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DEVELOPMENT AND IMPLEMENTATION OF A PERFORMANCE-RELATED SPECIFICATION FOR A JOINTED PLAIN CONCRETE PAVEMENT— I-39/90/94 MADISON, WISCONSIN

FINAL REPORT



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16. Abstract	•					
The primary objective of this study was	to develop, implement, and e	valuate a Level 1 performance-related				
specification (PRS) for the construction						
specification (1165) for the construction	or a Jonnea phane concrete (or	c) pavement in the state of wisconsin.				
The research entailed a thorough evaluat	tion of the construction qualit	y levels achieved on recent Wisconsin JPC				
		quality evaluation and defined WisDOT				
		g and testing requirements for four acceptance				
quality characteristics (AQCs)-thickne						
performance-based pay factor curves for						
provision in the December 2005 letting of	of a JPC paving project locate	ed on I-39/90/94 near Madison, Wisconsin.				
Implementation of the PRS took place N	larch through June 2006, cor	provision in the December 2005 letting of a JPC paving project located on I-39/90/94 near Madison, Wisconsin. Implementation of the PRS took place March through June 2006, corresponding to the mainline and tied-shoulder				
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FINAL REPORT

Prepared For

Wisconsin Department of Transportation



Bureau of Technical Services 3502 Kinsman Blvd. Madison, WI 53704-2507

Prepared By



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- Mr. Dave Buschkopf, WisDOT Bureau of Project Development
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- Mr. Orville King, WisDOT Northwest Region
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TABLE OF CONTENTS

		<u>Page</u>
1.	INTRODUCTION	1
	BACKGROUND	1
	PERFORMANCE-RELATED SPECIFICATION CONCEPT	2
	STUDY OBJECTIVES AND SCOPE	4
	REPORT ORGANIZATION	4
2.	OVERVIEW OF WISCONSIN I-39/90/94 PROJECT	6
	LOCATION	
	DESIGN	
3.	DEVELOPMENT OF THE PERFORMANCE-RELATED	
	SPECIFICATION	9
	SELECTION OF ACCEPTANCE QUALITY CHARACTERISTICS	
	WISDOT CONCRETE PAVEMENT SPECIFICATIONS	
	ESTABLISHMENT OF AS-DESIGNED TARGET VALUES	
	WISDOT PAVEMENT PERFORMANCE INDICATORS	
	INPUTS USED FOR PAVESPEC 3.0	
	General Information	
	Pavement Design Features	
	Traffic Loadings	16
	Climate	
	M&R Plan	
	Unit Costs	
	DEFINITIONS OF LOTS AND SUBLOTS	
	Lot Definition	
	Sublot Definition	
	Sampling Frequency within Sublots	
	Existing Wisconsin Pay Factor Curves	
	DEVELOPMENT OF PAY FACTOR CURVES USING PAVESPEC 3.0	
	Individual Pay Adjustment Factors	
4	COMPUTATION OF MEAN AND STANDARD DEVIATION OF AQCS	28
4.	IMPLEMENTATION OF THE PERFORMANCE-RELATED	•
	SPECIFICATION	
	PRE-BID MEETING	
	PRE-CONSTRUCTION MEETING	
	CONSTRUCTION	
	Paving Operations	
	Layout of Lots and Sublots	
	Testing and Calculations of Pay Factors	

TABLE OF CONTENTS (CONT.)

Page

5.	EVALUATION OF THE PERFORMANCE-RELATED				
	SPECIFICATION	42			
	QUANTITATIVE ASSESSMENT				
	PRS Pay Factors				
	Comparison of PRS and WisDOT Standard Specification Results				
	QUALITATIVE ASSESSMENT				
	Contractor Assessment				
	WisDOT Assessment	61			
	Qualitative Assessment Summary	63			
6.	SUMMARY AND RECOMMENDATIONS	64			
	SUMMARY	64			
	RECOMMENDATIONS				
	BENEFITS OF PRS				
RI	EFERENCES	67			
A	PPENDIX A. PAVESPEC 3.0 SCREENSHOTS	A-1			
A	PPENDIX B. FINAL PERFORMANCE-RELATED				
	SPECIFICATION	B-1			
A	PPENDIX C. SUMMARY OF ALL DATA IN COMPUTATIONAL				
	SPREADSHEETS FORMAT	C-1			

LIST OF FIGURES

	Pag	
Figure 1.	Basic concepts of LCC-based PRS	
Figure 2.	General location of I-39/90/94 construction project	.6
Figure 3.	Construction limits of I-39/90/94 construction project	.7
Figure 4.	28-day concrete compressive strength pay adjustment curve (applicable to	
	mainline and shoulder pavement lots)	23
Figure 5.	Slab thickness pay adjustment curve (applicable only to mainline pavement lots)2	24
Figure 6.	Slab thickness pay adjustment curve (applicable only to shoulder pavement lots)2	25
Figure 7.	Entrained air content pay adjustment curve (applicable to mainline and	
	shoulder pavement lots)2	26
Figure 8.	Initial smoothness (PI _{0.0}) pay adjustment curve (applicable only to	
	mainline pavement lots)	27
Figure 9.	Progression of PCC paving on I-39/90/94 project	31
Figure 10.	General view of completed concrete pavement on east/southbound I-39/90/94	52
Figure 11.	Remote shot of PCC paving on east/southbound I-39/90/94	53
Figure 12.	PCC placement and paving on inside lane (lane 1) and shoulder on	
	east/southbound I-39/90/94	53
Figure 13.	PCC augering and spreading at paver on inside lane (lane 1) and shoulder on	
	east/southbound I-39/90/94	54
Figure 14.	Completed paving operation on inside lane (lane 1) and shoulder on	
	east/southbound I-39/90/94	54
Figure 15.	Layout of mainline and shoulder pavement lots	6
Figure 16.	Layout of 1-lane sublot and sampling plan	57
Figure 17.	Layout of 2-lane sublot and sampling plan	57
Figure 18.	Entrained air content testing using a pressure meter on east/southbound	
	I-39/90/94	;9
Figure 19.	Casting of cylinder from fresh concrete for 28-day compressive strength testing	
	on east/southbound I-39/90/94	39
Figure 20.	Illustration of spreadsheet used to calculate pay for a given mainline pavement lot4	0
Figure 21.	Illustration of spreadsheet used to calculate pay for a given shoulder pavement lot4	1
Figure 22.	Comparison of PRS and WisDOT thickness pay factors	3
Figure 23.	Comparison of PRS and WisDOT compressive strength pay factors	4
Figure 24.	Comparison of PRS and WisDOT air content pay factors	4
Figure 25.	Comparison of PRS and WisDOT profile/smoothness pay factors	5
Figure 26.	Comparison of PRS thickness requirements and results for mainline pavement4	9
Figure 27.	Comparison of PRS strength requirements and results for mainline pavement4	9
Figure 28.	Comparison of PRS air content requirements and results for mainline pavement5	60
Figure 29.	Comparison of PRS smoothness requirements and results for mainline pavement5	60
Figure 30.	Comparison of PRS thickness requirements and results for shoulder pavement5	61
Figure 31.	Comparison of PRS strength requirements and results for shoulder pavement5	61
Figure 32.	Comparison of PRS air content requirements and results for shoulder pavement5	62

LIST OF FIGURES (CONT.)

		Page
Figure 33.	Summary of PRS pay factor results for mainline pavement	52
Figure 34.	Summary of PRS pay factor results for shoulder pavement	53
Figure 35.	Comparison of pay factors computed using PRS and current WisDOT QMP	
	for each of the 18 mainline pavement lots	57
Figure 36.	Comparison of pay factors computed using PRS and current WisDOT QMP	
-	for each of the 12 shoulder pavement lots	57

LIST OF TABLES

		Page
Table 1.	Summary of data types obtained from seven previous PCC paving projects	11
Table 2.	Summary of PCC compressive strength data from five historical projects	
	in Wisconsin	
Table 3.	Summary of PCC thickness data from six historical projects in Wisconsin	12
Table 4.	Summary of initial smoothness (PI _{0.0}) data from six historical projects	
	in Wisconsin	12
Table 5.	Summary of PCC entrained air content data from five historical projects	
	in Wisconsin	13
Table 6.	Lot AQC target mean and standard deviation and rejectable and maximum	
	quality levels selected for I-39/90/94 project	
Table 7.	Design feature inputs used in PaveSpec 3.0	
Table 8.	Traffic inputs used in PaveSpec 3.0	
Table 9.	Climatic inputs used in PaveSpec 3.0	
Table 10.	Global rehabilitation activities if 20 percent of sublots fail	
Table 11.	Design feature inputs used in PaveSpec 3.0	
Table 12.	Testing procedures used for PRS evaluation	21
Table 13.	28-day concrete compressive strength pay adjustment table (applicable to	
	mainline and shoulder pavement lots)	
Table 14.	Slab thickness pay adjustment table (applicable only to mainline pavement lots).	
Table 15.	Slab thickness pay adjustment table (applicable only to shoulder pavement lots).	25
Table 16.	Entrained air content pay adjustment table (applicable to mainline and	
	shoulder pavement lots)	26
Table 17.	Initial smoothness (PI _{0.0}) pay adjustment table (applicable only to mainline	
	pavement lots)	27
Table 18.	1 0 1	
	standard deviation	29
Table 19.	Quality requirements for concrete pavement under PRS and current	
	WisDOT specifications	
Table 20.		
Table 21.	PRS lot quality and pay factors for the east/southbound mainline	
Table 22.	PRS lot quality and pay factors for the west/northbound shoulders	
	PRS lot quality and pay factors for the east/southbound shoulders	
	Target and as-built AQC values	48
Table 25.	Current WisDOT QMP incentive/disincentive pay adjustment for PCC	
	compressive strength (per yd ² paid for each 500 yd ³ sublot)	54
Table 26.	Current WisDOT QMP disincentive pay adjustment for PCC thickness	
	(per 250-ft section per lane)	54
Table 27.		
	initial smoothness (per 0.1-mi section per lane)	55

LIST OF TABLES (CONT.)

	I	Page
Table 28.	Comparison of pay factors computed using PRS and current WisDOT QMP	-
	for each of the 18 mainline pavement lots	56
Table 29.	Comparison of pay factors computed using PRS and current WisDOT QMP	
	for each of the 12 shoulder pavement lots	56
Table 30.	General survey responses	58
Table 31.	Contractor responses to Question 6a–What average cumulative pay factor did	
	you expect to receive for the PRS sections prior to construction?	59
Table 32.	Contractor responses to Question 6b–Was the pay factor you received worth the	
	effort you spent achieving it?	59
Table 33.	Contractor responses to Question 7–What problems did you see or encounter	
	in preparing for and constructing the I-39/90/94 PRS sections?	59
Table 34.	Contractor responses to Question 8–What changes did you make in the design	
	and/or construction process to avoid penalties or receive bonuses under the PRS?.	60
Table 35.	Contractor responses to Question 9–What changes might you make in the design	
	and/or construction process under similar PRS projects?	60
Table 36.	WisDOT responses to Question 7–What problems did you see or encounter in	
	developing or implementing the I-39/90/94 PRS?	61
Table 37.	WisDOT responses to Question 8–What other possible problems do you	
	foresee in future PRS use?	62

CHAPTER 1. INTRODUCTION

BACKGROUND

Since the late 1980's, there has been a national movement to develop a practical methodology for specifying the construction of jointed plain concrete (JPC) pavements in relation to their expected performance over time. The methodology builds upon the traditional materials-and-methods specifications or quality assurance (QA) specifications used by State Highway Agencies, by linking key materials and construction quality characteristics (e.g., strength, thickness, smoothness) with pavement performance and, subsequently, future pavement upkeep costs.

