.59	0	6	6	302	0	2
i90	0.12	11452	7.8	5	0.45	1.64	3	0.23	-1.23	1	10	12	302	2	1
i90	0.38	3829	31.5	5	0.25	1.26	7	0.98	-2.48	0	8	9	302	1	2
i90	0.41	4299	38.4	6	0.34	0.81	4	0.34	-2.13	1	1	6	302	5	2
i90	0.62	7158	28.4	6	0.35	1.08	6	0.51	-1.17	0	7	8	302	1	1
i90	0.62	3179	58.9	2	0.11	0.35	1	0.15	-0.86	0	2	8	302	6	1
i90	0.65	3820	57.5	2	0.15	1.99	1	0.11	-4.11	0	0	0	320	0	1
i90	0.51	3820	45.8	1	0.11	3.30	1	0.16	-4.11	0	3	5	320	2	2
i90	0.00	0	0.0	1	0.08	0.56	1	0.08	-0.40	0	5	6	320	1	0
i90	0.52	5730	27.7	1	0.08	0.90	1	0.11	-1.52	0	0	0	329	0	1
i90	0.48	5730	29.0	1	0.08	1.08	2	0.15	-0.61	0	1	1	329	0	1
i90	0.07	5730	29.0	1	0.08	0.50	0	0.00	0.00	0	1	2	329	1	1
i90	0.50	3820	39.8	1	0.08	1.40	1	0.11	-1.40	0	0	2	329	2	1
i90	0.00	0	0.0	0	0.00	0.00	1	0.11	-1.71	0	3	3	329	0	0
i90	0.04	11459	6.2	2	0.18	1.74	1	0.08	-0.67	0	9	9	329	0	1
i90	0.19	11459	6.2	2	0.02	1.38	1	0.19	-2.36	0	14	18	329	4	1
i90	0.52	5730	29.2	1	0.07	2.10	1	0.19	-2.10	0	18	22	329	4	1
i90	0.03	5730	29.2	1	0.08	1.93	1	0.08	-0.86	1	13	15	329	2	1
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	12	14	329	2	2
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	1	18	21	329	3	2
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	12	12	344	0	1
i90	0.48	7637	22.3	1	0.11	1.90	0	0.00	0.00	0	23	26	344	3	2
i90	0.76	11457	13.6	1	0.08	1.58	2	0.27	-1.81	1	28	37	344	9	2

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i90	0.53	8594	20.9	2	0.15	1.08	1	0.03	-2.08	0	12	18	344	6	2
i90	0.53	5730	23.0	0	0.00	0.00	2	0.30	-1.82	1	9	11	366	2	2
i90	0.59	2531	48.1	1	0.01	2.52	0	0.00	0.00	1	7	9	366	2	2
i90	0.48	4130	31.2	2	0.18	1.70	0	0.00	0.00	0	17	19	366	2	2
i90	0.09	5730	4.5	0	0.00	0.00	1	0.34	-5.22	0	26	33	366	7	1
i90	0.10	5730	5.5	1	0.11	2.59	1	0.07	-2.33	1	23	31	366	8	2
i90	0.39	3818	63.9	1	0.19	4.16	2	0.22	-2.68	0	16	18	366	2	2
i90	0.42	3818	63.9	1	0.11	2.98	1	0.05	-3.02	0	7	8	366	1	1
i90	0.00	0	0.0	1	0.08	1.34	1	0.11	-1.93	0	4	5	407	1	0
i90	0.47	5734	24.6	1	0.08	1.77	2	0.34	-3.40	0	8	10	407	2	1
i90	0.00	5726	14.1	1	0.15	3.95	1	0.03	-3.87	0	17	23	407	6	0
i90	0.37	5728	19.4	1	0.08	2.12	1	0.23	-3.87	1	43	45	320	2	2
i90	0.37	5730	24.8	1	0.08	0.97	1	0.19	-2.95	3	43	57	320	14	1
i90	0.11	5730	6.0	1	0.15	4.23	1	0.19	-2.73	0	53	62	320	9	1
i90	0.29	5730	15.6	0	0.00	0.00	1	0.11	-1.16	0	59	68	320	9	1
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	35	48	320	13	0
i90	0.00	0	0.0	1	0.08	1.03	0	0.00	0.00	0	40	56	320	16	0
i90	0.10	6278	4.6	1	0.15	1.92	1	0.08	-0.45	0	38	52	320	14	1
i90	0.61	5686	32.6	1	0.19	4.16	2	0.41	-3.97	0	30	53	320	23	1
i90	0.31	2327	39.7	1	0.15	2.33	2	0.39	-3.91	0	17	53	401	36	1
i90	0.00	0	0.0	2	0.26	1.97	2	0.54	-1.49	1	7	35	401	28	0
i90	0.49	2478	59.8	2	0.31	3.21	2	0.46	-4.47	0	6	21	432	15	1
i90	0.38	1835	62.7	2	0.38	1.56	1	0.33	-5.93	0	13	57	432	44	1
i90	0.24	17189	4.2	1	0.19	2.80	1	0.53	-6.67	0	14	49	469	35	1
i90	0.00	0	0.0	2	0.40	3.43	2	0.38	-1.89	0	33	44	513	11	0
i90	0.58	11459	35.3	1	0.38	3.65	1	0.49	-6.26	0	34	58	513	24	1
i90	0.88	8594	22.9	1	0.23	4.17	2	0.31	-4.50	0	34	52	513	18	2
i90	0.52	5730	19.9	1	0.34	2.40	1	0.30	-0.93	0	21	26	451	5	2
i90	0.12	5730	29.1	1	0.19	3.35	2	0.46	-1.57	0	29	40	451	11	1
i90	0.39	5730	18.6	1	0.25	5.34	2	0.50	-2.19	0	36	49	451	13	2
i90	0.32	5730	23.6	1	0.23	2.58	1	0.38	-4.07	0	26	33	451	7	1
i90	0.00	0	0.0	1	0.19	1.25	2	0.47	-1.31	0	47	63	451	16	0
i90	0.31	5730	16.6	1	0.15	1.23	1	0.55	-0.96	0	50	79	451	29	1
i90	0.34	5730	18.0	3	0.32	0.52	2	0.27	-1.18	0	21	29	451	8	1
i90	0.00	0	0.0	2	0.33	0.18	0	0.00	0.00	0	51	73	451	22	0
i90	0.00	0	0.0	1	0.23	1.01	2	0.14	-0.96	0	28	42	451	14	0
i90	0.00	0	0.0	1	0.45	1.55	1	0.16	-1.91	0	40	47	591	7	0
i90	0.18	5730	27.7	2	0.28	1.66	1	0.27	-1.21	1	32	37	591	5	1
i90	0.34	5730	27.7	1	0.22	2.12	2	0.39	-1.66	0	20	30	591	10	1
i90	0.39	4582	25.7	1	0.19	2.58	3	0.37	-0.89	0	56	73	591	17	1
i90	0.28	22918	3.7	2	0.22	2.58	2	0.46	-2.37	1	41	53	591	12	1
i90	0.00	0	0.0	2	0.08	1.41	1	0.08	-0.42	0	16	20	591	4	0
i90	0.37	4585	24.1	2	0.23	1.73	1	0.45	-5.40	0	18	25	591	7	1
i90	0.32	5730	16.9	1	0.09	1.81	2	0.23	-0.27	0	18	32	591	14	1
i90	0.09	5730	12.9	1	0.08	0.36	0	0.00	0.00	1	21	33	591	12	1
i90	0.39	5156	24.4	1	0.11	2.04	2	0.26	-2.19	0	22	31	591	9	2
i90	0.50	8015	20.5	2	0.19	1.55	1	0.23	-4.24	0	49	71	591	22	2
i90	0.36	11459	11.0	2	0.27	1.61	0	0.00	0.00	0	29	66	591	37	1
i90	0.65	6366	19.5	1	0.11	1.59	1	0.30	-2.62	0	15	20	402	5	3
i90	0.39	5730	25.0	1	0.14	4.37	1	0.34	-5.41	0	17	33	311	16	1
i90	0.44	5730	21.8	2	0.16	4.00	1	0.19	-3.04	0	19	32	311	13	2
i90	0.19	11442	3.3	1	0.19	2.48	2	0.50	-2.97	0	57	77	311	20	0
i90	0.06	11442	3.3	1	0.19	0.33	2	0.10	-0.77	0	49	71	311	22	0
i90	0.29	22904	3.9	1	0.11	2.21	1	0.15	-1.80	0	32	50	311	18	1

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i90	0.00	0	0.0	1	0.11	1.02	1	0.09	-0.72	0	42	66	311	24	0
i90	0.12	11442	3.3	1	0.15	3.86	2	0.15	-1.13	0	25	33	313	8	0
i90	0.00	0	0.0	1	0.11	1.48	3	0.33	-2.38	0	15	21	313	6	0
i90	0.00	0	0.0	2	0.22	1.13	1	0.28	-5.10	0	42	60	313	18	2
i90	0.31	11454	11.3	2	0.23	1.43	0	0.00	0.00	0	23	31	313	8	1
i90	0.15	9547	13.9	1	0.08	0.68	1	0.45	-4.28	0	32	57	313	25	2
i90	0.44	9550	10.8	2	0.15	0.80	0	0.00	0.00	0	21	30	297	9	2
i90	0.34	11459	5.0	2	0.15	0.59	0	0.00	0.00	2	24	29	297	5	2
i90	0.06	11442	3.3	1	0.15	4.49	4	0.61	-1.92	0	41	55	297	14	0
i90	0.34	11448	3.5	2	0.30	3.01	2	0.15	-0.56	0	40	64	297	24	1
i90	0.51	2595	59.2	2	0.34	1.08	2	0.31	-4.31	0	12	25	297	13	1
i90	0.02	1828	49.5	1	0.25	6.00	1	0.33	-6.46	0	24	36	297	12	1
i90	0.58	3779	32.7	2	0.03	4.43	1	0.34	-1.81	0	21	37	297	16	2
i90	1.42	5948	35.6	2	0.26	2.48	1	0.19	-2.69	1	15	25	298	10	2
i90	0.00	0	0.0	1	0.25	2.11	1	0.30	-1.06	0	16	24	298	8	0
i90	0.84	6365	55.7	1	0.27	1.58	0	0.00	0.00	0	12	29	298	17	2
i90	0.68	11839	12.0	0	0.00	0.00	1	0.08	-0.35	0	10	13	298	3	2
i90	1.12	9039	43.0	1	0.08	2.59	1	0.42	-5.15	1	26	44	298	18	2
i90	0.45	7702	45.3	0	0.00	0.00	0	0.00	0.00	1	48	68	298	20	2
i90	0.00	0	0.0	1	0.03	1.92	0	0.00	0.00	0	26	35	382	9	0
i90	0.53	5730	19.1	1	0.19	1.92	0	0.00	0.00	0	23	40	382	17	2
i90	0.84	5252	33.0	0	0.00	0.00	1	0.15	-1.01	1	28	43	382	15	2
i90	0.37	3183	35.1	1	0.11	1.70	1	0.14	-1.98	1	20	29	382	9	1
i90	0.17	3820	54.0	0	0.00	0.00	2	0.28	-2.06	1	21	37	382	16	1
i90	0.75	2941	70.7	0	0.00	0.00	1	0.27	-2.46	1	43	62	382	19	2
i90	0.93	2313	81.6	2	0.32	3.05	1	0.44	-5.20	1	15	40	382	25	2
i90	0.51	4146	53.3	1	0.19	4.11	2	0.21	-4.40	0	6	11	357	5	2
i90	0.34	5157	28.3	0	0.00	0.00	2	0.22	-1.93	2	24	47	357	23	2
i90	0.53	5157	21.8	2	0.38	1.80	1	0.16	-3.48	0	34	48	499	14	2
i90	0.00	0	0.0	2	0.30	1.03	2	0.29	-1.92	0	111	339	437	228	0
i90	0.11	11459	2.8	1	0.19	2.66	1	0.23	-2.60	0	130	172	437	42	1
i90	0.00	0	0.0	2	0.30	1.70	2	0.26	-2.24	1	102	161	437	59	0
i90	0.43	5730	22.6	2	0.49	2.63	2	0.21	-5.36	0	49	68	413	19	1
i90	0.47	11459	12.3	1	0.30	3.66	2	0.40	-3.73	0	53	72	413	19	1
i90	0.00	0	0.0	0	0.00	0.00	2	0.41	-1.31	0	113	148	413	35	0
i90	0.29	5730	15.4	1	0.19	1.82	1	0.30	-2.88	1	105	154	413	49	1
i90	0.00	0	0.0	1	0.19	3.28	1	0.30	-2.99	0	100	145	413	45	0
i90	0.25	4584	16.2	2	0.42	3.38	1	0.04	-6.60	0	77	110	413	33	1
i90	0.83	12279	32.4	1	0.19	3.88	1	0.34	-6.60	0	52	78	413	26	1
i90	1.00	12279	32.4	1	0.19	1.45	1	0.29	-4.78	0	51	99	413	48	2
i90	0.80	12279	32.4	0	0.00	0.00	2	0.30	-3.06	0	65	88	0	23	1
i90	0.45	11454	10.9	1	0.30	6.17	1	0.24	-5.36	1	52	80	411	28	2
i90	0.49	11449	9.6	1	0.23	1.77	1	0.33	-5.36	0	81	114	411	33	2
i90	0.30	11459	22.1	0	0.00	0.00	2	0.42	-1.25	0	106	141	411	35	1
i90	0.54	11459	22.1	2	0.35	1.33	0	0.00	0.00	1	81	113	411	32	1
i90	0.22	22899	2.9	2	0.60	1.50	2	0.76	-2.31	0	37	63	411	26	0
i90	0.38	4584	55.3	0	0.00	0.00	2	0.85	-1.68	1	16	21	729	5	1
i90	0.58	8016	30.3	1	0.38	4.77	0	0.00	0.00	1	190	388	441	198	1
i90	0.60	8589	16.5	0	0.00	0.00	1	0.38	-2.59	0	314	393	574	79	2
i90	0.57	3819	44.8	1	0.27	2.21	1	0.42	-2.53	2	220	252	574	32	2
i90	0.56	8026	13.6	1	0.11	0.83	2	0.05	-1.97	2	31	37	574	6	1
i90	0.50	5730	17.8	1	0.38	2.85	1	0.36	-1.41	0	22	26	574	4	2
i90	0.40	5730	15.5	1	0.06	2.85	1	0.19	-1.57	0	22	22	574	0	2
i90	0.26	11451	6.9	0	0.00	0.00	1	0.19	-0.34	1	18	22	574	4	2

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i90	0.81	3440	49.6	1	0.23	3.03	1	0.31	-3.37	0	9	18	574	9	1
i90	0.74	6112	39.4	0	0.00	0.00	2	0.30	-2.94	0	6	16	574	10	2
i90	0.48	9550	14.1	1	0.59	6.88	0	0.00	0.00	0	14	25	618	11	2
i90	0.00	0	0.0	1	0.16	4.28	1	0.34	-6.52	0	12	13	618	1	2
i90	0.60	4776	25.5	2	0.26	2.60	2	0.51	-1.32	0	26	32	618	6	0
i90	0.33	6682	14.4	1	0.19	2.26	2	0.62	-2.41	0	39	43	618	4	2
i90	0.50	6685	11.2	2	0.26	3.14	1	0.45	-3.14	0	53	61	618	8	2
i90	0.83	4774	26.1	2	0.37	2.63	3	0.36	-2.82	0	55	70	627	15	2
i90	0.00	0	0.0	2	0.20	2.33	1	0.36	-6.78	1	60	743	627	683	2
i90	0.71	11456	20.2	1	0.08	1.72	1	0.27	-1.05	1	80	95	796	15	0
i90	0.34	8593	32.5	0	0.00	0.00	2	0.15	-0.37	1	72	79	796	7	1
i90	0.57	5730	44.7	1	0.08	0.25	1	0.08	-0.49	0	19	25	796	6	2
i90	0.00	0	0.0	2	0.16	1.81	1	0.08	-0.74	2	27	52	796	25	1
i90	0.30	3819	41.6	2	0.13	0.83	2	0.27	-1.48	3	41	50	892	9	0
i90	0.36	4774	26.5	0	0.00	0.00	0	0.00	0.00	0	33	41	892	8	1
i90	0.08	5730	11.5	0	0.00	0.00	0	0.00	0.00	0	87	113	892	26	2
i90	0.00	0	0.0	1	0.02	1.10	0	0.00	0.00	0	126	152	560	26	1
i90	0.01	5730	32.6	3	0.29	0.89	1	0.30	-0.73	2	54	95	560	41	0
i90	0.61	5730	32.6	1	0.15	1.09	1	0.21	-1.84	1	151	179	547	28	1
i90	0.34	5801	35.1	1	0.08	1.88	1	0.01	-1.84	0	83	98	547	15	1
i90	0.76	6720	30.1	1	0.10	1.88	0	0.00	0.00	1	74	81	547	7	1
i90	0.35	5729	22.8	0	0.00	0.00	0	0.00	0.00	0	54	65	547	11	2
i90	0.54	2854	43.1	0	0.00	0.00	1	0.45	-4.11	1	27	29	547	2	2
i90	0.76	2716	54.7	1	0.02	1.96	1	0.19	-1.65	2	12	22	547	10	3
i90	0.36	4073	32.4	2	0.29	2.95	1	0.15	-0.92	3	24	34	547	10	2
i90	0.04	5730	14.6	1	0.14	3.94	1	0.30	-1.40	0	144	172	547	28	2
i90	0.61	5730	17.1	0	0.00	0.00	0	0.00	0.00	1	152	176	656	24	1
i90	0.20	5730	10.5	0	0.00	0.00	0	0.00	0.00	1	31	34	656	3	2
i90	0.20	22876	2.7	0	0.00	0.00	0	0.00	0.00	0	71	81	656	10	1
i90	0.64	5730	33.8	1	0.08	1.62	0	0.00	0.00	0	87	104	656	17	1
i90	0.56	7614	30.9	1	0.08	0.90	1	0.23	-2.06	1	173	191	656	18	2
i90	0.59	7750	16.1	0	0.00	0.00	2	0.57	-3.09	0	123	137	656	14	2
i90	0.49	4222	22.4	1	0.30	5.72	0	0.00	0.00	0	52	65	656	13	2
i90	0.54	5156	23.5	1	0.19	3.44	1	0.27	-2.45	0	113	124	656	11	3
i90	0.49	5730	19.1	0	0.00	0.00	1	0.61	-6.67	1	115	140	580	25	2
i90	0.31	5722	8.7	1	0.03	10.01	1	0.19	-2.19	1	56	82	580	26	2
i90	0.50	5723	15.2	1	0.42	10.01	1	0.19	-4.90	2	268	300	580	32	2
i90	0.28	5730	14.9	0	0.00	0.00	1	0.56	-4.90	1	59	74	570	15	2
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	124	144	570	20	1
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	93	119	570	26	0
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	66	75	577	9	1
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	1	36	45	577	9	1
i90	0.00	0	0.0	1	0.16	0.42	0	0.00	0.00	0	35	42	577	7	1
i90	0.30	5730	20.7	2	0.29	0.64	2	0.35	-1.49	0	51	62	577	11	0
i90	0.27	5727	15.0	0	0.00	0.00	1	0.33	-2.16	0	61	69	513	8	1
i90	0.00	0	0.0	1	0.15	3.56	1	0.19	-1.01	0	45	63	513	18	2
i90	0.00	0	0.0	1	0.11	2.51	1	0.30	-3.68	0	153	169	783	16	0
i90	0.40	5727	21.3	1	0.23	2.28	1	0.08	-0.78	3	23	28	783	5	0
i90	0.20	5730	8.5	1	0.08	1.15	2	0.24	-2.59	1	12	20	783	8	1
i90	0.39	5730	13.3	1	0.08	2.03	2	0.26	-2.36	0	7	12	303	5	2
i90	0.39	5730	24.3	2	0.23	2.51	1	0.03	-2.27	0	5	10	303	5	2
i90	0.25	5730	29.3	1	0.11	1.20	0	0.00	0.00	0	8	12	286	4	2
i90	0.00	0	0.0	0	0.00	0.00	2	0.30	-2.59	0	23	27	286	4	1
i90	0.31	5733	16.5	1	0.11	2.59	1	0.04	-1.66	0	16	20	286	4	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i90	0.00	0	0.0	1	0.11	1.80	1	0.23	-3.21	0	52	64	286	12	1
i90	0.45	11464	12.0	1	0.15	3.15	1	0.11	-1.21	0	26	32	286	6	0
i90	0.73	7638	30.6	1	0.13	2.38	1	0.34	-4.23	0	29	39	286	10	1
i90	0.05	7638	30.6	2	0.09	1.63	1	0.08	-0.39	0	8	12	286	4	1
i90	0.32	5730	17.1	1	0.08	1.23	1	0.08	-0.65	0	11	14	286	3	0
i90	0.00	0	0.0	1	0.08	1.24	1	0.11	-0.75	0	9	10	286	1	1
i90	0.92	11457	25.2	1	0.03	1.83	2	0.34	-2.05	1	9	9	286	0	0
i90	0.21	8593	29.2	1	0.05	1.83	0	0.00	0.00	0	6	7	286	1	1
i90	0.46	5730	33.1	2	0.15	1.27	1	0.26	-4.12	0	5	7	283	2	2
i90	0.54	4583	38.9	1	0.11	2.51	1	0.05	-4.12	0	2	6	283	4	1
i90	0.68	6112	31.9	0	0.00	0.00	1	0.11	-1.44	0	4	6	283	2	1
i90	0.24	5730	27.3	2	0.25	3.27	0	0.00	0.00	0	0	5	283	5	2
i90	0.28	5730	24.9	0	0.00	0.00	1	0.08	-3.35	0	5	5	288	0	1
i90	0.75	5730	24.1	1	0.19	3.69	2	0.35	-2.65	0	3	4	288	1	2
i90	0.16	5730	25.7	1	0.08	0.64	1	0.30	-2.87	0	7	8	288	1	2
i90	0.78	5730	49.5	2	0.15	1.21	1	0.04	-5.59	0	10	15	288	5	1
i90	0.15	5730	49.5	2	0.27	2.93	2	0.38	-5.13	0	3	4	320	1	1
i90	1.07	5730	60.3	1	0.11	1.50	1	0.27	-4.67	0	5	5	320	0	1
i90	0.00	0	0.0	0	0.00	0.00	1	0.08	-0.27	1	7	9	320	2	1
i90	1.11	5730	67.5	1	0.11	2.43	1	0.23	-3.62	0	5	6	320	1	0
i90	0.00	0	0.0	1	0.08	1.08	1	0.08	-0.98	0	4	6	320	2	2
i90	0.57	8591	41.2	1	0.08	1.65	1	0.08	-0.42	0	4	7	322	3	0
i90	0.10	11452	7.8	6	0.62	4.33	2	0.09	-10.64	0	5	5	322	0	2
i90	0.79	3824	31.4	4	0.20	1.45	8	1.04	-2.13	0	5	5	322	0	1
i90	0.42	4534	41.8	6	0.31	0.82	5	0.34	-1.82	0	4	6	322	2	1
i90	0.60	7158	28.4	5	0.33	1.09	6	0.53	-1.08	0	4	4	322	0	3
i90	0.62	3179	58.9	3	0.19	0.74	1	0.12	-2.06	0	2	19	322	17	1
i90	0.64	3820	57.5	2	0.15	1.95	1	0.11	-4.09	0	0	0	332	0	1
i90	0.52	3820	46.1	1	0.11	3.28	1	0.15	-4.09	0	2	4	332	2	1
i90	0.00	0	0.0	2	0.15	1.04	1	0.11	-1.92	0	2	5	332	3	2
i90	0.53	5730	28.2	1	0.08	0.89	1	0.11	-1.51	0	2	2	332	0	0
i90	0.50	5730	29.0	1	0.08	1.08	2	0.15	-0.61	0	2	2	332	0	1
i90	0.05	5730	29.0	1	0.08	0.49	0	0.00	0.00	0	3	5	332	2	1
i90	0.50	3820	39.8	1	0.08	1.37	1	0.11	-1.40	0	6	7	332	1	1
i90	0.00	0	0.0	0	0.00	0.00	1	0.11	-1.68	0	11	12	332	1	1
i90	0.04	11459	6.2	2	0.18	1.74	1	0.08	-0.67	0	16	18	349	2	0
i90	0.19	11459	6.2	2	0.02	1.39	1	0.19	-2.36	0	22	26	349	4	1
i90	0.52	5730	29.2	1	0.07	2.10	1	0.19	-2.10	0	26	26	349	0	1
i90	0.03	5730	29.2	1	0.08	2.23	0	0.00	0.00	0	23	27	349	4	1
i90	0.92	4775	48.7	1	0.08	3.20	1	0.34	-4.08	0	22	24	349	2	1
i90	0.86	5730	34.8	1	0.04	3.20	0	0.00	0.00	0	10	20	349	10	0
i90	0.42	5730	41.1	1	0.11	2.45	2	0.30	-2.01	0	20	20	374	0	0
i90	0.49	7637	22.3	1	0.11	3.19	0	0.00	0.00	0	28	38	374	10	0
i90	0.76	11457	13.6	1	0.08	1.60	2	0.28	-1.83	0	47	53	374	6	2
i90	0.53	8594	20.9	2	0.15	1.06	1	0.02	-2.09	1	21	27	374	6	2
i90	0.52	5730	23.0	0	0.00	0.00	2	0.30	-1.80	0	11	11	401	0	2
i90	0.59	2531	48.1	1	0.00	2.55	0	0.00	0.00	0	10	14	401	4	2
i90	0.49	4130	31.2	2	0.19	1.71	0	0.00	0.00	0	14	16	401	2	2
i90	0.09	5730	4.5	0	0.00	0.00	1	0.34	-5.26	1	10	15	401	5	2
i90	0.21	5730	16.8	1	0.11	2.61	1	0.07	-2.36	0	5	7	401	2	1
i90	0.80	4774	46.0	1	0.19	4.20	2	0.22	-2.69	0	3	3	401	0	1
i90	0.44	3818	63.9	1	0.11	3.54	1	0.05	-3.03	0	5	6	401	1	1
i90	0.00	0	0.0	0	0.00	0.00	1	0.15	-1.16	0	4	4	338	0	1
i90	0.47	5734	24.6	1	0.08	1.78	1	0.30	-4.90	0	5	6	338	1	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i90	0.00	0	0.0	1	0.15	4.15	1	0.09	-3.96	0	2	4	338	2	1
i90	0.35	5728	19.4	1	0.08	2.03	1	0.18	-3.96	0	6	8	337	2	1
i90	0.39	5730	24.8	1	0.08	0.98	1	0.19	-2.97	0	19	20	337	1	2
i90	0.11	5730	6.0	1	0.15	4.23	1	0.19	-2.73	0	25	33	337	8	1
i90	0.29	5730	15.6	0	0.00	0.00	1	0.11	-1.15	2	12	17	337	5	1
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	11	19	337	8	1
i90	0.00	0	0.0	1	0.08	1.06	0	0.00	0.00	0	4	6	337	2	0
i90	0.10	6278	4.6	1	0.15	2.07	1	0.08	-0.64	0	11	13	337	2	0
i90	0.61	5686	32.6	1	0.19	4.16	2	0.41	-3.97	0	23	51	337	28	1
i90	0.31	2327	39.7	1	0.15	2.33	2	0.39	-3.90	0	33	58	400	25	1
i90	0.00	0	0.0	2	0.26	1.96	2	0.54	-1.49	1	8	31	400	23	1
i90	0.49	2478	59.8	2	0.31	3.21	2	0.46	-4.47	0	6	24	444	18	0
i90	0.38	1835	62.7	2	0.38	1.56	1	0.33	-5.93	0	11	69	444	58	1
i90	0.24	17189	4.2	1	0.19	2.80	1	0.53	-6.67	0	16	61	444	45	1
i90	0.00	0	0.0	2	0.40	3.43	2	0.38	-1.89	1	26	52	452	26	1
i90	0.58	11459	35.3	1	0.38	3.65	1	0.49	-6.26	0	55	87	452	32	0
i90	0.88	8594	22.9	1	0.23	4.17	2	0.31	-4.50	0	51	91	452	40	1
i90	0.52	5730	19.9	1	0.34	2.40	1	0.30	-0.93	0	32	44	446	12	2
i90	0.12	5730	29.1	1	0.19	3.40	2	0.46	-1.57	0	32	48	446	16	2
i90	0.42	5730	18.6	1	0.25	5.22	3	0.51	-2.78	0	34	49	446	15	1
i90	0.29	5730	23.6	1	0.23	2.52	1	0.36	-3.98	0	33	46	446	13	2
i90	0.00	0	0.0	1	0.19	2.19	2	0.50	-1.78	0	41	56	446	15	1
i90	0.31	5730	16.6	1	0.15	1.23	2	0.55	-1.45	2	55	99	446	44	0
i90	0.34	5730	18.0	3	0.32	0.51	2	0.24	-1.16	0	34	49	446	15	1
i90	0.00	0	0.0	2	0.33	0.18	0	0.00	0.00	0	32	43	446	11	1
i90	0.00	0	0.0	1	0.23	1.01	2	0.14	-0.96	0	45	63	446	18	0
i90	0.00	0	0.0	1	0.45	1.55	1	0.16	-1.91	1	49	56	446	7	0
i90	0.18	5730	27.7	2	0.28	1.66	1	0.27	-1.21	0	31	42	446	11	0
i90	0.34	5730	27.7	1	0.22	2.11	2	0.39	-1.65	0	27	43	446	16	1
i90	0.39	4582	25.7	1	0.19	2.58	3	0.37	-0.89	1	27	42	446	15	1
i90	0.28	22918	3.7	2	0.22	2.58	2	0.46	-2.37	1	22	34	446	12	1
i90	0.00	0	0.0	2	0.08	1.41	1	0.08	-0.42	0	16	25	446	9	1
i90	0.37	4585	24.1	2	0.23	1.73	1	0.45	-5.41	0	24	37	456	13	0
i90	0.32	5730	16.9	1	0.09	1.81	2	0.23	-0.27	0	24	34	456	10	1
i90	0.09	5730	12.9	1	0.08	0.36	0	0.00	0.00	0	23	37	456	14	1
i90	0.39	5156	24.4	1	0.11	2.04	2	0.26	-2.19	0	26	37	456	11	1
i90	0.50	8015	20.5	2	0.19	1.55	1	0.23	-4.23	1	24	42	456	18	2
i90	0.36	11459	11.0	2	0.27	1.62	0	0.00	0.00	0	22	36	456	14	2
i90	0.65	6366	19.5	1	0.11	1.59	1	0.30	-2.62	1	37	60	318	23	1
i90	0.39	5730	25.0	1	0.14	4.37	1	0.34	-5.41	3	34	44	319	10	3
i90	0.44	5730	21.8	2	0.16	4.00	1	0.19	-3.04	0	34	53	319	19	1
i90	0.00	0	0.0	1	0.19	2.48	2	0.50	-2.97	0	24	39	319	15	2
i90	0.00	0	0.0	1	0.19	0.33	2	0.10	-0.77	1	26	34	319	8	2
i90	0.29	22904	3.9	1	0.11	2.21	1	0.15	-1.80	0	28	44	319	16	1
i90	0.00	0	0.0	1	0.11	1.02	1	0.09	-0.85	0	39	52	319	13	1
i90	0.00	0	0.0	1	0.15	4.01	2	0.15	-1.23	0	25	41	305	16	0
i90	0.00	0	0.0	1	0.11	1.96	3	0.35	-2.62	2	10	15	305	5	1
i90	0.25	11442	3.3	2	0.22	1.23	1	0.30	-5.71	0	33	41	305	8	0
i90	0.31	11459	11.4	2	0.23	1.42	0	0.00	0.00	0	51	66	305	15	0
i90	0.16	8594	14.0	1	0.08	0.68	1	0.45	-4.28	0	43	66	305	23	1
i90	0.31	12430	9.2	2	0.15	0.80	0	0.00	0.00	1	21	33	309	12	2
i90	0.21	19130	1.8	2	0.15	0.59	0	0.00	0.00	0	17	25	309	8	2
i90	0.00	0	0.0	1	0.15	4.38	4	0.61	-1.89	0	38	48	309	10	2
i90	0.15	11459	4.0	3	0.38	2.25	2	0.15	-0.85	1	27	42	309	15	1