The underlying premise of the methodology is that lower or more variable materials/ construction quality levels result in reduced pavement performance, which, in turn, requires an agency to spend more money in the future through sooner, more frequent, and/or more comprehensive maintenance and rehabilitation (M&R) work. By passing the expected consequences of particularly good or bad construction quality onto the paving contractor through bonuses or penalties, a more rational approach to construction is achieved, one that is more equitable to both the highway agency and the contractor.

This methodology is known as performance-related specifications (PRS) and its initial development can be traced back to the mid 1980's and the work of the New Jersey Department of Transportation (DOT) (Weed, 1989). The New Jersey DOT developed comprehensive procedures for deriving acceptance plans and payment schedules based on as-constructed Portland cement concrete (PCC) thickness and strength. Using the American Association of State Highway and Transportation Officials (AASHTO) rigid pavement performance equation, the expected difference in performance between a pavement with as-designed and as-constructed quality levels could be computed, with the resulting life-cycle cost difference passed onto the contractor.

The first of four Federal Highway Administration (FHWA)-sponsored studies on PRS for concrete pavements was performed in the late 1980's and resulted in an expansion of the procedure to include surface profile (i.e., smoothness) as a key construction quality attribute (Irick et al., 1990). It also introduced the use of concrete pavement performance models developed in the National Cooperative Highway Research Program (NCHRP) Project 1-19.

The second FHWA-sponsored study took place between 1990 and 1993 (Darter et al., 1993a; Darter et al., 1993b; Okamoto, 1993). Under that study, the first demonstration software (PaveSpec 1) of JPC PRS was developed and an extensive laboratory testing program was conducted to evaluate various PCC material properties (strength, modulus, air content), interstrength relationships (e.g., flexural versus compressive strength, core versus cylinder strength), and the effects of entrained air content on spalling.

In the third FHWA PRS study (1994 through 1998) (Hoerner and Darter, 1999; Hoerner et al., 1999a; Hoerner et al., 1999b; Hoerner, 1999), the variability of key materials/construction

quality characteristics was investigated. Two new characteristics (air content and consolidation around dowels) and new pavement performance models were evaluated, and several field trials of the prototype PRS were conducted. In addition, version 2.0 of the PaveSpec software program was developed, incorporating many of the results of these undertakings.

Performance model refinement was the primary focus of the final FHWA PRS study conducted between 1998 and 2000 (Hoerner et al., 2000; Hoerner and Darter, 2000). Each of four PRS models (transverse joint faulting, transverse slab cracking, transverse joint spalling, and smoothness) were evaluated, improved, and incorporated into PaveSpec Version 3.0.

PERFORMANCE-RELATED SPECIFICATION CONCEPT

Specifications that describe how the finished product should perform over time are described as performance specifications. Performance-related specifications (PRS) are defined as QA specifications that describe the desired levels of key materials and construction acceptance quality characteristics (AQCs) (e.g., concrete strength, slab thickness, and initial smoothness) that have been found to correlate with fundamental engineering properties that predict performance (TRB, 2005). PRS are improved QA specifications. Like QA specifications, PRS specify the desired product quality rather than the desired product performance. However, in PRS, when one specifies quality, they know what performance they are specifying.

Another major difference comes from the methods used to determine the overall pay adjustment for a given lot (i.e., the amount of material or construction produced by the same process). Conventional QA acceptance plans use engineering judgment to establish individual AQC pay adjustments (and weighting factors for each) for determining the overall price adjustment for the lot (FHWA, 1997). PRS, however, use mathematical models (taking AQC values into account) to estimate future pavement performance and corresponding life-cycle costs (LCC's) to compute one overall lot price adjustment (FHWA, 1997).

As illustrated in figure 1, PRS pay adjustments are based on the difference between the LCC's associated with the target (as-designed) pavement and those associated with the as-constructed pavement. AQC target values represent the number or range of values for which a highway agency is willing to pay 100 percent of the contracted unit price for PCC. These AQC targets are used to predict the future performance (using mathematical distress prediction models) and the associated estimated future LCC's defining the as-designed pavement. (Note: The future LCC's include those M&R costs expected to be incurred by the agency and potential users [user costs may be included by the agency] over the life of the project, assuming a given rehabilitation policy.)

The estimated LCC's corresponding to the as-designed quality levels of each AQC are then summarized into one LCC (LCC_{des}) representing the overall quality of the as-designed pavement. The as-constructed AQCs are measured at the time of construction and used to predict the future pavement performance and LCC's associated with the as-constructed pavement. The estimated

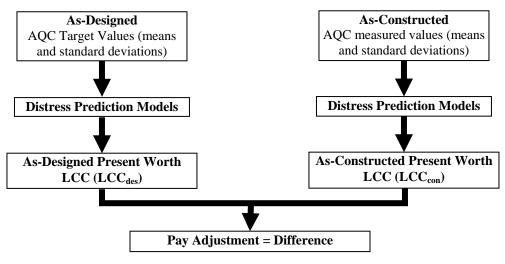


Figure 1. Basic concepts of LCC-based PRS.

LCC's corresponding to the measured as-constructed quality levels of each AQC are then summarized into one LCC (LCC_{con}) representing the overall quality of the as-constructed pavement.

An incentive pay adjustment is computed if the as-constructed quality is measured to be better than the agency-specified target values (due to a predicted increase in pavement life, resulting in a corresponding decrease in LCC's). Conversely, a disincentive pay adjustment is computed if the as-constructed quality is measured to be poorer than the agency-specified target values (due to a predicted decrease in pavement life, resulting in a corresponding increase in LCC's) (Darter et al., 1993a; Darter et al., 1993b, Okamoto, 1993). The amount of the pay adjustment (incentive or disincentive) is determined as a percentage of the bid price using the following equation:

$$PF = 100 \times (BID + (LCC_{des} - LCC_{con})) / BID$$
 Eq. 1

where: PF = Pay Factor, % BID = Contractor's unit price bid for PCC pavement, \$. $LCC_{des} = As$ -designed life-cycle cost per unit length, \\$. $LCC_{con} = As$ -constructed life-cycle cost per unit length, \\$.

PRS can be developed and implemented at different levels of complexity and detail. Level 1 PRS represent the most basic form of PRS and involve only a minor deviation from an agency's QA specifications. Only the most fundamental quality characteristics (e.g., strength, thickness, initial smoothness) are considered in a Level 1 PRS, and changes to the agency's sampling and testing protocol are kept to a minimum. Level 2 PRS is a significant expansion of Level 1 PRS and represents a dynamic transition to an ideal PRS (Level 3) that includes all AQC's that affect pavement performance.

STUDY OBJECTIVES AND SCOPE

The primary objective of this study was to develop, implement, and evaluate a Level 1 PRS for the construction of a JPC pavement in the State of Wisconsin. This specification would provide the Wisconsin Department of Transportation (WisDOT) with a methodology that (a) assures that pavement design assumptions are being fulfilled, (b) promotes high quality construction, and (c) protects the Department from poor workmanship. At the same time, the specification would allow the contractor the maximum freedom in deciding how to perform the construction. Note that for this first Wisconsin PRS project, it was not desired to force an increase in quality through increased AQC requirements (i.e., higher target concrete strength or increased target smoothness). Higher quality may occur as a result of the PRS approach, however. Previous concrete pavement PRS projects have been implemented in Indiana (3), Florida, and Tennessee. The scope of this project consisted of the following tasks:

- 1. **Conduct Project Coordination Meeting** with the Project Oversight Panel to provide an overview of the research project, present the PRS approach, select the AQCs to be included in the Level 1 PRS, identify candidate paving projects, discuss the research project schedule, and arrange for data collection from WisDOT records.
- 2. **Collect and Analyze Pre-Construction Data** on several recent Wisconsin concrete paving projects identified as representative of the project selected for PRS implementation. Data analysis results provided an understanding of the typical quality levels achieved, which were then used as a framework for developing the Level 1 PRS.
- 3. **Develop and Finalize Level 1 PRS** based on a review of existing WisDOT specifications, results of the task 2 data analyses, incorporation of PRS concepts and methodologies, and collaboration with key WisDOT staff regarding proposed PRS inputs, assumptions, and corresponding pay factor curves.
- 4. **Prepare for the Field Trial Implementation of the PRS** through participation in prebid/pre-construction meetings, completion of spreadsheet-based PRS program, and training of WisDOT field staff on use of the program.
- 5. **Implement the PRS** on the selected concrete paving project, providing as-needed assistance to WisDOT field personnel with respect to sampling and testing plan layout, AQC test value reporting, and computation of lot pay factors.
- 6. **Evaluate the PRS** by assessing contractor bidding and paving strategies/practices under the PRS, comparing PRS-based pay factors with conventional specification pay factors, and obtaining feedback from WisDOT and the contractor on the adequacy, practicality, and effectiveness of the PRS.
- 7. **Develop Project Deliverables** including this final report and a presentation of the study results to the Project Oversight Panel.

REPORT ORGANIZATION

This report is presented in six chapters. Chapter 1 is this introduction. Chapter 2 provides an overview of the Wisconsin highway paving project selected for PRS implementation. Chapters 3 and 4 discuss in detail the development and implementation, respectively, of the Level 1 PRS. Chapter 5 reports on the evaluations performed on the PRS and Chapter 6 summarizes the results

of the study and presents key recommendations concerning future PRS development and implementation efforts.

Also included in this report are three appendixes. Appendix A shows the screen shots of PaveSpec 3.0 used in the development of the PRS. Appendix B features the final Level 1 PRS utilized in this study. Appendix C summarizes the primary sets of data collected and analyzed throughout the study.

CHAPTER 2. OVERVIEW OF WISCONSIN I-39/90/94 PROJECT

LOCATION

The PRS developed and evaluated in this study were implemented on a highway reconstruction project (ID 1011-01-88) located on I-39/90/94 north of Madison (see figure 2). The 5-mi project, which extended approximately from County Trunk Highway (CTH) V (Exit 126) to the Dane-Columbia County Line (see figure 3), consisted of a 6-lane mainline concrete pavement, inside and outside tied concrete shoulders, entrance and exit ramps for the CTH V interchange, and various roadside improvements. The PRS were applied to both the mainline pavement and shoulders located within a 4.2-mi segment of the project, between mileposts 123.2 and 127.4 (stations 407+69.5 and 629+00). Ramps were not included in the PRS.



Figure 2. General location of I-39/90/94 construction project.

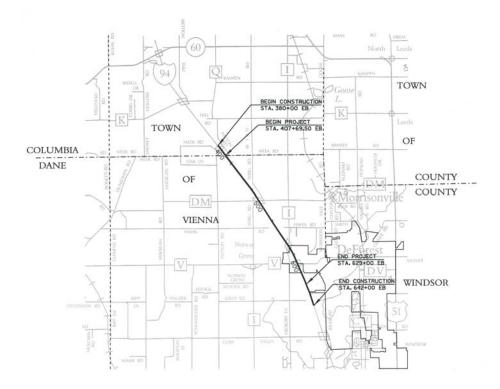


Figure 3. Construction limits of I-39/90/94 construction project.

DESIGN

The design of the pavement cross-section was as follows:

Mainline (12-ft wide lanes)

- 12.5-in jointed plain concrete (JPC) pavement.
- 18-ft transverse joint spacing.
- 1.5-in dowel bars spaced at 12-in intervals at transverse joints.
- No. 4 steel tie bars spaced at 12-in intervals at longitudinal joints.
- 6-in dense aggregate base (existing and new).
- 9-in granular subbase (existing).
- Tied concrete shoulders.

Shoulders (10-ft wide outside, 12-ft wide inside)

- 8-in jointed plain concrete (JPC) pavement.
- 18-ft transverse joint spacing.
- 1.25-in dowel bars spaced at 12-in intervals at transverse joints.
- 10.5-in dense aggregate base.
- 12-in select crushed material.
- Tied to mainline.

The I-39/90/94 project is located in a wet-freeze climate. The mean daily temperature in the area ranges from about 18°F in January to 73°F in July (NOAA, 1983). The mean annual number of days above 90°F is approximately 11, while the mean annual number of days below 32°F is approximately 160. The mean annual precipitation is about 33 in/year.

CHAPTER 3. DEVELOPMENT OF THE PERFORMANCE-RELATED SPECIFICATION

The PRS methodology outlined in the FHWA's *Guide to Developing Performance-Related Specifications* (Hoerner and Darter, 1999) and the PaveSpec 3.0 software were used in developing the PRS for the I-39/90/94 project. As illustrated previously in figure 1, PaveSpec 3.0 computes the pay adjustment (termed pay factor) for a given lot based on the effect of construction quality on the predicted pavement performance and subsequent LCC. The pay adjustment is computed as the difference in LCC between the as-designed "target" pavement and the as-constructed pavement (lot).

SELECTION OF ACCEPTANCE QUALITY CHARACTERISTICS

The following AQCs can be considered directly in the PaveSpec PRS methodology for JPC pavements:

- Concrete strength.
- Slab thickness.
- Initial smoothness.
- Entrained-air content.
- Percent consolidation around dowel bars.

These AQCs affect pavement performance and are under the control of the paving contractor. Of the AQCs listed above, WisDOT includes concrete strength, slab thickness, and initial smoothness in their existing quality management provisions (QMP) for concrete pavements. Entrained air content is also measured and the control limits need to be met in order for the contractor to receive concrete strength incentive pay for that particular lot. After significant discussion with WisDOT, all four current AQCs were selected for use in the PRS for I-39/90/94; percent consolidation around dowel bars was not used. In addition, no significant changes in the test methods from the current WisDOT specifications were specified for this project. The proposed test methods included:

- Compressive Strength—The compressive strength at 28 days is the standard quality characteristic used, and was also used in the WisDOT PRS.
- Slab Thickness—WisDOT measures concrete thickness using thickness probes as part of their conventional quality control (QC) procedures. The same was specified for use on this project.
- Initial Smoothness—As in the current WisDOT specifications, initial smoothness following construction was specified to be measured using the California profilograph with a zero or 0.01-in width blanking band (herein denoted as $PI_{0.0}$).
- Entrained Air Content—Entrained air content measured using a pressure meter was used in the PRS as a factor affecting pavement performance.

WISDOT CONCRETE PAVEMENT SPECIFICATIONS

The current method specifications include the following items:

- Slab Thickness—Measured using a series of two probings at a single longitudinal location selected at random every basic unit (250 lane feet). The transverse locations of the two probings are at locations defined by the contractor in the Quality Control Plan.
- Compressive Strength—Measured by taking cylinders at the paving site and curing them for 28 days to determine their compressive strength. One batch of PCC is taken each 500 yd³, for a minimum of two cylinders. In this case, the average compressive strength of the two cylinders is used. A contractor can choose to cast three cylinders. After breaking two cylinders, if the strength of the lower cylinder is less than 90 percent of the higher cylinder, the contractor can break the third cylinder and the lowest of the three cylinder compressive strengths is discarded. The average of the two higher compressive strengths is used.
- Initial Smoothness—Measured by testing both the inside and the outside wheelpath every 0.1 lane mile using the California profilograph with a zero or 0.01-in width blanking band.
- Entrained Air Content—One entrained air content measurement using a pressure meter is taken for every 500 yd³ of PCC. Additional measurements are taken if air content values are beyond the upper and lower control limits.

Details of measurement and pay are provided later in this chapter.

ESTABLISHMENT OF AS-DESIGNED TARGET VALUES

PRS differ from other QC specifications in that target means and standard deviations are specified instead of minimums. The target means and standard deviations of the AQCs are those values that, if achieved by the contractor for an as-constructed lot, will be paid for at 100 percent of the bid price.

To determine the level of quality currently being achieved, historical data from seven projects were obtained. PCC compressive strength and entrained air content data were obtained from five of these seven projects. PCC thickness and initial smoothness ($PI_{0.0}$) data were obtained from six of these seven projects. A summary of these projects is given in table 1. Tables 2 through 5 show the mean and standard deviation summaries of the historical data for the four AQCs under consideration.

Project ID	Description	Strength	Air Content	Thickness	Initial Smoothness
1160-00-73, 1160-03-61,62,63	IH 39, Stevens Point to Mosinee—Cape	\checkmark	\checkmark	\checkmark	\checkmark
1161-00-73	IH 39, USH 51 to North County Line (Portage)—PCC	\checkmark	\checkmark	\checkmark	\checkmark
1209-02-73	USH 151, Belmont to Platteville—Cape	\checkmark	\checkmark	\checkmark	\checkmark
1517-04-71	USH 10, STH 110 to USH 45—Streu	\checkmark	\checkmark		
1420-09-70/72	/72 USH 151, Madison to Fond du Lac Rd—Streu		\checkmark	\checkmark	\checkmark
5300-03-77	7 USH 12, STH 78 to CTH KP—PCC			\checkmark	
6290-05-72	USH 10, Amherst Junction to CTH A—PCC			\checkmark	

Table 1. Summary of data types obtained from seven previous PCC paving projects.

Table 2. Summary of PCC compressive strength data from five historical projects in Wisconsin.

Project ID	Number of Lots	Number of Sublots	Average Strength, lb/in ²	Strength Standard Deviation, lb/ft ²
1420-09-70/72	9	56	4,976	280
1161-00-73	7	40	3,923	210
1517-04-71	9	60	4,893	261
1209-02-73	18	141	4,928	452
1160-00-73 1160-03-61,62,63	7	85	5,308	505
TOTAL	50	382		
		4,843 (weighted)	402 (weighted)	
Median:			4,979	

Project ID	Number of 500-ft 2-lane Segments	Average Thickness, in	Target Thickness, in	Thickness Difference, in	Thickness Standard Deviation, in
1209-02-73 (EB)	23	9.37	9.50	-0.13	0.20
1209-02-73 (WB)	81	9.43	9.50	-0.07	0.26
1160-00-73 1160-03-61,62,63 (EB)	63	10.90	11.00	-0.10	0.22
1160-00-73 1160-03-61,62,63 (WB)	20	10.84	11.00	-0.16	0.19
5300-03-77	81	9.14	9.00	0.14	0.22
6290-05-72	80	9.91	10.00	-0.09	0.19
1161-00-73	101	11.07	11.00	0.07	0.18
1420-09-70/72	95	10.09	10.00	0.09	0.17
TOTAL	544				
	Mean				0.21 (weighted)
			Median:	-0.08	

Table 3. Summary of PCC thickness data from six historical projects in Wisconsin.

Table 4. Summary of initial smoothness ($PI_{0.0}$) data from six historical projects in Wisconsin.

Project ID	Number of 0.1-mi Segments	Average PI _{0.0} , in/mi	PI _{0.0} Standard Deviation, in/mi
1209-02-73 (EB)	158	21.5	4.8
1209-02-73 (WB)	162	23.7	5.0
1160-00-73 1160-03-61,62,63	178	29.4	13.3
5300-03-77	134	26.5	6.6
6290-05-72	136	22.9	4.6
1161-00-73	142	26.3	4.8
1420-09-70/72	194	23.6	5.9
TOTAL	1,104		
	Mean:	24.8 (weighted)	7.3 (weighted)
	Median:	24.3	

Project ID	Number of Lots	Number of Sublots	Average Air Content, %	Air Content Standard Deviation, %
1420-09-70/72	10	63	6.66	0.33
1161-00-73	8	43	6.67	0.51
1517-04-71	16	112	6.90	0.50
1209-02-73	19	149	6.53	0.74
1160-00-73	7	83	6.54	0.64
TOTAL	60	450		
		Mean:	6.67 (weighted)	0.60 (weighted)
		Median:	6.66	

Table 5. Summary of PCC entrained air content data from five historical projects in Wisconsin.

Tables 2 through 5 show the following:

- PCC Compressive Strength
 - Compressive strength lot averages ranged from 3,543 to 6,078 lb/in². The average strengths for the five projects ranged from 3,923 to 5,308 lb/in² with a weighted mean of 4,843 lb/in² (weighted by the number of lots in each project) and a median for the 50 lots of 4,979 lb/in².
 - Compressive strength lot standard deviations ranged from 66 to 711 lb/in². The average standard deviations for the five projects ranged from 210 to 505 lb/in² with a weighted mean (computed from the mean of the variances and weighted by the number of lots in each project) of 402 lb/in². The median standard deviation for the 50 lots was 277 lb/in².
- PCC Thickness
 - > Average thickness for the six projects representing 544 500-ft long 2-lane segments ranged from a deficit of 0.16 in to a surplus of 0.14 in with a mean of 0.03 in deficit and a median of 0.08 in deficit.
 - Average standard deviations for the six projects representing 544 500-ft long 2-lane segments ranged from 0.17 in to 0.26 in. The weighted mean (computed from the mean of the variances and weighted by the number of 500-ft long 2-lane segments in each project) standard deviation for the six projects was 0.21 in.
- Initial Smoothness
 - > $PI_{0.0}$ for the 1,104 0.1-mile lane segments ranged from 11.7 to 53.2 in/mi. The average $PI_{0.0}$ for the six projects ranged from 21.5 to 29.4 in/mi, with a weighted mean of 24.8 in/mi (weighted by the number of 0.1-mi segments in each project) and a median for the 1,104 segments of 24.3 in/mi.
 - PI_{0.0} standard deviation for the six projects representing 1,104 0.1-mi lane segments, ranged from 4.6 to 13.3 in/mi. The weighted mean (computed from the mean of the variances and weighted by the number of 0.1-mi lane segments in each project) standard deviation for the six projects was 7.3 in/mi.