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i90	0.51	2595	59.2	2	0.32	1.10	2	0.31	-4.39	0	14	21	309	7	3
i90	0.02	1828	49.5	1	0.25	6.00	1	0.33	-6.50	1	23	35	309	12	1
i90	0.58	3779	32.7	2	0.04	4.37	1	0.34	-1.80	0	14	21	309	7	1
i90	1.42	5948	35.6	2	0.26	2.40	1	0.19	-2.50	0	32	43	421	11	2
i90	0.00	0	0.0	1	0.25	2.05	1	0.30	-1.09	0	40	50	421	10	2
i90	0.84	6365	55.7	1	0.27	1.60	0	0.00	0.00	2	32	49	421	17	0
i90	0.68	11839	12.0	0	0.00	0.00	1	0.08	-0.31	0	12	28	421	16	2
i90	1.12	9039	43.0	1	0.08	3.43	1	0.42	-5.20	1	23	53	421	30	2
i90	0.45	7702	45.3	0	0.00	0.00	0	0.00	0.00	0	43	57	421	14	2
i90	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	32	46	359	14	2
i90	0.53	5730	19.1	0	0.00	0.00	0	0.00	0.00	0	43	53	359	10	0
i90	0.84	5252	33.0	1	0.15	0.09	0	0.00	0.00	0	23	32	359	9	2
i90	0.37	3183	35.1	1	0.11	1.69	1	0.12	-1.98	1	24	48	359	24	2
i90	0.17	3820	54.0	0	0.00	0.00	2	0.30	-2.00	0	26	43	359	17	1
i90	0.75	2941	70.7	0	0.00	0.00	1	0.27	-2.82	0	9	21	359	12	1
i90	0.93	2313	81.6	3	0.34	2.12	1	0.44	-5.21	0	8	40	359	32	2
i90	0.51	4146	53.3	1	0.19	4.11	2	0.21	-4.40	1	23	42	417	19	2
i90	0.34	5157	28.3	0	0.00	0.00	2	0.22	-1.93	2	15	48	417	33	2
i90	0.53	5157	21.8	2	0.38	1.80	1	0.16	-3.48	0	6	18	401	12	2
i90	0.00	0	0.0	2	0.30	1.03	2	0.29	-1.92	0	32	935	389	903	2
i90	0.11	11459	2.8	1	0.19	2.68	1	0.23	-2.61	1	55	82	389	27	0
i90	0.00	0	0.0	2	0.30	1.70	2	0.26	-2.24	0	66	93	389	27	1
i90	0.43	5730	22.6	2	0.49	2.63	2	0.21	-5.36	0	40	59	343	19	0
i90	0.47	11459	12.3	1	0.30	3.66	2	0.40	-3.85	0	24	40	343	16	1
i90	0.00	0	0.0	0	0.00	0.00	2	0.34	-1.13	0	36	55	343	19	1
i90	0.29	5730	15.4	1	0.19	1.68	1	0.30	-3.12	0	25	36	343	11	0
i90	0.00	0	0.0	1	0.19	3.28	1	0.30	-2.99	0	24	40	343	16	1
i90	0.25	4584	16.2	2	0.42	3.38	1	0.04	-6.60	0	22	26	343	4	0
i90	0.83	12279	32.4	1	0.19	3.88	1	0.33	-6.60	0	24	38	343	14	1
i90	1.00	12279	32.4	1	0.19	1.45	1	0.29	-4.78	1	20	42	343	22	1
i90	0.80	12279	32.4	0	0.00	0.00	2	0.29	-3.05	0	15	23	398	8	2
i90	0.45	11454	10.9	1	0.30	5.78	1	0.24	-4.57	0	13	25	398	12	1
i90	0.49	11449	9.6	1	0.23	1.22	1	0.33	-4.57	0	15	33	398	18	2
i90	0.33	11459	22.1	0	0.00	0.00	2	0.42	-1.18	0	15	28	398	13	2
i90	0.51	11459	22.1	2	0.36	1.33	0	0.00	0.00	0	25	36	398	11	1
i90	0.00	0	0.0	2	0.59	1.50	2	0.76	-2.31	0	22	36	398	14	1
i25	0.00	0	0.0	2	0.12	1.47	1	0.23	-2.58	1	181	247	10300	66	0
i25	0.45	11454	11.9	3	0.30	0.94	0	0.00	0.00	2	147	245	10300	98	1
i25	0.30	11459	8.0	2	0.19	1.55	1	0.08	-0.57	1	290	366	10300	76	1
i25	0.00	0	0.0	1	0.15	2.91	2	0.54	-4.37	16	159	211	20200	52	1
i25	0.95	6855	21.8	1	0.11	1.51	2	0.33	-2.56	9	152	224	20200	72	2
i25	0.11	8593	13.2	1	0.15	1.56	0	0.00	0.00	0	60	105	20200	45	1
i25	0.96	11459	40.7	1	0.08	0.11	2	0.19	-0.61	3	37	79	20200	42	1
i25	0.58	11459	40.7	1	0.11	0.50	1	0.22	-1.46	1	34	86	20200	52	1
i25	0.00	0	0.0	1	0.30	4.10	0	0.00	0.00	5	177	284	11182	107	0
i25	0.58	4100	38.2	3	0.48	1.49	1	0.31	-5.57	2	211	308	9688	97	2
i25	0.40	5700	33.3	2	0.14	3.28	2	0.36	-3.85	1	193	281	9477	88	1
i25	0.32	11459	8.4	2	0.27	2.43	3	0.34	-1.61	1	47	95	10340	48	1
i25	0.42	4427	15.4	0	0.00	0.00	2	0.25	-1.34	2	55	119	10370	64	2
i25	0.29	11459	7.6	2	0.34	2.65	4	0.30	-1.35	0	119	171	7815	52	1
i25	0.00	0	0.0	1	0.17	1.86	2	0.20	-1.11	1	35	56	6012	21	0
i25	0.00	0	0.0	1	0.21	2.71	1	0.30	-6.29	2	35	50	6012	15	0
i25	0.00	0	0.0	2	0.40	4.78	3	0.34	-3.64	1	57	96	6012	39	0
i25	0.00	0	0.0	1	0.11	2.03	2	0.40	-3.40	4	23	46	5037	23	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.53	11455	14.0	1	0.45	4.87	1	0.28	-2.20	0	62	87	3866	25	1
i25	0.00	0	0.0	2	0.23	1.56	1	0.18	-2.20	1	93	120	3866	27	0
i25	0.00	0	0.0	1	0.38	3.90	2	0.59	-4.29	1	185	228	3866	43	0
i25	0.00	0	0.0	1	0.19	3.38	2	0.39	-3.13	1	107	146	3866	39	0
i25	0.00	0	0.0	1	0.08	1.57	1	0.15	-1.92	0	115	139	3757	24	0
i25	0.00	0	0.0	2	0.45	3.36	1	0.23	-3.85	0	88	105	3757	17	0
i25	0.34	11453	10.0	0	0.00	0.00	1	0.23	-3.98	0	92	113	3757	21	1
i25	0.04	11453	10.0	1	0.15	1.37	0	0.00	0.00	0	186	234	3757	48	1
i25	0.00	0	0.0	1	0.08	0.71	1	0.27	-2.29	0	184	217	3699	33	0
i25	0.19	11448	5.1	1	0.30	2.42	1	0.30	-3.64	1	101	120	3699	19	1
i25	0.19	11448	5.1	1	0.19	2.15	1	0.00	-1.89	1	68	88	3699	20	1
i25	0.00	0	0.0	0	0.00	0.00	2	0.41	-1.49	1	41	51	3699	10	0
i25	0.00	0	0.0	0	0.00	0.00	1	0.00	-0.65	0	51	59	3676	8	0
i25	0.34	11538	18.2	1	0.08	1.80	1	0.07	-0.65	0	19	23	3676	4	1
i25	0.36	11538	18.2	2	0.19	1.51	2	0.34	-1.54	2	17	29	3676	12	1
i25	0.00	0	0.0	2	0.23	2.27	0	0.00	0.00	3	30	42	3676	12	0
i25	0.71	11384	19.0	1	0.04	0.33	1	0.64	-5.26	1	57	65	3676	8	1
i25	0.00	0	0.0	2	0.27	2.58	1	0.04	-0.88	1	33	47	3631	14	0
i25	0.00	0	0.0	1	0.08	1.69	1	0.30	-3.28	0	23	31	3631	8	0
i25	0.57	11387	22.2	1	0.08	1.00	2	0.32	-2.38	1	28	41	3631	13	1
i25	0.32	11388	13.1	1	0.19	3.42	2	0.30	-2.68	1	25	31	3631	6	2
i25	0.12	11417	4.1	1	0.08	1.06	2	0.10	-1.72	2	23	36	3631	13	2
i25	0.14	11445	4.1	1	0.34	5.67	2	0.34	-2.15	1	16	18	7216	2	1
i25	0.00	0	0.0	1	0.30	4.65	1	0.27	-2.90	0	4	5	7216	1	0
i25	0.00	0	0.0	0	0.00	0.00	1	0.34	-4.11	0	7	8	7216	1	0
i25	0.00	0	0.0	2	0.42	2.75	2	0.16	-1.74	0	9	15	7216	6	0
i25	0.00	0	0.0	1	0.02	5.86	2	0.37	-1.70	0	11	13	7216	2	0
i25	0.00	0	0.0	1	0.38	5.86	2	0.38	-2.73	0	6	8	7216	2	0
i25	0.00	0	0.0	2	0.32	2.97	2	0.23	-2.60	1	0	0	7216	0	0
i25	0.08	17189	1.5	2	0.25	2.87	1	0.51	-6.03	4	3	7	7216	4	1
i25	0.00	0	0.0	2	0.27	0.49	1	0.15	-0.83	3	11	27	3631	16	0
i25	0.13	11443	3.5	1	0.11	2.29	2	0.53	-2.20	0	10	10	3631	0	1
i25	0.35	2865	37.5	2	0.30	1.69	2	0.43	-1.63	0	9	13	3631	4	1
i25	0.66	4297	26.9	1	0.11	2.10	2	0.50	-2.23	0	5	6	3631	1	2
i25	0.49	7639	28.8	1	0.08	1.78	1	0.02	-2.01	1	5	11	3631	6	1
i25	0.24	7639	28.8	1	0.11	3.91	1	0.30	-1.38	1	6	8	3631	2	1
i25	0.67	2600	86.6	2	0.15	2.95	1	0.34	-2.69	4	15	27	3631	12	1
i25	0.38	3592	59.0	0	0.00	0.00	1	0.38	-3.73	0	6	12	3527	6	2
i25	0.45	5157	40.2	2	0.14	1.45	0	0.00	0.00	0	13	19	3527	6	2
i25	0.65	5730	49.2	2	0.07	1.04	1	0.30	-1.83	0	13	20	3527	7	1
i25	0.48	5156	17.8	2	0.09	0.61	0	0.00	0.00	1	8	13	3642	5	2
i25	0.13	5730	19.1	1	0.09	2.43	0	0.00	0.00	0	27	36	3642	9	1
i25	0.30	11452	8.0	2	0.21	2.02	1	0.23	-4.15	1	37	45	3642	8	1
i25	0.00	0	0.0	2	0.12	1.71	1	0.15	-2.06	1	40	45	3642	5	0
i25	0.00	0	0.0	2	0.15	1.84	1	0.08	-0.93	0	40	51	3642	11	0
i25	0.00	0	0.0	2	0.15	2.19	1	0.15	-3.17	2	41	53	3642	12	0
i25	0.50	5730	26.8	2	0.15	2.00	1	0.15	-2.81	0	46	55	3642	9	1
i25	0.33	5730	25.7	0	0.00	0.00	1	0.08	-0.50	2	39	55	3642	16	2
i25	0.14	5730	24.7	1	0.30	6.00	2	0.27	-3.03	0	30	53	3676	23	1
i25	0.29	5730	15.5	1	0.11	1.66	2	0.30	-3.83	0	47	53	3665	6	1
i25	0.37	5730	19.6	1	0.15	2.93	1	0.08	-0.84	0	53	70	3665	17	1
i25	0.00	0	0.0	1	0.11	1.65	0	0.00	0.00	0	40	48	3676	8	0
i25	0.37	4583	24.7	0	0.00	0.00	0	0.00	0.00	10	54	90	3676	36	1
i25	0.15	11459	10.7	1	0.11	1.22	1	0.30	-3.42	0	34	38	3723	4	1

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.25	11459	10.7	1	0.15	1.73	0	0.00	0.00	2	44	56	3723	12	1
i25	0.00	0	0.0	0	0.00	0.00	1	0.15	-0.71	1	62	92	3723	30	0
i25	0.16	5730	10.0	0	0.00	0.00	1	0.11	-0.81	0	56	68	3906	12	2
i25	0.26	5730	13.7	1	0.08	0.70	1	0.04	-1.04	0	67	91	3906	24	2
i25	0.25	5730	15.2	2	0.21	0.65	1	0.11	-1.04	1	58	83	3906	25	1
i25	0.30	5730	15.7	2	0.13	0.64	1	0.11	-1.11	2	37	65	3906	28	1
i25	0.00	0	0.0	2	0.20	0.84	1	0.15	-1.82	1	42	86	3906	44	0
i25	0.00	0	0.0	2	0.25	1.95	1	0.45	-2.00	0	38	76	2613	38	0
i25	0.48	5730	39.4	0	0.00	0.00	2	0.34	-1.18	0	53	86	3645	33	1
i25	0.26	5730	39.4	2	0.28	2.60	1	0.44	-3.89	0	20	28	3842	8	1
i25	0.57	6683	15.5	1	0.15	0.75	2	0.21	-0.46	1	47	69	3842	22	2
i25	0.12	7637	16.3	1	0.05	5.94	2	0.25	-1.34	0	60	80	3842	20	1
i25	0.42	5730	21.9	1	0.40	5.94	1	0.01	-2.39	2	43	57	3842	14	1
i25	0.45	3820	35.6	0	0.00	0.00	2	0.43	-2.28	1	6	14	3817	8	1
i25	0.19	5730	10.3	2	0.17	1.05	1	0.08	-0.84	2	12	30	3817	18	1
i25	0.00	0	0.0	1	0.15	3.36	1	0.06	-3.17	1	30	47	3817	17	0
i25	0.00	0	0.0	2	0.27	2.19	3	0.48	-2.36	0	16	21	3802	5	0
i25	0.28	5730	15.0	1	0.08	1.23	1	0.12	-1.56	1	13	19	3802	6	1
i25	0.00	0	0.0	2	0.15	0.36	1	0.19	-1.98	0	14	25	3802	11	0
i25	0.20	4583	13.3	2	0.23	1.37	0	0.00	0.00	2	21	38	3802	17	0
i25	0.53	4584	19.3	1	0.21	0.32	1	0.25	-2.72	1	13	38	3802	25	0
i25	0.06	4585	12.7	1	0.11	0.79	1	0.28	-3.42	0	8	20	3730	12	0
i25	0.00	0	0.0	2	0.15	2.30	2	0.32	-2.92	1	5	16	3730	11	0
i25	0.02	3820	39.8	2	0.27	2.86	1	0.19	-2.62	0	6	11	3625	5	1
i25	0.82	4775	29.0	2	0.42	3.31	1	0.38	-5.77	1	15	22	3625	7	2
i25	0.00	0	0.0	0	0.00	0.00	1	0.13	-1.21	1	33	46	3625	13	0
i25	0.11	11459	3.0	1	0.15	2.74	2	0.26	-3.92	2	12	18	3625	6	1
i25	0.10	11437	2.5	0	0.00	0.00	1	0.06	-6.64	0	8	14	3625	6	1
i25	0.13	1331	29.8	2	0.26	3.40	0	0.00	0.00	0	38	54	3625	16	1
i25	0.36	3242	34.0	2	0.20	2.62	2	0.28	-2.49	1	25	36	3583	11	1
i25	0.34	5761	18.0	0	0.00	0.00	2	0.59	-3.73	0	31	39	3583	8	1
i25	0.36	5078	9.4	2	0.32	2.99	0	0.00	0.00	1	30	48	3583	18	4
i25	0.10	3785	12.7	2	0.25	1.23	0	0.00	0.00	0	56	71	3583	15	1
i25	0.00	0	0.0	2	0.32	1.99	1	0.40	-5.62	0	49	67	3660	18	0
i25	0.28	11459	7.4	0	0.00	0.00	0	0.00	0.00	0	43	58	3660	15	1
i25	0.12	11478	3.1	0	0.00	0.00	0	0.00	0.00	0	34	52	3660	18	1
i25	0.14	11475	3.6	0	0.00	0.00	1	0.24	-14.52	0	25	34	3660	9	1
i25	0.26	4584	19.7	2	0.45	8.39	1	0.01	-14.52	1	17	29	3660	12	1
i25	0.54	4583	26.4	0	0.00	0.00	1	0.53	-6.37	3	33	47	3660	14	2
i25	0.01	11459	4.5	2	0.34	3.31	2	0.27	-4.18	1	13	30	3660	17	1
i25	0.60	8594	17.6	1	0.15	0.20	2	0.42	-1.78	0	11	18	3815	7	2
i25	0.14	5730	30.8	2	0.34	1.29	0	0.00	0.00	0	22	29	3815	7	1
i25	0.10	5730	17.6	2	0.24	1.45	1	0.30	-2.91	2	17	21	3815	4	1
i25	0.60	5156	22.4	2	0.40	2.82	2	0.37	-2.84	0	16	25	3815	9	2
i25	0.28	6111	18.4	1	0.19	2.52	1	0.28	-4.70	0	23	30	3815	7	2
i25	0.51	11455	13.4	1	0.22	2.39	1	0.15	-1.41	1	17	27	3815	10	1
i25	0.00	0	0.0	2	0.20	2.15	1	0.34	-7.62	0	13	24	3815	11	0
i25	0.57	11455	15.1	1	0.23	2.99	1	0.34	-7.62	1	9	12	3815	3	1
i25	0.12	5730	9.0	2	0.25	1.36	1	0.15	-1.49	1	10	17	3815	7	1
i25	0.05	5730	9.0	2	0.19	2.25	0	0.00	0.00	0	22	32	3815	10	1
i25	0.00	0	0.0	1	0.09	3.26	1	0.70	-7.69	0	24	36	3815	12	0
i25	0.50	5730	26.3	1	0.42	7.50	2	0.29	-5.16	0	15	28	3815	13	1
i25	0.09	4584	29.6	1	0.15	1.99	1	0.61	-6.85	0	21	26	3815	5	1
i25	0.36	4584	29.6	2	0.61	3.75	1	0.14	-2.85	2	36	54	3815	18	1

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.27	5730	14.1	1	0.19	1.60	2	0.43	-3.05	1	43	60	3815	17	1
i25	0.44	5730	23.3	1	0.19	4.55	0	0.00	0.00	0	58	88	4397	30	1
i25	0.00	0	0.0	0	0.00	0.00	1	0.34	-4.10	1	8	16	4397	8	0
i25	0.00	0	0.0	1	0.08	2.21	1	0.08	-0.83	1	28	114	4397	86	0
i25	0.25	22918	3.4	1	0.02	1.88	0	0.00	0.00	0	6	13	4397	7	1
i25	0.46	5730	24.6	1	0.06	1.88	2	0.23	-1.22	0	35	52	4397	17	1
i25	0.00	0	0.0	2	0.21	2.90	1	0.27	-3.32	0	34	42	4397	8	0
i25	0.09	11459	13.7	1	0.09	3.74	1	0.42	-5.61	0	20	38	4397	18	1
i25	0.43	11459	13.7	2	0.19	0.71	0	0.00	0.00	1	38	79	4397	41	1
i25	0.13	7639	37.2	3	0.15	0.47	3	0.32	-1.00	2	38	113	4397	75	1
i25	0.81	7639	37.2	1	0.11	2.75	1	0.02	-1.52	0	55	90	4134	35	1
i25	0.24	4584	43.2	1	0.15	2.24	1	0.28	-2.67	3	50	77	4134	27	1
i25	0.57	3569	47.4	1	0.15	1.72	1	0.05	-0.77	0	34	47	4134	13	2
i25	0.82	2612	66.9	2	0.20	2.59	2	0.22	-1.09	0	24	38	4134	14	2
i25	0.74	2972	67.0	1	0.06	2.60	1	0.53	-6.06	2	28	88	4134	60	2
i25	0.12	3547	55.9	2	0.36	3.53	2	0.38	-2.42	0	27	49	4443	22	2
i25	0.65	3819	60.0	0	0.00	0.00	0	0.00	0.00	1	25	38	4443	13	1
i25	0.00	0	0.0	1	0.15	0.33	0	0.00	0.00	0	32	60	4443	28	0
i25	0.00	0	0.0	2	0.15	0.64	1	0.08	-0.53	2	45	76	4443	31	0
i25	0.02	3819	17.2	1	0.19	2.20	0	0.00	0.00	3	57	79	4443	22	1
i25	0.19	3819	17.2	1	0.08	0.98	1	0.38	-5.51	3	52	75	4443	23	1
i25	0.09	5730	21.4	1	0.38	7.05	1	0.13	-1.95	2	87	125	4409	38	1
i25	0.31	5730	21.4	0	0.00	0.00	2	0.38	-3.26	2	92	139	4409	47	1
i25	0.00	0	0.0	2	0.27	2.07	0	0.00	0.00	3	133	212	4409	79	0
i25	0.17	5730	9.2	0	0.00	0.00	1	0.09	-1.40	0	195	262	4409	67	1
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	122	168	4387	46	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	1	86	138	4364	52	1
i25	0.58	13745	12.8	0	0.00	0.00	0	0.00	0.00	0	64	109	4364	45	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	69	108	4364	39	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	53	83	4397	30	0
i25	0.33	3818	30.6	1	0.27	0.35	0	0.00	0.00	0	55	76	4397	21	1
i25	0.06	3818	30.6	0	0.00	0.00	2	0.08	-0.98	0	59	87	4397	28	1
i25	0.32	5726	16.7	0	0.00	0.00	1	0.19	-1.56	0	69	95	4397	26	1
i25	0.00	0	0.0	1	0.03	2.71	1	0.03	-2.04	2	98	145	4397	47	0
i25	0.00	0	0.0	1	0.23	0.08	0	0.00	0.00	2	40	72	4397	32	0
i25	0.00	0	0.0	1	0.23	3.42	1	0.15	-1.31	0	20	24	4373	4	0
i25	0.21	5730	11.1	1	0.11	2.14	3	0.32	-2.14	1	26	40	4373	14	1
i25	0.00	0	0.0	1	0.19	4.90	2	0.70	-4.79	0	17	27	4373	10	1
i25	0.40	5730	21.1	3	0.23	2.63	1	0.04	-6.10	0	15	19	4373	4	1
i25	0.00	0	0.0	1	0.11	3.67	2	0.30	-1.67	2	33	68	4373	35	0
i25	0.21	5730	11.0	1	0.38	2.51	1	0.13	-2.76	2	13	16	4907	3	0
i25	0.00	0	0.0	1	0.11	1.99	2	0.61	-3.83	0	1	3	4907	2	1
i25	0.63	7716	17.9	1	0.08	1.99	1	0.11	-4.89	1	4	7	4907	3	2
i25	0.21	11487	10.4	0	0.00	0.00	1	0.43	-2.35	0	6	13	4907	7	1
i25	0.30	8608	10.0	2	0.34	2.13	0	0.00	0.00	2	6	12	4907	6	1
i25	0.07	5730	9.5	1	0.69	29.92	1	0.17	-128.76	0	5	9	4907	4	0
i25	0.00	0	0.0	2	0.18	53.16	2	0.76	-66.92	0	9	24	4907	15	0
i25	0.20	11489	9.7	1	0.24	5.63	1	0.51	-7.76	0	8	18	4907	10	1
i25	0.17	11489	9.7	2	0.13	2.34	1	0.48	-7.76	1	8	20	4907	12	0
i25	0.00	0	0.0	1	0.22	2.45	0	0.00	0.00	0	17	33	4907	16	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	42	66	9814	24	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	1	40	54	9814	14	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	52	78	9814	26	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	4	69	97	9814	28	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.30	5730	15.7	0	0.00	0.00	1	0.61	-4.59	0	55	88	9814	33	1
i25	0.72	5728	38.0	1	0.34	5.10	1	0.02	-2.01	0	22	36	9814	14	2
i25	0.29	7637	20.2	2	0.35	3.11	2	0.30	-1.16	2	59	119	9814	60	2
i25	0.22	7637	20.2	1	0.11	3.36	1	0.42	-4.54	0	24	54	6269	30	1
i25	1.96	11453	17.3	1	0.17	2.61	1	0.02	-1.63	0	47	109	6269	62	3
i25	0.27	2546	32.1	2	0.23	1.74	2	0.34	-2.54	1	352	626	6269	274	1
i25	0.50	2346	32.2	4	0.29	1.95	2	0.19	-2.70	1	382	703	16492	321	2
i25	0.35	8590	5.7	4	0.24	1.87	2	0.21	-3.36	3	90	258	10359	168	2
i25	0.00	0	0.0	5	0.33	2.02	3	0.20	-1.65	3	87	326	32597	239	1
i25	0.48	3902	22.8	1	0.13	3.49	3	0.53	-4.18	3	113	235	7331	122	2
i25	0.00	0	0.0	1	0.19	3.80	2	0.39	-3.70	0	36	104	4317	68	0
i25	0.00	0	0.0	2	0.19	1.42	2	0.20	-1.21	1	69	172	4317	103	0
i25	0.00	0	0.0	2	0.30	1.34	2	0.16	-1.36	0	74	116	3307	42	0
i25	0.00	0	0.0	1	0.13	1.58	1	0.18	-2.34	0	108	156	3307	48	0
i25	0.00	0	0.0	1	0.02	1.58	1	0.45	-5.20	0	114	160	3307	46	0
i25	0.16	5730	8.3	1	0.19	3.31	0	0.00	0.00	1	78	116	3307	38	1
i25	0.00	0	0.0	1	0.11	0.48	0	0.00	0.00	0	70	94	3307	24	0
i25	0.00	0	0.0	0	0.00	0.00	1	0.19	-0.64	1	90	145	3307	55	0
i25	0.00	0	0.0	1	0.19	0.54	0	0.00	0.00	0	66	94	2772	28	0
i25	0.00	0	0.0	0	0.00	0.00	1	0.19	-0.41	0	104	147	2772	43	0
i25	0.00	0	0.0	1	0.19	0.23	0	0.00	0.00	0	66	94	2772	28	0
i25	0.00	0	0.0	1	0.19	1.48	1	0.23	-1.75	0	74	95	2772	21	0
i25	0.00	0	0.0	1	0.23	1.52	0	0.00	0.00	0	65	95	2772	30	0
i25	0.00	0	0.0	0	0.00	0.00	1	0.19	-1.98	0	87	117	2772	30	0
i25	0.00	0	0.0	2	0.32	1.33	1	0.38	-1.42	0	54	82	2772	28	0
i25	0.00	0	0.0	2	0.25	1.85	1	0.19	-0.37	0	69	89	2772	20	0
i25	0.10	5730	5.5	1	0.16	2.33	1	0.42	-4.33	1	60	78	2772	18	1
i25	0.20	11459	5.4	1	0.03	2.33	1	0.42	-4.71	0	26	38	2772	12	1
i25	0.29	11459	7.7	2	0.42	2.13	0	0.00	0.00	0	23	37	2772	14	1
i25	0.48	4583	34.8	1	0.28	2.31	1	0.20	-3.59	0	19	33	2772	14	1
i25	0.05	4583	34.8	1	0.25	4.36	1	0.19	-1.12	1	14	27	2772	13	1
i25	0.40	11514	10.5	1	0.10	4.36	1	0.53	-4.41	0	17	29	1855	12	1
i25	0.00	0	0.0	1	0.37	5.65	1	0.43	-4.95	0	34	46	1855	12	0
i25	0.78	8608	22.0	1	0.50	4.47	1	0.19	-4.95	0	24	30	1855	6	2
i25	0.76	17221	11.4	1	0.06	0.42	1	0.52	-7.42	0	87	99	1855	12	2
i25	0.34	11491	10.8	1	0.75	3.48	1	0.17	-7.42	0	31	40	1855	9	1
i25	0.23	17209	8.7	1	0.11	2.21	2	0.43	-2.86	0	27	39	1855	12	2
i25	0.34	22927	6.6	1	0.25	2.22	1	0.34	-3.08	0	8	15	1867	7	1
i25	0.00	0	0.0	1	0.19	2.28	1	0.07	-0.98	0	23	38	1867	15	0
i25	0.00	0	0.0	1	0.23	4.31	2	0.41	-4.16	0	19	28	1867	9	0
i25	0.00	0	0.0	1	0.15	4.49	1	0.24	-7.34	0	16	27	1867	11	0
i25	0.34	39862	3.3	0	0.00	0.00	1	0.09	-2.38	0	17	21	1867	4	1
i25	0.10	39862	3.3	1	0.19	3.07	1	0.40	-2.38	0	35	42	1867	7	1
i25	0.00	0	0.0	1	0.19	1.27	1	0.55	-5.94	0	33	43	1867	10	0
i25	0.00	0	0.0	2	0.53	1.75	2	0.12	-4.74	0	11	13	1844	2	0
i25	0.12	53226	3.3	2	0.30	1.89	2	0.32	-3.07	0	7	11	1844	4	1
i25	0.46	53226	3.3	1	0.19	1.87	2	0.23	-1.68	0	10	21	1844	11	1
i25	0.21	11459	5.6	1	0.47	3.39	1	0.26	-4.39	0	25	42	1844	17	1
i25	0.00	0	0.0	1	0.15	0.61	2	0.52	-3.18	0	9	13	1763	4	0
i25	0.20	5730	10.4	2	0.51	1.95	1	0.15	-4.24	0	7	16	1763	9	1
i25	0.78	5730	67.2	1	0.23	5.54	3	0.32	-3.11	0	9	17	1763	8	1
i25	0.68	4297	43.3	0	0.00	0.00	1	0.74	-4.94	0	6	8	1763	2	2
i25	0.35	2865	36.9	1	0.49	4.34	1	0.08	-0.38	0	6	6	1763	0	1
i25	0.00	0	0.0	2	0.27	0.38	2	0.23	-0.29	0	16	19	1763	3	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.73	4583	48.5	0	0.00	0.00	3	0.45	-1.08	0	15	21	1763	6	1
i25	0.00	0	0.0	2	0.15	1.20	0	0.00	0.00	0	2	2	1763	0	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	0	1	1742	1	0
i25	0.00	0	0.0	1	0.08	0.56	0	0.00	0.00	0	0	0	1742	0	0
i25	0.29	11459	7.8	0	0.00	0.00	1	0.08	-0.98	1	0	0	1742	0	1
i25	0.00	0	0.0	0	0.00	0.00	1	0.11	-1.26	0	0	0	1742	0	0
i25	0.10	11459	2.7	0	0.00	0.00	1	0.04	-0.56	0	0	0	1742	0	1
i25	0.00	0	0.0	1	0.08	1.12	1	0.01	-0.25	1	0	0	1742	0	0
i25	0.00	0	0.0	1	0.04	0.32	1	0.03	-0.25	0	0	0	1742	0	0
i25	0.04	11406	1.1	0	0.00	0.00	1	0.03	-1.42	2	0	0	1742	0	1
i25	0.00	0	0.0	1	0.05	2.36	1	0.13	-1.42	1	0	0	1742	0	0
i25	0.58	5730	31.3	1	0.10	2.36	1	0.30	-3.54	0	0	0	1742	0	1
i25	0.17	6685	23.6	1	0.27	5.99	1	0.13	-4.52	0	0	0	1742	0	2
i25	0.25	7639	15.9	1	0.15	3.42	2	0.34	-2.96	0	0	0	1695	0	1
i25	0.00	0	0.0	1	0.11	0.50	0	0.00	0.00	0	1	1	1695	0	0
i25	0.00	0	0.0	2	0.20	1.54	1	0.15	-2.14	0	0	0	1695	0	0
i25	0.75	5730	51.0	1	0.11	1.27	1	0.15	-2.41	0	0	0	1682	0	1
i25	0.22	5730	51.0	1	0.15	0.03	1	0.19	-1.30	0	0	0	1682	0	1
i25	0.00	0	0.0	1	0.15	1.15	0	0.00	0.00	0	0	0	1682	0	0
i25	0.53	5730	32.7	1	0.26	4.17	1	0.23	-1.34	2	0	0	1682	0	1
i25	0.12	8594	25.7	2	0.20	2.52	1	0.23	-1.34	0	0	0	1682	0	2
i25	0.68	11459	18.8	1	0.09	1.77	1	0.15	-5.24	0	0	0	1649	0	1
i25	0.00	0	0.0	1	0.15	1.16	1	0.31	-5.24	1	0	1	1649	1	0
i25	0.48	5730	25.3	1	0.11	1.08	0	0.00	0.00	0	0	0	1649	0	1
i25	0.45	5730	24.0	1	0.05	5.15	1	0.34	-2.57	0	0	0	1649	0	1
i25	0.52	11459	13.8	1	0.33	5.15	2	0.30	-1.12	0	0	0	1649	0	1
i25	0.93	11459	29.0	1	0.11	1.04	3	0.61	-1.48	0	1	2	1649	1	0
i25	0.17	11459	29.0	1	0.38	1.78	1	0.30	-1.24	0	0	0	1649	0	1
i25	0.17	5730	8.8	1	0.08	0.61	0	0.00	0.00	0	0	0	1649	0	0
i25	0.00	0	0.0	1	0.23	2.02	1	0.11	-1.42	0	0	0	1649	0	0
i25	0.00	0	0.0	1	0.08	0.74	2	0.19	-0.75	0	0	0	1649	0	0
i25	0.00	0	0.0	1	0.11	1.70	1	0.23	-1.74	0	0	0	1649	0	0
i25	0.00	0	0.0	1	0.11	2.16	1	0.61	-6.81	0	0	0	1593	0	0
i25	0.00	0	0.0	1	0.11	2.26	1	0.08	-0.43	1	0	0	1593	0	1
i25	0.23	5730	12.2	1	0.11	2.64	1	0.23	-0.83	0	0	0	1593	0	1
i25	0.00	0	0.0	0	0.00	0.00	1	0.06	-2.39	0	0	0	1593	0	0
i25	0.00	0	0.0	1	0.11	2.06	1	0.21	-2.39	0	0	0	1593	0	0
i25	0.00	0	0.0	1	0.02	0.46	1	0.08	-0.56	0	0	0	1593	0	0
i25	0.00	0	0.0	1	0.02	0.19	0	0.00	0.00	2	0	0	1593	0	1
i25	0.00	0	0.0	1	0.04	0.30	0	0.00	0.00	0	0	0	1593	0	0
i25	0.09	5730	10.8	2	0.19	1.98	1	0.34	-3.98	0	0	0	1593	0	0
i25	0.11	5730	10.8	1	0.15	0.50	0	0.00	0.00	0	0	0	1593	0	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	0	0	1593	0	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	0	0	1593	0	0
i25	0.20	11455	15.6	0	0.00	0.00	1	0.11	-3.11	0	0	0	1593	0	1
i25	0.39	11455	15.6	1	0.34	5.59	1	0.31	-3.11	0	0	0	1593	0	1
i25	0.00	0	0.0	2	0.15	1.21	2	0.38	-1.90	0	1	1	1593	0	0
i25	0.00	0	0.0	1	0.04	0.38	0	0.00	0.00	0	0	0	1484	0	0
i25	0.02	5730	13.6	1	0.08	0.76	1	0.38	-4.19	0	0	0	1484	0	1
i25	0.24	5730	13.6	2	0.22	1.99	0	0.00	0.00	0	0	0	1484	0	1
i25	0.00	0	0.0	2	0.07	0.99	2	0.42	-1.50	1	0	0	1484	0	0
i25	0.00	0	0.0	2	0.08	1.48	1	0.30	-2.65	0	0	0	1484	0	0
i25	0.00	0	0.0	1	0.08	0.94	1	0.29	-3.10	0	0	0	1484	0	0
i25	0.00	0	0.0	1	0.19	3.08	1	0.05	-3.10	0	0	0	1484	0	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.00	0	0.0	1	0.08	1.22	0	0.00	0.00	0	0	0	1484	0	0
i25	0.00	0	0.0	1	0.11	1.56	1	0.32	-2.94	0	0	0	1484	0	0
i25	0.24	5730	18.5	1	0.08	0.60	2	0.14	-2.83	0	0	0	1484	0	1
i25	0.30	5730	14.2	1	0.38	5.08	2	0.35	-4.69	0	0	0	1484	0	2
i25	0.30	5730	18.9	1	0.08	1.90	2	0.58	-4.59	0	0	0	1569	0	1
i25	0.06	5730	18.9	1	0.21	3.50	1	0.23	-2.53	0	0	0	1569	0	1
i25	0.20	5730	10.3	2	0.11	0.73	1	0.23	-2.18	0	1	1	1569	0	1
i25	0.41	114749	1.1	2	0.08	0.45	1	0.08	-0.56	0	0	0	1569	0	1
i25	0.21	5730	11.2	3	0.38	2.27	2	0.28	-4.21	0	0	0	1569	0	1
i25	0.56	17178	7.0	1	0.13	2.47	2	0.65	-4.27	0	0	0	1569	0	2
i25	0.31	11453	9.3	1	0.17	2.29	2	0.11	-1.67	0	1	1	1569	0	2
i25	0.19	11443	5.2	5	0.42	1.97	2	0.57	-3.20	0	0	0	1386	0	2
i25	0.00	0	0.0	1	0.09	2.45	1	0.25	-2.76	0	3	4	10452	1	0
i25	0.45	11454	11.9	3	0.30	0.95	0	0.00	0.00	19	596	769	10452	173	1
i25	0.30	11459	8.0	2	0.12	1.49	2	0.05	-0.25	22	263	360	10452	97	1
i25	0.25	11459	6.6	1	0.15	3.39	2	0.60	-4.54	12	158	242	20426	84	0
i25	0.70	4552	29.4	1	0.11	1.30	2	0.33	-2.58	7	197	264	20426	67	3
i25	0.11	5727	19.9	1	0.15	1.53	0	0.00	0.00	121	436	583	20426	147	2
i25	0.96	11459	40.7	1	0.08	0.16	2	0.19	-0.64	31	1136	1315	20426	179	1
i25	0.58	11459	40.7	1	0.11	0.47	1	0.21	-1.43	1245	243	549	20426	306	1
i25	0.00	0	0.0	1	0.30	4.07	0	0.00	0.00	43	482	546	11822	64	0
i25	0.58	4100	38.2	2	0.33	2.28	2	0.28	-4.28	18	428	550	10833	122	2
i25	0.40	5700	33.3	2	0.15	4.85	3	0.33	-2.48	38	443	540	9604	97	1
i25	0.32	11459	8.4	2	0.24	4.00	4	0.30	-1.66	23	448	559	10655	111	1
i25	0.42	4427	15.4	0	0.00	0.00	2	0.25	-1.35	4	90	160	11182	70	2
i25	0.29	11459	7.6	2	0.34	2.55	3	0.26	-1.71	13	51	130	7815	79	1
i25	0.00	0	0.0	1	0.17	1.80	2	0.20	-1.00	7	61	92	5486	31	0
i25	0.00	0	0.0	1	0.21	2.69	1	0.29	-6.42	4	8	17	5486	9	0
i25	0.00	0	0.0	2	0.40	4.41	3	0.35	-3.65	4	18	32	5486	14	0
i25	0.00	0	0.0	1	0.11	1.63	1	0.36	-5.55	4	20	39	4971	19	0
i25	0.53	11455	14.0	1	0.45	4.82	1	0.11	-2.80	5	8	23	3916	15	1
i25	0.00	0	0.0	2	0.34	1.75	1	0.19	-2.80	0	14	28	3916	14	0
i25	0.00	0	0.0	1	0.38	3.90	2	0.59	-4.16	1	25	40	3916	15	0
i25	0.00	0	0.0	1	0.27	3.04	2	0.39	-2.97	4	55	73	3916	18	0
i25	0.00	0	0.0	1	0.30	1.57	1	0.15	-1.62	1	42	52	3734	10	0
i25	0.00	0	0.0	2	0.49	3.48	2	0.34	-2.11	5	25	34	3734	9	0
i25	0.24	11453	10.0	1	0.04	0.01	1	0.23	-3.89	1	39	45	3734	6	1
i25	0.14	11453	10.0	1	0.15	1.33	0	0.00	0.00	1	17	30	3734	13	1
i25	0.00	0	0.0	1	0.08	0.80	1	0.27	-2.35	4	67	91	3723	24	0
i25	0.12	11442	3.3	1	0.30	2.42	1	0.30	-3.64	4	34	47	3723	13	1
i25	0.12	11442	3.3	1	0.19	2.15	1	0.00	-1.88	2	27	33	3723	6	1
i25	0.00	0	0.0	0	0.00	0.00	2	0.42	-1.81	0	24	31	3723	7	0
i25	0.00	0	0.0	1	0.08	1.27	1	0.00	-1.28	3	31	48	3699	17	0
i25	0.34	11538	18.2	1	0.08	1.81	1	0.07	-1.28	3	77	94	3699	17	1
i25	0.36	11538	18.2	2	0.19	1.51	2	0.34	-1.54	0	25	29	3699	4	1
i25	0.00	0	0.0	2	0.23	2.27	0	0.00	0.00	3	34	40	3699	6	0
i25	0.71	11384	19.0	1	0.04	0.33	1	0.64	-5.26	1	28	35	3699	7	1
i25	0.00	0	0.0	2	0.27	2.58	1	0.04	-0.88	0	17	23	3686	6	0
i25	0.00	0	0.0	1	0.08	1.69	1	0.30	-3.27	0	49	67	3686	18	0
i25	0.56	11387	22.2	1	0.08	1.01	2	0.32	-2.38	2	20	28	3686	8	1
i25	0.32	11388	13.1	1	0.19	3.41	2	0.30	-2.68	3	25	40	3686	15	2
i25	0.12	11417	4.1	1	0.08	0.66	2	0.10	-1.48	3	26	30	3686	4	2
i25	0.14	11445	4.1	1	0.34	5.91	2	0.30	-2.30	3	38	44	7262	6	1
i25	0.00	0	0.0	1	0.32	4.62	1	0.27	-2.93	3	26	32	7262	6	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.00	0	0.0	0	0.00	0.00	1	0.34	-4.25	1	6	10	7262	4	0
i25	0.00	0	0.0	2	0.42	2.94	1	0.15	-1.94	6	6	10	7262	4	0
i25	0.00	0	0.0	1	0.01	5.89	2	0.34	-1.63	0	8	9	7262	1	0
i25	0.00	0	0.0	1	0.39	5.89	2	0.40	-2.91	1	8	11	7262	3	0
i25	0.00	0	0.0	2	0.38	3.52	3	0.35	-4.20	1	9	11	7262	2	0
i25	0.08	17189	1.5	1	0.23	2.90	1	0.41	-6.32	0	0	1	7262	1	1
i25	0.00	0	0.0	2	0.27	0.48	1	0.15	-0.83	0	10	16	3572	6	0
i25	0.13	11443	3.5	1	0.11	2.29	2	0.53	-2.20	1	13	23	3572	10	1
i25	0.35	2865	37.5	2	0.30	1.69	2	0.44	-1.78	1	13	18	3572	5	1
i25	0.66	4297	26.9	1	0.13	2.18	2	0.50	-2.19	4	27	36	3572	9	2
i25	0.47	7639	28.8	2	0.27	2.06	3	0.19	-1.29	1	6	13	3572	7	1
i25	0.25	7639	28.8	1	0.11	3.91	2	0.34	-1.19	2	9	16	3572	7	1
i25	0.67	2600	86.6	2	0.15	2.95	1	0.34	-2.69	2	14	27	3572	13	1
i25	0.38	3592	59.0	0	0.00	0.00	1	0.38	-3.72	2	12	18	3309	6	2
i25	0.45	5157	40.2	2	0.14	1.45	0	0.00	0.00	0	12	16	3309	4	2
i25	0.65	5730	49.2	2	0.07	1.04	1	0.30	-1.83	4	36	40	3309	4	1
i25	0.48	5156	17.8	2	0.09	0.61	0	0.00	0.00	2	17	26	3427	9	2
i25	0.13	5730	19.1	1	0.09	2.43	0	0.00	0.00	5	25	29	3427	4	1
i25	0.30	11452	8.0	2	0.21	2.02	1	0.23	-4.15	0	26	39	3427	13	1
i25	0.00	0	0.0	2	0.12	1.71	1	0.15	-2.06	2	43	53	3427	10	0
i25	0.00	0	0.0	2	0.15	1.85	1	0.08	-0.93	1	43	56	3427	13	0
i25	0.00	0	0.0	2	0.15	2.19	1	0.15	-3.17	1	59	66	3427	7	0
i25	0.50	5730	26.8	2	0.15	2.00	1	0.15	-2.81	0	62	79	3427	17	1
i25	0.33	5730	25.7	0	0.00	0.00	1	0.08	-0.50	1	43	66	3427	23	2
i25	0.14	5730	24.7	1	0.30	6.00	2	0.27	-3.03	6	43	71	3458	28	1
i25	0.29	5730	15.5	1	0.11	1.66	2	0.30	-3.83	1	34	41	3458	7	1
i25	0.37	5730	19.6	1	0.15	2.93	1	0.08	-0.84	2	50	59	3458	9	1
i25	0.00	0	0.0	1	0.11	1.65	0	0.00	0.00	1	70	90	3465	20	0
i25	0.37	4583	24.7	0	0.00	0.00	0	0.00	0.00	4	52	76	3465	24	1
i25	0.15	11459	10.7	1	0.11	1.22	1	0.30	-3.42	8	93	128	3515	35	1
i25	0.25	11459	10.7	1	0.15	1.73	0	0.00	0.00	0	80	117	3515	37	1
i25	0.00	0	0.0	0	0.00	0.00	1	0.15	-0.71	5	127	152	3515	25	0
i25	0.16	5730	10.0	0	0.00	0.00	1	0.11	-0.81	7	114	150	3653	36	2
i25	0.26	5730	13.7	1	0.08	0.70	1	0.04	-1.04	9	125	141	3653	16	2
i25	0.25	5730	15.2	2	0.21	0.65	1	0.11	-1.04	3	202	246	3653	44	1
i25	0.30	5730	15.7	2	0.13	0.64	1	0.11	-1.11	5	155	200	3653	45	1
i25	0.00	0	0.0	2	0.20	0.84	1	0.15	-1.82	9	135	181	3653	46	0
i25	0.00	0	0.0	2	0.25	1.95	1	0.45	-2.00	15	102	158	2297	56	0
i25	0.47	5730	39.4	0	0.00	0.00	2	0.34	-1.18	13	112	151	3429	39	1
i25	0.27	5730	39.4	2	0.28	2.60	1	0.44	-3.89	15	102	155	3734	53	1
i25	0.57	6683	15.5	1	0.15	0.75	2	0.21	-0.46	6	42	48	3734	6	2
i25	0.12	7637	16.3	1	0.05	5.94	2	0.25	-1.34	7	86	103	3734	17	1
i25	0.42	5730	21.9	1	0.40	5.94	1	0.01	-2.39	6	120	143	3734	23	1
i25	0.45	3820	35.6	0	0.00	0.00	2	0.43	-2.28	1	52	72	3686	20	1
i25	0.19	5730	10.3	2	0.17	1.05	1	0.08	-0.84	4	9	19	3686	10	1
i25	0.00	0	0.0	1	0.15	3.36	1	0.06	-3.17	4	19	27	3686	8	0
i25	0.00	0	0.0	2	0.27	2.19	3	0.48	-2.36	5	22	36	3665	14	0
i25	0.28	5730	15.0	1	0.08	1.23	1	0.12	-1.56	4	17	21	3665	4	1
i25	0.00	0	0.0	1	0.08	0.27	1	0.19	-1.74	0	16	21	3665	5	0
i25	0.00	0	0.0	1	0.08	4.25	2	0.35	-2.71	1	26	35	3665	9	1
i25	0.00	0	0.0	1	0.15	4.09	2	0.32	-3.53	4	32	52	3665	20	2
i25	0.00	0	0.0	1	0.11	0.79	1	0.26	-3.42	10	12	27	3734	15	1
i25	0.00	0	0.0	2	0.13	2.30	2	0.34	-2.92	4	1	5	3734	4	0
i25	0.04	3820	39.8	2	0.33	3.23	1	0.19	-3.18	4	6	13	3686	7	1

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.81	4775	29.0	2	0.40	2.74	1	0.34	-4.84	1	3	8	3686	5	2
i25	0.00	0	0.0	1	0.02	2.14	1	0.11	-1.21	1	9	22	3686	13	0
i25	0.11	11459	3.0	1	0.15	2.74	2	0.26	-2.50	0	18	30	3686	12	1
i25	0.10	11437	2.5	0	0.00	0.00	1	0.09	-3.80	4	4	6	3686	2	1
i25	0.13	1331	29.8	1	0.17	18.44	1	0.09	-17.37	0	4	7	3686	3	1
i25	0.36	3242	34.0	2	0.28	2.55	2	0.20	-2.56	2	23	37	3676	14	1
i25	0.34	5761	18.0	0	0.00	0.00	2	0.63	-3.72	0	14	15	3676	1	1
i25	0.62	5247	9.3	1	0.27	5.83	2	0.43	-4.01	2	23	26	3676	3	3
i25	0.01	3785	12.7	1	0.17	4.01	1	0.11	-0.09	0	52	56	3676	4	1
i25	0.00	0	0.0	2	0.31	1.97	1	0.40	-5.57	5	43	56	3735	13	0
i25	0.28	11459	7.4	1	0.01	2.70	0	0.00	0.00	2	60	77	3735	17	1
i25	0.12	11478	3.1	0	0.00	0.00	0	0.00	0.00	0	43	51	3735	8	1
i25	0.14	11475	3.6	0	0.00	0.00	1	0.16	-17.02	0	49	54	3735	5	1
i25	0.26	4584	19.7	2	0.45	9.64	1	0.09	-17.02	2	72	94	3735	22	1
i25	0.54	4583	26.4	0	0.00	0.00	1	0.53	-6.37	6	58	82	3735	24	2
i25	0.01	11459	4.5	2	0.34	3.32	2	0.27	-4.18	3	29	47	3735	18	1
i25	0.60	8594	17.6	1	0.15	0.19	2	0.42	-1.78	1	24	45	3893	21	2
i25	0.14	5730	30.8	2	0.34	1.29	0	0.00	0.00	3	25	34	3893	9	1
i25	0.08	5730	17.6	2	0.26	1.45	1	0.30	-2.91	3	26	31	3893	5	1
i25	0.60	5156	22.4	2	0.39	2.82	2	0.39	-2.83	2	18	24	3893	6	2
i25	0.30	6111	18.4	1	0.19	2.52	1	0.26	-4.70	1	23	25	3893	2	2
i25	0.51	11455	13.4	1	0.22	2.39	1	0.15	-1.41	0	25	44	3893	19	1
i25	0.00	0	0.0	2	0.20	2.15	1	0.34	-7.62	0	17	30	3893	13	0
i25	0.57	11455	15.1	1	0.23	2.99	1	0.34	-7.62	1	14	21	3893	7	1
i25	0.12	5730	9.0	2	0.24	1.36	1	0.15	-1.49	0	14	22	3893	8	1
i25	0.05	5730	9.0	2	0.20	2.26	0	0.00	0.00	1	13	21	3893	8	1
i25	0.00	0	0.0	1	0.09	3.27	1	0.70	-7.69	0	18	34	3893	16	0
i25	0.50	5730	26.3	1	0.49	7.50	2	0.28	-5.16	1	8	20	3893	12	1
i25	0.09	4584	29.6	1	0.15	2.00	1	0.61	-6.86	1	25	35	3893	10	1
i25	0.36	4584	29.6	2	0.61	3.75	1	0.14	-2.85	2	33	45	3893	12	1
i25	0.27	5730	14.1	1	0.19	1.60	2	0.43	-3.05	2	39	65	3893	26	1
i25	0.44	5730	23.3	1	0.19	4.55	0	0.00	0.00	14	83	114	4363	31	1
i25	0.00	0	0.0	0	0.00	0.00	1	0.34	-4.10	3	42	67	4363	25	0
i25	0.00	0	0.0	1	0.08	2.21	1	0.08	-0.83	1	14	27	4363	13	0
i25	0.25	22918	3.4	1	0.02	1.88	0	0.00	0.00	35	44	74	4363	30	1
i25	0.46	5730	24.6	1	0.06	1.88	2	0.19	-1.21	4	9	17	4363	8	1
i25	0.00	0	0.0	2	0.21	2.88	1	0.27	-3.32	3	25	34	4363	9	0
i25	0.09	11459	13.7	1	0.09	3.74	1	0.42	-5.61	2	37	65	4363	28	1
i25	0.43	11459	13.7	2	0.19	0.71	0	0.00	0.00	3	22	37	4363	15	1
i25	0.13	7639	37.2	3	0.15	0.46	3	0.32	-0.99	7	67	107	4363	40	1
i25	0.81	7639	37.2	1	0.11	2.75	1	0.02	-1.52	52	62	116	3653	54	1
i25	0.24	4584	43.2	1	0.15	2.24	1	0.28	-2.67	3	47	62	3653	15	1
i25	0.57	3569	47.4	1	0.15	1.72	1	0.05	-0.77	5	58	95	3653	37	2
i25	0.82	2612	66.9	2	0.20	2.59	2	0.22	-1.09	2	57	93	3653	36	2
i25	0.74	2972	67.0	1	0.06	2.58	1	0.53	-6.06	3	42	65	3653	23	2
i25	0.13	3547	55.9	2	0.36	3.54	2	0.38	-2.42	29	29	88	4489	59	2
i25	0.64	3819	60.0	0	0.00	0.00	0	0.00	0.00	0	25	39	4489	14	1
i25	0.00	0	0.0	1	0.15	0.34	0	0.00	0.00	3	22	40	4489	18	0
i25	0.00	0	0.0	2	0.15	0.64	1	0.08	-0.53	0	12	35	4489	23	0
i25	0.03	3819	17.2	1	0.19	2.20	0	0.00	0.00	0	21	38	4489	17	1
i25	0.19	3819	17.2	1	0.08	0.98	1	0.38	-5.51	2	19	30	4489	11	1
i25	0.09	5730	21.4	1	0.38	7.06	1	0.13	-1.95	3	21	45	4603	24	1
i25	0.31	5730	21.4	0	0.00	0.00	2	0.38	-3.26	1	39	61	4603	22	1
i25	0.00	0	0.0	1	0.08	2.67	0	0.00	0.00	1	47	74	4603	27	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.17	5730	9.2	1	0.08	0.04	0	0.00	0.00	3	87	132	4603	45	1
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	3	58	87	4603	29	0
i25	0.58	13745	12.8	0	0.00	0.00	0	0.00	0.00	1	54	76	4616	22	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	14	61	82	4616	21	1
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	1	92	128	4616	36	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	1	106	170	4569	64	0
i25	0.32	3818	30.6	1	0.23	0.58	0	0.00	0.00	5	83	112	4569	29	1
i25	0.06	3818	30.6	0	0.00	0.00	3	0.53	-0.95	4	36	62	4569	26	1
i25	0.32	5726	16.7	2	0.07	0.51	1	0.19	-2.25	2	41	64	4569	23	1
i25	0.00	0	0.0	1	0.03	2.38	1	0.03	-0.45	5	66	84	4569	18	0
i25	0.00	0	0.0	1	0.04	3.30	1	0.27	-4.81	3	98	135	4569	37	0
i25	0.00	0	0.0	1	0.19	3.30	1	0.15	-1.31	1	56	96	4523	40	0
i25	0.17	4584	11.1	2	0.34	2.79	1	0.11	-1.26	0	20	26	4523	6	1
i25	0.04	5730	21.1	1	0.19	4.89	3	0.51	-3.76	0	28	47	4523	19	0
i25	0.36	5730	21.1	1	0.11	3.12	1	0.43	-6.07	0	19	29	4523	10	1
i25	0.00	0	0.0	2	0.23	2.43	1	0.08	-0.72	2	16	29	4523	13	0
i25	0.00	0	0.0	1	0.26	3.14	1	0.23	-2.79	5	12	40	4935	28	1
i25	0.36	3938	29.2	2	0.25	2.64	2	0.33	-3.68	4	5	12	4935	7	0
i25	0.26	7716	17.9	0	0.00	0.00	1	0.47	-4.29	0	4	13	4935	9	2
i25	0.40	11487	10.4	1	0.12	1.25	1	0.26	-3.12	1	4	9	4935	5	1
i25	0.18	5730	9.5	2	0.22	2.11	1	0.21	-3.12	0	5	13	4935	8	2
i25	0.00	0	0.0	2	0.09	1.46	1	0.57	-6.01	1	17	34	4935	17	1
i25	0.00	0	0.0	2	0.35	3.71	2	0.56	-5.37	1	12	18	4935	6	0
i25	0.37	11489	9.7	2	0.40	2.61	1	0.23	-4.73	2	16	30	4935	14	1
i25	0.00	0	0.0	0	0.00	0.00	1	0.10	-3.68	0	8	12	4935	4	1
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	14	21	4935	7	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	1	14	33	9870	19	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	3	123	182	9870	59	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	7	149	194	9870	45	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	8	146	191	9870	45	0
i25	0.23	5730	15.7	1	0.04	2.42	2	0.63	-3.19	7	112	146	9870	34	1
i25	0.79	5729	26.8	2	0.38	3.28	2	0.30	-1.76	11	72	97	9870	25	1
i25	0.08	6682	29.1	3	0.59	2.98	1	0.21	-2.16	9	45	62	9870	17	1
i25	0.43	7637	20.2	1	0.12	2.72	1	0.45	-4.82	26	104	195	5690	91	1
i25	1.96	11453	17.3	2	0.14	1.59	2	0.19	-1.05	16	30	57	5690	27	3
i25	0.27	2546	32.1	1	0.15	2.60	2	0.34	-2.17	13	27	74	5690	47	1
i25	0.50	2035	36.9	4	0.29	2.01	2	0.19	-2.70	45	189	305	16450	116	2
i25	0.35	8590	5.7	4	0.24	1.88	2	0.21	-3.38	34	224	522	10519	298	2
i25	0.07	4586	4.9	4	0.34	2.43	3	0.20	-1.64	18	163	307	20237	144	0
i25	0.40	2718	32.6	2	0.15	1.99	3	0.53	-4.22	25	64	197	7267	133	3
i25	0.00	0	0.0	1	0.19	3.80	2	0.39	-3.76	32	61	146	4730	85	0
i25	0.00	0	0.0	2	0.19	1.42	2	0.20	-1.21	5	79	134	4730	55	0
i25	0.00	0	0.0	2	0.30	1.34	2	0.17	-1.36	10	44	95	3374	51	0
i25	0.00	0	0.0	1	0.13	1.58	1	0.18	-2.34	4	27	41	3374	14	0
i25	0.00	0	0.0	1	0.02	1.58	1	0.45	-5.21	20	33	49	3374	16	0
i25	0.16	5730	8.3	1	0.19	3.32	0	0.00	0.00	5	44	56	3374	12	1
i25	0.00	0	0.0	1	0.11	0.48	0	0.00	0.00	9	58	75	3374	17	0
i25	0.00	0	0.0	0	0.00	0.00	1	0.19	-0.64	4	43	50	3374	7	0
i25	0.00	0	0.0	1	0.19	0.54	0	0.00	0.00	6	39	61	2943	22	0
i25	0.00	0	0.0	0	0.00	0.00	1	0.19	-0.29	9	36	48	2943	12	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	3	30	42	2943	12	0
i25	0.00	0	0.0	1	0.19	1.60	1	0.23	-1.75	8	52	72	2943	20	0
i25	0.00	0	0.0	1	0.23	1.52	0	0.00	0.00	6	33	39	2943	6	0
i25	0.00	0	0.0	1	0.19	1.13	1	0.19	-2.29	6	28	38	2943	10	0