- Entrained Air Content
 - Entrained air content lot averages ranged from 5.9 to 7.4 percent. The average air contents for the five projects ranged from 6.53 to 6.90 percent, with a weighted mean of 6.67 percent (weighted by the number of lots in each project) and a median for the 60 lots of 6.66 percent.
 - Entrained air content lot standard deviations ranged from 0.10 to 1.74 percent. The average standard deviations for the five projects ranged from 0.33 to 0.74 percent, with a weighted mean (computed from the mean of the variances and weighted by the number of lots in each project) of 0.60 percent. The median standard deviation for the 60 lots was 0.39 percent.

If the WisDOT mean and standard deviation targets for each of the AQCs used for pay adjustment are met, the agency will pay 100 percent of the bid price. Table 6 shows the target quality levels (mean and standard deviations) selected after examination of the results achieved on previous PCC projects and subsequent discussion with the Project Oversight Panel about the impacts of selection of AQC target levels. Summaries of how the target quality levels, as well as the rejectable and maximum quality levels (RQLs and MQLs) (i.e., lower and upper control limits), were set for each AQC, are as follows:

- Slab Thickness—The logical target mean was the design thickness (12.5 in for the mainline pavement and 8.0 in for the shoulder). Specification of anything different would be inappropriate because this is what is called for in the design. To require more than the mean thickness would be artificially adding to the reliability used in the design and is not recommended. The target standard deviation of thickness was set at 0.2 in, which is close to the weighted average standard deviations for the six historical projects. The RQL was set at 1 in below the design thickness (i.e., 12.5 1.0 = 11.5 in), corresponding to WisDOT's current lower control limit. The MQL was set at 13.0 in, the level at which no further incentive is paid.
- PCC Compressive Strength—Although past projects showed a mean compressive strength of 4,843 lb/in² (see table 2), a somewhat lower value of 4,500 lb/in² was selected as representing the quality level desired by WisDOT at 100 percent pay factor. The standard deviation of compressive strength was set slightly higher (500 lb/in²) than the past historical data indicated (402 lb/in²). Current WisDOT QMP plan assumes a target range of 4,200 to 4,300 lb/in² for no incentive/disincentive, and a standard deviation of 550 lb/in². The RQL was set at 3,250 lb/in² and the MQL was set at 5,500 lb/in², following discussions with WisDOT.
- Initial Smoothness (PI_{0.0})—Values of the PI_{0.0} achieved on previous projects showed approximately 25 in/mi. This value was considered too low, since many of the historical projects used for the analysis were the higher quality projects constructed in Wisconsin. After significant discussions with the Project Oversight Panel, a value of 30 in/mi was chosen for the PRS. This value was considered to be more representative of typical quality obtained. This was also done to keep in line with current WisDOT QMP specifications that call for a target of 25.3 to 44.4 in/mi for zero incentive/disincentive pay. The standard deviation of PI_{0.0} was set at 7 in/mi, slightly lower than historical data (7.3 in/mi). The RQL was set at 50 in/mi and the MQL was set at 10 in/mi, following discussions with WisDOT.

Table 6.	Lot AQC target mean and standard deviation and rejectable and maximum quality
	levels selected for I-39/90/94 project.

Acceptance Quality	Lot	t Target Va	lues	• - •		m Quality (Lot)	
Characteristic, AQC	Mean		Standard Deviation	Mean		Mean	
Slab Thickness, in	12.5 ^a Mainline	8.0 ^a Shoulder	0.20 ^a	11.5 ^a Mainline	7.0 ^a Shoulder	13.0 ^a Mainline	8.5 ^a Shoulder
Concrete 28-day Compressive Strength, lb/in ²	4,500 ^b		500 ^b	3,2:	50 ^b	5,5	00 ^b
Air Content, %	7.0 ^c		0.6 ^c	5.:	5°	8.	.5°
Initial Smoothness PI _{0.0} , in/mi	30.0 ^d		7.0^{d}	50.	0^{d}	10	0.0 ^d

^a Thickness: mean and standard deviation computed from eight independent probe measurements per sublot (two measurements per 0.05 lane-mi).

^b Strength: mean and standard deviation computed from averages of two cylinders per sublot.

^c Air content: mean and standard deviation computed from one pressure meter test per sublot.

^d Smoothness: mean and standard deviation computed from four measurements – inside and outside wheelpaths of the lane per 0.1 mi (two pairs per sublot) for mainline pavement only.

• Entrained Air Content—The entrained air content mean target value was chosen as 7.0 percent, with a standard deviation of 0.6 percent, based on historical data and based on current WisDOT specifications. The RQL was set at 5.5 percent and the MQL was set at 8.5 percent, which are the same values used as lower and upper control limits in the current WisDOT QMP. A stipulation was added that allows the contractor to adjust air content as needed within a sublot, and to use prorated test values (i.e., weighted average based on quantity represented by each air content test) in the PRS pay factor calculation.

WISDOT PAVEMENT PERFORMANCE INDICATORS

The PaveSpec PRS uses inputs from the as-designed target lot and predicts performance over a designated analysis period. The key JPC performance indicators included in PaveSpec are as follows:

- Slab transverse fatigue cracking, percent slabs.
- Joint faulting, in.
- Joint spalling, percent joints.
- Smoothness, expressed in terms of the International Roughness Index (IRI), in/mi.

Definitions of these distress types are provided in the FHWA's *Guide to Developing Performance-Related Specifications for PCC Pavements—Volume IV* (Hoerner, 1999).

INPUTS USED FOR PAVESPEC 3.0

This section provides information on the critical terminal values for use in PaveSpec 3.0 analysis of pavement life. Screen shots of the various input and output PaveSpec 3.0 screens are shown in Appendix A.

General Information

- Project Number: I-39/90/94 from Lake Delton to Madison Rd (North County Line to CTH V).
- Location: District 1, Dane County, Wisconsin.
- Project length: 4.2 mi.
- Number of lanes: 3 in each direction.

Pavement Design Features

Table 7 shows the design feature inputs used in PaveSpec 3.0.

Traffic Loadings

Table 8 shows the traffic loading inputs used in PaveSpec 3.0. The listed traffic inputs result in a projected 76 million equivalent single axle loads (ESALs) in the design lane over the 20-year analysis period.

Climate

Table 9 shows the climatic inputs used in PaveSpec 3.0.

M&R Plan

The following M&R activities were established based on discussions and email communication with WisDOT staff:

Maintenance Plan Summary

• No longitudinal joint sealing, transverse joint sealing, or crack sealing is specified as part of the maintenance plan.

Localized Rehabilitation Plan Summary

- Every 1 year, apply 100 percent partial slab replacements to cracked slabs.
- Every 1 year, apply partial-depth repairs to 100 percent of spalled joints.

The rehabilitation frequency of 1 year was selected to evenly distribute the rehabilitation costs.

Design Feature	Value
Design Life, years	20
Pavement Type	JPC
Dowel Bar Diameter, in	1.50
Transverse Joint Spacing, ft	18
Shoulder Type	Tied PCC
PCC Modulus of Elasticity, lb/in ²	4,200,000
Transverse Joint Sealant Type	None
Modulus of Subgrade reaction (k-value), lb/in ² /in	125
Water-Cement Ratio	0.40
Subgrade Material Pass Sieve #200, %	60
Base Type	Aggregate
Base Permeability	No
Base Thickness, in	6
Base Modulus of Elasticity, lb/in ²	20,832
PCC-Base Interface	Unbonded
Base Erodibility Factor (1= totally non-erodible material, 5=granular)	4.5

Table 7. Design feature inputs used in PaveSpec 3.0.

Table 8. Traffic inputs used in PaveSpec 3.0.

Item	Value
ADT (both directions), veh/day	72,825
Growth Type	Compound
Growth Rate, %	1.85
Directional factor, %	50
Commercial trucks, %	22.1
Commercial trucks in outer lane, %	60
Avg. truck load equivalency factor (LEF)	1.60 ESALs/truck ¹

¹ WisDOT Facilities Development Manual recommends a LEF of 1.6 for 3-S2 trucks. The majority of trucks forecasted for I-39/90/94 project were 3-S2.

Table 9. Climatic inputs used in PaveSpec 3.0.

Item	Value
Average Annual Freezing Index, °F-days	1,250
Average Annual Precipitation, in	33
Average Annual Air Freeze-Thaw Cycles	98
Average Annual No. of days > 90°F	11
Climate Zone	Wet-Freeze

Sublot Failure Thresholds

- Consider the sublot failed if cumulative percent cracked slabs exceeds 10 percent.
- Consider the sublot failed if average transverse joint faulting exceeds 0.15 in.
- Consider the sublot failed if IRI exceeds 175 in/mi.
- Consider the sublot failed if cumulative percent joints spalled exceeds 60 percent.

It should be noted that initial smoothness $PI_{0.0}$ values are converted to IRI values using an established relationship within PaveSpec 3.0. The converted IRI values are then used in the IRI performance model to predict time until IRI exceeds 175 in/mi.

If 20 percent of the sublots fail, the global rehabilitation activities in table 10 are to be applied. This selection of 20 percent is important in that it triggers overall lot rehabilitation if 20 percent of the sublots reach a terminal level of cracking, spalling, faulting, or IRI. The estimated cost of the rehabilitation is factored into the life-cycle cost computation, which in turn affects the pay factor. Thus, more variability within the project will result in 20 percent of sublots failing earlier in cracking, spalling, faulting, or IRI.

Unit Costs

Table 11 shows the unit costs estimated for this project and used in PaveSpec 3.0.

Global Rehab Activity	Activities
Prior to Phase I	 Repair 100% of outstanding spalled joints with partial-depth repairs.
r nor to r nase r	 Repair 100% of outstanding cracked slabs with partial slab replacements.
	 Assumed Life: 8 years
Phase I (Diamond Grinding)	 Starting IRI: 50 in/mi
	 Terminal IRI: 175 in/mi
	 Assumed Life: 8 years
Phase II (Diamond Grinding)	 Starting IRI: 50 in/mi
	 Terminal IRI: 175 in/mi
	 Assumed Life: 15 years
Phase III (AC Overlay)	 Starting IRI: 50 in/mi
	 Terminal IRI: 175 in/mi
	 Assumed Life: 15 years
Phase IV (AC Overlay)	 Starting IRI: 50 in/mi
	 Terminal IRI: 175 in/mi

Table 10.	Global rehabilitation	activities if	if 20 percent of sublots fail.	
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Cost Item	Unit Cost (in 2006 Dollars)
Transverse Joint Sealing	N/A
Longitudinal Joint Sealing	N/A
Transverse Crack Sealing	N/A
Local: Partial-depth repairs of transverse joints ^a , \$/joint-ft	18.00
Local: Full slab replacements	N/A
Local: Partial slab replacements ^b , \$/yd ²	65.00
Global: AC overlay, \$/yd ²	9.00
Global: Diamond grinding, \$/yd ²	2.50
Percent User Cost	0.25 (provides about the right amount of user impact on pay factor)
Estimated bid price, \$/yd ²	30.00 (contractors bid for 12.5-in JPC)
Annual interest rate, %	8
Annual inflation rate, %	3
Annual discount rate ^c , %	5

Table 11. Design feature inputs used in PaveSpec 3.0.