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.00	0	0.0	2	0.51	1.13	1	0.38	-0.89	9	57	69	2943	12	0
i25	0.00	0	0.0	2	0.25	1.53	0	0.00	0.00	3	32	41	2943	9	0
i25	0.10	5730	5.5	1	0.19	2.33	1	0.40	-4.35	3	48	68	2943	20	1
i25	0.20	11459	5.4	0	0.00	0.00	1	0.42	-4.70	2	36	48	2943	12	1
i25	0.29	11459	7.7	2	0.42	2.13	0	0.00	0.00	8	40	48	2943	8	1
i25	0.48	4583	34.8	1	0.28	2.34	1	0.20	-3.62	15	100	134	2943	34	1
i25	0.05	4583	34.8	1	0.25	4.19	1	0.19	-1.12	0	43	59	2943	16	1
i25	0.40	11394	10.5	1	0.10	4.19	1	0.38	-4.19	4	20	31	1902	11	1
i25	0.00	0	0.0	1	0.38	5.41	1	0.28	-5.71	0	10	16	1902	6	0
i25	0.77	8580	22.0	2	0.58	3.10	1	0.18	-5.71	1	18	21	1902	3	2
i25	0.76	17168	11.4	1	0.18	1.16	1	0.54	-7.76	0	10	15	1902	5	2
i25	0.34	11433	10.8	1	0.76	3.47	1	0.14	-7.76	2	16	28	1902	12	1
i25	0.34	17184	8.7	1	0.30	3.04	2	0.49	-3.26	1	25	37	1902	12	2
i25	0.23	22936	6.6	1	0.19	2.22	1	0.31	-3.47	3	32	42	1763	10	1
i25	0.00	0	0.0	1	0.19	2.25	1	0.05	-1.01	1	22	30	1763	8	0
i25	0.00	0	0.0	1	0.23	4.34	2	0.44	-4.17	1	29	42	1763	13	0
i25	0.00	0	0.0	1	0.15	4.49	1	0.23	-7.34	1	13	17	1763	4	0
i25	0.31	39862	3.3	0	0.00	0.00	1	0.07	-2.39	1	33	34	1763	1	1
i25	0.12	39862	3.3	1	0.19	3.17	1	0.34	-2.39	0	13	16	1763	3	1
i25	0.00	0	0.0	1	0.19	1.11	1	0.54	-5.97	2	16	23	1763	7	0
i25	0.00	0	0.0	2	0.57	2.05	2	0.09	-4.21	1	15	19	1889	4	0
i25	0.12	53226	3.3	1	0.19	3.61	3	0.54	-2.16	0	20	22	1889	2	1
i25	0.46	53226	3.3	1	0.19	1.95	2	0.20	-1.80	1	20	27	1889	7	1
i25	0.21	11459	5.6	1	0.47	3.46	1	0.19	-4.38	0	18	25	1889	7	1
i25	0.00	0	0.0	1	0.15	0.81	2	0.45	-3.41	1	26	33	1855	7	0
i25	0.20	5730	10.4	2	0.51	2.08	1	0.15	-4.26	0	22	30	1855	8	1
i25	0.78	5730	67.2	1	0.23	5.04	2	0.30	-4.41	0	18	19	1855	1	1
i25	0.68	4297	43.3	0	0.00	0.00	1	0.74	-4.57	7	31	40	1855	9	2
i25	0.35	2865	36.9	1	0.49	4.34	1	0.08	-0.67	0	12	17	1855	5	1
i25	0.00	0	0.0	1	0.15	0.71	1	0.11	-0.67	0	9	13	1855	4	0
i25	0.73	4583	48.5	0	0.00	0.00	2	0.53	-1.52	1	14	20	1855	6	1
i25	0.00	0	0.0	2	0.15	1.15	0	0.00	0.00	0	2	4	1855	2	0
i25	0.00	0	0.0	0	0.00	0.00	0	0.00	0.00	0	1	1	1855	0	0
i25	0.00	0	0.0	1	0.08	0.68	0	0.00	0.00	0	1	2	1855	1	0
i25	0.29	11459	7.8	0	0.00	0.00	2	0.11	-0.55	0	0	0	1855	0	1
i25	0.00	0	0.0	0	0.00	0.00	1	0.08	-1.07	0	1	1	1855	0	0
i25	0.10	11459	2.7	0	0.00	0.00	1	0.04	-0.69	0	1	1	1855	0	1
i25	0.00	0	0.0	1	0.08	0.99	0	0.00	0.00	0	0	0	1855	0	0
i25	0.00	0	0.0	1	0.04	0.36	1	0.04	-0.26	0	0	1	1855	1	0
i25	0.04	11406	1.1	0	0.00	0.00	0	0.00	0.00	0	0	0	1855	0	1
i25	0.00	0	0.0	1	0.05	2.43	1	0.15	-1.44	0	0	0	1855	0	0
i25	0.58	5730	31.3	1	0.10	2.43	1	0.30	-3.53	0	1	1	1855	0	1
i25	0.17	6685	23.6	1	0.27	5.97	1	0.13	-4.50	0	0	0	1855	0	2
i25	0.25	7639	15.9	1	0.15	3.39	2	0.34	-2.95	0	0	0	1879	0	1
i25	0.00	0	0.0	1	0.11	0.50	0	0.00	0.00	0	0	0	1879	0	0
i25	0.00	0	0.0	2	0.22	1.37	1	0.15	-1.94	0	0	0	1879	0	0
i25	0.76	5730	51.1	1	0.09	0.94	1	0.15	-1.85	0	0	0	1774	0	1
i25	0.20	5730	51.1	0	0.00	0.00	2	0.38	-0.85	0	0	0	1774	0	1
i25	0.00	0	0.0	1	0.15	1.15	0	0.00	0.00	0	0	0	1774	0	0
i25	0.58	5730	32.7	1	0.13	4.10	1	0.23	-1.29	0	0	0	1774	0	1
i25	0.13	8594	25.7	2	0.21	2.48	1	0.23	-1.32	0	0	0	1774	0	2
i25	0.62	11459	18.8	1	0.09	1.78	1	0.11	-5.26	0	0	0	1729	0	1
i25	0.00	0	0.0	1	0.15	1.12	1	0.34	-5.26	0	0	0	1729	0	0
i25	0.48	5730	25.3	2	0.23	0.58	0	0.00	0.00	0	0	0	1729	0	1

I90	Sum of length	Average of RADIUS	Avg of DELTA	No sag	Sum sag length	Avga sag	No crest	Sum crest	Avg a crest	truck	speed	CITATIONSUM	TRAFFIC	Non speed	No horiz
i25	0.45	5730	24.0	1	0.04	5.12	1	0.34	-2.60	0	0	0	1729	0	1
i25	0.52	11459	13.8	2	0.49	2.57	1	0.13	-2.21	0	0	0	1729	0	1
i25	0.00	0	0.0	1	0.11	1.88	3	0.48	-1.92	0	0	0	1729	0	1
i25	0.17	5730	8.8	2	0.47	1.60	1	0.27	-1.13	0	0	0	1729	0	1
i25	0.00	0	0.0	1	0.18	1.56	1	0.30	-1.03	0	0	0	1729	0	1
i25	0.00	0	0.0	1	0.08	0.61	0	0.00	0.00	0	0	0	1729	0	0
i25	0.00	0	0.0	1	0.23	1.92	1	0.11	-1.42	0	0	0	1729	0	0
i25	0.00	0	0.0	2	0.16	1.48	2	0.19	-0.98	0	0	0	1729	0	0
i25	0.00	0	0.0	2	0.18	2.00	1	0.19	-1.91	0	0	0	1672	0	0
i25	0.13	5730	12.2	1	0.07	2.28	1	0.61	-6.78	0	0	0	1672	0	0
i25	0.10	5730	12.2	2	0.12	1.85	1	0.05	-0.36	0	0	0	1672	0	1
i25	0.00	0	0.0	1	0.15	0.49	3	0.26	-1.00	0	0	0	1672	0	0
i25	0.00	0	0.0	1	0.11	2.52	2	0.30	-2.60	0	0	0	1672	0	0
i25	0.00	0	0.0	1	0.11	2.64	0	0.00	0.00	0	0	0	1672	0	0
i25	0.20	5730	10.8	1	0.09	2.05	1	0.27	-2.38	0	0	0	1672	0	0
i25	0.00	0	0.0	1	0.02	2.05	1	0.08	-0.56	0	0	0	1672	0	0
i25	0.00	0	0.0	2	0.04	0.33	0	0.00	0.00	0	0	0	1672	0	1
i25	0.00	0	0.0	1	0.04	0.31	0	0.00	0.00	0	0	0	1672	0	1
i25	0.00	0	0.0	1	0.08	1.77	1	0.34	-4.05	0	0	0	1672	0	0
i25	0.00	0	0.0	2	0.15	1.63	1	0.15	-1.56	0	0	0	1672	0	0
i25	0.33	11455	15.6	2	0.15	1.45	1	0.04	-4.96	0	0	0	1672	0	1
i25	0.26	11455	15.6	1	0.34	5.60	1	0.38	-4.96	0	0	0	1672	0	1
i25	0.00	0	0.0	2	0.15	1.22	2	0.37	-1.90	0	0	0	1672	0	0
i25	0.00	0	0.0	1	0.04	0.39	1	0.01	-0.42	0	0	0	1552	0	0
i25	0.02	5730	13.6	1	0.08	0.76	1	0.38	-4.19	0	0	0	1552	0	1
i25	0.24	5730	13.6	2	0.15	2.13	0	0.00	0.00	0	0	0	1552	0	1
i25	0.00	0	0.0	1	0.07	0.94	2	0.45	-1.63	0	0	0	1552	0	0
i25	0.00	0	0.0	2	0.15	1.35	1	0.28	-2.48	0	0	0	1552	0	0
i25	0.00	0	0.0	1	0.08	1.02	2	0.24	-2.82	0	0	0	1552	0	0
i25	0.00	0	0.0	1	0.19	3.13	1	0.12	-3.16	0	0	0	1552	0	0
i25	0.00	0	0.0	1	0.08	1.11	0	0.00	0.00	0	0	0	1552	0	0
i25	0.00	0	0.0	1	0.11	1.68	1	0.26	-2.94	0	0	0	1552	0	0
i25	0.26	5730	18.5	1	0.08	0.60	2	0.14	-2.83	0	0	0	1552	0	1
i25	0.27	5730	14.2	1	0.38	5.58	2	0.43	-4.94	0	0	0	1552	0	2
i25	0.29	5730	18.9	1	0.08	1.90	2	0.57	-4.85	0	0	0	1637	0	1
i25	0.07	5730	18.9	1	0.21	3.51	1	0.23	-2.54	0	0	0	1637	0	1
i25	0.20	5730	10.3	2	0.11	0.73	1	0.23	-2.18	0	0	0	1637	0	1
i25	0.41	114749	1.1	2	0.08	0.45	1	0.08	-0.55	0	0	0	1637	0	1
i25	0.21	5730	11.2	3	0.38	2.27	2	0.29	-4.21	0	0	0	1637	0	1
i25	0.56	17178	7.0	1	0.13	2.47	2	0.65	-4.27	0	0	0	1637	0	2
i25	0.31	11453	9.3	1	0.17	2.29	2	0.11	-1.63	0	0	0	1637	0	2
i25	0.32	8591	9.9	2	0.21	2.92	3	0.53	-1.71	0	0	0	1444	0	2

Appendix 7.6. Modeling Datasets for Mileage Modeling of Zone 3

truck	total	Speed	nonspeed	citattot	lengthcres	Acrest	lengthsag	asag	radiousavera	deltasum	lengthhri	traffic	AvecreA	AversagA	AVeDelta	sagcrestmile	Noofhoriz	sagtno	crestno	sumvert
0	9	259	90	349	0.19	-6.27	0.38	6.50	1521	53	0.27	1000	-6.27	3.25	53.04	0.57	1	2	1	3
0	9	263	55	318	0.81	-20.31	0.44	6.07	0	0	0.00	7361	-5.08	3.03	0.00	1.25	0	2	4	6
0	4	452	67	519	1.76	-20.31	0.00	0.00	11453	9	0.36	7361	-5.08	0.00	9.45	1.76	1	0	4	4
0	6	221	45	266	0.19	-0.08	0.00	0.00	5729	44	0.53	7361	-0.08	0.00	21.84	0.19	2	0	1	1
1	4	355	38	393	0.13	-10.15	0.38	3.72	3819	29	0.20	7361	-2.54	3.72	29.48	0.51	1	1	4	5
1	10	227	133	360	1.06	-14.94	0.19	2.47	0	0	0.00	7361	-1.49	1.24	0.00	1.25	0	2	10	12
0	6	140	40	180	0.26	-3.91	0.08	1.25	5469	37	0.66	7361	-0.65	1.25	18.73	0.34	2	1	6	7
3	10	140	21	161	0.11	-0.53	0.08	1.13	5730	9	0.16	7361	-0.53	0.56	8.59	0.19	1	2	1	3
0	5	95	21	116	0.23	-1.14	0.21	1.30	4583	36	0.47	7361	-0.57	0.43	17.94	0.44	2	3	2	5
0	7	15	6	21	0.23	-1.43	0.11	0.95	17189	2	0.14	7361	-0.71	0.95	2.41	0.34	1	1	2	3
1	9	20	12	32	0.27	-1.76	0.06	0.63	11439	3	0.11	7361	-0.59	0.63	2.78	0.32	1	1	3	4
2	8	13	3	16	0.70	-5.34	0.36	2.69	1910	22	0.14	1739	-1.07	1.35	22.05	1.06	1	2	5	7
1	6	14	3	17	0.25	-3.63	0.28	2.56	2092	40	0.26	1739	-0.91	0.85	13.32	0.52	3	3	4	7
0	3	27	9	36	0.30	-2.09	0.29	2.08	11425	2	0.06	1739	-1.04	1.04	1.67	0.60	1	2	2	4
0	5	36	2	38	0.58	-7.99	0.23	1.88	4775	21	0.33	1739	-1.60	0.94	10.64	0.81	2	2	5	7
4	9	57	22	79	0.29	-8.06	0.23	1.65	4297	50	0.66	1739	-1.61	0.83	25.13	0.52	2	2	5	7
0	4	42	4	46	0.23	-2.50	0.22	2.71	2865	18	0.17	1739	-2.50	1.36	17.66	0.45	1	2	1	3
0	3	30	8	38	0.32	-8.02	0.23	3.17	3820	24	0.27	1739	-1.60	1.06	11.83	0.55	2	3	5	8
0	4	35	5	40	0.89	-9.27	0.15	1.34	2411	26	0.16	1739	-1.03	1.34	8.60	1.05	3	1	9	10
0	8	35	4	39	0.27	-1.90	0.30	1.79	1910	21	0.11	1728	-0.38	0.60	10.62	0.57	2	3	5	8
0	6	51	11	62	0.11	-4.19	0.19	4.74	1910	23	0.08	1728	-4.19	2.37	11.40	0.30	2	2	1	3
2	8	53	5	58	0.27	-1.22	0.00	0.00	4227	18	0.29	1728	-0.61	0.00	8.81	0.27	2	0	2	2
0	4	62	6	68	0.79	-2.03	0.19	1.36	5725	13	0.03	1728	-0.41	1.36	12.93	0.98	1	1	5	6
1	5	79	17	96	1.01	-5.14	0.19	1.03	5725	13	0.22	1728	-0.57	1.03	12.93	1.20	1	1	9	10
0	0	98	15	113	0.28	-4.95	0.33	2.70	0	0	0.00	1728	-0.99	1.35	0.00	0.62	0	2	5	7
0	2	82	16	98	0.00	0.00	0.05	0.48	0	0	0.00	1728	0.00	0.48	0.00	0.05	0	1	0	1
0	3	72	13	85	0.19	-2.10	0.29	2.86	11477	6	0.25	1728	-2.10	1.43	6.49	0.48	1	2	1	3
0	1	66	3	69	0.80	-3.35	0.28	2.72	8607	12	0.22	1728	-0.67	1.36	5.99	1.08	2	2	5	7
0	1	57	12	69	0.89	-7.33	0.19	1.32	11478	3	0.06	1728	-0.92	1.32	2.98	1.08	1	1	8	9
1	11	75	20	95	0.85	-9.62	0.00	0.00	4145	90	0.77	1728	-1.20	0.00	45.21	0.85	2	0	8	8
2	0	0	0	0	0.07	-4.63	0.15	1.00	3183	124	0.70	2969	-1.16	1.00	62.24	0.22	2	1	4	5
0	4	24	2	26	0.11	-1.06	0.13	1.22	11459	13	0.29	2969	-1.06	0.61	12.65	0.24	1	2	1	3
1	4	44	12	56	0.00	0.00	0.29	0.75	11459	13	0.19	2969	0.00	0.25	12.65	0.29	1	3	0	3
0	3	28	4	32	0.11	-0.17	0.00	0.00	3819	23	0.30	2969	-0.17	0.00	23.48	0.11	1	0	1	1
1	5	37	8	45	0.16	-11.53	0.19	1.23	13107	23	0.27	2969	-2.88	1.23	11.71	0.35	2	1	4	5
2	6	19	13	32	0.86	-13.92	0.40	3.24	4501	32	0.36	2969	-1.74	1.62	15.78	1.26	2	2	8	10
1	16	16	3	19	0.69	-5.78	0.40	3.12	2216	64	0.45	2969	-1.16	1.56	32.05	1.09	2	2	5	7
0	17	20	9	29	0.48	-5.36	0.26	3.64	1315	76	0.31	2969	-2.68	3.64	37.85	0.74	2	1	2	3
0	10	2	0	2	0.19	-1.43	0.42	2.95	742	248	0.48	2969	-1.43	0.98	82.51	0.61	3	3	1	4
0	16	3	2	5	0.19	-2.89	0.34	2.69	964	214	0.46	2969	-2.89	1.35	106.81	0.53	2	2	1	3
1	5	18	7	25	0.30	-1.19	0.15	1.57	0	0	0.00	2969	-1.19	1.57	0.00	0.45	0	1	1	2
0	5	32	2	34	0.27	-1.62	0.12	1.14	22918	6	0.47	2969	-0.81	1.14	6.23	0.38	1	1	2	3
0	7	36	7	43	0.15	-0.29	0.03	1.14	7641	11	0.28	2969	-0.29	1.14	11.12	0.19	1	1	1	2
0	9	28	13	41	0.15	-0.74	0.14	0.62	0	0	0.00	2969	-0.74	0.62	0.00	0.29	0	1	1	2
1	9	35	7	42	0.00	0.00	0.21	1.32	7636	13	0.32	2969	0.00	0.44	12.50	0.21	1	3	0	3
0	10	13	5	18	0.11	-1.23	0.26	3.83	2682	61	0.44	2969	-1.23	1.28	30.52	0.37	2	3	1	4
1	12	31	8	39	0.59	-5.33	0.11	2.80	2425	53	0.19	2969	-0.89	2.80	17.75	0.70	3	1	6	7
0	8	26	7	33	0.25	-2.42	0.11	2.98	4297	33	0.44	2969	-0.48	2.98	16.49	0.36	2	1	5	6
0	10	42	7	49	0.19	-1.72	0.15	1.38	8589	34	0.30	2969	-1.72	0.69	17.03	0.34	2	2	1	3
0	14	31	1	32	0.23	-2.19	0.18	4.42	4297	46	0.55	2969	-2.19	2.21	22.75	0.41	2	2	1	3
0	11	23	14	37	1.47	-22.54	0.05	3.41	4297	49	0.67	2969	-5.64	3.41	24.66	1.51	2	1	4	5
2	7	29	7	36	0.35	-22.54	0.15	1.79	5730	31	0.58	2969	-5.64	1.79	30.83	0.50	1	1	4	5
3	17	27	215	242	0.08	-1.34	0.09	1.46	3544	25	0.29	2969	-1.34	1.46	24.93	0.17	1	1	1	2
0	2	19	2	21	0.08	-0.73	0.08	2.14	0	0	0.00	1393	-0.73	2.14	0.00	0.15	0	1	1	2
2	9	9	11	20	0.11	-2.61	0.00	0.00	2578	111	0.25	1393	-2.61	0.00	55.33	0.11	2	0	1	1
1	11	3	4	7	0.08	-2.77	0.15	2.03	2292	89	0.63	5330	-2.77	1.01	89.45	0.23	1	2	1	3
0	0	5	2	7	0.00	0.00	0.00	0.00	0	0	0.00	5330	0.00	0.00	0.00	0.00	0	0	0	0
0	8	1	1	2	0.11	-1.23	0.11	2.28	2292	53	0.40	5330	-1.23	2.28	53.45	0.23	1	1	1	2
1	20	2	2	4	0.79	-16.89	0.17	5.29	5730	16	0.29	5330	-3.38	5.29	15.50	0.96	1	1	5	6
1	30	1	8	9	0.10	-14.12	0.08	1.89	3629	73	0.58	5330	-3.53	1.89	24.18	0.18	3	1	4	5
0	10	12	5	17	0.11	-1.89	0.08	1.74	8594	35	0.85	5330	-1.89	1.74	17.65	0.19	2	1	1	2
1	19	11	6	17	0.00	0.00	0.11	2.77	0	0	0.00	5330	0.00	2.77	0.00	0.11	0	1	0	1
0	9	11	2	13	0.27	-5.10	0.11	0.62	2292	19	0.15	5330	-2.55	0.62	19.20	0.38	1	1	2	3

truck	total	Speed	nonspeed	citattot	lengthcres	Acrest	lengthsag	asag	radiousavera	deltasum	lengthhri	traffic	AvecreA	AversagA	AVeDelta	sagcrestmile	Noofhoriz	sagtno	crestno	sumvert
1	16	20	5	25	0.00	0.00	0.00	0.00	11439	3	0.11	5330	0.00	0.00	2.87	0.00	1	0	0	0
0	9	19	3	22	0.27	-2.24	0.30	5.73	5730	42	0.29	5330	-2.24	2.87	20.85	0.57	2	2	1	3
0	14	18	5	23	0.27	-2.72	0.03	0.46	5730	47	0.65	5330	-2.72	0.46	23.62	0.30	2	1	1	2
0	4	17	3	20	0.00	0.00	0.12	0.80	5730	36	0.20	5330	0.00	0.40	18.08	0.12	2	2	0	2
0	8	9	8	17	0.23	-2.20	0.11	2.11	5730	19	0.33	5330	-2.20	2.11	18.63	0.34	1	1	1	2
0	14	10	9	19	0.00	0.00	0.00	0.00	11450	6	0.24	5330	0.00	0.00	6.32	0.00	1	0	0	0
0	10	6	4	10	0.11	-0.59	0.08	0.35	11459	4	0.14	5330	-0.59	0.35	3.70	0.19	1	1	1	2
0	7	9	4	13	0.11	-0.77	0.08	0.36	5730	23	0.43	1558	-0.77	0.36	22.90	0.19	1	1	1	2
1	8	13	5	18	0.00	0.00	0.08	0.89	5730	19	0.37	1558	0.00	0.89	19.45	0.08	1	1	0	1
0	1	22	6	28	0.00	0.00	0.15	0.50	0	0	0.00	1558	0.00	0.50	0.00	0.15	0	1	0	1
0	3	10	3	13	1.30	-15.28	0.15	2.74	4584	45	0.68	1558	-3.82	2.74	45.15	1.45	1	1	4	5
0	1	16	2	18	0.67	-15.28	0.00	0.00	11459	20	0.07	1558	-3.82	0.00	20.45	0.67	1	0	4	4
0	4	20	6	26	0.00	0.00	0.30	0.39	11459	20	0.70	1558	0.00	0.19	20.45	0.30	1	2	0	2
0	2	9	1	10	0.15	-0.31	0.15	0.40	0	0	0.00	1558	-0.31	0.40	0.00	0.30	0	1	1	2
0	2	12	3	15	0.49	-7.69	0.19	2.73	5826	28	0.54	1558	-1.54	2.73	27.90	0.68	1	1	5	6
1	3	18	6	24	0.95	-10.20	0.27	3.47	5635	46	0.69	1558	-2.04	3.47	45.67	1.22	1	1	5	6
0	2	10	3	13	0.55	-6.12	0.23	2.52	14291	48	0.21	1558	-1.22	2.52	23.83	0.77	2	1	5	6
2	6	14	16	30	0.44	-3.43	0.34	1.19	22947	2	0.10	1558	-0.86	0.60	1.99	0.78	1	2	4	6
0	2	8	3	11	0.34	-2.14	0.19	1.32	0	0	0.00	1558	-1.07	1.32	0.00	0.53	0	1	2	3
0	1	14	10	24	0.19	-0.71	0.15	0.47	0	0	0.00	1558	-0.71	0.47	0.00	0.34	0	1	1	2
0	2	7	1	8	0.22	-6.99	0.23	3.01	0	0	0.00	1558	-1.40	3.01	0.00	0.45	0	1	5	6
0	4	13	0	13	0.72	-6.72	0.00	0.00	6740	39	0.88	1558	-1.34	0.00	39.47	0.72	1	0	5	5
1	7	7	1	8	0.38	-4.69	0.36	5.68	7806	55	0.80	1558	-4.69	1.89	27.32	0.74	2	3	1	4
0	4	12	4	16	0.23	-1.95	0.28	4.85	8594	25	0.59	1558	-1.95	1.62	24.90	0.51	1	3	1	4
1	9	8	0	8	0.00	0.00	0.21	2.74	11456	19	0.60	1558	0.00	1.37	19.24	0.21	1	2	0	2
1	3	5	8	13	0.38	-3.51	0.15	1.27	11655	29	0.27	1558	-1.75	1.27	14.62	0.53	2	1	2	3
0	1	8	0	8	0.19	-1.21	0.04	2.28	11854	10	0.25	1558	-1.21	2.28	10.00	0.23	1	1	1	2
0	3	39	10	49	0.45	-8.38	0.34	7.43	11454	11	0.09	1513	-1.68	3.72	11.42	0.79	1	2	5	7
0	4	38	7	45	0.64	-6.16	0.07	1.76	11454	11	0.35	1513	-1.23	1.76	11.42	0.72	1	1	5	6
0	2	73	17	90	0.42	-2.61	0.15	1.76	17189	12	0.69	1513	-1.30	1.76	12.47	0.57	1	1	2	3
0	2	71	10	81	0.15	-1.24	0.15	0.90	17189	12	0.02	1513	-1.24	0.90	12.47	0.30	1	1	1	2
0	3	69	17	86	0.15	-22.70	0.41	4.68	0	0	0.00	1513	-5.68	2.34	0.00	0.56	0	2	4	6
0	4	85	17	102	1.59	-22.70	0.19	3.65	2625	39	0.34	1688	-5.68	3.65	38.79	1.78	1	1	4	5
1	8	85	20	105	0.86	-5.06	0.12	1.65	5742	9	0.17	1686	-1.01	1.65	8.98	0.99	1	1	5	6
1	11	91	18	109	0.39	-5.64	0.44	4.32	3819	25	0.32	2059	-1.13	2.16	25.01	0.82	1	2	5	7
2	8	67	17	84	0.30	-1.69	0.19	2.52	0	0	0.00	2059	-1.69	2.52	0.00	0.49	0	1	1	2
0	7	18	4	22	0.08	-2.49	0.08	1.56	11459	3	0.11	2059	-2.49	1.56	3.00	0.15	1	1	1	2

Appendix 8. Spatial Temporal Analysis Figures

Truck Crashes on I-80 East, From Milepost 0 to 100 (Three or More Truck Crashes)

	Mile post																			
	0-5	**5-10**	**10-15**	**15-20**	**20-25**	**25-30**	**30-35**	**35-40**	**40-45**	**45-50**	**50-55**	**55-60**	**60-65**	**65-70**	**70-75**	**75-80**	**80-85**	**85-90**	**90-95**	**95-100**
12:00 to 12:59	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0
1 AM to 1:59	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0
3 AM to 3:59	0	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0
4 AM to 4:59	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
5 AM to 5:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
6 AM to 6:59	0	0	3	1	1	0	0	2	1	0	0	0	0	1	0	0	1	2	4	0
7 AM to 7:59	0	1	1	0	0	0	0	0	0	0	1	1	3	1	1	0	2	1	0	0
8 AM to 8:59	1	2	1	1	0	1	0	0	1	0	0	2	0	2	0	1	2	1	0	3
9 AM to 9:59	0	0	1	1	0	0	3	1	0	1	1	0	0	3	0	1	2	2	0	1
10 AM to 10:59	0	1	0	2	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	1
11 AM to 11:59	0	1	2	0	1	0	1	0	0	0	0	1	0	1	0	0	0	2	0	2
12 Noon to 12:59	1	0	2	0	0	2	2	0	0	1	0	0	0	0	0	0	2	1	1	2
1 PM to 1:59	1	0	1	2	0	1	0	0	0	1	0	0	0	0	0	1	0	2	3	3
2 PM to 2:59	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
3 PM to 3:59	1	0	1	0	2	1	0	1	0	1	0	0	0	1	0	1	1	1	4	0
4 PM to 4:59	1	0	2	1	2	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2
5 PM to 5:59	7	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	3	0	0
6 PM to 6:59	0	1	3	1	1	1	0	0	0	0	1	0	0	0	0	1	2	1	0	0
7 PM to 7:59	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	1	1	0	1
8 PM to 8:59	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
9 PM to 9:59	1	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0	1	1	1
10 PM to 10:59	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
11 PM to 11:59	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0

Citations on I-80 East, From Milepost 0 to 100 (Greater than 100 Citations)

	Milepost																			
	0-5	**0-5**		**5-10**	**10-15**	**15-20**	**20-25**	**25-30**	**30-35**	**35-40**	**40-45**	**45-50**	**50-55**	**55-60**	**60-65**	**65-70**	**70-75**	**75-80**	**80-85**	**85-90**	**90-95**
Midnight to 12:59	79	6	11	14	7	10	30	13	11	7	5	3	6	6	15	6	16	8	12	24
1 AM to 1:59	19	2	3	0	1	1	3	1	0	0	0	0	0	2	2	2	2	0	9	18
2 AM to 2:59	23	0	1	2	2	0	0	1	2	0	3	0	2	6	7	0	1	2	6	4
3 AM to 3:59	24	3	1	3	2	0	0	1	1	0	2	0	1	2	0	1	2	1	14	4
4 AM to 4:59	19	2	0	1	0	1	0	2	0	1	1	1	0	0	2	1	2	1	6	5
5 AM to 5:59	18	1	1	5	0	1	5	1	2	0	2	1	1	6	5	1	4	3	2	5
6 AM to 6:59	32	7	4	12	3	4	7	1	2	0	4	1	1	2	0	3	4	8	7	24
7 AM to 7:59	142	32	14	27	15	18	23	9	12	15	13	10	9	12	14	10	24	19	113	133
8 AM to 8:59	197	27	28	36	28	39	65	35	21	34	28	10	21	18	22	23	35	27	157	157
9 AM to 9:59	239	21	9	46	22	29	65	46	30	34	20	20	11	13	26	22	24	12	26	44
10 AM to 10:59	249	28	18	39	23	59	74	42	32	27	19	13	9	16	40	29	29	19	31	34
11 AM to 11:59	237	35	19	36	29	35	42	46	60	24	29	9	22	32	59	39	42	18	50	40
12 Noon to 12:59	223	19	22	37	27	44	61	43	44	36	19	9	28	37	76	56	36	21	32	47
1 PM to 1:59	305	35	26	62	27	55	102	56	49	33	19	19	43	36	69	33	48	27	47	58
2 PM to 2:59	237	49	48	48	52	53	69	32	24	12	7	9	16	33	60	36	37	12	54	56
3 PM to 3:59	230	43	19	36	39	37	67	41	25	16	4	11	19	26	46	38	55	26	53	69
4 PM to 4:59	287	50	38	39	28	37	73	69	56	32	31	20	17	27	86	40	40	16	59	55
5 PM to 5:59	246	38	20	24	29	48	67	75	46	37	23	13	19	25	54	34	41	23	53	58
6 PM to 6:59	221	21	16	33	22	33	97	50	39	21	16	8	12	11	42	28	27	18	40	58
7 PM to 7:59	109	11	17	15	4	7	33	15	12	9	5	5	5	4	23	15	32	20	26	44
8 PM to 8:59	143	18	20	24	20	12	33	7	5	7	9	2	12	4	18	11	39	17	18	69
9 PM to 9:59	129	18	13	31	21	30	32	7	15	12	4	5	2	11	19	14	7	6	31	62
10 PM to 10:59	107	21	7	27	16	22	38	16	14	10	5	2	15	6	10	6	13	8	34	72
11 PM to 11:59	79	5	9	15	8	27	21	4	9	2	5	2	0	5	6	6	5	7	33	78

Truck Crashes on I-80 East, From Milepost 100 to 200 (Three or more Truck Crashes)

	Milepost																			
	100-105	**105-110**	**110-115**	**115-120**	**120-125**	**125-130**	**130-135**	**135-140**	**140-145**	**145-150**	**150-155**	**155-160**	**160-165**	**165-170**	**170-175**	**175-180**	**180-185**	**185-190**	**190-195**	**195-200**
Midnight to 12:59	1	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0	0	0	0	0
1 AM to 1:59	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
3 AM to 3:59	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	3	2
4 AM to 4:59	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0
5 AM to 5:59	1	1	0	0	1	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0
6 AM to 6:59	4	2	0	0	0	0	0	2	1	0	0	1	0	2	1	1	0	0	1	0
7 AM to 7:59	1	2	0	1	0	0	0	0	0	1	0	0	0	1	1	1	2	1	2	1
8 AM to 8:59	2	1	0	0	1	0	4	4	6	0	0	2	1	1	3	0	4	0	0	1
9 AM to 9:59	2	0	2	0	0	3	8	1	1	0	2	1	5	3	1	1	2	0	1	0
10 AM to 10:59	0	0	1	0	1	1	7	2	3	0	3	0	0	0	1	0	1	0	1	1
11 AM to 11:59	0	1	0	0	0	1	0	3	1	1	1	0	0	1	0	0	0	0	0	2
12 Noon to 12:59	2	0	0	6	0	0	1	0	1	1	0	0	1	0	0	1	0	0	1	1
1 PM to 1:59	2	0	1	0	1	2	0	0	1	0	2	0	0	1	1	6	1	0	4	0
2 PM to 2:59	0	2	3	0	0	0	0	2	1	0	0	0	1	0	0	0	2	0	0	1
3 PM to 3:59	2	1	0	1	1	1	2	0	1	0	0	0	3	1	1	0	1	0	0	0
4 PM to 4:59	3	1	0	0	1	0	0	1	1	0	2	0	0	1	1	0	3	5	0	0
5 PM to 5:59	2	2	0	0	0	1	1	0	1	0	0	0	3	1	2	1	2	0	0	0
6 PM to 6:59	3	0	0	0	0	0	0	1	0	0	1	0	4	1	1	0	0	0	0	0
7 PM to 7:59	0	0	0	0	2	0	1	1	0	0	0	0	1	0	0	1	1	1	1	1
8 PM to 8:59	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
9 PM to 9:59	1	2	0	0	0	0	0	3	1	0	1	0	0	1	1	0	1	0	0	0
10 PM to 10:59	0	1	0	0	0	0	0	2	1	0	0	0	0	1	1	0	2	0	1	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0