^a Length of partial-depth repair of transverse joints = 12 in (typically across the full lane-width).

^b Length of partial slab replacement = 6 ft (typically across the full lane-width).

^c Discount rate \approx interest rate – inflation rate.

DEFINITIONS OF LOTS AND SUBLOTS

The PRS AQCs of thickness, entrained air content, compressive strength, and initial smoothness must each be measured within each sublot. All values measured within the lot are combined to compute a mean and standard deviation for the lot. The pay adjustment for a given lot is then computed by PaveSpec 3.0 software using these values in the simulation. Pay is determined on a lot-by-lot basis, not by the sublot.

There must be precise and easily understood definitions of lots and sublots, as ambiguity can cause significant problems in the field. Thus, sublots were set at a constant 0.2 lane-mi area to provide simple, consistent testing methods. Sublot boundaries are marked and maintained until finalizing the payment computation. Each lot is divided into a minimum of four sublots for sampling and testing purposes. Markers are placed every 0.1 mi along the mainline traffic lanes to aid in determining the lot and sublot limits.

The definitions of lot, sublot, and sampling frequency for thickness, entrained air content, concrete compressive strength, and initial smoothness are presented below.

Lot Definition

A pavement lot is defined as the amount of material or construction produced by the same process, so that each AQC is likely to be from the same distribution. Each lot is one paving pass in width and can be equal to one or two traffic lanes. A lot cannot be divided into two adjacent

or separated paving lanes but can include work from one or more days of paving. Within a lot, the sublots exist consecutively (longitudinally) along the same paving width.

For the I-39/90/94, the minimum lot size was defined as four sublots. For one-lane paving, each lot was defined as one lane wide and at least 0.8 mi long. For two-lane paving each lot was defined as two lanes wide and at least 0.4 mi long. The maximum lot size was defined as eight sublots. The engineer had the option to terminate a lot if there was any reason to believe that a special cause affected the process and resulted in a significant shift in the mean or standard deviation of any of the AQCs. If the lot length was less than 0.8 mi for a one-lane lot and 0.4 mi for a two-lane lot, the lot was allowed to be grouped with the next lot. If the last lot in the paving project was less than 0.8 mi for a one-lane lot and 0.4 mi for a two-lane lot, the lot was allowed to be grouped with the next lot.

A partial lot is defined as a lot for which concrete strength testing was conducted on none or only one of the planned sublots due to premature stoppage of paving. Premature stoppage of paving is defined as the stoppage of pavement construction operations due to unexpected conditions such as weather or equipment problems.

For the I-39/90/94 project, partial lots were allowed to be combined with the previous or next days paving to produce a full lot with a minimum length of 0.8 mi (for a one-lane lot) and 0.4 mi (for a two-lane lot) and a maximum length of 1.6 mi for a one-lane lot and 0.8 mi for a two-lane lot. If the combined length of paving of a partial lot and the current lot being paved was greater than 1.6 mi for a one-lane lot and 0.8 mi for a two-lane lot, the lot would still be limited to 1.6 mi for a one-lane lot and 0.8 mi for a two-lane lot and another partial lot would be identified to be added to the next lot. If a section of paving had been designated as a partial lot but could not be combined with the adjacent lot (e.g., a one-lane widening or tapered paving that is less than 0.8 mi), as described above, or if it was the last lot in the paving project and was less than 0.8 mi for a one-lane lot and 0.4 mi for a two-lane lot, they were allowed to be grouped with a previous lot. This was allowed even if it resulted in a lot that was greater than 1.6 mi for a one-lane lot and 0.8 mi for a two-lane lot, they were allowed to be grouped with a previous lot.

Sublot Definition

For the I-39/99/94 project, for one-lane paving, each sublot was defined as one lane wide and 0.2 mi long. For two-lane paving, each sublot was defined as two lanes wide and 0.1 mi long. This was done for $PI_{0.0}$ measurement and for field location expediency. In cases when there was a partial sublot which belonged to a particular lot (due to operational changes or end of paving), the engineer had the discretion to allow the length of one sublot within that lot to exceed the constant value of 0.1 mi for a two-lane sublot and 0.2 mi for a one-lane sublot.

Sampling Frequency within Sublots.

Table 12 lists the test procedures used for measuring slab thickness, compressive strength, air content, and initial smoothness under the PRS. The sampling frequencies for these AQCs within a given 500-ft sublot are described below.

- Slab Thickness—The contractor probing of the freshly placed concrete is the primary method for determining thickness. All probing tests are performed as specified in WisDOT's CMM 4-25-70. For each sublot, eight probe (four pairs) measurements are performed. For a one-lane 0.2-mi sublot, two probings at four longitudinal locations selected at random every 0.05 mi are performed. For a two-lane 0.1-mi sublot, two probings at two longitudinal locations per lane selected at random every 0.05 mi per lane are performed. The individual probings at all locations are reported, and not the averages of two readings per longitudinal location.
- Concrete Strength—The compressive strength testing is performed as described in WisDOT's QMP Concrete Pavement, Item 415.3000.S and Incentive Strength Concrete Pavement, Item 415.2000.S. The contractor has the option of casting two or three cylinders for 28-day compressive strength testing. The sublot strength is the average of two sublot QC test cylinders chosen by the contractor.
- Entrained Air Content—The air content is tested as described in B.7.5 of QMP Concrete Pavement, Item 415.3000.S and Incentive Strength Concrete Pavement, Item 415.2000.S. The sublot air content is the reading of one pressure meter measurement tested on the same sample used for QC strength cylinders.
- Initial Smoothness (PI_{0.0})—The pavement surface smoothness is tested as described in WisDOT's Profiling Concrete Pavement special provision. For each sublot, four profile measurements (one measurement on inside and outside wheelpath of each of two segments) are taken. For a one-lane 0.2-mi sublot, the sublot is divided into two equal longitudinal segments. For a two-lane 0.1-mi sublot, each lane is one segment. The profile measurements of each individual wheelpath for each segment is reported, and not the average of the two wheelpaths. Profile traces are not taken on shoulders and ramps.

Acceptance Quality Characteristic (AQC)	Test Method ^a
Slab Thickness, in	Probes (CMM 4-25-70)
28-day Compressive Strength, lb/in ²	Cylinders (AASHTO T 22, T 23, T 141, M 201)
Air Content, %	Pressure Meter (AASHTO T 152 ^b)
Initial Smoothness (PI _{0.0}), in/mi	Department-approved profile measuring device with zero or 0.01-in blanking band

Table 12. Testing procedures used for PRS evaluation.

^a All AQCs must be measured within the same sublot limits.

^b As modified in CMM 4-25-70.

Existing Wisconsin Pay Factor Curves

The existing WisDOT pay factor curves are provided in Chapter 5 and compared with the final PRS pay factor curves. The WisDOT QMP program provides incentive and disincentive pay for PCC 28-day compressive strength and for initial smoothness, PI_{0.0}. The main difference between the WisDOT QMP program and the PRS is that there are no incentives available with the existing WisDOT QMP program for thickness, only disincentives. No incentives or disincentives are available with the existing WisDOT QMP program for the existing WisDOT QMP program for entrained air content. However, if the entrained air content is outside the control limits, the PCC 28-day compressive strength incentive is not paid for that lot.

DEVELOPMENT OF PAY FACTOR CURVES USING PAVESPEC 3.0

PRS recognize that higher quality products have additional value and provide payment adjustment for this higher quality up to a maximum value. PRS also recognize that marginal quality products have reduced value and advocate payment reduction instead of requiring complete removal, unless the pavement is so deficient that replacement or corrective action is warranted.

Individual Pay Adjustment Factors

Pay adjustment factors for the four concrete pavement AQCs are determined using the pay factor curves shown in figures 4 through 8 or tables 13 through 17. These curves and tables were developed using the PaveSpec 3.0 software and slightly adjusted based on input from the Oversight Panel. They account for the mean and standard deviation of the AQCs for the selected pavement project. Linear interpolation or extrapolation is used between the values shown in these tables, if needed.

Figure 4 and table 13 show that as strength increases within the specified limits, the pay factor increases due to greater resistance to fatigue cracking from repeated truck loadings, resulting in fewer cracked slabs and lower rehabilitation costs. Also, the lower the variability (as indicated by standard deviation) of strength, the higher the pay factor. This is caused by fewer slabs containing low strength concrete.

Figure 5 and table 14 show that as the mainline pavement slab thickness increases within the specified limits, the pay factor increases. This is due to greater resistance to fatigue cracking from repeated truck loadings, resulting in fewer cracked slabs and lower rehabilitation costs. Also, the lower the variability (as indicated by standard deviation) of thickness, the higher the pay factor. This results from having fewer thin slabs. Note that as the slab thickness increases from 12.5 to 13 in, the gain in pay factor is not very significant within the range shown because of the conservative thickness design used (12.5 in, as determined using the AASHTO 1972 design procedure) relative to the models in the PRS software. The models in the PRS software are based on mechanistic-empirical (M-E) principles, whereas the AASHTO 1972 models were developed empirically.

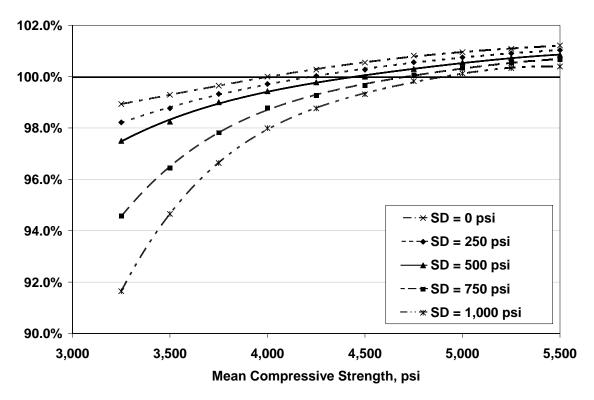


Figure 4. 28-day concrete compressive strength pay adjustment curve (applicable to mainline and shoulder pavement lots).

Table 13. 28-day concrete compressive strength pay adjustment table
(applicable to mainline and shoulder pavement lots).