Citations on I-80 East, From Milepost 100 to 200 (Greater than 100 Citations)

	Milepost																			
	100-105	**105-110**	**110-115**	**115-120**	**120-125**	**125-130**	**130-135**	**135-140**	**140-145**	**145-150**	**150-155**	**155-160**	**160-165**	**165-170**	**170-175**	**175-180**	**180-185**	**185-190**	**190-195**	**195-200**
Midnight to 12:59	17	11	17	18	7	6	6	5	3	6	1	6	7	16	22	5	5	10	16	17
1 AM to 1:59	6	13	0	0	2	0	0	0	0	1	0	2	1	0	0	0	0	0	1	2
2 AM to 2:59	7	10	0	1	1	4	1	0	2	0	0	1	5	3	3	0	1	3	1	1
3 AM to 3:59	6	1	3	1	0	0	0	2	0	1	0	3	2	9	2	0	1	1	2	1
4 AM to 4:59	2	2	2	2	0	0	5	0	3	0	0	0	3	0	0	1	2	1	1	1
5 AM to 5:59	4	7	3	2	0	2	1	0	1	5	2	1	1	2	3	0	1	2	7	1
6 AM to 6:59	12	9	13	12	6	5	2	10	4	3	1	10	38	50	32	2	3	5	11	8
7 AM to 7:59	30	85	27	9	13	3	6	7	10	5	0	12	44	67	41	10	7	16	25	26
8 AM to 8:59	55	20	41	30	17	3	7	6	3	4	1	12	13	17	11	8	7	22	20	24
9 AM to 9:59	39	15	36	18	6	7	14	7	7	2	2	2	11	5	8	6	4	12	14	19
10 AM to 10:59	11	7	47	23	15	9	9	10	7	4	12	12	27	30	33	7	8	43	39	42
11 AM to 11:59	21	23	61	33	15	16	11	14	15	6	5	25	26	44	31	14	13	50	50	58
12 Noon to 12:59	14	16	38	33	24	10	5	4	9	14	4	12	26	32	58	16	22	35	47	36
1 PM to 1:59	12	30	65	57	24	3	9	8	11	17	14	27	38	60	52	24	20	54	62	36
2 PM to 2:59	25	20	62	27	18	11	8	4	12	25	9	14	26	70	61	20	20	39	24	26
3 PM to 3:59	21	20	43	25	12	0	10	8	4	7	5	11	55	125	122	10	14	27	21	21
4 PM to 4:59	30	34	57	55	31	10	4	8	4	10	8	22	47	65	58	17	18	33	29	29
5 PM to 5:59	26	22	57	46	25	5	8	6	15	5	8	33	42	44	40	17	11	23	31	27
6 PM to 6:59	16	8	45	23	12	2	8	10	6	10	8	13	31	37	29	4	18	32	25	31
7 PM to 7:59	19	10	20	31	11	6	4	5	7	5	6	2	18	28	33	17	14	14	23	17
8 PM to 8:59	18	14	21	8	5	1	6	3	6	3	0	10	12	20	16	8	9	11	8	23
9 PM to 9:59	30	13	17	3	8	4	7	3	5	2	6	0	5	10	10	4	8	4	8	15
10 PM to 10:59	27	10	7	5	7	0	2	2	1	2	2	0	5	6	7	1	5	7	3	8
11 PM to 11:59	16	6	9	5	3	0	1	2	4	7	1	2	3	12	5	11	4	13	13	9

Truck Crashes on I-80 East, From Milepost 200 to 300 (Three or More Truck Crashes)

	Milepost																			
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	250-255	255-260	260-265	265-270	270-275	275-280	280-285	285-290	290-295	295-300
Midnight to 12:59	1	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0
1 AM to 1:59	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
3 AM to 3:59	1	0	0	1	0	0	0	0	2	1	1	0	0	0	1	0	0	0	1	0
4 AM to 4:59	0	0	0	0	0	0	0	0	1	0	1	0	2	1	0	0	1	1	2	1
5 AM to 5:59	1	1	0	0	0	0	0	1	1	1	0	0	0	1	0	1	0	0	0	1
6 AM to 6:59	0	1	2	1	0	0	0	0	0	1	2	1	0	1	0	0	1	4	1	1
7 AM to 7:59	0	0	1	0	0	0	1	0	1	2	0	0	2	1	0	0	0	1	0	3
8 AM to 8:59	2	1	3	1	0	0	0	1	1	1	2	0	2	1	1	1	6	5	1	4
9 AM to 9:59	1	0	1	0	2	0	0	0	0	1	0	0	0	2	1	0	9	4	1	0
10 AM to 10:59	0	0	0	0	0	2	1	0	1	2	4	0	0	2	1	1	1	2	2	0
11 AM to 11:59	1	1	0	1	1	1	0	2	0	2	0	1	1	2	1	1	0	0	1	0
12 Noon to 12:59	1	0	1	0	0	0	0	0	0	1	1	5	1	0	1	1	0	3	1	0
1 PM to 1:59	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0	2	0	0
2 PM to 2:59	0	0	0	1	0	0	0	0	0	0	0	1	2	0	3	1	1	0	1	1
3 PM to 3:59	0	1	1	1	0	0	0	0	0	3	1	1	2	2	1	2	0	2	1	1
4 PM to 4:59	0	1	1	0	1	0	0	0	0	0	2	0	0	0	3	0	1	0	0	1
5 PM to 5:59	2	0	2	1	0	1	0	0	2	1	1	0	2	2	3	1	0	1	0	1
6 PM to 6:59	0	1	0	0	1	0	0	2	3	1	1	0	0	0	1	2	0	0	2	1
7 PM to 7:59	1	0	0	0	0	2	0	0	0	0	0	3	3	2	0	0	1	1	1	1
8 PM to 8:59	1	0	0	1	0	0	1	1	0	1	2	0	1	0	1	0	2	1	0	0
9 PM to 9:59	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0
10 PM to 10:59	0	0	1	0	1	0	0	0	1	0	2	0	1	1	1	2	0	1	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	2	0	0

Citations on I-80 East, From Milepost 200 to 300 (Greater than 100 Citations)

	Milepost																			
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	250-255	255-260	260-265	265-270	270-275	275-280	280-285	285-290	290-295	295-300
Midnight to 12:59	18	33	17	22	15	19	4	26	8	4	17	9	8	8	5	4	0	5	6	9
1 AM to 1:59	2	3	2	1	1	0	1	0	1	1	3	0	0	6	1	2	0	1	0	1
2 AM to 2:59	1	2	3	0	4	0	0	3	0	2	1	0	0	1	0	0	0	0	1	1
3 AM to 3:59	6	0	1	4	0	3	0	2	3	0	1	1	0	0	0	1	0	0	0	0
4 AM to 4:59	0	2	0	3	0	0	0	2	0	1	0	2	2	0	2	0	1	0	1	0
5 AM to 5:59	1	1	4	6	1	0	0	1	1	3	2	4	1	0	0	0	1	0	2	0
6 AM to 6:59	11	10	27	138	14	18	9	22	10	7	21	11	7	16	16	12	2	8	0	6
7 AM to 7:59	65	88	75	64	56	45	27	53	16	27	44	41	25	34	38	40	6	20	6	22
8 AM to 8:59	40	85	46	50	64	49	23	64	22	23	55	35	22	38	42	42	11	25	14	35
9 AM to 9:59	55	96	67	53	75	60	28	77	28	25	55	32	18	18	37	43	18	39	18	42
10 AM to 10:59	109	121	93	38	98	78	29	67	49	25	87	43	16	35	35	66	10	40	31	29
11 AM to 11:59	71	180	91	38	122	97	54	81	37	41	88	35	20	48	44	60	13	37	15	31
12 Noon to 12:59	83	217	84	74	146	92	66	92	60	40	101	66	24	36	40	81	17	39	35	61
1 PM to 1:59	74	190	102	60	159	115	57	89	57	31	100	55	21	44	31	74	20	46	48	87
2 PM to 2:59	44	165	97	65	100	97	34	38	18	20	103	60	36	33	38	50	5	23	32	44
3 PM to 3:59	46	99	79	67	102	81	44	60	30	34	96	42	16	28	28	119	13	23	16	57
4 PM to 4:59	61	125	115	71	127	138	71	111	51	44	86	63	26	41	52	141	13	53	30	90
5 PM to 5:59	47	104	68	61	132	130	53	96	48	24	79	47	33	50	44	84	21	71	42	82
6 PM to 6:59	39	108	77	83	80	88	46	109	34	16	56	35	17	32	38	45	8	42	35	46
7 PM to 7:59	31	89	65	36	50	61	22	60	15	11	72	32	20	31	24	22	6	20	23	24
8 PM to 8:59	27	84	74	35	52	68	8	75	18	20	52	57	11	17	22	44	6	12	9	17
9 PM to 9:59	40	77	58	62	61	59	29	97	29	20	36	36	10	15	21	15	3	12	9	14
10 PM to 10:59	14	47	25	42	36	25	17	76	16	6	39	33	9	19	23	17	4	20	11	9
11 PM to 11:59	15	64	48	38	38	35	18	71	9	10	32	36	16	10	18	11	2	21	3	8

Truck Crashes on I-80 East, From Milepost 300 to 402 (Three or More Truck Crashes)

	Milepost																			
	300-305	305-310	310-315	315-320	320-325	325-330	330-335	335-340	340-345	345-350	350-355	355-360	360-365	365-370	370-375	375-380	380-385	390-395	395-400	400-405
Midnight to 12:59	0	1	1	0	2	2	0	1	1	0	1	0	0	0	0	1	0	0	1	0
1 AM to 1:59	5	1	0	0	0	1	0	0	0	1	0	2	1	0	0	0	0	0	0	1
2 AM to 2:59	0	0	0	2	2	0	3	0	0	0	0	1	0	0	0	0	0	1	0	0
3 AM to 3:59	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	1	1	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	1	0	0	2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1
6 AM to 6:59	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	1	2	4	0	0	1	2	0	0	0	3	0	0	2	1	0	0	1	0
8 AM to 8:59	5	0	0	4	0	3	1	1	6	0	0	3	1	1	0	1	0	1	1	0
9 AM to 9:59	0	3	1	1	1	1	1	0	1	0	1	0	3	1	1	2	0	0	1	0
10 AM to 10:59	0	1	0	0	1	0	2	1	0	0	0	1	1	0	1	1	0	0	0	1
11 AM to 11:59	2	0	0	1	0	1	1	1	0	0	0	0	2	0	0	1	0	0	0	2
12 Noon to 12:59	0	0	0	3	1	3	1	0	0	0	0	2	0	1	0	0	0	0	0	1
1 PM to 1:59	1	0	2	1	0	1	0	0	0	1	0	2	1	0	0	1	0	0	0	0
2 PM to 2:59	0	0	1	1	4	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
3 PM to 3:59	1	0	3	1	4	7	3	0	0	1	1	1	1	0	1	2	0	1	1	1
4 PM to 4:59	3	1	2	2	0	6	5	1	1	0	0	2	0	0	1	0	0	0	0	1
5 PM to 5:59	2	0	0	2	3	9	3	1	0	0	0	1	1	0	2	0	0	0	0	0
6 PM to 6:59	1	0	1	0	0	3	3	2	0	0	2	0	0	2	0	0	0	0	0	0
7 PM to 7:59	0	0	1	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	1	3	0	1	1	0	0	0	1	1	1	0	0	0	0	0
9 PM to 9:59	0	0	0	0	1	0	1	1	1	0	2	1	0	0	0	0	0	1	0	0
10 PM to 10:59	0	2	3	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
11 PM to 11:59	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0

Citations on I-80 East, From Milepost 300 to 402 (Greater than 100 Citations)

	Milepost																			
	300-305	305-310	310-315	315-320	320-325	325-330	330-335	335-340	340-345	345-350	350-355	355-360	360-365	365-370	370-375	375-380	380-385	385-390	390-395	395-400	400-
Midnight to 12:59	5	5	7	8	6	10	23	8	4	4	5	6	17	30	14	20	13	13	3	12	2
1 AM to 1:59	4	3	6	4	2	3	4	1	0	3	1	1	0	2	3	3	0	0	2	1	0
2 AM to 2:59	1	3	0	6	3	1	7	0	1	5	0	4	7	0	0	3	2	5	4	0	0
3 AM to 3:59	0	2	1	3	3	3	0	1	0	2	1	3	2	0	0	0	1	1	0	0	1
4 AM to 4:59	0	1	2	2	0	2	2	0	0	0	1	4	0	1	0	0	1	2	1	0	0
5 AM to 5:59	0	1	0	1	3	1	9	4	0	0	6	7	2	1	1	1	1	0	3	0	1
6 AM to 6:59	8	7	8	5	9	18	49	12	10	14	9	23	20	13	8	2	7	8	6	9	3
7 AM to 7:59	18	7	22	9	13	45	105	28	25	25	32	44	27	31	25	29	30	20	16	25	1 4
8 AM to 8:59	20	14	22	18	20	66	186	32	16	21	18	28	17	18	13	12	15	8	1	11	5
9 AM to 9:59	32	18	28	11	19	71	208	27	21	13	12	20	14	20	15	12	3	7	3	15	6
10 AM to 10:59	33	16	18	12	23	66	182	32	28	12	26	26	30	21	10	24	17	19	12	11	1 0
11 AM to 11:59	30	22	34	21	22	61	96	42	31	22	42	42	21	20	19	11	12	11	20	21	1 8
12 Noon to 12:59	62	39	35	17	24	59	213	39	27	26	31	28	9	20	13	15	13	13	14	11	2 5
1 PM to 1:59	78	52	23	27	29	80	223	34	30	32	23	42	14	26	14	24	13	19	8	17	1 6
2 PM to 2:59	29	38	26	12	20	48	86	26	13	15	16	33	27	26	17	26	17	8	9	8	1 1
3 PM to 3:59	50	50	11	23	22	68	181	28	12	12	16	26	21	21	15	18	13	12	9	12	1 2
4 PM to 4:59	100	66	23	10	24	106	306	59	9	14	26	39	27	23	10	15	17	10	11	13	1 3
5 PM to 5:59	78	38	14	31	29	107	234	57	11	10	9	29	26	16	18	14	10	12	7	7	8
6 PM to 6:59	39	27	15	18	15	58	150	39	5	9	16	22	15	13	13	9	4	6	5	4	9
7 PM to 7:59	31	24	18	12	21	51	112	36	4	9	2	19	8	9	6	3	8	9	4	10	7
8 PM to 8:59	13	13	19	12	14	32	89	24	8	4	6	16	14	10	7	3	4	5	7	5	9
9 PM to 9:59	14	9	13	20	11	14	76	17	5	5	6	25	18	9	4	9	7	2	7	1	8
10 PM to 10:59	18	17	22	17	9	24	64	13	4	1	3	28	11	11	2	1	1	2	2	4	1
11 PM to 11:59	10	8	15	8	7	9	23	8	6	5	5	21	9	3	12	2	1	1	0	1	0

Truck Crashes on I-80 West, From Milepost 0 to 100 (Three or More Truck Crashes)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0
1 AM to 1:59	0	0	0	1	1	1	1	0	0	1	0	0	1	0	0	0	3	0	0	0
2 AM to 2:59	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	1	1	2	0
3 AM to 3:59	0	1	1	2	1	0	1	1	1	0	0	0	0	0	0	0	2	0	1	2
4 AM to 4:59	0	2	0	0	1	0	0	1	0	1	1	0	1	0	0	0	1	0	1	1
5 AM to 5:59	0	1	1	1	0	1	0	0	0	0	0	0	1	1	2	1	0	0	0	3
6 AM to 6:59	0	0	4	1	1	0	0	4	2	0	1	0	0	2	2	0	2	2	7	1
7 AM to 7:59	0	1	2	3	0	1	0	1	0	0	1	2	4	3	3	0	2	1	1	2
8 AM to 8:59	1	3	1	3	1	1	1	1	1	0	1	2	0	4	0	1	3	2	0	3
9 AM to 9:59	0	0	2	3	1	1	3	2	0	1	1	1	0	5	0	1	5	2	2	4
10 AM to 10:59	0	1	1	2	1	1	0	1	1	0	0	0	1	1	2	1	1	1	1	4
11 AM to 11:59	0	1	2	0	2	0	3	0	0	1	1	1	1	1	1	0	2	2	0	3
12 Noon to 12:59	1	1	3	0	0	3	3	0	0	1	0	2	0	0	0	0	2	2	1	2
1 PM to 1:59	1	0	3	2	0	2	1	0	0	1	2	2	0	0	0	1	0	2	3	4
2 PM to 2:59	0	1	5	1	1	0	1	0	1	2	2	0	0	0	0	1	2	1	1	3
3 PM to 3:59	1	0	2	3	3	2	0	1	1	4	2	0	1	2	0	1	1	1	4	1
4 PM to 4:59	4	0	3	2	3	0	1	2	0	1	0	4	1	0	0	1	2	0	0	3
5 PM to 5:59	9	1	0	0	0	2	1	0	0	0	2	0	1	1	0	0	1	4	0	0
6 PM to 6:59	2	1	7	1	1	2	1	1	0	0	1	0	0	0	0	1	2	1	0	0
7 PM to 7:59	0	0	0	1	1	1	1	2	0	1	1	1	1	0	0	0	2	1	0	2
8 PM to 8:59	0	0	2	0	3	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0
9 PM to 9:59	2	1	0	2	0	1	2	1	0	1	0	0	0	1	0	0	1	1	2	3
10 PM to 10:59	1	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0	2	0	1	0
11 PM to 11:59	1	0	0	0	1	2	1	0	0	0	0	0	0	1	0	0	1	1	1	0

Citations on I-80 West, From Milepost 0 to 100 (Greater than 100 Citations)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	19	17	5	5	6	6	8	4	3	1	10	3	1	3	5	1	3	5	12	39
1 AM to 1:59	6	1	3	6	0	1	2	1	0	2	1	0	0	0	0	1	3	4	10	5
2 AM to 2:59	7	0	0	0	2	1	0	0	0	0	0	0	0	1	0	0	2	5	11	9
3 AM to 3:59	4	0	0	1	2	2	0	0	1	0	3	0	1	1	1	0	1	0	5	2
4 AM to 4:59	3	1	0	0	1	5	0	0	0	0	2	0	0	0	0	0	5	0	5	8
5 AM to 5:59	3	1	5	3	1	1	0	0	1	0	0	0	0	1	0	2	6	4	2	5
6 AM to 6:59	7	6	8	7	1	7	3	1	0	0	1	0	3	0	3	6	13	15	6	20
7 AM to 7:59	52	28	25	14	1	26	20	6	5	6	6	4	2	6	15	21	20	26	66	69
8 AM to 8:59	71	28	25	17	7	36	16	5	19	25	15	10	2	6	9	11	17	17	64	81
9 AM to 9:59	68	17	15	10	14	27	12	19	13	11	8	10	3	3	3	9	11	13	34	26
10 AM to 10:59	85	37	23	20	10	20	19	19	21	21	12	17	8	5	6	9	12	11	25	27
11 AM to 11:59	107	37	37	18	16	33	12	15	16	18	14	3	4	12	10	15	9	17	28	30
12 Noon to 12:59	80	27	32	12	11	41	15	15	17	17	8	4	9	7	14	16	11	17	14	20
1 PM to 1:59	92	27	41	15	8	43	23	14	22	15	17	4	10	22	25	22	16	17	27	21
2 PM to 2:59	107	30	50	26	12	44	22	8	21	20	11	3	7	20	12	15	19	22	33	31
3 PM to 3:59	92	36	62	32	15	36	19	17	11	12	8	4	19	36	21	31	22	17	43	36
4 PM to 4:59	101	28	48	23	15	61	25	14	23	18	21	11	9	12	22	14	18	15	29	48
5 PM to 5:59	83	31	24	15	18	45	26	13	22	23	21	13	8	8	25	12	13	15	42	44
6 PM to 6:59	96	38	52	21	15	35	22	17	22	15	12	3	5	7	12	13	23	20	34	61
7 PM to 7:59	24	21	23	16	12	18	6	10	2	5	7	2	1	5	9	7	8	13	14	43
8 PM to 8:59	66	39	30	6	5	17	7	6	4	6	5	3	2	3	9	5	12	20	24	59
9 PM to 9:59	54	23	11	17	10	39	11	4	9	8	13	11	2	2	7	10	7	12	43	56
10 PM to 10:59	56	17	21	13	11	65	11	15	7	4	1	5	2	3	4	0	14	11	33	85
11 PM to 11:59	34	9	12	18	2	29	7	4	2	3	3	0	3	5	1	2	8	9	43	94

Truck Crashes on I-80 west, From Milepost 100 to 200 (Three or More Truck Crashes)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	1	0	0	0	0	0	1	1	0	0	0	0	1	0	2	0	0	0	0	0
1 AM to 1:59	0	0	0	0	0	0	2	3	1	0	0	1	1	0	1	0	1	1	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	4	0	0
3 AM to 3:59	0	1	0	0	0	0	1	0	1	1	0	0	2	3	0	0	1	1	4	2
4 AM to 4:59	0	1	0	0	0	1	0	1	0	0	0	0	1	0	1	0	1	1	1	1
5 AM to 5:59	1	2	1	0	1	1	1	2	1	0	1	1	0	0	3	0	1	2	1	0
6 AM to 6:59	4	3	1	1	1	1	0	6	3	0	1	1	0	3	3	6	2	1	1	0
7 AM to 7:59	2	2	1	3	1	1	0	0	0	2	0	0	3	1	4	1	2	4	8	2
8 AM to 8:59	9	3	0	0	1	1	5	5	8	2	0	5	2	3	4	1	8	2	1	5
9 AM to 9:59	2	1	5	0	0	3	8	1	2	2	2	2	5	4	1	2	3	1	2	2
10 AM to 10:59	0	0	1	0	1	1	9	2	6	0	3	1	0	0	1	2	1	1	1	1
11 AM to 11:59	0	1	0	1	0	1	0	7	3	7	1	1	0	1	0	1	0	1	0	2
12 Noon to 12:59	2	2	0	6	0	0	1	1	2	4	0	0	1	0	0	1	1	0	1	2
1 PM to 1:59	4	2	1	0	1	3	0	0	2	1	3	1	1	2	1	7	4	0	5	2
2 PM to 2:59	0	3	5	0	0	0	0	3	4	0	0	1	2	0	0	1	4	0	0	2
3 PM to 3:59	2	5	0	2	1	1	2	3	4	0	1	1	4	2	3	0	2	0	1	2
4 PM to 4:59	3	3	1	0	2	0	0	1	3	2	2	1	0	1	1	1	6	6	3	3
5 PM to 5:59	3	3	2	1	0	1	1	0	1	0	1	0	5	2	3	3	2	2	1	3
6 PM to 6:59	4	0	1	0	1	2	0	1	3	0	1	0	4	1	1	2	0	1	2	1
7 PM to 7:59	0	0	0	0	4	1	1	1	0	0	0	0	2	4	0	1	3	3	2	3
8 PM to 8:59	0	0	0	0	3	0	1	0	1	3	1	1	0	0	0	0	6	0	0	0
9 PM to 9:59	1	3	1	0	1	0	0	3	1	0	2	0	1	1	2	0	2	1	1	0
10 PM to 10:59	1	2	1	0	0	1	0	2	2	2	1	1	1	1	2	0	3	2	2	0
11 PM to 11:59	0	0	0	0	0	1	0	0	0	0	1	1	0	1	2	1	2	0	2	0

Citations on I-80 West, From Milepost 100 to 200 (Greater than 100 Citations)

	Milepost																			
	100-105	**105-110**	**110-115**	**115-120**	**120-125**	**125-130**	**130-135**	**135-140**	**140-145**	**145-150**	**150-155**	**155-160**	**160-165**	**165-170**	**170-175**	**175-180**	**180-185**	**185-190**	**190-195**	**195-200**
Midnight to 12:59	16	7	19	21	3	7	3	3	2	4	3	4	7	13	17	1	8	7	6	7
1 AM to 1:59	12	1	1	1	5	1	1	2	0	1	1	1	1	0	1	2	0	0	0	1
2 AM to 2:59	17	1	1	1	0	1	1	0	0	0	0	0	0	1	2	0	1	2	2	1
3 AM to 3:59	5	4	3	1	1	4	0	0	0	0	0	0	1	4	2	5	0	1	0	0
4 AM to 4:59	6	0	1	2	2	0	1	0	0	0	0	1	0	0	1	1	1	0	2	1
5 AM to 5:59	2	1	0	3	0	0	0	0	1	0	0	0	1	3	2	1	0	2	3	3
6 AM to 6:59	8	3	6	3	4	2	5	2	4	2	1	5	11	11	24	8	14	8	10	8
7 AM to 7:59	34	12	16	35	5	1	0	5	0	6	4	7	20	27	29	31	16	31	14	17
8 AM to 8:59	24	29	30	34	8	7	2	6	4	1	0	8	5	9	16	9	7	23	13	14
9 AM to 9:59	18	16	35	32	9	6	2	3	2	2	2	4	4	4	5	4	11	9	5	15
10 AM to 10:59	10	20	27	47	7	6	6	6	2	8	2	2	5	8	7	13	11	8	15	12
11 AM to 11:59	9	25	31	41	8	4	4	4	7	3	11	9	12	17	12	17	5	14	15	9
12 Noon to 12:59	9	23	24	28	9	3	6	6	4	4	5	4	4	17	11	9	12	9	8	9
1 PM to 1:59	12	20	56	54	19	6	3	11	4	6	9	11	16	27	28	11	20	14	16	8
2 PM to 2:59	16	9	34	40	12	1	4	8	9	3	11	16	7	28	30	8	13	14	7	11
3 PM to 3:59	22	35	44	52	5	5	7	8	7	4	4	12	13	27	39	23	18	8	11	17
4 PM to 4:59	36	31	50	83	10	8	8	10	7	5	7	12	19	39	37	26	17	13	13	15
5 PM to 5:59	27	26	58	53	23	10	8	6	6	6	16	14	13	41	41	9	16	21	20	13
6 PM to 6:59	21	19	37	46	14	7	9	2	8	7	6	8	16	30	34	11	10	15	8	13
7 PM to 7:59	17	14	43	36	2	11	2	3	2	5	3	1	7	13	23	12	12	15	5	13
8 PM to 8:59	14	14	14	26	13	1	3	7	4	4	5	6	0	11	16	8	29	18	6	8
9 PM to 9:59	31	10	13	13	9	4	1	2	3	1	0	2	2	6	12	7	7	8	4	3
10 PM to 10:59	30	7	7	8	6	3	1	2	5	4	3	7	1	8	7	2	4	7	0	0
11 PM to 11:59	26	1	10	6	2	0	3	2	3	3	0	2	0	1	9	7	3	9	8	2

Truck Crashes on I-80 West, From Milepost 200 to 300 (Three or More Truck Crashes)

	Milepost																			
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	250-255	255-260	260-265	265-270	270-275	275-280	280-285	285-290	290-295	295-300
Midnight to 12:59	1	1	0	0	2	1	3	0	0	0	2	0	2	1	0	0	0	0	0	1
1 AM to 1:59	0	0	1	1	0	1	0	0	0	2	1	1	3	0	3	2	1	2	0	2
2 AM to 2:59	0	0	0	0	0	0	0	0	2	1	1	0	1	0	2	0	1	0	1	0
3 AM to 3:59	1	0	3	2	0	0	0	1	2	1	1	2	0	0	3	0	0	1	1	0
4 AM to 4:59	0	0	0	0	1	0	0	0	1	0	2	0	3	1	4	0	1	5	2	1
5 AM to 5:59	1	1	0	1	1	0	0	1	1	1	1	0	3	1	1	1	0	1	0	2
6 AM to 6:59	0	5	2	4	2	2	0	1	0	1	4	3	4	2	2	4	2	5	1	3
7 AM to 7:59	0	2	2	1	0	1	1	1	3	4	4	1	9	1	5	4	4	5	1	11
8 AM to 8:59	3	5	3	1	2	1	2	2	1	2	6	6	12	1	2	9	10	10	2	9
9 AM to 9:59	1	4	2	1	4	0	5	2	1	3	0	2	7	4	4	2	11	10	2	0
10 AM to 10:59	1	2	1	1	2	2	4	1	1	3	4	2	1	2	2	3	6	5	4	0
11 AM to 11:59	1	1	0	2	1	2	1	2	1	3	0	1	3	3	4	4	4	1	3	1
12 Noon to 12:59	3	0	2	0	1	0	1	0	2	1	2	7	5	2	1	2	1	4	1	2
1 PM to 1:59	1	2	0	0	0	1	0	0	0	1	2	2	5	3	1	0	3	3	2	0
2 PM to 2:59	1	0	0	1	1	1	0	0	1	0	1	1	8	2	5	5	2	0	2	1
3 PM to 3:59	1	2	2	2	1	0	0	3	1	6	5	1	3	4	4	5	1	3	1	2
4 PM to 4:59	0	1	3	0	1	0	0	0	1	2	2	0	3	0	4	1	4	3	1	1
5 PM to 5:59	2	0	2	9	0	1	0	0	2	1	5	1	9	4	10	5	1	6	0	1
6 PM to 6:59	0	2	2	1	2	0	0	2	3	3	3	1	1	0	1	3	0	3	2	1
7 PM to 7:59	2	1	1	2	0	4	2	0	1	1	1	3	6	2	1	1	1	4	3	1
8 PM to 8:59	1	0	7	1	0	1	1	2	2	2	2	2	3	1	3	3	2	2	0	0
9 PM to 9:59	0	2	0	3	1	2	1	0	2	1	3	0	0	0	1	2	2	2	0	0
10 PM to 10:59	0	1	1	0	1	0	0	0	2	1	2	0	2	2	3	4	0	2	1	0
11 PM to 11:59	0	1	0	1	1	1	0	0	1	0	3	1	5	3	1	6	0	2	1	0

Citations on I-80 West, From Milepost 200 to 300 (Greater than 100 Citations)

	Milepost																			
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	250-255	255-260	260-265	265-270	270-275	275-280	280-285	285-290	290-295	295-300
Midnight to 12:59	6	8	3	24	6	14	8	19	4	7	7	6	3	5	1	4	1	3	1	2
1 AM to 1:59	3	0	0	9	5	0	1	1	0	2	3	2	5	0	0	0	3	0	0	3
2 AM to 2:59	2	0	6	3	1	0	1	0	1	2	0	0	1	1	1	2	0	1	0	1
3 AM to 3:59	1	0	3	4	3	0	0	1	0	0	0	0	2	0	2	1	0	0	0	0
4 AM to 4:59	0	0	1	1	1	1	1	0	0	0	4	4	1	0	3	3	0	0	0	0
5 AM to 5:59	0	0	1	5	0	1	3	5	0	0	2	4	4	0	1	1	0	0	0	2
6 AM to 6:59	7	14	9	14	16	29	32	26	20	9	9	6	12	18	11	18	4	5	3	6
7 AM to 7:59	26	39	16	32	46	105	75	40	32	18	24	22	46	28	33	43	8	12	5	17
8 AM to 8:59	32	42	27	47	62	66	52	83	29	13	23	25	44	26	23	39	17	19	13	40
9 AM to 9:59	10	22	17	40	31	84	63	37	32	16	23	20	21	13	17	26	18	14	21	28
10 AM to 10:59	22	23	30	47	29	73	75	66	51	27	30	28	20	20	31	28	16	12	12	28
11 AM to 11:59	28	28	23	53	36	74	60	52	28	17	19	19	18	31	10	16	19	8	10	19
12 Noon to 12:59	21	23	33	42	55	74	78	56	28	21	13	16	22	22	25	20	10	6	13	23
1 PM to 1:59	34	20	22	26	34	72	91	36	27	17	28	29	19	17	24	17	11	7	29	32
2 PM to 2:59	25	17	13	48	37	55	44	30	30	4	10	39	28	17	13	16	7	7	7	20
3 PM to 3:59	21	21	30	61	45	78	76	46	44	29	29	35	52	25	30	39	8	8	4	10
4 PM to 4:59	33	19	32	46	52	113	71	63	47	27	26	46	25	14	32	35	12	12	6	36
5 PM to 5:59	25	31	26	54	48	87	88	52	28	24	15	29	26	26	25	26	15	19	13	33
6 PM to 6:59	19	26	27	40	40	64	49	59	31	15	19	21	33	13	27	14	9	10	12	16
7 PM to 7:59	23	14	24	38	28	53	44	43	15	10	17	18	28	9	14	20	7	5	7	15
8 PM to 8:59	31	37	24	25	33	80	48	52	20	12	13	19	22	15	15	12	16	2	2	5
9 PM to 9:59	20	33	23	38	29	62	35	81	36	12	22	17	16	8	16	8	3	3	3	1
10 PM to 10:59	8	17	6	20	18	28	18	58	15	9	10	18	10	4	9	7	6	7	2	5
11 PM to 11:59	11	15	20	28	18	32	15	45	11	5	15	7	12	6	13	4	5	3	3	8

Truck Crashes on I-80 West, From Milepost 300 to 405 (Three or More Truck Crashes)

	Milepost																			
	300-305	305-310	310-315	315-320	320-325	325-330	330-335	335-340	340-345	345-350	350-355	355-360	360-365	365-370	370-375	375-380	380-385	385-390	390-395	395-400	400-405
Midnight to 12:59	0	1	1	0	3	4	1	1	2	0	2	0	0	0	0	1	0	0	0	1	0
1 AM to 1:59	5	2	0	0	0	1	2	0	0	1	0	2	1	0	1	0	0	1	0	0	1
2 AM to 2:59	1	0	0	2	5	2	3	1	1	0	0	2	0	0	1	0	0	1	1	0	0
3 AM to 3:59	0	1	0	0	3	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	1	3	1	0	1	9	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5 AM to 5:59	0	3	0	0	3	3	4	3	1	1	0	1	3	0	0	1	1	0	0	0	1
6 AM to 6:59	2	2	0	0	1	2	4	2	0	0	0	0	0	0	0	1	0	1	0	0	0
7 AM to 7:59	1	2	3	4	1	5	4	4	0	0	0	3	4	0	2	1	1	0	1	1	0
8 AM to 8:59	9	3	1	6	1	10	4	5	7	2	1	3	1	2	1	1	0	0	2	1	0
9 AM to 9:59	0	3	1	1	7	3	1	1	6	0	5	1	4	1	3	2	0	3	1	1	0
10 AM to 10:59	1	1	1	1	2	0	5	2	0	0	1	1	3	0	1	1	0	0	2	0	1
11 AM to 11:59	2	0	2	1	1	2	2	3	0	0	1	2	3	1	1	2	1	0	0	0	2
12 Noon to 12:59	1	1	0	4	4	8	1	0	1	0	0	2	0	1	0	0	0	0	0	0	2
1 PM to 1:59	1	0	3	2	0	4	1	0	1	1	0	4	1	1	1	1	0	0	3	0	0
2 PM to 2:59	2	0	2	2	7	2	3	0	0	3	1	1	2	0	0	2	0	1	0	0	0
3 PM to 3:59	2	0	6	1	6	14	4	1	3	2	2	3	3	0	3	4	0	0	1	2	2
4 PM to 4:59	4	4	4	2	0	10	6	1	1	1	1	7	1	0	1	2	1	1	0	0	1
5 PM to 5:59	2	1	1	4	4	12	8	1	1	0	1	2	2	0	2	0	0	0	0	0	0
6 PM to 6:59	2	0	4	1	2	5	8	3	2	2	2	1	1	3	0	1	1	0	1	0	0
7 PM to 7:59	0	4	2	2	2	2	3	1	1	0	0	2	0	1	0	1	0	1	0	1	0
8 PM to 8:59	0	0	0	1	4	5	1	4	2	0	0	0	1	1	1	0	0	0	0	0	1
9 PM to 9:59	0	1	0	1	1	4	3	3	1	0	2	2	0	0	0	0	0	0	1	0	0
10 PM to 10:59	0	2	3	1	1	4	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0
11 PM to 11:59	2	0	2	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0

Citations on I-80 West, From Milepost 300 to 405 (Greater than 100 Citations)

	Milepost																			
	300-305	305-310	310-315	315-320	320-325	325-330	330-335	335-340	340-345	345-350	350-355	355-360	360-365	365-370	370-375	375-380	380-385	385-390	390-395	395-400	400-405
Midnight to 12:59	3	0	9	13	52	3	4	4	6	0	4	2	7	21	18	20	16	10	3	2	4
1 AM to 1:59	1	1	5	14	11	3	3	0	0	0	0	0	2	0	12	0	1	1	6	0	0
2 AM to 2:59	3	0	2	5	9	2	0	2	1	0	1	6	3	2	11	1	2	5	0	0	1
3 AM to 3:59	0	0	1	1	3	4	3	0	2	0	1	1	0	3	7	0	1	1	1	4	0
4 AM to 4:59	0	1	5	6	7	5	1	1	4	0	0	9	0	2	5	1	0	0	0	0	0
5 AM to 5:59	0	0	1	3	13	0	2	1	2	1	1	7	0	1	3	2	0	0	1	0	0
6 AM to 6:59	3	3	13	16	126	18	6	8	8	1	0	20	16	2	11	2	4	2	2	2	5
7 AM to 7:59	7	7	21	33	231	38	6	8	8	6	12	27	35	18	33	15	7	8	8	7	3
8 AM to 8:59	16	7	29	27	187	39	13	18	8	7	7	9	16	15	80	9	5	6	5	6	5
9 AM to 9:59	16	6	20	34	212	34	11	8	1	5	10	12	7	17	101	13	7	6	5	6	4
10 AM to 10:59	17	7	34	45	217	19	13	22	6	13	3	13	15	19	100	10	12	7	8	12	9
11 AM to 11:59	13	7	29	35	169	27	11	14	3	6	7	16	5	15	112	12	11	5	8	10	7
12 Noon to 12:59	7	11	44	51	245	38	14	8	5	3	5	10	10	12	87	9	10	9	8	6	6
1 PM to 1:59	22	16	42	45	296	34	7	10	9	5	6	10	10	13	92	20	11	4	5	4	11
2 PM to 2:59	18	10	18	46	192	15	5	0	7	0	2	10	10	17	78	16	10	8	4	10	6
3 PM to 3:59	10	4	34	43	183	36	11	14	2	4	1	18	13	18	83	13	21	4	3	4	6
4 PM to 4:59	27	16	27	30	204	30	11	8	1	2	1	18	15	13	67	23	9	0	3	3	1
5 PM to 5:59	18	6	25	47	196	22	24	12	3	2	3	11	16	29	70	13	4	12	1	4	2
6 PM to 6:59	18	14	26	45	187	25	14	10	4	1	1	18	11	18	75	24	8	11	3	7	2
7 PM to 7:59	9	5	36	23	223	17	6	11	5	1	1	14	4	13	42	13	5	7	0	1	4
8 PM to 8:59	5	3	16	35	185	15	5	10	3	3	3	12	4	4	45	11	8	0	2	1	4
9 PM to 9:59	0	2	32	43	199	16	7	4	1	5	2	11	11	9	44	10	3	0	1	0	1
10 PM to 10:59	8	5	30	31	163	15	5	5	2	2	0	8	14	4	30	10	1	2	1	2	0
11 PM to 11:59	1	1	12	32	113	5	4	5	0	0	4	4	2	5	15	10	7	1	0	0	0

Truck Crashes on I-25 North, From Milepost 0 to 100 (Three or More Truck Crashes)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	2	0	1	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0
1 AM to 1:59	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4 AM to 4:59	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
6 AM to 6:59	1	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	0	0
7 AM to 7:59	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0
8 AM to 8:59	4	3	0	0	0	1	0	0	3	0	1	2	1	1	2	0	0	1	1	2
9 AM to 9:59	0	2	1	0	0	1	0	0	0	3	1	0	1	2	1	0	0	0	0	0
10 AM to 10:59	4	2	0	0	0	0	2	0	0	0	3	0	2	0	2	0	1	2	0	0
11 AM to 11:59	2	2	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	0	0
12 Noon to 12:59	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
1 PM to 1:59	1	1	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	2	0
2 PM to 2:59	0	2	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0
3 PM to 3:59	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0
4 PM to 4:59	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
5 PM to 5:59	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
6 PM to 6:59	0	1	0	0	0	0	1	0	1	0	0	0	0	0	2	1	0	0	0	1
7 PM to 7:59	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	1	1	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Citations on I-25 North, From Milepost 0 to 100 (Greater than 100 Citations)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	98	60	23	0	3	2	0	4	2	0	1	1	2	1	10	8	2	0	0	1
1 AM to 1:59	14	28	10	5	1	0	0	2	0	1	3	0	0	2	0	4	3	0	0	0
2 AM to 2:59	6	27	2	0	4	1	0	1	0	0	0	0	0	0	0	1	2	1	0	0
3 AM to 3:59	19	28	6	0	0	0	1	2	0	0	0	1	0	0	2	1	0	0	0	1
4 AM to 4:59	5	22	3	0	0	3	2	1	2	0	0	0	1	2	1	2	1	0	0	0
5 AM to 5:59	16	33	3	2	1	2	2	2	2	1	3	0	1	6	0	4	3	2	0	0
6 AM to 6:59	117	259	30	6	8	7	5	11	1	0	1	3	0	4	2	10	2	5	3	0
7 AM to 7:59	261	371	70	12	17	11	15	17	5	2	3	7	8	7	21	32	35	12	3	3
8 AM to 8:59	221	322	66	15	10	16	20	16	12	4	3	6	20	20	25	47	18	14	10	3
9 AM to 9:59	150	327	56	11	18	17	11	26	8	13	12	9	13	19	42	41	25	13	9	4
10 AM to 10:59	144	349	54	10	23	12	26	17	13	11	8	11	16	33	59	52	27	8	11	4
11 AM to 11:59	146	340	50	7	13	31	20	15	7	0	14	8	13	27	65	70	25	12	8	7
12 Noon to 12:59	105	333	58	9	27	26	17	22	7	2	10	19	31	24	79	76	26	7	11	6
1 PM to 1:59	151	413	66	8	13	28	15	14	2	5	6	12	25	47	66	74	47	5	11	6
2 PM to 2:59	112	322	71	10	11	19	15	5	2	2	4	3	17	19	49	59	31	8	7	1
3 PM to 3:59	95	269	65	11	10	6	10	11	2	2	3	13	26	17	39	73	42	5	11	7
4 PM to 4:59	168	280	53	8	19	29	16	24	3	10	1	9	34	35	56	87	50	10	11	6
5 PM to 5:59	153	199	53	11	23	12	14	6	2	4	16	12	25	8	44	76	37	7	17	6
6 PM to 6:59	99	200	47	9	12	12	17	7	2	1	3	16	19	13	33	59	35	7	7	5
7 PM to 7:59	79	156	48	10	7	12	12	5	9	3	7	13	17	16	35	38	31	3	7	6
8 PM to 8:59	64	143	40	7	8	8	2	4	2	8	9	7	28	17	26	58	31	6	11	7
9 PM to 9:59	65	150	47	3	2	5	3	6	0	2	8	5	13	12	18	42	41	14	5	2
10 PM to 10:59	60	139	57	10	12	3	2	0	0	0	4	4	6	18	31	45	30	2	6	4
11 PM to 11:59	51	105	31	12	4	1	3	2	0	1	2	2	10	4	14	22	12	0	7	0

Truck Crashes on I-25 North, From Milepost 0 to 100 (Greater than 1 Truck Crash)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	2	0	1	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0
1 AM to 1:59	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4 AM to 4:59	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
6 AM to 6:59	1	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	0	0
7 AM to 7:59	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0
8 AM to 8:59	4	3	0	0	0	1	0	0	3	0	1	2	1	1	2	0	0	1	1	2
9 AM to 9:59	0	2	1	0	0	1	0	0	0	3	1	0	1	2	1	0	0	0	0	0
10 AM to 10:59	4	2	0	0	0	0	2	0	0	0	3	0	2	0	2	0	1	2	0	0
11 AM to 11:59	2	2	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	0	0
12 Noon to 12:59	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
1 PM to 1:59	1	1	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	2	0
2 PM to 2:59	0	2	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0
3 PM to 3:59	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0
4 PM to 4:59	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
5 PM to 5:59	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
6 PM to 6:59	0	1	0	0	0	0	1	0	1	0	0	0	0	0	2	1	0	0	0	1
7 PM to 7:59	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	1	1	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Citations on I-25 North, From Milepost 0 to 100 (Greater than 30 Citations)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	98	60	23	0	3	2	0	4	2	0	1	1	2	1	10	8	2	0	0	1
1 AM to 1:59	14	28	10	5	1	0	0	2	0	1	3	0	0	2	0	4	3	0	0	0
2 AM to 2:59	6	27	2	0	4	1	0	1	0	0	0	0	0	0	0	1	2	1	0	0
3 AM to 3:59	19	28	6	0	0	0	1	2	0	0	0	1	0	0	2	1	0	0	0	1
4 AM to 4:59	5	22	3	0	0	3	2	1	2	0	0	0	1	2	1	2	1	0	0	0
5 AM to 5:59	16	33	3	2	1	2	2	2	2	1	3	0	1	6	0	4	3	2	0	0
6 AM to 6:59	117	259	30	6	8	7	5	11	1	0	1	3	0	4	2	10	2	5	3	0
7 AM to 7:59	261	371	70	12	17	11	15	17	5	2	3	7	8	7	21	32	35	12	3	3
8 AM to 8:59	221	322	66	15	10	16	20	16	12	4	3	6	20	20	25	47	18	14	10	3
9 AM to 9:59	150	327	56	11	18	17	11	26	8	13	12	9	13	19	42	41	25	13	9	4
10 AM to 10:59	144	349	54	10	23	12	26	17	13	11	8	11	16	33	59	52	27	8	11	4
11 AM to 11:59	146	340	50	7	13	31	20	15	7	0	14	8	13	27	65	70	25	12	8	7
12 Noon to 12:59	105	333	58	9	27	26	17	22	7	2	10	19	31	24	79	76	26	7	11	6
1 PM to 1:59	151	413	66	8	13	28	15	14	2	5	6	12	25	47	66	74	47	5	11	6
2 PM to 2:59	112	322	71	10	11	19	15	5	2	2	4	3	17	19	49	59	31	8	7	1
3 PM to 3:59	95	269	65	11	10	6	10	11	2	2	3	13	26	17	39	73	42	5	11	7
4 PM to 4:59	168	280	53	8	19	29	16	24	3	10	1	9	34	35	56	87	50	10	11	6
5 PM to 5:59	153	199	53	11	23	12	14	6	2	4	16	12	25	8	44	76	37	7	17	6
6 PM to 6:59	99	200	47	9	12	12	17	7	2	1	3	16	19	13	33	59	35	7	7	5
7 PM to 7:59	79	156	48	10	7	12	12	5	9	3	7	13	17	16	35	38	31	3	7	6
8 PM to 8:59	64	143	40	7	8	8	2	4	2	8	9	7	28	17	26	58	31	6	11	7
9 PM to 9:59	65	150	47	3	2	5	3	6	0	2	8	5	13	12	18	42	41	14	5	2
10 PM to 10:59	60	139	57	10	12	3	2	0	0	0	4	4	6	18	31	45	30	2	6	4
11 PM to 11:59	51	105	31	12	4	1	3	2	0	1	2	2	10	4	14	22	12	0	7	0

Truck Crashes on I-25 North, From Milepost 100 to 200 (Three or More Truck Crashes)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
1 AM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1
7 AM to 7:59	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	1	1	0	0
8 AM to 8:59	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 AM to 9:59	0	0	0	0	0	2	0	0	0	0	0	0	1	1	0	0	0	1	0	0
10 AM to 10:59	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
11 AM to 11:59	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1
1 PM to 1:59	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0
2 PM to 2:59	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	2	1	0	0
4 PM to 4:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1
5 PM to 5:59	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6 PM to 6:59	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0
7 PM to 7:59	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	1
8 PM to 8:59	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9 PM to 9:59	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
10 PM to 10:59	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0
11 PM to 11:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-25 North, From Milepost 100 to 200 (Greater than 100 Citations)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	4	1	1	3	15	3	6	9	14	17	11	13	2	3	8	24	21	11	7
1 AM to 1:59	1	0	0	2	0	2	0	2	5	1	1	0	0	0	2	1	0	10	0	1
2 AM to 2:59	0	1	1	0	0	0	4	3	0	1	0	0	0	0	0	1	1	9	5	1
3 AM to 3:59	0	1	1	0	0	1	0	1	2	0	1	5	0	0	4	1	7	10	3	2
4 AM to 4:59	0	1	2	1	0	1	1	3	0	4	1	3	3	0	1	1	0	19	2	1
5 AM to 5:59	1	2	1	0	0	0	1	1	0	0	2	3	2	0	0	3	1	23	0	0
6 AM to 6:59	3	2	2	1	5	1	2	3	5	5	13	14	10	1	4	30	13	115	16	8
7 AM to 7:59	7	3	7	5	5	14	13	20	7	9	24	19	21	3	4	48	24	166	33	14
8 AM to 8:59	3	18	11	8	6	25	18	14	12	15	23	16	7	4	2	33	37	127	22	14
9 AM to 9:59	11	14	10	13	5	21	19	20	12	14	21	18	6	4	4	23	25	71	15	18
10 AM to 10:59	14	43	15	5	10	33	8	19	15	18	38	30	15	9	5	42	25	80	24	27
11 AM to 11:59	23	37	13	17	10	37	19	48	15	17	39	31	13	5	6	57	29	116	30	20
12 Noon to 12:59	21	40	13	6	13	21	17	28	4	15	22	14	9	1	8	76	36	77	39	33
1 PM to 1:59	20	32	11	9	9	21	15	38	30	17	37	32	8	10	8	65	50	99	31	36
2 PM to 2:59	8	22	4	6	9	12	14	14	10	22	35	23	9	8	15	31	30	74	18	22
3 PM to 3:59	9	9	12	12	7	34	17	20	18	21	25	62	30	7	11	48	20	79	15	4
4 PM to 4:59	12	27	10	6	10	28	20	39	10	17	35	38	14	3	6	74	43	88	26	24
5 PM to 5:59	18	32	9	9	16	39	11	42	12	20	43	26	11	9	11	57	49	104	21	18
6 PM to 6:59	7	19	29	8	21	23	21	46	27	19	29	37	14	7	4	32	25	73	23	15
7 PM to 7:59	10	18	16	10	11	23	16	37	16	23	36	14	9	2	2	31	25	76	25	12
8 PM to 8:59	9	11	3	7	5	25	15	31	21	33	28	23	13	5	4	46	36	60	19	14
9 PM to 9:59	14	14	13	2	6	16	17	23	14	28	35	23	14	8	9	25	34	58	24	10
10 PM to 10:59	5	15	5	11	6	8	16	23	20	26	40	15	4	3	3	20	16	49	13	4
11 PM to 11:59	3	3	4	5	3	2	12	15	8	13	18	19	5	6	3	19	10	27	4	2

Truck Crashes on I-25 North, From Milepost 100 to 200 (Greater than 1 Truck Crash)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
1 AM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1
7 AM to 7:59	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	1	1	0	0
8 AM to 8:59	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 AM to 9:59	0	0	0	0	0	2	0	0	0	0	0	0	1	1	0	0	0	1	0	0
10 AM to 10:59	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
11 AM to 11:59	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1
1 PM to 1:59	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0
2 PM to 2:59	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	2	1	0	0
4 PM to 4:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1
5 PM to 5:59	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6 PM to 6:59	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0
7 PM to 7:59	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	1
8 PM to 8:59	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9 PM to 9:59	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
10 PM to 10:59	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0
11 PM to 11:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-25 North, From Milepost 100 to 200 (Greater than 30 Citations)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	4	1	1	3	15	3	6	9	14	17	11	13	2	3	8	24	21	11	7
1 AM to 1:59	1	0	0	2	0	2	0	2	5	1	1	0	0	0	2	1	0	10	0	1
2 AM to 2:59	0	1	1	0	0	0	4	3	0	1	0	0	0	0	0	1	1	9	5	1
3 AM to 3:59	0	1	1	0	0	1	0	1	2	0	1	5	0	0	4	1	7	10	3	2
4 AM to 4:59	0	1	2	1	0	1	1	3	0	4	1	3	3	0	1	1	0	19	2	1
5 AM to 5:59	1	2	1	0	0	0	1	1	0	0	2	3	2	0	0	3	1	23	0	0
6 AM to 6:59	3	2	2	1	5	1	2	3	5	5	13	14	10	1	4	30	13	115	16	8
7 AM to 7:59	7	3	7	5	5	14	13	20	7	9	24	19	21	3	4	48	24	166	33	14
8 AM to 8:59	3	18	11	8	6	25	18	14	12	15	23	16	7	4	2	33	37	127	22	14
9 AM to 9:59	11	14	10	13	5	21	19	20	12	14	21	18	6	4	4	23	25	71	15	18
10 AM to 10:59	14	43	15	5	10	33	8	19	15	18	38	30	15	9	5	42	25	80	24	27
11 AM to 11:59	23	37	13	17	10	37	19	48	15	17	39	31	13	5	6	57	29	116	30	20
12 Noon to 12:59	21	40	13	6	13	21	17	28	4	15	22	14	9	1	8	76	36	77	39	33
1 PM to 1:59	20	32	11	9	9	21	15	38	30	17	37	32	8	10	8	65	50	99	31	36
2 PM to 2:59	8	22	4	6	9	12	14	14	10	22	35	23	9	8	15	31	30	74	18	22
3 PM to 3:59	9	9	12	12	7	34	17	20	18	21	25	62	30	7	11	48	20	79	15	4
4 PM to 4:59	12	27	10	6	10	28	20	39	10	17	35	38	14	3	6	74	43	88	26	24
5 PM to 5:59	18	32	9	9	16	39	11	42	12	20	43	26	11	9	11	57	49	104	21	18
6 PM to 6:59	7	19	29	8	21	23	21	46	27	19	29	37	14	7	4	32	25	73	23	15
7 PM to 7:59	10	18	16	10	11	23	16	37	16	23	36	14	9	2	2	31	25	76	25	12
8 PM to 8:59	9	11	3	7	5	25	15	31	21	33	28	23	13	5	4	46	36	60	19	14
9 PM to 9:59	14	14	13	2	6	16	17	23	14	28	35	23	14	8	9	25	34	58	24	10
10 PM to 10:59	5	15	5	11	6	8	16	23	20	26	40	15	4	3	3	20	16	49	13	4
11 PM to 11:59	3	3	4	5	3	2	12	15	8	13	18	19	5	6	3	19	10	27	4	2

Truck Crashes on I-25 North, From Milepost 200 to 300 (Three or More Truck Crashes)

		Milepost												
		200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	270-275	280-285	285-290
Midnight to 12:59	0		0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	0		0	0	0	0	0	0	1	0	0	0	0	0
2 AM to 2:59	0		0	0	0	0	0	1	0	0	0	0	0	0
3 AM to 3:59	1		0	0	0	0	0	0	0	1	0	0	0	0
4 AM to 4:59	0		0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0		0	0	0	0	0	0	0	0	1	0	0	0
6 AM to 6:59	0		0	0	0	0	0	0	0	1	0	1	0	0
7 AM to 7:59	0		0	0	0	0	0	0	0	0	1	0	0	0
8 AM to 8:59	1		0	0	0	0	0	0	1	0	0	0	0	0
9 AM to 9:59	0		0	0	0	0	0	0	0	0	0	0	0	0
10 AM to 10:59	0		0	0	1	0	0	0	1	0	0	0	0	0
11 AM to 11:59	0		0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0		0	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0		0	0	0	0	0	0	0	0	0	0	1	0
2 PM to 2:59	0		0	0	0	1	0	0	0	0	0	0	0	0
3 PM to 3:59	0		1	1	0	0	0	0	0	0	0	0	0	1
4 PM to 4:59	0		0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0		0	0	0	0	0	0	0	0	0	0	0	1
6 PM to 6:59	0		0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0		0	1	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0		0	0	0	0	1	0	0	0	0	0	0	0
9 PM to 9:59	0		0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0		0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0		0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-25 North, From Milepost 200 to 300 (Greater than 100 Citations)

	Milepost																			
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	250-255	255-260	260-265	265-270	270-275	275-280	280-285	285-290	290-295	295-300
Midnight to 12:59	3	5	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	4	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	11	15	0	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	16	22	3	14	5	9	5	1	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	13	18	6	10	5	12	13	0	0	0	0	0	0	0	0	0	0	0	0	0
9 AM to 9:59	11	29	2	7	5	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0
10 AM to 10:59	7	25	9	19	11	10	7	1	0	0	0	0	0	0	0	0	0	0	0	0
11 AM to 11:59	31	26	10	10	13	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	30	33	15	15	18	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	40	46	14	23	14	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PM to 2:59	21	24	10	14	8	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	11	10	5	8	1	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	16	24	4	13	6	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	26	25	10	6	9	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0
6 PM to 6:59	15	28	6	10	9	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	7	20	5	1	4	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	12	6	8	6	2	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	4	16	5	2	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	7	7	1	7	1	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	2	5	1	0	0	5	1	0	1	0	0	0	0	0	0	0	0	0	0	0

Truck Crashes on I-25 North, From Milepost 200 to 300 (Greater than 1 Truck Crash)

	Milepost												
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	270-275	280-285	285-290
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	0	0	0	0	0	0	0	1	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	1	0	0	0	0	0	0
3 AM to 3:59	1	0	0	0	0	0	0	0	1	0	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	1	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	1	0	1	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	1	0	0	0
8 AM to 8:59	1	0	0	0	0	0	0	1	0	0	0	0	0
9 AM to 9:59	0	0	0	0	0	0	0	0	0	0	0	0	0
10 AM to 10:59	0	0	0	1	0	0	0	1	0	0	0	0	0
11 AM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	0	0	0	0	0	0	0	0	0	0	1	0
2 PM to 2:59	0	0	0	0	1	0	0	0	0	0	0	0	0
3 PM to 3:59	0	1	1	0	0	0	0	0	0	0	0	0	1
4 PM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	1
6 PM to 6:59	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	1	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	1	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-25 North, From Milepost 200 to 300 (Greater than 30 Citations)

	Milepost																		
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	250-255	255-260	260-265	265-270	270-275	275-280	280-285	285-290	290-295	295-300
Midnight to 12:59	3	5	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	4	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	11	15	0	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	16	22	3	14	5	9	5	1	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	13	18	6	10	5	12	13	0	0	0	0	0	0	0	0	0	0	0	0	0
9 AM to 9:59	11	29	2	7	5	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0
10 AM to 10:59	7	25	9	19	11	10	7	1	0	0	0	0	0	0	0	0	0	0	0	0
11 AM to 11:59	31	26	10	10	13	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	30	33	15	15	18	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	40	46	14	23	14	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PM to 2:59	21	24	10	14	8	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	11	10	5	8	1	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	16	24	4	13	6	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	26	25	10	6	9	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0
6 PM to 6:59	15	28	6	10	9	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	7	20	5	1	4	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	12	6	8	6	2	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	4	16	5	2	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	7	7	1	7	1	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	2	5	1	0	0	5	1	0	1	0	0	0	0	0	0	0	0	0	0	0

Truck Crashes on I-25 South, From Milepost 0 to 100 (Three or More Truck Crashes)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2 AM to 2:59	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	3	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0
6 AM to 6:59	3	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
7 AM to 7:59	0	1	1	0	0	0	0	1	0	2	0	0	0	1	1	0	0	0	0	0
8 AM to 8:59	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	3	0	0
9 AM to 9:59	9	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
10 AM to 10:59	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0
11 AM to 11:59	1	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	1	0
12 Noon to 12:59	2	1	0	0	0	1	0	0	0	0	2	0	0	0	2	0	0	0	0	1
1 PM to 1:59	2	0	1	1	0	0	1	0	1	0	0	0	0	0	2	1	1	0	2	0
2 PM to 2:59	1	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0
4 PM to 4:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
5 PM to 5:59	1	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	0	0	0	0
6 PM to 6:59	0	1	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0
7 PM to 7:59	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1
10 PM to 10:59	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-25 South, From Milepost 0 to 100 (Greater than 100 Citations)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	53	6	8	3	10	5	4	2	0	1	0	3	1	3	3	4	2	0	0	1
1 AM to 1:59	6	11	6	2	6	1	2	1	0	0	1	0	0	1	2	2	3	2	0	0
2 AM to 2:59	14	1	2	2	0	4	1	0	0	0	0	0	0	1	4	0	2	5	0	0
3 AM to 3:59	5	0	4	2	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0
4 AM to 4:59	5	5	3	1	3	1	0	1	2	0	1	0	0	1	1	0	1	0	0	0
5 AM to 5:59	8	6	9	2	2	0	4	3	0	0	0	0	0	0	0	1	1	0	0	3
6 AM to 6:59	47	21	6	7	14	8	5	6	0	1	1	0	0	1	2	2	1	2	2	2
7 AM to 7:59	82	42	45	21	37	28	11	5	1	2	1	0	3	4	3	7	16	6	9	11
8 AM to 8:59	76	58	36	14	18	21	5	16	0	3	6	7	3	10	7	9	10	#	7	8
9 AM to 9:59	68	50	31	18	26	32	22	9	3	2	1	8	9	14	15	11	16	6	6	6
10 AM to 10:59	75	54	36	17	57	52	9	19	3	3	8	6	28	22	29	27	18	#	16	4
11 AM to 11:59	83	58	41	18	51	52	14	8	11	7	7	2	19	31	23	30	21	4	7	6
12 Noon to 12:59	70	48	34	35	58	70	19	12	2	2	6	11	28	19	28	26	22	7	5	6
1 PM to 1:59	73	53	51	43	67	66	20	23	5	1	3	7	24	31	33	50	24	6	12	7
2 PM to 2:59	62	73	64	31	34	45	15	7	8	1	5	4	20	11	36	27	35	#	9	9
3 PM to 3:59	90	62	58	27	50	49	13	15	2	2	1	12	10	19	9	27	26	#	7	10
4 PM to 4:59	110	57	59	42	84	95	23	18	5	7	3	11	12	16	24	20	19	8	9	5
5 PM to 5:59	88	65	46	41	89	68	19	11	8	4	4	10	23	25	24	35	20	#	12	3
6 PM to 6:59	65	37	49	23	36	41	12	10	2	3	4	5	20	34	16	24	14	2	10	8
7 PM to 7:59	64	32	22	14	35	28	3	7	1	3	1	6	11	15	16	16	21	5	4	3
8 PM to 8:59	47	33	33	17	17	14	8	4	1	8	7	1	12	7	15	17	10	5	11	4
10 PM to 10:59	40	35	35	7	14	13	4	3	2	0	3	3	12	6	26	23	19	5	5	6
11 Pm to 11:59	43	34	30	6	8	9	2	3	3	1	1	2	10	4	16	18	10	4	0	5
Midnight to 12:59	19	21	14	6	15	6	3	2	0	1	1	2	4	4	12	25	8	5	6	4