Mean Compressive	% Pay Factor Corresponding to Compressive Strength Standard Deviation of:					
Strength, lb/in ²	0 lb/in ²	250 lb/in ²	500 lb/in ^{2 a}	750 lb/in²	1,000 lb/in ²	
3,250	98.93	98.22	97.50	94.57	91.65	
3,500	99.29	98.77	98.25	96.45	94.66	
3,750	99.65	99.33	99.00	97.82	96.63	
4,000	100.00	99.71	99.43	98.78	97.99	
4,250	100.27	100.02	99.78	99.27	98.76	
4,500 ^a	100.55	100.27	100.00	99.66	99.31	
4,750	100.82	100.56	100.30	100.06	99.82	
5,000	100.95	100.75	100.55	100.34	100.12	
5,250	101.08	100.90	100.72	100.53	100.33	
5,500	101.21	101.03	100.85	100.68	100.39	

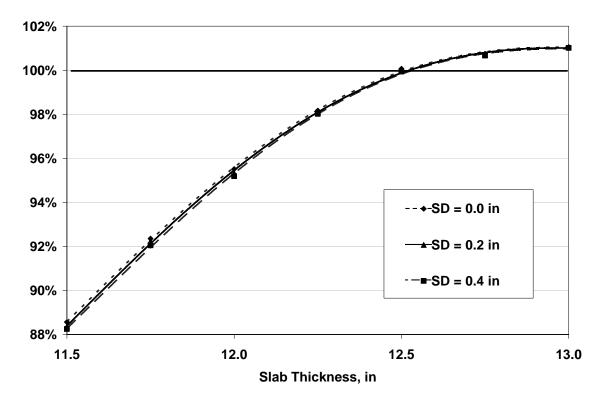


Figure 5. Slab thickness pay adjustment curve (applicable only to mainline pavement lots).

Mean Slab Thickness, in	% Pay Factor Corresponding to Slab Thickness Standard Deviation of:				
1 mckness, m	0.00 in	0.20 in ^a	0.40 in		
11.50	88.56	88.36	88.25		
11.75	92.35	92.23	92.05		
12.00	95.51	95.33	95.19		
12.25	98.16	98.09	98.02		
12.50 ^a	100.06	100.00	99.94		
12.75	100.74	100.70	100.66		
13.00	101.05	101.03	101.01		

Table 14. Slab thickness pay adjustment table (applicable only to mainline pavement lots).

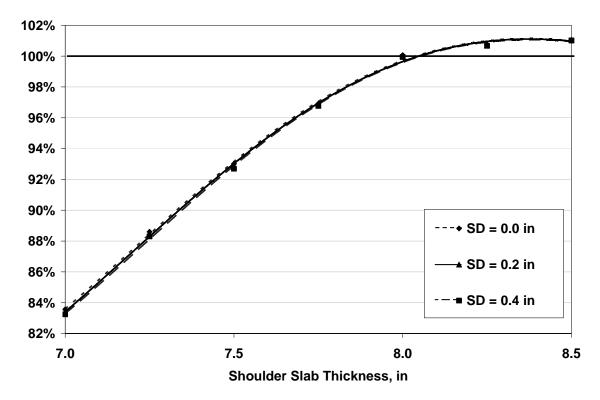


Figure 6. Slab thickness pay adjustment curve (applicable only to shoulder pavement lots).

Mean Slab Thickness, in	% Pay Factor Corresponding to Slab Thickness Standard Deviation of:				
	0.00 in	0.20 in ^a	0.40 in		
7.00	83.56	83.36	83.25		
7.25	88.60	88.48	88.30		
7.50	93.01	92.83	92.69		
7.75	96.91	96.84	96.77		
8.00^{a}	100.06	100.00	99.94		
8.25	100.74	100.70	100.66		
8.50	101.05	101.03	101.01		

Table 15. Slab thickness pay adjustment table (applicable only to shoulder pavement lots).

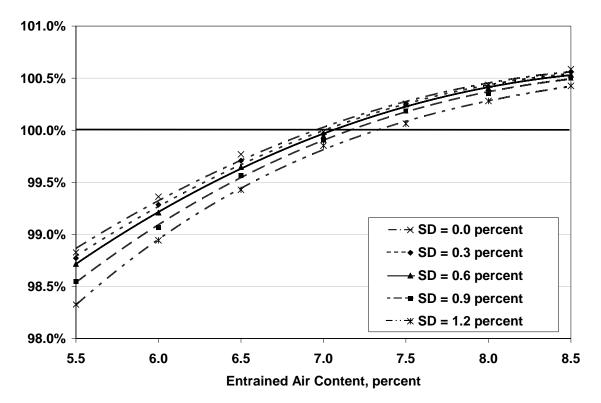


Figure 7. Entrained air content pay adjustment curve (applicable to mainline and shoulder pavement lots).

Mean Air Content, %	% Pay Factor Corresponding to Air Content Standard Deviation of:					
	0.0%	0.3%	0.6% ^a	0.9%	1.2%	
5.5	98.87	98.79	98.71	98.54	98.34	
6.0	99.32	99.27	99.21	99.09	98.97	
6.5	99.71	99.67	99.63	99.55	99.47	
7.0 ^a	100.06	100.03	100.00	99.93	99.87	
7.5	100.28	100.25	100.23	100.18	100.12	
8.0	100.45	100.44	100.41	100.37	100.33	
8.5	100.56	100.54	100.53	100.49	100.48	

Table 16. Entrained air content pay adjustment table (applicable to mainline and shoulder pavement lots).

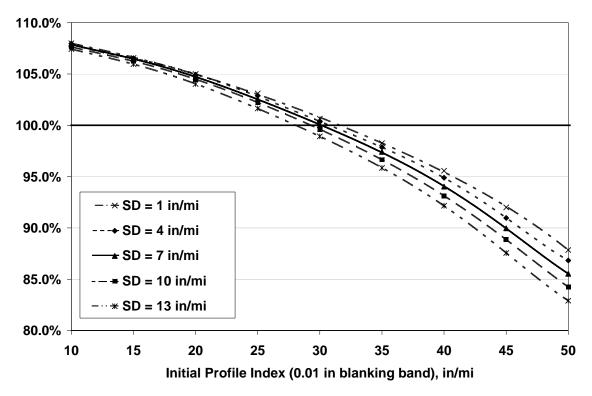


Figure 8. Initial smoothness (PI_{0.0}) pay adjustment curve (applicable only to mainline pavement lots).

Table 17. Initial smoothness (PI_{0.0}) pay adjustment table (applicable only to mainline pavement lots).

% Pay Factor Corresponding to PI _{0.0} Standard Deviation of:									
1 in/mi	4 in/mi	7 in/mi ^a	10 in/mi	13 in/mi					
107.99	107.95	107.87	107.63	107.42					
106.56	106.53	106.47	106.25	105.96					
105.00	104.93	104.71	104.47	104.02					
103.10	102.89	102.55	102.24	101.64					
100.63	100.33	100.00	99.57	98.92					
98.25	97.85	97.41	96.66	95.84					
95.56	94.89	94.02	93.11	92.16					
91.99	90.97	89.96	88.86	87.55					
87.85	86.83	85.53	84.23	82.90					
	1 in/mi 107.99 106.56 105.00 103.10 100.63 98.25 95.56 91.99	1 in/mi4 in/mi107.99107.95106.56106.53105.00104.93103.10102.89100.63100.3398.2597.8595.5694.8991.9990.97	1 in/mi4 in/mi7 in/mi ^a 107.99107.95107.87106.56106.53106.47105.00104.93104.71103.10102.89102.55100.63100.33100.0098.2597.8597.4195.5694.8994.0291.9990.9789.96	1 in/mi4 in/mi7 in/mia10 in/mi107.99107.95107.87107.63106.56106.53106.47106.25105.00104.93104.71104.47103.10102.89102.55102.24100.63100.33100.0099.5798.2597.8597.4196.6695.5694.8994.0293.1191.9990.9789.9688.86					

^a Target quality level

The slab cracking model in PRS predicts that increasing the slab thickness to, say, 13 in, does not greatly improve performance, because the PRS models do not predict any significant amount of cracking for this design. For thinner pavement designs (e.g., 9 to 11 in), this change would be much more dramatic. In developing the models, adjustments were made to ensure that the percent decrease in pay at every point along the curve was greater than the percent decrease in PCC thickness to discourage the contractor from constructing at or just above the RQL.

The PCC shoulders were also included in the PRS for I-39/90/94. The design thickness for these shoulders was specified as 8.0 in. Since no traffic and failure modeling of shoulders are available in PaveSpec 3.0, the models from the mainline pavement were adapted to the shoulder pavement by shifting the curves along the abscissa (x-axis) 4.5 in to account for the 4.5 in difference in thickness between the shoulder and the mainline pavement (see figure 6 and table 15).

Adjustments were also made to ensure that the percent decrease in pay at every point along the curve was greater than the percent decrease in PCC thickness to discourage the contractor from constructing at or just above the RQL.

Figure 7 and table 16 show that as entrained air content increases within the specified limits, the pay factor increases to the MQL. Higher percentage of entrained air in the PCC results in fewer durability problems over the life of the pavement, thus resulting in less spalling, increased smoothness, and lower rehabilitation costs. Also, the lower the variability of the entrained air content, the higher the pay factor, as fewer sublots reach the terminal spalling and IRI levels, yielding lower rehabilitation costs.

Figure 8 and table 17 show that as initial smoothness improves (lower $PI_{0.0}$) within the specified limits, the pay factor increases. This is due to longer pavement life from better initial smoothness (i.e., smoother pavements last longer). Also, the lower the variability (as indicated by standard deviation) of $PI_{0.0}$, the higher the pay factor. This is caused by fewer sublots reaching a terminal $PI_{0.0}$ level and lower rehabilitation costs. Smoothness was a factor considered only for the mainline pavement lots and not for the shoulder lots.

COMPUTATION OF MEAN AND STANDARD DEVIATION OF AQCS

The determination of individual pay factors requires computing the mean and standard deviation of the concrete strength, air content, slab thickness, and initial smoothness ($PI_{0.0}$) for the asconstructed lot based on the field testing results. These statistics are calculated as follows:

$$\overline{X} = \frac{\sum_{i=1}^{n} X_{i}}{n}$$
 Eq. 2

where: \overline{X} = Mean of *n* random samples of the AQC under consideration for the lot.

- X_i = Sample measurement (for strength, X_i is a mean of two replicates).
- n = Sample size per lot, n for each AQC is as follows:

Strength: One sample per sublot (each is a mean of two cylinder measurements).Air content: One sample per sublot.Thickness: Eight samples per sublot.Smoothness: Four samples per sublot.

For example, for a lot with six sublots, n = 6 for strength and air content measurements, $n = 6 \times 8 = 48$ for thickness measurements, and $n = 6 \times 4 = 24$ for initial smoothness measurements.

The lot standard deviation is computed as follows:

$$s = \frac{\sqrt{\frac{\sum (X_i - \overline{X})^2}{(n-1)}}}{C_{SD}}$$
 Eq. 3

where: C_{SD} = Correction factor (based on the total sample size, n) used to obtain unbiased estimates of the actual lot sample standard deviation. Appropriate C_{SD} values are determined as shown in table 18.

For n > 10, linear interpolation is used to compute the correction factor.

Number of Samples, n	Correction Factor, C _{SD}
2	0.7979
3	0.8862
4	0.9213
5	0.9399
6	0.9515
7	0.9594
8	0.9650
9	0.9693
10	0.9726
30	0.9915
50	0.9949

Table 18.	Correction factor for computing unbiased estimates of the actual lot sample
	standard deviation.