Truck Crashes on I-25 South, From Milepost 0 to 100 (Greater than 1 Truck Crash)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2 AM to 2:59	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	3	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0
6 AM to 6:59	3	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
7 AM to 7:59	0	1	1	0	0	0	0	1	0	2	0	0	0	1	1	0	0	0	0	0
8 AM to 8:59	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	3	0	0
9 AM to 9:59	9	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
10 AM to 10:59	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0
11 AM to 11:59	1	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	1	0
12 Noon to 12:59	2	1	0	0	0	1	0	0	0	0	2	0	0	0	2	0	0	0	0	1
1 PM to 1:59	2	0	1	1	0	0	1	0	1	0	0	0	0	0	2	1	1	0	2	0
2 PM to 2:59	1	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0
4 PM to 4:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
5 PM to 5:59	1	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	0	0	0	0
6 PM to 6:59	0	1	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0
7 PM to 7:59	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1
10 PM to 10:59	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-25 South, From Milepost 0 to 100 (Greater than 30 Citations)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	53	6	8	3	10	5	4	2	0	1	0	3	1	3	3	4	2	0	0	1
1 AM to 1:59	6	11	6	2	6	1	2	1	0	0	1	0	0	1	2	2	3	2	0	0
2 AM to 2:59	14	1	2	2	0	4	1	0	0	0	0	0	0	1	4	0	2	5	0	0
3 AM to 3:59	5	0	4	2	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0
4 AM to 4:59	5	5	3	1	3	1	0	1	2	0	1	0	0	1	1	0	1	0	0	0
5 AM to 5:59	8	6	9	2	2	0	4	3	0	0	0	0	0	0	0	1	1	0	0	3
6 AM to 6:59	47	21	6	7	14	8	5	6	0	1	1	0	0	1	2	2	1	2	2	2
7 AM to 7:59	82	42	45	21	37	28	11	5	1	2	1	0	3	4	3	7	16	6	9	11
8 AM to 8:59	76	58	36	14	18	21	5	16	0	3	6	7	3	10	7	9	10	#	7	8
9 AM to 9:59	68	50	31	18	26	32	22	9	3	2	1	8	9	14	15	11	16	6	6	6
10 AM to 10:59	75	54	36	17	57	52	9	19	3	3	8	6	28	22	29	27	18	#	16	4
11 AM to 11:59	83	58	41	18	51	52	14	8	11	7	7	2	19	31	23	30	21	4	7	6
12 Noon to 12:59	70	48	34	35	58	70	19	12	2	2	6	11	28	19	28	26	22	7	5	6
1 PM to 1:59	73	53	51	43	67	66	20	23	5	1	3	7	24	31	33	50	24	6	12	7
2 PM to 2:59	62	73	64	31	34	45	15	7	8	1	5	4	20	11	36	27	35	#	9	9
3 PM to 3:59	90	62	58	27	50	49	13	15	2	2	1	12	10	19	9	27	26	#	7	10
4 PM to 4:59	110	57	59	42	84	95	23	18	5	7	3	11	12	16	24	20	19	8	9	5
5 PM to 5:59	88	65	46	41	89	68	19	11	8	4	4	10	23	25	24	35	20	#	12	3
6 PM to 6:59	65	37	49	23	36	41	12	10	2	3	4	5	20	34	16	24	14	2	10	8
7 PM to 7:59	64	32	22	14	35	28	3	7	1	3	1	6	11	15	16	16	21	5	4	3
8 PM to 8:59	47	33	33	17	17	14	8	4	1	8	7	1	12	7	15	17	10	5	11	4
10 PM to 10:59	40	35	35	7	14	13	4	3	2	0	3	3	12	6	26	23	19	5	5	6
11 Pm to 11:59	43	34	30	6	8	9	2	3	3	1	1	2	10	4	16	18	10	4	0	5
Midnight to 12:59	19	21	14	6	15	6	3	2	0	1	1	2	4	4	12	25	8	5	6	4

Truck Crashes on I-25 South, From Milepost 100 to 200 (Three or More Truck Crashes)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1 AM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4 AM to 4:59	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	2	0	0	1	2	0	1	0	0	0	0
8 AM to 8:59	0	0	1	0	0	1	1	0	0	2	0	0	0	0	1	0	0	2	0	0
9 AM to 9:59	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	0	1	0	0
10 AM to 10:59	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0
11 AM to 11:59	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	0	0	1
1 PM to 1:59	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	1	0	0	0	0
2 PM to 2:59	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0
3 PM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
4 PM to 4:59	0	0	1	0	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0
5 PM to 5:59	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	2	1	0
6 PM to 6:59	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
7 PM to 7:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	2	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

Citations on I-25 South, From Milepost 100 to 200 (Greater than 100 Citations)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	1	1	1	5	9	12	11	9	23	31	26	7	3	1	4	10	#	8	13
1 AM to 1:59	0	5	0	0	0	1	1	0	0	0	1	0	1	0	0	1	3	#	1	0
2 AM to 2:59	5	0	1	0	0	1	1	2	7	5	1	2	0	0	0	1	2	7	2	1
3 AM to 3:59	0	0	0	7	0	3	0	1	2	0	1	1	2	0	1	2	0	2	0	0
4 AM to 4:59	1	0	1	1	0	0	0	0	0	2	1	1	0	0	0	2	1	#	0	0
5 AM to 5:59	2	3	5	2	0	1	0	1	0	2	6	7	1	2	2	2	1	#	0	2
6 AM to 6:59	2	3	0	1	1	4	0	1	2	6	10	10	7	7	2	22	16	#	18	9
7 AM to 7:59	13	7	1	5	5	12	5	9	17	21	14	13	12	5	5	26	30	#	43	25
8 AM to 8:59	12	22	9	8	4	12	6	14	12	22	23	16	7	2	3	15	31	#	32	43
9 AM to 9:59	19	7	6	7	10	24	16	20	17	40	36	20	8	4	3	8	14	#	37	30
10 AM to 10:59	14	21	7	4	12	16	20	20	13	42	56	45	10	5	8	17	16	#	60	40
11 AM to 11:59	17	35	8	14	12	26	21	20	16	38	53	35	11	2	2	29	20	#	63	59
12 Noon to 12:59	18	12	7	5	7	31	12	23	12	29	39	17	13	2	10	16	33	#	66	48
1 PM to 1:59	17	21	13	4	13	19	20	26	28	47	69	52	8	9	7	29	44	#	44	50
2 PM to 2:59	11	7	6	8	9	18	10	34	15	63	52	40	14	13	4	19	20	#	35	13
3 PM to 3:59	16	10	14	8	4	19	8	30	26	24	46	21	14	10	4	15	12	#	47	25
4 PM to 4:59	26	26	29	9	13	32	14	30	23	33	58	47	15	4	3	21	35	#	60	63
5 PM to 5:59	26	18	14	11	9	23	21	45	22	44	52	31	6	10	6	18	30	#	58	47
6 PM to 6:59	17	11	8	8	7	16	18	23	20	39	59	30	12	3	5	19	18	#	39	44
7 PM to 7:59	6	11	3	4	5	26	9	15	17	31	62	17	5	4	3	13	13	#	33	29
8 PM to 8:59	10	6	7	6	13	12	11	14	21	33	28	17	9	0	7	15	27	#	26	29
10 PM to 10:59	5	3	2	0	3	13	10	10	7	24	38	14	4	6	2	16	17	#	20	13
11 Pm to 11:59	8	9	3	3	2	10	6	13	15	44	32	13	16	9	4	9	7	#	9	5
Midnight to 12:59	3	2	0	2	5	4	3	3	10	18	17	11	0	7	1	9	6	#	7	8

Truck Crashes on I-25 South, From Milepost 100 to 200 (Greater than 1 Truck Crash)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1 AM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4 AM to 4:59	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	2	0	0	1	2	0	1	0	0	0	0
8 AM to 8:59	0	0	1	0	0	1	1	0	0	2	0	0	0	0	1	0	0	2	0	0
9 AM to 9:59	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	0	1	0	0
10 AM to 10:59	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0
11 AM to 11:59	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	0	0	1
1 PM to 1:59	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	1	0	0	0	0
2 PM to 2:59	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0
3 PM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
4 PM to 4:59	0	0	1	0	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0
5 PM to 5:59	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	2	1	0
6 PM to 6:59	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
7 PM to 7:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	2	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

Citations on I-25 South, From Milepost 100 to 200 (Greater than 30 Citations)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	1	1	1	5	9	12	11	9	23	31	26	7	3	1	4	10	#	8	13
1 AM to 1:59	0	5	0	0	0	1	1	0	0	0	1	0	1	0	0	1	3	#	1	0
2 AM to 2:59	5	0	1	0	0	1	1	2	7	5	1	2	0	0	0	1	2	7	2	1
3 AM to 3:59	0	0	0	7	0	3	0	1	2	0	1	1	2	0	1	2	0	2	0	0
4 AM to 4:59	1	0	1	1	0	0	0	0	0	2	1	1	0	0	0	2	1	#	0	0
5 AM to 5:59	2	3	5	2	0	1	0	1	0	2	6	7	1	2	2	2	1	#	0	2
6 AM to 6:59	2	3	0	1	1	4	0	1	2	6	10	10	7	7	2	22	16	#	18	9
7 AM to 7:59	13	7	1	5	5	12	5	9	17	21	14	13	12	5	5	26	30	#	43	25
8 AM to 8:59	12	22	9	8	4	12	6	14	12	22	23	16	7	2	3	15	31	#	32	43
9 AM to 9:59	19	7	6	7	10	24	16	20	17	40	36	20	8	4	3	8	14	#	37	30
10 AM to 10:59	14	21	7	4	12	16	20	20	13	42	56	45	10	5	8	17	16	#	60	40
11 AM to 11:59	17	35	8	14	12	26	21	20	16	38	53	35	11	2	2	29	20	#	63	59
12 Noon to 12:59	18	12	7	5	7	31	12	23	12	29	39	17	13	2	10	16	33	#	66	48
1 PM to 1:59	17	21	13	4	13	19	20	26	28	47	69	52	8	9	7	29	44	#	44	50
2 PM to 2:59	11	7	6	8	9	18	10	34	15	63	52	40	14	13	4	19	20	#	35	13
3 PM to 3:59	16	10	14	8	4	19	8	30	26	24	46	21	14	10	4	15	12	#	47	25
4 PM to 4:59	26	26	29	9	13	32	14	30	23	33	58	47	15	4	3	21	35	#	60	63
5 PM to 5:59	26	18	14	11	9	23	21	45	22	44	52	31	6	10	6	18	30	#	58	47
6 PM to 6:59	17	11	8	8	7	16	18	23	20	39	59	30	12	3	5	19	18	#	39	44
7 PM to 7:59	6	11	3	4	5	26	9	15	17	31	62	17	5	4	3	13	13	#	33	29
8 PM to 8:59	10	6	7	6	13	12	11	14	21	33	28	17	9	0	7	15	27	#	26	29
10 PM to 10:59	5	3	2	0	3	13	10	10	7	24	38	14	4	6	2	16	17	#	20	13
11 Pm to 11:59	8	9	3	3	2	10	6	13	15	44	32	13	16	9	4	9	7	#	9	5
Midnight to 12:59	3	2	0	2	5	4	3	3	10	18	17	11	0	7	1	9	6	#	7	8

Truck Crashes on I-25 South, From Milepost 200 to 300 (Three or More Truck Crashes)

	Milepost																			
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	250-255	255-260	260-265	265-270	270-275	275-280	280-285	285-290	290-295	295-300
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 AM to 9:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
10 AM to 10:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
11 AM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
2 PM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 PM to 6:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0

Citations on I-25 South, From Milepost 200 to 300 (Greater than 100 Citations)

	Milepost													
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	245-250	255-260	260-265	280-285	290-295	295-300
Midnight to 12:59	7	3	4	1	4	3	1	0	0	0	0	1	0	0
1 AM to 1:59	0	2	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	5	0	0	0	0	0	0	0
3 AM to 3:59	1	0	0	0	1	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	0	0	2	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	21	2	3	3	1	3	0	0	0	0	0	0	0	0
7 AM to 7:59	24	10	11	5	1	8	3	0	0	0	0	0	0	0
8 AM to 8:59	31	14	10	13	7	9	3	0	0	0	0	0	0	0
9 AM to 9:59	23	18	5	11	4	9	2	0	0	0	0	0	0	0
10 AM to 10:59	32	28	13	11	15	5	4	0	0	0	0	0	0	0
11 AM to 11:59	44	22	26	13	16	10	6	1	1	0	0	0	0	1
12 Noon to 12:59	40	28	32	14	17	11	7	0	0	0	0	0	0	0
1 PM to 1:59	50	33	35	29	11	8	12	0	0	0	0	0	0	0
2 PM to 2:59	22	12	7	7	14	3	7	0	0	0	0	0	1	0
3 PM to 3:59	33	22	12	5	6	5	2	0	0	0	0	0	0	0
4 PM to 4:59	34	21	22	14	19	2	6	1	0	0	0	0	0	0
5 PM to 5:59	33	21	17	6	6	12	4	0	0	0	2	0	0	0
6 PM to 6:59	29	16	10	9	7	1	1	0	0	0	0	0	0	0
7 PM to 7:59	24	5	6	4	5	1	2	1	0	0	0	0	0	0
8 PM to 8:59	18	10	4	5	3	2	3	0	0	1	0	0	0	0
10 PM to 10:59	3	3	7	7	3	4	1	0	0	0	0	0	0	0
11 Pm to 11:59	8	4	4	3	6	2	0	0	0	0	0	0	0	0
Midnight to 12:59	6	1	3	0	0	3	2	0	0	0	0	0	0	0

Truck Crashes on I-25 South, From Milepost 200 to 300 (Greater than 1 Truck Crash)

	Milepost																			
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	240-245	245-250	250-255	255-260	260-265	265-270	270-275	275-280	280-285	285-290	290-295	295-300
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 AM to 9:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
10 AM to 10:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
11 AM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
2 PM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 PM to 6:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0

Citations on I-25 South, From Milepost 200 to 300 (Greater than 30 Citations)

	Milepost													
	200-205	205-210	210-215	215-220	220-225	225-230	230-235	235-240	245-250	255-260	260-265	280-285	290-295	295-300
Midnight to 12:59	7	3	4	1	4	3	1	0	0	0	0	1	0	0
1 AM to 1:59	0	2	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	5	0	0	0	0	0	0	0
3 AM to 3:59	1	0	0	0	1	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	0	0	2	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	21	2	3	3	1	3	0	0	0	0	0	0	0	0
7 AM to 7:59	24	10	11	5	1	8	3	0	0	0	0	0	0	0
8 AM to 8:59	31	14	10	13	7	9	3	0	0	0	0	0	0	0
9 AM to 9:59	23	18	5	11	4	9	2	0	0	0	0	0	0	0
10 AM to 10:59	32	28	13	11	15	5	4	0	0	0	0	0	0	0
11 AM to 11:59	44	22	26	13	16	10	6	1	1	0	0	0	0	1
12 Noon to 12:59	40	28	32	14	17	11	7	0	0	0	0	0	0	0
1 PM to 1:59	50	33	35	29	11	8	12	0	0	0	0	0	0	0
2 PM to 2:59	22	12	7	7	14	3	7	0	0	0	0	0	1	0
3 PM to 3:59	33	22	12	5	6	5	2	0	0	0	0	0	0	0
4 PM to 4:59	34	21	22	14	19	2	6	1	0	0	0	0	0	0
5 PM to 5:59	33	21	17	6	6	12	4	0	0	0	2	0	0	0
6 PM to 6:59	29	16	10	9	7	1	1	0	0	0	0	0	0	0
7 PM to 7:59	24	5	6	4	5	1	2	1	0	0	0	0	0	0
8 PM to 8:59	18	10	4	5	3	2	3	0	0	1	0	0	0	0
10 PM to 10:59	3	3	7	7	3	4	1	0	0	0	0	0	0	0
11 Pm to 11:59	8	4	4	3	6	2	0	0	0	0	0	0	0	0
Midnight to 12:59	6	1	3	0	0	3	2	0	0	0	0	0	0	0

Truck Crashes on I-90 North, From Milepost 0 to 100 (Three or More Truck Crashes)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
9 AM to 9:59	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
10 AM to 10:59	0	0	0	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0
11 AM to 11:59	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2 PM to 2:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
3 PM to 3:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
6 PM to 6:59	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Pm to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-90 North, From Milepost 0 to 100 (Greater than 100 Citations)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	9	3	1	16	6	0	1	1	0	3	0	1	0	0	1	0	0	0	0	1
1 AM to 1:59	4	0	0	10	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2 AM to 2:59	3	1	0	14	1	2	2	1	2	0	0	0	0	0	4	0	0	0	0	0
3 AM to 3:59	0	1	0	12	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4 AM to 4:59	4	0	0	11	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	4	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	3	0	1	13	13	3	0	0	6	3	2	0	1	2	0	0	0	0	0	0
7 AM to 7:59	29	1	3	28	16	7	2	1	12	11	30	5	2	0	0	0	0	3	0	2
8 AM to 8:59	23	3	5	43	9	4	6	1	10	15	24	2	2	3	1	0	1	0	0	5
9 AM to 9:59	56	14	18	63	25	1	6	2	33	14	28	1	1	3	0	0	3	3	1	3
10 AM to 10:59	70	45	33	68	12	12	14	9	51	17	35	6	10	7	3	1	2	0	1	9
11 AM to 11:59	57	24	15	60	26	8	7	3	30	25	27	9	8	4	4	1	3	1	0	6
12 Noon to 12:59	54	14	6	52	10	9	7	3	20	15	25	3	5	4	1	0	2	1	0	3
1 PM to 1:59	99	34	45	77	24	13	7	8	54	20	58	4	22	5	2	1	2	1	2	1
2 PM to 2:59	93	22	30	66	29	20	17	9	41	10	54	8	10	5	1	0	1	0	0	4
3 PM to 3:59	36	12	9	52	19	3	3	4	23	11	30	10	7	4	3	2	1	0	0	6
4 PM to 4:59	79	36	30	93	20	8	14	8	55	24	66	12	7	3	2	3	3	6	0	0
5 PM to 5:59	54	36	27	63	27	11	9	18	56	25	57	8	14	8	4	4	5	3	0	1
6 PM to 6:59	47	9	7	37	14	4	4	12	24	22	52	8	3	7	1	3	2	1	0	4
7 PM to 7:59	35	10	8	51	12	11	4	4	19	2	32	5	4	2	2	0	1	2	0	0
8 PM to 8:59	37	1	9	41	11	11	4	3	38	14	33	7	0	4	0	0	0	2	0	0
10 PM to 10:59	32	4	7	28	14	10	2	3	22	19	30	7	0	2	0	0	0	0	0	0
11 Pm to 11:59	18	4	8	28	12	2	4	3	8	3	13	1	1	0	0	0	0	0	0	0
Midnight to 12:59	15	2	1	20	11	4	5	0	4	2	1	1	1	0	0	0	0	0	1	0

Truck Crashes on I-90 North, From Milepost 0 to 100 (Greater than 1 Truck Crash)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
9 AM to 9:59	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
10 AM to 10:59	0	0	0	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0
11 AM to 11:59	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
12 Noon to 12:59	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2 PM to 2:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
3 PM to 3:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
6 PM to 6:59	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Pm to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-90 North, From Milepost 0 to 100 (Greater than 30 Citations)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	9	3	1	16	6	0	1	1	0	3	0	1	0	0	1	0	0	0	0	1
1 AM to 1:59	4	0	0	10	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2 AM to 2:59	3	1	0	14	1	2	2	1	2	0	0	0	0	0	4	0	0	0	0	0
3 AM to 3:59	0	1	0	12	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4 AM to 4:59	4	0	0	11	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	4	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	3	0	1	13	13	3	0	0	6	3	2	0	1	2	0	0	0	0	0	0
7 AM to 7:59	29	1	3	28	16	7	2	1	12	11	30	5	2	0	0	0	0	3	0	2
8 AM to 8:59	23	3	5	43	9	4	6	1	10	15	24	2	2	3	1	0	1	0	0	5
9 AM to 9:59	56	14	18	63	25	1	6	2	33	14	28	1	1	3	0	0	3	3	1	3
10 AM to 10:59	70	45	33	68	12	12	14	9	51	17	35	6	10	7	3	1	2	0	1	9
11 AM to 11:59	57	24	15	60	26	8	7	3	30	25	27	9	8	4	4	1	3	1	0	6
12 Noon to 12:59	54	14	6	52	10	9	7	3	20	15	25	3	5	4	1	0	2	1	0	3
1 PM to 1:59	99	34	45	77	24	13	7	8	54	20	58	4	22	5	2	1	2	1	2	1
2 PM to 2:59	93	22	30	66	29	20	17	9	41	10	54	8	10	5	1	0	1	0	0	4
3 PM to 3:59	36	12	9	52	19	3	3	4	23	11	30	10	7	4	3	2	1	0	0	6
4 PM to 4:59	79	36	30	93	20	8	14	8	55	24	66	12	7	3	2	3	3	6	0	0
5 PM to 5:59	54	36	27	63	27	11	9	18	56	25	57	8	14	8	4	4	5	3	0	1
6 PM to 6:59	47	9	7	37	14	4	4	12	24	22	52	8	3	7	1	3	2	1	0	4
7 PM to 7:59	35	10	8	51	12	11	4	4	19	2	32	5	4	2	2	0	1	2	0	0
8 PM to 8:59	37	1	9	41	11	11	4	3	38	14	33	7	0	4	0	0	0	2	0	0
10 PM to 10:59	32	4	7	28	14	10	2	3	22	19	30	7	0	2	0	0	0	0	0	0
11 Pm to 11:59	18	4	8	28	12	2	4	3	8	3	13	1	1	0	0	0	0	0	0	0
Midnight to 12:59	15	2	1	20	11	4	5	0	4	2	1	1	1	0	0	0	0	0	1	0

Truck Crashes on I-90 North, From Milepost 100 to 207 (Three or More Truck Crashes)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
1 AM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
8 AM to 8:59	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
9 AM to 9:59	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0
10 AM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
11 AM to 11:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
12 Noon to 12:59	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
1 PM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
2 PM to 2:59	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3 PM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
6 PM to 6:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Pm to 11:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-90 North, From Milepost 100 to 207 (Greater than 100 Citations)

	Milepost																				
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200	200-205	205-210
Midnight to 12:59	4	6	5	3	3	9	7	7	7	3	2	0	6	1	1	4	4	5	6	5	1	0
1 AM to 1:59	1	0	0	0	2	1	1	1	0	0	0	0	1	0	1	2	2	2	1	1	1	0
2 AM to 2:59	0	1	1	0	0	3	3	1	0	0	0	0	1	0	0	0	0	0	1	2	0	0
3 AM to 3:59	0	0	0	2	1	1	0	0	1	0	0	0	0	0	0	0	3	1	1	0	0	0
4 AM to 4:59	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	0
5 AM to 5:59	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	2	0	2	0	0	1
6 AM to 6:59	0	0	2	1	5	3	2	1	3	2	3	0	2	0	0	1	0	4	6	6	2	0
7 AM to 7:59	3	1	2	9	9	8	9	11	3	8	3	3	6	5	4	5	2	26	26	25	22	3
8 AM to 8:59	0	1	1	4	6	2	9	8	2	3	16	17	8	7	6	7	3	24	30	12	18	2
9 AM to 9:59	3	4	4	5	13	7	4	8	14	9	8	9	8	16	7	9	16	21	33	29	16	2
10 AM to 10:59	3	3	6	11	9	9	6	15	10	10	12	16	7	14	13	6	8	14	24	25	22	1
11 AM to 11:59	5	13	8	19	12	8	11	29	13	14	7	21	12	14	5	15	8	35	32	30	37	7
12 Noon to 12:59	4	11	2	15	15	7	9	17	12	10	13	12	13	7	7	4	7	35	35	27	44	3
1 PM to 1:59	11	15	17	27	19	15	14	19	19	10	4	15	8	11	4	6	19	33	45	36	37	9
2 PM to 2:59	13	9	8	20	29	9	7	12	11	9	5	5	8	4	5	9	14	34	27	34	39	8
3 PM to 3:59	5	5	6	14	28	22	6	14	15	6	3	2	4	11	7	8	10	30	49	58	56	6
4 PM to 4:59	3	3	5	13	22	13	20	24	13	16	7	6	11	26	11	11	29	35	42	37	40	3
5 PM to 5:59	6	2	9	7	20	14	24	13	10	16	17	18	15	25	14	11	17	21	33	29	33	5
6 PM to 6:59	5	0	3	11	19	8	8	14	14	11	9	17	12	16	11	7	7	27	25	34	23	6
7 PM to 7:59	1	0	0	9	17	5	17	9	10	12	17	15	10	5	9	9	13	16	27	26	30	1
8 PM to 8:59	0	3	0	5	5	3	9	4	10	18	13	21	10	18	7	8	7	15	19	37	27	4
10 PM to 10:59	0	3	1	4	6	12	6	9	8	5	14	14	7	2	3	1	2	8	11	18	5	2
11 Pm to 11:59	1	0	0	2	3	6	12	5	6	3	8	7	5	4	0	1	4	17	26	13	5	2
Midnight to 12:59	1	0	3	4	3	12	12	8	4	2	4	5	2	5	2	7	3	8	10	15	4	4

Truck Crashes on I-90 North, From Milepost 100 to 207 (Greater than 1 Crash)

	Milepost																			
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
1 AM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
8 AM to 8:59	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
9 AM to 9:59	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0
10 AM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
11 AM to 11:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
12 Noon to 12:59	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
1 PM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
2 PM to 2:59	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3 PM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
6 PM to 6:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Pm to 11:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-90 North, From Milepost 100 to 207 (Greater than 30 Citations)

	Milepost																				
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200	200-205	205-210
Midnight to 12:59	4	6	5	3	3	9	7	7	7	3	2	0	6	1	1	4	4	5	6	5	1	0
1 AM to 1:59	1	0	0	0	2	1	1	1	0	0	0	0	1	0	1	2	2	2	1	1	1	0
2 AM to 2:59	0	1	1	0	0	3	3	1	0	0	0	0	1	0	0	0	0	0	1	2	0	0
3 AM to 3:59	0	0	0	2	1	1	0	0	1	0	0	0	0	0	0	0	3	1	1	0	0	0
4 AM to 4:59	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	0
5 AM to 5:59	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	2	0	2	0	0	1
6 AM to 6:59	0	0	2	1	5	3	2	1	3	2	3	0	2	0	0	1	0	4	6	6	2	0
7 AM to 7:59	3	1	2	9	9	8	9	11	3	8	3	3	6	5	4	5	2	26	26	25	22	3
8 AM to 8:59	0	1	1	4	6	2	9	8	2	3	16	17	8	7	6	7	3	24	30	12	18	2
9 AM to 9:59	3	4	4	5	13	7	4	8	14	9	8	9	8	16	7	9	16	21	33	29	16	2
10 AM to 10:59	3	3	6	11	9	9	6	15	10	10	12	16	7	14	13	6	8	14	24	25	22	1
11 AM to 11:59	5	13	8	19	12	8	11	29	13	14	7	21	12	14	5	15	8	35	32	30	37	7
12 Noon to 12:59	4	11	2	15	15	7	9	17	12	10	13	12	13	7	7	4	7	35	35	27	44	3
1 PM to 1:59	11	15	17	27	19	15	14	19	19	10	4	15	8	11	4	6	19	33	45	36	37	9
2 PM to 2:59	13	9	8	20	29	9	7	12	11	9	5	5	8	4	5	9	14	34	27	34	39	8
3 PM to 3:59	5	5	6	14	28	22	6	14	15	6	3	2	4	11	7	8	10	30	49	58	56	6
4 PM to 4:59	3	3	5	13	22	13	20	24	13	16	7	6	11	26	11	11	29	35	42	37	40	3
5 PM to 5:59	6	2	9	7	20	14	24	13	10	16	17	18	15	25	14	11	17	21	33	29	33	5
6 PM to 6:59	5	0	3	11	19	8	8	14	14	11	9	17	12	16	11	7	7	27	25	34	23	6
7 PM to 7:59	1	0	0	9	17	5	17	9	10	12	17	15	10	5	9	9	13	16	27	26	30	1
8 PM to 8:59	0	3	0	5	5	3	9	4	10	18	13	21	10	18	7	8	7	15	19	37	27	4
10 PM to 10:59	0	3	1	4	6	12	6	9	8	5	14	14	7	2	3	1	2	8	11	18	5	2
11 Pm to 11:59	1	0	0	2	3	6	12	5	6	3	8	7	5	4	0	1	4	17	26	13	5	2
Midnight to 12:59	1	0	3	4	3	12	12	8	4	2	4	5	2	5	2	7	3	8	10	15	4	4

Truck Crashes on I-90 South, From Milepost 0 to 100 (Three or More Truck Crashes)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	0	0	1	0	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0
9 AM to 9:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10 AM to 10:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 AM to 11:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PM to 2:59	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
6 PM to 6:59	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-90 South, From Milepost 0 to 100 (Greater than 100 Citations)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
12 AM	14	2	1	18	4	9	2	1	2	3	1	0	4	0	0	0	0	0	0	4
1 AM	4	0	0	12	3	2	2	0	0	0	4	0	0	0	0	0	0	0	0	0
2 AM	3	2	2	12	0	0	0	1	0	4	0	0	1	0	0	0	0	0	0	0
3 AM	3	2	2	11	0	0	3	2	0	0	0	0	1	0	0	0	0	0	0	0
4 AM	4	0	1	8	0	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0
5 AM	2	2	0	7	1	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
6 AM	8	0	1	17	2	3	2	0	13	5	3	0	0	0	0	0	0	0	0	4
7 AM	37	0	2	15	24	20	8	8	14	6	9	1	1	0	2	1	0	3	0	0
8 AM	23	4	2	41	7	8	5	7	17	4	10	4	4	1	1	0	3	2	0	3
9 AM	48	5	6	49	14	16	7	15	45	14	15	1	14	3	3	4	1	5	1	3
10 AM	81	7	17	56	30	29	10	16	50	20	24	4	17	4	2	1	2	2	0	4
11 AM	105	12	13	58	23	28	10	23	23	23	20	5	15	3	1	4	1	5	1	13
12 PM	58	4	9	66	21	14	8	24	26	24	14	1	10	7	0	3	7	4	2	11
1 PM	104	5	10	43	24	48	31	41	51	30	17	4	23	4	2	3	0	0	0	9
2 PM	110	4	13	70	40	45	35	29	36	20	21	6	27	3	0	1	4	0	4	3
3 PM	57	0	2	49	14	19	22	14	23	20	18	3	10	3	2	1	1	0	0	5
4 PM	80	5	8	38	16	22	28	34	46	36	27	5	9	5	0	3	6	0	1	4
5 PM	109	10	10	56	18	30	22	45	52	33	36	6	10	4	7	3	2	3	2	5
6 PM	55	4	9	37	19	14	7	54	24	27	19	8	17	2	0	5	0	0	0	2
7 PM	56	2	2	24	21	18	18	19	25	12	15	2	0	2	1	2	1	2	2	0
8 PM	51	3	2	21	15	26	7	26	37	26	16	2	2	0	0	0	0	0	0	0
9 PM	31	8	5	20	11	24	3	6	26	12	10	6	0	1	0	0	0	0	0	0
10 PM	29	2	1	24	14	14	7	5	8	5	3	0	1	1	0	0	0	0	0	1
11 PM	7	0	5	14	9	4	3	7	5	2	4	0	2	0	0	0	0	0	0	0

Truck Crashes on I-90 South, From Milepost 0 to 100 (Greater than 1 Truck Crash)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AM to 3:59	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	0	0	1	0	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0
9 AM to 9:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10 AM to 10:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 AM to 11:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PM to 2:59	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3 PM to 3:59	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
6 PM to 6:59	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Citations on I-90 South, From Milepost 0 to 100 (Greater than 30 Citations)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
12:00 AM	14	2	1	18	4	9	2	1	2	3	1	0	4	0	0	0	0	0	0	4
1:00 AM	4	0	0	12	3	2	2	0	0	0	4	0	0	0	0	0	0	0	0	0
2:00 AM	3	2	2	12	0	0	0	1	0	4	0	0	1	0	0	0	0	0	0	0
3:00 AM	3	2	2	11	0	0	3	2	0	0	0	0	1	0	0	0	0	0	0	0
4:00 AM	4	0	1	8	0	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	2	2	0	7	1	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	8	0	1	17	2	3	2	0	13	5	3	0	0	0	0	0	0	0	0	4
7:00 AM	37	0	2	15	24	20	8	8	14	6	9	1	1	0	2	1	0	3	0	0
8:00 AM	23	4	2	41	7	8	5	7	17	4	10	4	4	1	1	0	3	2	0	3
9:00 AM	48	5	6	49	14	16	7	15	45	14	15	1	14	3	3	4	1	5	1	3
10:00 AM	81	7	17	56	30	29	10	16	50	20	24	4	17	4	2	1	2	2	0	4
11:00 AM	105	12	13	58	23	28	10	23	23	23	20	5	15	3	1	4	1	5	1	13
12:00 PM	58	4	9	66	21	14	8	24	26	24	14	1	10	7	0	3	7	4	2	11
1:00 PM	104	5	10	43	24	48	31	41	51	30	17	4	23	4	2	3	0	0	0	9
2:00 PM	110	4	13	70	40	45	35	29	36	20	21	6	27	3	0	1	4	0	4	3
3:00 PM	57	0	2	49	14	19	22	14	23	20	18	3	10	3	2	1	1	0	0	5
4:00 PM	80	5	8	38	16	22	28	34	46	36	27	5	9	5	0	3	6	0	1	4
5:00 PM	109	10	10	56	18	30	22	45	52	33	36	6	10	4	7	3	2	3	2	5
6:00 PM	55	4	9	37	19	14	7	54	24	27	19	8	17	2	0	5	0	0	0	2
7:00 PM	56	2	2	24	21	18	18	19	25	12	15	2	0	2	1	2	1	2	2	0
8:00 PM	51	3	2	21	15	26	7	26	37	26	16	2	2	0	0	0	0	0	0	0
9:00 PM	31	8	5	20	11	24	3	6	26	12	10	6	0	1	0	0	0	0	0	0
10:00 PM	29	2	1	24	14	14	7	5	8	5	3	0	1	1	0	0	0	0	0	1
11:00 PM	7	0	5	14	9	4	3	7	5	2	4	0	2	0	0	0	0	0	0	0

Truck Crashes on I-90 South, From Milepost 100 to 207 (Three or More Truck Crashes)

	Milepost																				
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200	200-205	205-210
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9 AM to 9:59	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10 AM to 10:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11 AM to 11:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
12 Noon to 12:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
2 PM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
3 PM to 3:59	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
6 PM to 6:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0

Citations on I-90 South, From Milepost 100 to 207 (Greater than 100 Citations)

	Milepost																					
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200	200-205	205-210	220-225
12 AM	1	2	1	1	12	11	16	12	6	1	1	2	5	0	5	3	7	3	2	0	2	1	0
1 AM	1	1	0	0	1	5	1	4	2	0	0	1	1	0	1	0	0	1	3	1	1	0	0
2 AM	0	0	0	0	1	1	1	0	1	0	0	1	0	0	2	2	0	2	0	0	0	0	0
3 AM	0	0	0	0	0	1	0	0	5	0	2	0	0	0	0	5	2	1	1	0	0	0	0
4 AM	0	0	0	0	0	0	1	2	1	0	1	1	0	1	0	3	1	1	0	2	0	0	0
5 AM	0	0	0	0	1	1	2	0	0	1	3	3	0	1	0	1	0	3	1	1	0	0	0
6 AM	2	1	0	1	2	5	5	9	2	4	2	0	0	2	0	0	2	10	1	2	0	0	0
7 AM	6	5	2	7	2	4	15	13	13	4	10	2	1	6	8	9	4	53	10	9	5	1	0
8 AM	2	3	0	1	4	10	18	10	12	5	9	6	11	5	5	7	4	69	20	3	8	0	0
9 AM	6	12	1	4	4	7	10	12	11	18	12	11	14	8	7	10	9	78	6	4	3	1	1
10 AM	3	10	3	3	7	13	13	23	14	9	16	15	12	15	10	13	15	76	28	12	14	1	0
11 AM	10	13	3	5	3	9	9	16	12	6	13	10	18	18	13	12	10	104	25	7	11	4	0
12 PM	9	7	3	5	7	9	8	15	6	8	17	8	16	15	10	20	9	74	11	6	6	1	0
1 PM	13	15	2	11	2	16	21	13	13	11	3	9	12	20	9	17	17	76	24	8	6	2	0
2 PM	8	10	3	7	10	13	12	18	6	9	3	7	6	11	4	8	8	64	19	7	14	4	0
3 PM	8	3	5	6	6	9	26	11	8	7	3	3	2	5	7	8	11	70	19	11	7	6	0
4 PM	7	9	2	4	3	15	15	17	13	8	8	8	8	7	6	10	8	84	28	18	12	5	0
5 PM	18	4	3	7	3	12	22	24	14	6	8	14	7	10	13	10	6	58	22	22	7	4	0
6 PM	2	1	2	3	10	14	17	13	12	10	14	8	16	13	15	15	13	39	21	12	7	3	0
7 PM	1	4	0	2	5	12	17	13	10	3	13	17	10	6	5	14	5	26	11	6	11	0	0
8 PM	2	0	0	0	5	8	14	14	12	4	10	4	8	3	7	4	10	22	9	7	2	2	0
9 PM	0	0	0	0	0	5	9	7	4	12	8	9	9	9	5	7	6	11	7	4	3	1	0
10 PM	1	0	1	0	1	10	12	3	6	3	6	15	9	13	5	7	5	18	16	5	5	1	0
11 PM	0	0	0	0	2	6	8	5	1	1	10	7	4	11	6	6	7	20	10	4	5	2	0

Truck Crashes on I-90 South, From Milepost 100 to 207 (Greater than 1 Truck Crash)

	Milepost																				
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200	200-205	205-210
Midnight to 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
3 AM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
7 AM to 7:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9 AM to 9:59	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10 AM to 10:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11 AM to 11:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
12 Noon to 12:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
2 PM to 2:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
3 PM to 3:59	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
4 PM to 4:59	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
6 PM to 6:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0

Citations on I-90 South, From Milepost 100 to 207 (Greater than 30 Citations)

	Milepost																					
	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140	140-145	145-150	150-155	155-160	160-165	165-170	170-175	175-180	180-185	185-190	190-195	195-200	200-205	205-210	220-225
12:00 AM	1	2	1	1	12	11	16	12	6	1	1	2	5	0	5	3	7	3	2	0	2	1	0
1:00 AM	1	1	0	0	1	5	1	4	2	0	0	1	1	0	1	0	0	1	3	1	1	0	0
2:00 AM	0	0	0	0	1	1	1	0	1	0	0	1	0	0	2	2	0	2	0	0	0	0	0
3:00 AM	0	0	0	0	0	1	0	0	5	0	2	0	0	0	0	5	2	1	1	0	0	0	0
4:00 AM	0	0	0	0	0	0	1	2	1	0	1	1	0	1	0	3	1	1	0	2	0	0	0
5:00 AM	0	0	0	0	1	1	2	0	0	1	3	3	0	1	0	1	0	3	1	1	0	0	0
6:00 AM	2	1	0	1	2	5	5	9	2	4	2	0	0	2	0	0	2	10	1	2	0	0	0
7:00 AM	6	5	2	7	2	4	15	13	13	4	10	2	1	6	8	9	4	53	10	9	5	1	0
8:00 AM	2	3	0	1	4	10	18	10	12	5	9	6	11	5	5	7	4	69	20	3	8	0	0
9:00 AM	6	12	1	4	4	7	10	12	11	18	12	11	14	8	7	10	9	78	6	4	3	1	1
10:00 AM	3	10	3	3	7	13	13	23	14	9	16	15	12	15	10	13	15	76	28	12	14	1	0
11:00 AM	10	13	3	5	3	9	9	16	12	6	13	10	18	18	13	12	10	104	25	7	11	4	0
12:00 PM	9	7	3	5	7	9	8	15	6	8	17	8	16	15	10	20	9	74	11	6	6	1	0
1:00 PM	13	15	2	11	2	16	21	13	13	11	3	9	12	20	9	17	17	76	24	8	6	2	0
2:00 PM	8	10	3	7	10	13	12	18	6	9	3	7	6	11	4	8	8	64	19	7	14	4	0
3:00 PM	8	3	5	6	6	9	26	11	8	7	3	3	2	5	7	8	11	70	19	11	7	6	0
4:00 PM	7	9	2	4	3	15	15	17	13	8	8	8	8	7	6	10	8	84	28	18	12	5	0
5:00 PM	18	4	3	7	3	12	22	24	14	6	8	14	7	10	13	10	6	58	22	22	7	4	0
6:00 PM	2	1	2	3	10	14	17	13	12	10	14	8	16	13	15	15	13	39	21	12	7	3	0
7:00 PM	1	4	0	2	5	12	17	13	10	3	13	17	10	6	5	14	5	26	11	6	11	0	0
8:00 PM	2	0	0	0	5	8	14	14	12	4	10	4	8	3	7	4	10	22	9	7	2	2	0
9:00 PM	0	0	0	0	0	5	9	7	4	12	8	9	9	9	5	7	6	11	7	4	3	1	0
10:00 PM	1	0	1	0	1	10	12	3	6	3	6	15	9	13	5	7	5	18	16	5	5	1	0
11:00 PM	0	0	0	0	2	6	8	5	1	1	10	7	4	11	6	6	7	20	10	4	5	2	0

Truck Crashes on US-30, From Milepost 0 to 100 (Three or More Truck Crashes)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5 AM to 5:59	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	1	0	2	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0
9 AM to 9:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
1 PM to 1:59	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
11 AM to 11:59	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PM to 2:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
3 PM to 3:59	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
4 PM to 4:59	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
6 PM to 6:59	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
7 PM to 7:59	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
9 PM to 9:59	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0

Citations on US-30, From Milepost 0 to 100 (Greater than 100 Citations)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
12 AM	15	9	0	1	1	0	0	0	0	1	3	0	1	0	0	0	1	1	5	7
1 AM	2	1	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	1	0
2 AM	2	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0
3 AM	2	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0
4 AM	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
5 AM	1	7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
6 AM	12	20	0	2	1	1	0	3	4	1	5	0	2	3	0	1	0	0	4	1
7 AM	35	24	0	1	1	1	1	3	0	2	15	2	2	2	0	1	3	2	6	18
8 AM	56	24	4	2	4	6	3	4	9	10	16	0	5	5	6	1	5	4	7	7
9 AM	98	41	4	4	17	10	13	5	13	2	23	2	2	5	6	3	5	6	12	12
10 AM	157	78	6	11	17	10	7	5	3	8	25	2	6	8	3	6	3	2	15	18
11 AM	146	81	9	6	18	9	10	4	8	7	33	2	5	7	6	1	3	0	11	16
12 PM	160	64	8	11	27	23	14	10	7	15	29	1	5	4	5	6	5	2	17	27
1 PM	193	72	7	18	23	18	14	4	16	11	31	0	1	0	6	7	3	3	32	34
2 PM	115	44	3	12	8	15	4	5	3	3	30	3	8	0	4	1	1	0	19	34
3 PM	114	49	5	5	6	2	5	0	5	7	14	2	1	3	0	3	0	1	23	23
4 PM	129	46	7	6	9	8	4	4	8	5	24	5	5	3	4	1	4	1	34	28
5 PM	164	67	9	12	18	18	7	4	5	2	22	2	8	2	2	8	6	2	21	29
6 PM	142	52	7	5	7	17	2	5	7	11	18	3	2	5	1	1	5	3	10	22
7 PM	98	29	4	7	8	6	5	2	2	7	18	0	1	3	4	1	4	3	8	10
8 PM	61	31	4	6	8	11	6	2	7	4	17	0	0	0	2	5	5	2	3	8
9 PM	51	26	0	3	5	5	4	3	3	1	8	0	2	1	2	3	0	0	5	9
10 PM	22	6	2	1	4	2	3	1	5	1	4	0	0	1	0	5	1	0	2	3
11 PM	13	1	1	2	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	1

Table 61. Truck Crashes on US-30, From Milepost 0 to 100 (Greater than 1 Truck Crash)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
Midnight to 12:59	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1 AM to 1:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4 AM to 4:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5 AM to 5:59	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
6 AM to 6:59	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
7 AM to 7:59	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8 AM to 8:59	0	1	0	2	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0
9 AM to 9:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
1 PM to 1:59	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
11 AM to 11:59	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PM to 2:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
3 PM to 3:59	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
4 PM to 4:59	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
5 PM to 5:59	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
6 PM to 6:59	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
7 PM to 7:59	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
8 PM to 8:59	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
9 PM to 9:59	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0

Citations on US-30, From Milepost 0 to 100 (Greater than 30 Citations)

	Milepost																			
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100
12:00 AM	15	9	0	1	1	0	0	0	0	1	3	0	1	0	0	0	1	1	5	7
1:00 AM	2	1	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	1	0
2:00 AM	2	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0
3:00 AM	2	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0
4:00 AM	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
5:00 AM	1	7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
6:00 AM	12	20	0	2	1	1	0	3	4	1	5	0	2	3	0	1	0	0	4	1
7:00 AM	35	24	0	1	1	1	1	3	0	2	15	2	2	2	0	1	3	2	6	18
8:00 AM	56	24	4	2	4	6	3	4	9	10	16	0	5	5	6	1	5	4	7	7
9:00 AM	98	41	4	4	17	10	13	5	13	2	23	2	2	5	6	3	5	6	12	12
10:00 AM	157	78	6	11	17	10	7	5	3	8	25	2	6	8	3	6	3	2	15	18
11:00 AM	146	81	9	6	18	9	10	4	8	7	33	2	5	7	6	1	3	0	11	16
12:00 PM	160	64	8	11	27	23	14	10	7	15	29	1	5	4	5	6	5	2	17	27
1:00 PM	193	72	7	18	23	18	14	4	16	11	31	0	1	0	6	7	3	3	32	34
2:00 PM	115	44	3	12	8	15	4	5	3	3	30	3	8	0	4	1	1	0	19	34
3:00 PM	114	49	5	5	6	2	5	0	5	7	14	2	1	3	0	3	0	1	23	23
4:00 PM	129	46	7	6	9	8	4	4	8	5	24	5	5	3	4	1	4	1	34	28
5:00 PM	164	67	9	12	18	18	7	4	5	2	22	2	8	2	2	8	6	2	21	29
6:00 PM	142	52	7	5	7	17	2	5	7	11	18	3	2	5	1	1	5	3	10	22
7:00 PM	98	29	4	7	8	6	5	2	2	7	18	0	1	3	4	1	4	3	8	10
8:00 PM	61	31	4	6	8	11	6	2	7	4	17	0	0	0	2	5	5	2	3	8
9:00 PM	51	26	0	3	5	5	4	3	3	1	8	0	2	1	2	3	0	0	5	9
10:00 PM	22	6	2	1	4	2	3	1	5	1	4	0	0	1	0	5	1	0	2	3
11:00 PM	13	1	1	2	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	1

Truck Crashes on US-26, From Milepost 0 to 127 (Three or More Truck Crashes)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	35-40	40-45	45-50	50-55	55-60	60-65	65-70	80-85	85-90	90-95	95-100	110-115	115-120	120-125
1 AM to 1:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
5 AM to 5:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
6 AM to 6:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
9 AM to 9:59	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
10 AM to 10:59	1	0	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
11 AM to 11:59	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
1 PM to 1:59	5	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
2 PM to 2:59	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
3 PM to 3:59	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
4 PM to 4:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
6 PM to 6:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
8 PM to 8:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9 PM to 9:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

Citations on US-26 from Milepost 0 to 127 (Greater than 100 Citations)

	Milepost																							
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125
12 AM	70	73	2	0	1	0	1	4	1	1	1	0	1	0	6	10	5	8	6	9	2	2	0	1	0
1 AM	40	39	2	0	0	0	0	2	0	0	0	0	0	0	1	0	0	1	3	2	0	1	0	0	0
2 AM	18	27	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	5	1	0	0	1	0	0
3 AM	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	3	0	0
4 AM	3	2	0	0	0	1	0	2	0	0	0	0	0	1	0	2	0	3	6	0	0	0	0	0	0
5 AM	10	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	3	2	3	2	0	2	0	2	1
6 AM	31	38	0	2	2	1	1	1	0	1	1	0	1	1	3	1	12	20	17	5	1	17	5	3	4
7 AM	75	124	5	2	3	5	0	3	4	2	1	0	0	3	12	6	19	27	13	28	6	32	9	8	6
8 AM	124	115	2	3	6	9	4	6	3	1	1	3	2	16	17	14	18	28	29	30	9	11	12	21	7
9 AM	110	86	5	10	16	3	4	8	2	8	3	2	1	6	24	16	50	52	44	41	11	18	15	15	7
10 AM	168	132	14	12	9	11	8	17	4	5	5	5	1	11	35	33	60	95	59	63	5	28	17	12	9
11 AM	206	207	8	15	5	12	10	26	9	1	7	1	5	25	52	53	95	101	75	80	8	22	20	18	9
12 PM	204	193	10	15	16	16	12	26	7	5	11	2	5	13	43	49	88	115	101	80	15	32	24	23	7
1 PM	223	153	20	22	13	12	13	20	7	0	7	2	3	9	38	40	70	94	78	82	3	32	31	30	12
2 PM	116	111	11	15	10	4	5	20	1	1	0	3	0	1	15	13	37	64	41	52	2	60	26	17	15
3 PM	127	93	18	16	9	10	6	13	2	2	2	0	1	5	11	16	25	49	30	54	1	34	42	16	10
4 PM	206	134	11	15	9	24	10	6	4	6	4	1	1	10	38	41	64	115	66	67	1	27	30	23	11
5 PM	236	172	11	14	10	16	18	13	4	7	5	4	7	8	47	55	95	106	93	82	2	20	22	13	16
6 PM	174	135	9	10	10	11	3	10	1	3	0	3	0	15	38	52	60	103	70	66	1	22	19	12	15
7 PM	83	114	3	8	9	7	2	3	3	1	1	1	2	9	35	31	46	37	55	43	5	34	13	8	15
8 PM	114	115	9	7	5	4	3	6	4	1	0	5	0	7	7	13	16	42	47	24	1	51	12	17	6
9 PM	117	103	5	11	0	5	6	1	3	1	0	2	1	2	10	15	18	31	12	21	4	23	16	9	2
10 PM	108	121	8	1	0	0	2	0	1	1	0	1	0	6	3	4	5	32	27	7	0	32	8	1	7
11 PM	92	108	3	1	3	1	0	1	1	0	0	2	0	0	1	3	5	9	6	7	0	10	7	1	3

Truck Crashes on US-26, From Milepost 0 to 127 (Greater than 1 Truck Crash)

	Milepost																			
	0-5	5-10	10-15	15-20	20-25	25-30	35-40	40-45	45-50	50-55	55-60	60-65	65-70	80-85	85-90	90-95	95-100	110-115	115-120	120-125
1 AM to 1:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 AM to 2:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4 AM to 4:59	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
5 AM to 5:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
6 AM to 6:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 AM to 8:59	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
9 AM to 9:59	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7 AM to 7:59	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
10 AM to 10:59	1	0	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
11 AM to 11:59	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Noon to 12:59	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
1 PM to 1:59	5	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
2 PM to 2:59	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
3 PM to 3:59	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
4 PM to 4:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PM to 5:59	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
6 PM to 6:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PM to 7:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
8 PM to 8:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9 PM to 9:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PM to 10:59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

Citations on US-26, From Milepost 0 to 127 (Greater than 30 Citations)

	Milepost																							
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125
12:00 AM	70	73	2	0	1	0	1	4	1	1	1	0	1	0	6	10	5	8	6	9	2	2	0	1	0
1:00 AM	40	39	2	0	0	0	0	2	0	0	0	0	0	0	1	0	0	1	3	2	0	1	0	0	0
2:00 AM	18	27	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	5	1	0	0	1	0	0
3:00 AM	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	3	0	0
4:00 AM	3	2	0	0	0	1	0	2	0	0	0	0	0	1	0	2	0	3	6	0	0	0	0	0	0
5:00 AM	10	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	3	2	3	2	0	2	0	2	1
6:00 AM	31	38	0	2	2	1	1	1	0	1	1	0	1	1	3	1	12	20	17	5	1	17	5	3	4
7:00 AM	75	124	5	2	3	5	0	3	4	2	1	0	0	3	12	6	19	27	13	28	6	32	9	8	6
8:00 AM	124	115	2	3	6	9	4	6	3	1	1	3	2	16	17	14	18	28	29	30	9	11	12	21	7
9:00 AM	110	86	5	10	16	3	4	8	2	8	3	2	1	6	24	16	50	52	44	41	11	18	15	15	7
10:00 AM	168	132	14	12	9	11	8	17	4	5	5	5	1	11	35	33	60	95	59	63	5	28	17	12	9
11:00 AM	206	207	8	15	5	12	10	26	9	1	7	1	5	25	52	53	95	101	75	80	8	22	20	18	9
12:00 PM	204	193	10	15	16	16	12	26	7	5	11	2	5	13	43	49	88	115	101	80	15	32	24	23	7
1:00 PM	223	153	20	22	13	12	13	20	7	0	7	2	3	9	38	40	70	94	78	82	3	32	31	30	12
2:00 PM	116	111	11	15	10	4	5	20	1	1	0	3	0	1	15	13	37	64	41	52	2	60	26	17	15
3:00 PM	127	93	18	16	9	10	6	13	2	2	2	0	1	5	11	16	25	49	30	54	1	34	42	16	10
4:00 PM	206	134	11	15	9	24	10	6	4	6	4	1	1	10	38	41	64	115	66	67	1	27	30	23	11
5:00 PM	236	172	11	14	10	16	18	13	4	7	5	4	7	8	47	55	95	106	93	82	2	20	22	13	16
6:00 PM	174	135	9	10	10	11	3	10	1	3	0	3	0	15	38	52	60	103	70	66	1	22	19	12	15
7:00 PM	83	114	3	8	9	7	2	3	3	1	1	1	2	9	35	31	46	37	55	43	5	34	13	8	15
8:00 PM	114	115	9	7	5	4	3	6	4	1	0	5	0	7	7	13	16	42	47	24	1	51	12	17	6
9:00 PM	117	103	5	11	0	5	6	1	3	1	0	2	1	2	10	15	18	31	12	21	4	23	16	9	2
10:00 PM	108	121	8	1	0	0	2	0	1	1	0	1	0	6	3	4	5	32	27	7	0	32	8	1	7
11:00 PM	92	108	3	1	3	1	0	1	1	0	0	2	0	0	1	3	5	9	6	7	0	10	7	1	3

Truck Crashes on WY-59, From Milepost 0 to 115 (Three or More Truck Crashes)

	Milepost																						
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115
1 AM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
6 AM to 6:59	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0
7 AM to 7:59	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2
8 AM to 8:59	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2
9 AM to 9:59	1	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0
10 AM to 10:59	1	0	1	1	1	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	0	1
11 AM to 11:59	2	0	0	0	0	0	1	0	1	0	1	0	1	1	0	2	0	0	0	0	0	0	1
12 Noon to 12:59	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	3	1	0	0	0	0	0	2	1	1	0	0	0	0	1	0	0	0	0	1	1	0	2
2 PM to 2:59	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	1
3 PM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1
4 PM to 4:59	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1
5 PM to 5:59	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	1	0	4	3
6 PM to 6:59	3	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	2
7 PM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8 PM to 8:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0
10 PM to 10:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Citations on WY-59 from Milepost 0 to 115 (Greater than 30 Citations)

	Milepost																						
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115
12 AM	60	3	0	0	0	0	0	0	0	0	2	2	4	5	3	6	13	16	11	10	16	17	27
1 AM	2	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	5	0	1	0	2	8	10
2 AM	1	0	0	0	0	3	0	0	1	0	0	0	0	0	0	5	1	0	1	0	0	0	8
3 AM	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1
4 AM	20	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	3	2	2	4	3	3	0
5 AM	54	7	6	4	1	3	1	0	0	0	0	0	0	0	0	6	11	2	8	7	23	11	1
6 AM	80	7	11	9	12	1	0	0	1	0	0	0	7	8	9	13	16	20	23	27	68	43	9
7 AM	73	7	10	7	5	7	2	6	1	0	2	6	17	11	15	21	22	42	42	45	86	40	11
8 AM	67	8	2	6	6	0	3	1	2	0	0	14	7	9	10	32	26	28	26	24	30	21	19
9 AM	72	12	12	9	7	0	1	1	4	0	2	5	11	16	15	15	26	24	23	20	47	24	9
10 AM	117	15	15	13	4	7	4	2	3	1	0	7	14	13	15	13	10	32	18	24	35	21	14
11 AM	112	13	7	8	5	7	6	7	6	2	4	9	19	15	14	15	18	27	39	38	31	28	25
12 PM	60	4	11	7	2	7	4	3	7	2	1	9	14	12	16	15	23	25	24	15	35	22	8
1 PM	109	6	9	6	3	3	3	3	1	4	1	8	20	18	29	22	30	20	27	23	51	29	9
2 PM	55	6	5	2	0	0	5	0	1	0	1	6	10	15	12	13	20	22	19	19	52	40	9
3 PM	52	5	6	3	2	3	1	1	7	0	0	5	24	20	21	11	15	13	11	14	31	39	22
4 PM	84	9	7	4	8	3	0	1	2	0	1	8	33	22	16	14	32	21	47	32	52	46	8
5 PM	123	3	10	6	10	2	2	1	1	0	0	10	26	32	18	15	24	28	45	44	50	49	10
6 PM	118	7	10	7	8	4	0	0	0	2	2	11	17	19	11	27	18	35	43	27	48	32	20
7 PM	90	4	3	2	1	4	1	1	0	0	0	5	14	8	11	17	15	14	18	24	42	34	9
8 PM	46	2	3	4	0	2	1	2	4	2	3	2	4	5	5	13	17	8	13	14	37	29	24
9 PM	20	7	5	1	4	2	1	0	2	0	2	0	0	2	5	1	6	7	6	19	15	25	32
10 PM	11	6	0	0	0	2	1	0	0	0	0	0	1	0	2	5	5	3	0	9	16	13	34
11 PM	21	0	1	0	0	1	1	0	0	0	6	0	2	0	1	3	7	6	9	2	14	23	40

Truck Crashes on WY-59, From Milepost 0 to 115 (Greater than 1 Truck Crash)

	Milepost																						
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115
1 AM to 1:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2 AM to 2:59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
6 AM to 6:59	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0
7 AM to 7:59	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2
8 AM to 8:59	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2
9 AM to 9:59	1	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0
10 AM to 10:59	1	0	1	1	1	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	0	1
11 AM to 11:59	2	0	0	0	0	0	1	0	1	0	1	0	1	1	0	2	0	0	0	0	0	0	1
12 Noon to 12:59	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1 PM to 1:59	3	1	0	0	0	0	0	2	1	1	0	0	0	0	1	0	0	0	0	1	1	0	2
2 PM to 2:59	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	1
3 PM to 3:59	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1
4 PM to 4:59	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
5 AM to 5:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1
5 PM to 5:59	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	1	0	4	3
6 PM to 6:59	3	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	2
7 PM to 7:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8 PM to 8:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
9 PM to 9:59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0
10 PM to 10:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11 PM to 11:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Citations on WY-59, From Milepost 0 to 115 (Greater than 30 Citations)

	Milepost																						
	0-5	10-15	15-20	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115
12:00 AM	60	3	0	0	0	0	0	0	0	0	2	2	4	5	3	6	13	16	11	10	16	17	27
1:00 AM	2	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	5	0	1	0	2	8	10
2:00 AM	1	0	0	0	0	3	0	0	1	0	0	0	0	0	0	5	1	0	1	0	0	0	8
3:00 AM	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1
4:00 AM	20	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	3	2	2	4	3	3	0
5:00 AM	54	7	6	4	1	3	1	0	0	0	0	0	0	0	0	6	11	2	8	7	23	11	1
6:00 AM	80	7	11	9	12	1	0	0	1	0	0	0	7	8	9	13	16	20	23	27	68	43	9
7:00 AM	73	7	10	7	5	7	2	6	1	0	2	6	17	11	15	21	22	42	42	45	86	40	11
8:00 AM	67	8	2	6	6	0	3	1	2	0	0	14	7	9	10	32	26	28	26	24	30	21	19
9:00 AM	72	12	12	9	7	0	1	1	4	0	2	5	11	16	15	15	26	24	23	20	47	24	9
10:00 AM	117	15	15	13	4	7	4	2	3	1	0	7	14	13	15	13	10	32	18	24	35	21	14
11:00 AM	112	13	7	8	5	7	6	7	6	2	4	9	19	15	14	15	18	27	39	38	31	28	25
12:00 PM	60	4	11	7	2	7	4	3	7	2	1	9	14	12	16	15	23	25	24	15	35	22	8
1:00 PM	109	6	9	6	3	3	3	3	1	4	1	8	20	18	29	22	30	20	27	23	51	29	9
2:00 PM	55	6	5	2	0	0	5	0	1	0	1	6	10	15	12	13	20	22	19	19	52	40	9
3:00 PM	52	5	6	3	2	3	1	1	7	0	0	5	24	20	21	11	15	13	11	14	31	39	22
4:00 PM	84	9	7	4	8	3	0	1	2	0	1	8	33	22	16	14	32	21	47	32	52	46	8
5:00 PM	123	3	10	6	10	2	2	1	1	0	0	10	26	32	18	15	24	28	45	44	50	49	10
6:00 PM	118	7	10	7	8	4	0	0	0	2	2	11	17	19	11	27	18	35	43	27	48	32	20
7:00 PM	90	4	3	2	1	4	1	1	0	0	0	5	14	8	11	17	15	14	18	24	42	34	9
8:00 PM	46	2	3	4	0	2	1	2	4	2	3	2	4	5	5	13	17	8	13	14	37	29	24
9:00 PM	20	7	5	1	4	2	1	0	2	0	2	0	0	2	5	1	6	7	6	19	15	25	32
10:00 PM	11	6	0	0	0	2	1	0	0	0	0	0	1	0	2	5	5	3	0	9	16	13	34
11:00 PM	21	0	1	0	0	1	1	0	0	0	6	0	2	0	1	3	7	6	9	2	14	23	40