CHAPTER 4. IMPLEMENTATION OF THE PERFORMANCE-RELATED SPECIFICATION

PRE-BID MEETING

A mandatory pre-bid conference for the I-39/90/94 project (ID 1011-01-88) was held at the Southwest Region Office in Madison on December 20, 2005. Attendees included representatives from various contractors, subcontractors, and materials producers, as well as WisDOT and ARA. Information about the letting date (January 10, 2006), the contract completion date (November 16, 2006), and incentives/disincentives for completion of the work was provided, along with the requirement that no work be completed between June 30 and September 5, 2006 (tourist season).

Also discussed in the meeting was Article 30 of the Contract Special Provisions covering the PRS (Item SPV.0055.01). In addition to stating that the PRS replaces both the QMP specification for strength and the profiling/ smoothness specification, WisDOT representatives announced that an addendum to the Special Provisions was forthcoming regarding, among other items, non-conformance with respect to air content. Specifically, the change would allow the contractor to adjust the air content within a sublot, have the mix tested for air a second time, and then use a prorated value for air content (weighted average calculation based on quantity within the sublot) in the PRS pay factor calculation, as described in the QMP. The addendum was distributed to all potential bidders on December 28, 2005.

PRE-CONSTRUCTION MEETING

The I-39/90/94 project was let on January 10, 2006 and awarded on January 13, 2006 to Trierweiler Construction. On February 16, 2006, a pre-construction meeting was held with representatives from WisDOT, Trierweiler Construction, and various subcontractors. No major concerns with respect to the PRS were raised by either Trierweiler Construction or their subcontractors at the pre-construction meeting.

CONSTRUCTION

The I-39/90/94 pavement construction work was performed March through June 2006. An incentive/disincentive plan was instituted in the contract to help ensure completion of the new pavement and opening to traffic (all six lanes) by June 30, 2006.

The project included three 12-ft wide lanes in both the eastbound and westbound directions, accompanied by 12-ft wide inside shoulders and 10-ft wide outside shoulders. During construction, at least two lanes of through traffic in both directions were maintained by installing traffic barrier walls and switching traffic off of the lanes being constructed to the opposite side (the outside shoulder for a given direction of roadway served as the outside lane for that direction).

Work commenced first on the west/northbound direction, resulting in all traffic being routed through the east/southbound lanes. Following completion of paving in the west/northbound direction, traffic was then diverted to the new west/northbound lanes for construction of the east/southbound lanes. Figure 9 shows the general progression of paving operations on the project. Further details regarding the construction, including individual pavement operations, the layout of PRS lots and sublots, the sampling and testing of AQCs, and the calculation of PRS pay factors, are provided below.

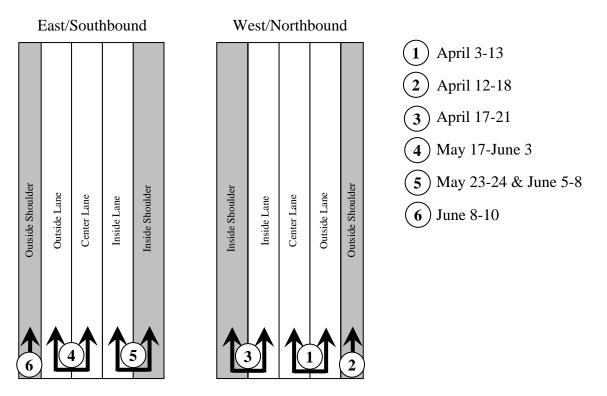


Figure 9. Progression of PCC paving on I-39/90/94 project.

Paving Operations

Pavement construction operations consisted primarily of the following:

- Removal of existing concrete pavement—The existing concrete pavement was broken using numerous concrete breakers. The concrete was then raked using an excavator and the existing steel bar reinforcement was cut using a hydraulic pincher. The steel was hauled off site by the contractor. The broken concrete was removed from the roadway using excavators, loaders, dump trucks, and off-road haul trucks. The concrete was taken to an off-site crusher and processed to be used, as needed, in the base course for the new roadway.
- Partial excavation and regrading of base/subbase material—The existing base remained in place for use in the new roadway. In places where it was deficient with respect to the new grade, its surface was rough-graded and the crushed recycled concrete was placed on

it and shaped using graders, vibratory drum rollers, and water. Prior to paving, the paving contractor used a trimmer guided by string lines to shape the paving foundation to the exact profile/cross slope.

- Placement and compaction of dense aggregate base—The crushed and processed concrete was placed and compacted as the base course for the new roadway.
- Placement of dowel bar assemblies—The contractor placed dowel baskets at each contraction joint location. The baskets were held in place by steel stakes. A small mark was made in the fresh concrete on each side of the slab to mark the center of the joint for future sawing.
- PCC slipform paving—Paving was accomplished using a mobile conveyor belt to place the concrete onto the grade. A spreader followed behind to evenly spread the material across the roadway. The spreader was followed by the paving machine. The paving machine had a hand-fed tie bar inserter to place the tie bars in the longitudinal joint. Workers on either side of the paver inserted bent tie bars into the side of the slab.
- Finishing and curing of the PCC surface—Finishers worked behind the paver to float the fresh concrete and used a 10 ft straightedge to insure the final product had a desirable profile. Following the finishers was a mobile bridge with a turf drag to provide the broom finish. Following the turf drag was a mechanical tining machine placing transverse tines, which also had an apparatus to spray the curing compound onto the slab.

Photos of the PCC pavement placement are shown in figures 10 through 14.



Figure 10. General view of completed concrete pavement on east/southbound I-39/90/94.



Figure 11. Remote shot of PCC paving on east/southbound I-39/90/94.



Figure 12. PCC placement and paving on inside lane (lane 1) and shoulder on east/southbound I-39/90/94.



Figure 13. PCC augering and spreading at paver on inside lane (lane 1) and shoulder on east/southbound I-39/90/94.



Figure 14. Completed paving operation on inside lane (lane 1) and shoulder on east/southbound I-39/90/94.

Layout of Lots and Sublots

Figure 15 shows the mainline and shoulder pavement lots established during construction. As can be seen, the integrally paved center and outside lanes of both the west/northbound direction and the east/southbound direction consisted of 24-ft wide lots ranging in length from 3,486 to 3,775 ft. The integrally paved inside lane and inside shoulder of both the west/northbound and east/southbound were established as separate 12-ft wide lots corresponding to the 12.5-in thick mainline pavement and 8-in thick shoulder pavement. These lots ranged in length from 7,182 to 7,471 ft. Finally, the outside shoulders in each direction were established as 10-ft wide lots ranging in length from 7,182 to 7,471 ft.

Each mainline and shoulder lot was subdivided into seven sublots of near equal dimension. The layout and sampling of typical 1- and 2-lane sublots are shown in figures 16 and 17. Sampling within each sublot was done randomly.

The lot composite (overall) pay factor for mainline pavement was computed as the product of the four individual AQC pay factors, as shown below.

$$PF_{composite} = (PF_{smoothness} \times PF_{air} \times PF_{strength} \times PF_{thickness})/1,000,000$$
 Eq. 4

where:	PF _{composite}	=	Composite (overall) pay factor, percent.
	PF _{strength}	=	Strength pay factor, percent.
	PF _{air}	=	Air content pay factor, percent.
	PF _{thickness}	=	Mainline pavement slab thickness pay factor, percent.
	$PF_{smoothness} \\$	=	Initial smoothness pay factor, percent.

Although an approach of averaging the pay factors from each AQC could have been used, the above multiplicative model was believed to more closely approximate actual performance and life cycle cost analysis (LCCA).

The lot composite (overall) pay factor for shoulder pavement was computed as the product of the three individual AQC pay factors, as shown below.

$$PF_{composite} = (PF_{air} \times PF_{strength} \times PF_{thickness})/10,000$$
 Eq. 5

where:	PF _{composite}	=	Composite (overall) pay factor, percent.
	PF _{strength}	=	Strength pay factor, percent.
	PF _{air}	=	Air content pay factor, percent.
	PF _{thickness}	=	Shoulder slab thickness pay factor, percent.

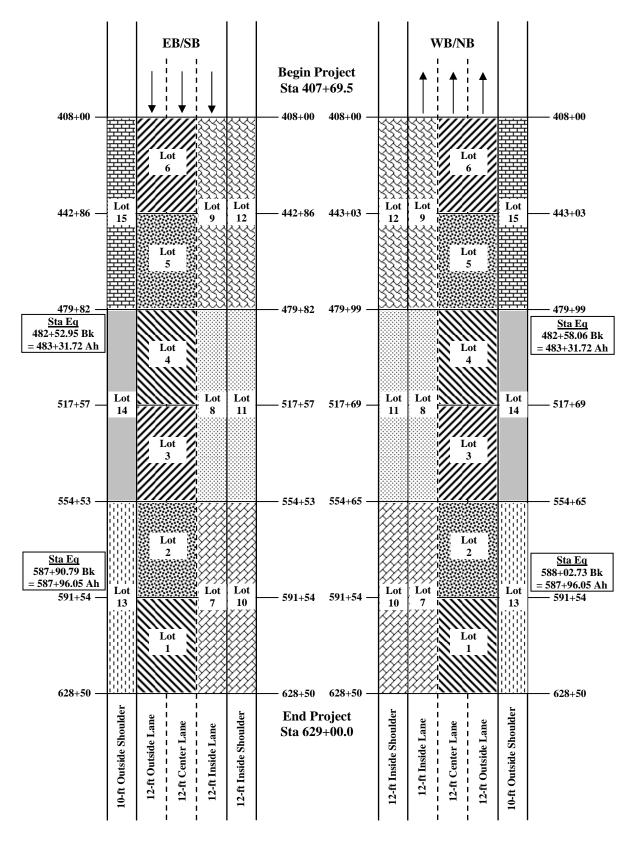


Figure 15. Layout of mainline and shoulder pavement lots.

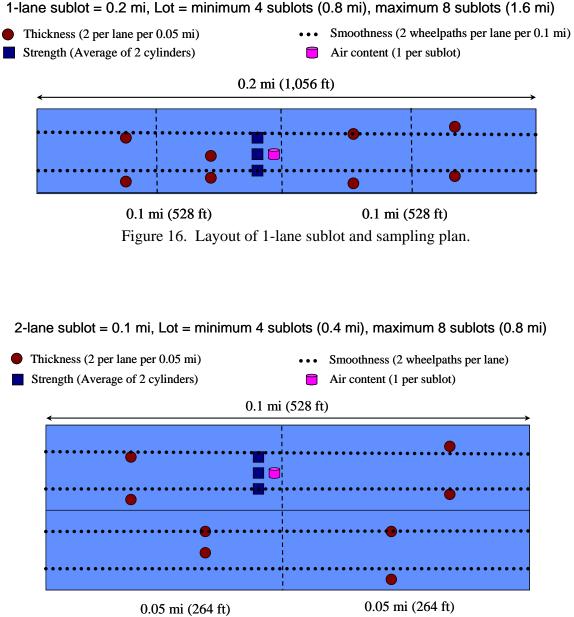


Figure 17. Layout of 2-lane sublot and sampling plan.

The actual incentive/disincentive pay for the as-constructed lot using the lot composite pay factor was computed as follows:

$$PAY_{Lot} = \{(BID \times PF_{composite}/100) - BID\} \times AREA_{Lot}$$
Eq. 6

where: $PAY_{Lot} = \$ (+ \text{ or } -).$ BID = Contractor bid price for concrete pay item per yd². $AREA_{Lot} = Measured actual qualified area of the as-constructed lot, yd².$ $PF_{composite} = Composite pay factor (from Eq. 4 or 5), percent (e.g., 101 percent is expressed as 101.0).$

The absolute minimum value of the Composite Pay Adjustment Factor for a given lot was limited to 80 percent, and the absolute maximum value was limited to 110 percent.

Testing and Calculations of Pay Factors

As partly illustrated by figures 18 (air content testing) and 19 (cylinder fabrication for 28-day compressive strength testing), samples were collected and tests were run, as required, for each sublot and lot. The results of each test were recorded in the spreadsheet shown in figure 20. This figure shows results for a typical mainline pavement lot with seven sublots. The pay factors were calculated for thickness, strength, air content, and smoothness, separately. The overall lot pay factor was then determined and the contractor pay for the lot was calculated as shown. Results from all 18 mainline pavement lots are provided in appendix C (C-1 through C-18).

Figure 21 shows results for a typical shoulder lot with seven sublots. The pay factors were calculated for thickness, strength, and air content, separately. Smoothness was not a consideration for the shoulder lots. The overall lot pay factor was then determined and the contractor pay for the lot was calculated as shown. Results from all 12 shoulder pavement lots are also provided in appendix C (C-19 through C-30).



Figure 18. Entrained air content testing using a pressure meter on east/southbound I-39/90/94.



Figure 19. Casting of cylinder from fresh concrete for 28-day compressive strength testing on east/southbound I-39/90/94.

LOT INFORMATION											
Lot Number	WB3	1		Project No.			1011-01-88		1		
Bid Price, \$/sq yd	26.59		1	Begin Static	n		517+69.0			1	
Lot Length, mi	0.7	<< Formula	_	End Station			554+65.0		<< Formul	a	
Lot Width, feet Lot lane-mi	24	<< Formula		Number of I Number of S			2				
Resulting Lot Area, sq yds	9856.00	<< Formula	-	Paving Date			April 4, 10				
									-		
*Minimum Number of Sublots = 4, Maxin	ium Number o	of Sublots = 8,	except in sp		e.g. last day	paving or w	hen possibility o	of lot having	less than 4 s	ublots)	
Sublot Area so vois	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
THICKNESS											
Thickness - Probe 1, in	13.00	12.75	12.75	12.50	12.50	12.50	12.75				
Thickness - Probe 2, in	12.75	12.50	12.75	12.50	12.50	12.50	12.75				
Thickness - Probe 3, in	12.75	12.75	12.75	12.50	12.75	12.50	12.75				
Thickness - Probe 4, in Thickness - Probe 5, in	13.00	12.75 12.50	12.75 12.50	12.50 12.50	12.75 12.50	13.00 12.50	12.75				
Thickness - Probe 6, in	13.00	12.50	12.50	12.50	12.75	12.50	12.50				
Thickness - Probe 7, in	13.00	12.50	12.75	12.50	12.50	12.50	13.00				
Thickness - Probe 8, in Sublot Thickness, in Formula >>	12.50 12.81	12.50 12.59	12.75 12.69	12.50 12.50	12.50 12.59	12.75 12.59	13.00				
Subiot mickness, in	12.01	12.39	12.09	12.30	12.39	12.59	12.75				
Resulting Samples per lot (n)		56		<< Formula			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.647		<< Formula			Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?	·	Yes		l			Lot MQL, in	13.0	J		
Notes on Lot Thickness Mean:	Lot Thicknes	ss Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9952		-							
Lot Thickness Std. Dev., in	L	0.17781		<< Formula							
Thickness Pay Factor:		100.418%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	4410	6260	5010	4890	5000	5740	5730				
Strength - Cylinder 2, psi Sublot Strength, psi Formula >>	3970 4190	5810 6035	5150 5080	4960 4925	5170 5085	5930 5835	5950 5840				
Subici Siteligiti, par	4130	0055	5000	4323	5005	3033	3040		1		
Resulting Samples per lot (n)		7		<< Formula			Lot AQL, psi	4,500	1		
Lot Strength Mean, in		5284.286		<< Formula	1		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes		1			Lot MQL, psi	5,500	l		
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL and	MQL							
Number of Non-Conforming Sublots:		0		I							
Std. Dev. Correction Factor		0.9594		•							
Lot Strength Std. Dev., in		683.97984		<< Formula							
Strength Pay Factor:		100.600%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.5	Sublot 2 6.1	Sublot 3 6.8	Sublot 4	Sublot 5 7.4	Sublot 6 6.7	Sublot 7 7.0	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %		6.1		6.9	7.4		7.0		Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)		6.1 7		6.9	7.4		7.0 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %		6.1		6.9	7.4		7.0 Lot AQL, % Lot RQL, %		Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.5	6.1 7 6.771 Yes	6.8	6.9	7.4		7.0 Lot AQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.5	6.1 7 6.771 Yes ent Mean is be	6.8	6.9	7.4		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.5	6.1 7 6.771 Yes ent Mean is be	6.8	6.9	7.4		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594	6.8	6.9 <	7.4		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431	6.8	6.9	7.4		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594	6.8	6.9 <	7.4		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431	6.8	6.9 <	7.4		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431	6.8	6.9 <	7.4		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10 Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25	6.8 tween RQL : Sublot 3 20.7	6.9 <c formula<br=""><c formula<br="">and MQL <c formula<br="">Sublot 4 19.5</c></c></c>	7.4	6.7 Sublot 6 33.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 24.2	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 2, In/mi	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6	6.8 stween RQL Sublot 3 20.7 13.6	6.9 <c formula<br=""><c formula<br="">and MQL </c></c>	7.4 Sublot 5 25.7 23.8	6.7 Sublot 6 33.1 26.7	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 24.2 17.6	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25	6.8 tween RQL : Sublot 3 20.7	6.9 <pre> </pre> and MQL Sublot 4 19.5	7.4	6.7 Sublot 6 33.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 24.2	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Sublet 2 25 21.6 19	6.8 tween RQL - Sublot 3 20.7 13.6 18.2	6.9 <c formula<br=""><c formula<br="">and MQL <c formula<br="">Sublot 4 19.5 21.1 14</c></c></c>	7.4 Sublot 5 25.7 23.8 21.9	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 24.2 17.6 16.3	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profi	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3	6.8 tween RQL - Sublot 3 20.7 13.6 18.2	6.9	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.8	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % Sublot 7 24.2 17.6 16.3 20 19.5	7.0 5.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Biotection State	6.5	6.1 7 6.771 Yes 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 28	6.8 tween RQL - Sublot 3 20.7 13.6 18.2	6.9 6.9 Control of the second sec	7.4 Sublet 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % Subject 7 24.2 17.6 16.3 20 0 19.5 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profi	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3	6.8 tween RQL - Sublot 3 20.7 13.6 18.2	6.9	7.4 Sublet 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % Sublot 7 24.2 17.6 16.3 20 19.5	7.0 5.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile In	6.5	6.1 7 6.771 Yes ont Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 28 21.769	6.8 stween RQL 4 20.7 13.6 18.2 17.4 17.5	6.9 Control of the second	7.4 Sublet 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 24.2 17.6 16.3 20 15.3 20 16.3 20 16.3 20 16.3 20 16.3 20 16.4 20 17.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 16.4 16.4 16.4 16.4 16.4 16.4 16.4	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable?	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Subict 2 25 21.6 19 19.5 21.3 28 21.789 Yes	6.8 stween RQL 4 20.7 13.6 18.2 17.4 17.5	6.9 Control of the second	7.4 Sublet 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 24.2 17.6 16.3 20 15.3 20 16.3 20 16.3 20 16.3 20 16.3 20 16.4 20 17.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 16.4 16.4 16.4 16.4 16.4 16.4 16.4	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Bid. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean:	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19.5 21.3 28 21.789 Yes	6.8 stween RQL a 20.7 13.6 18.2 17.4 17.5	6.9 Control of the second	7.4 Sublet 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 24.2 17.6 16.3 20 15.3 20 16.3 20 16.3 20 16.3 20 16.3 20 16.4 20 17.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 16.4 16.4 16.4 16.4 16.4 16.4 16.4	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Subiot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; In/mi Subiot Profile Index Mean; In/mi Subiot Profile Index Mean; In/mi Content Std. Dev., Correction Factor Lot Profile Index Xed. Dev., in/mi	6.5	6.1 7 6.771 Yes ant Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 28 21.789 Yes odd Mean is be 0	6.8 stween RQL a 20.7 13.6 18.2 17.4 17.5	6.9 Control of the second	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 24.2 17.6 16.3 20 15.3 20 16.3 20 16.3 20 16.3 20 16.3 20 16.4 20 17.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 16.4 16.4 16.4 16.4 16.4 16.4 16.4	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, Air/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable?	6.5	6.1 7 6.771 7 6.771 9 0 0 0 0 0 0 0 0 0 0 0 0 0	6.8 stween RQL a 20.7 13.6 18.2 17.4 17.5	6.9 << Formal << Formal and MQL <	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 24.2 17.6 16.3 20 15.3 20 16.3 20 16.3 20 16.3 20 16.3 20 16.4 20 17.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 16.4 16.4 16.4 16.4 16.4 16.4 16.4	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Subiot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; In/mi Subiot Profile Index Mean; In/mi Subiot Profile Index Mean; In/mi Content Std. Dev., Correction Factor Lot Profile Index Xed. Dev., in/mi	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Subict 2 25 21.6 19 19.5 21.3 28 21.789 Yes 0 0.9594 4.69020	6.8 stween RQL a 20.7 13.6 18.2 17.4 17.5	6.9 << Formal << Formal and MQL <	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 24.2 17.6 16.3 20 15.3 20 16.3 20 16.3 20 16.3 20 16.3 20 16.4 20 17.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 16.4 20 17.5 20 16.4 16.4 16.4 16.4 16.4 16.4 16.4 16.4	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Std. Dev., % Air Content Ray Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Subiot Profile Index Mean, in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev.	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Subict 2 25 21.6 19 19.5 21.3 28 21.789 Yes 0 0.9594 4.69020	6.8 stween RQL a 20.7 13.6 18.2 17.4 17.5	6.9 << Formal << Formal and MQL <	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 24.2 17.6 16.3 20 20 20 20 20 15.3 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Subiot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; In/mi Subiot Profile Index Mean; In/mi Subiot Profile Index Mean; In/mi Content Std. Dev., Correction Factor Lot Profile Index Xed. Dev., in/mi	6.5	6.1 7 6.771 Yes ent Mean is be 0 0.9594 0.42431 99.851% Subict 2 25 21.6 19 19.5 21.3 28 21.789 Yes 0 0.9594 4.69020	6.8 stween RQL a 20.7 13.6 18.2 17.4 17.5	6.9 << Formal << Formal and MQL <	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 24.2 17.6 16.3 20 20 20 20 20 15.3 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0	Sublot 9		
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, nc Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS	6.5	6.1 7 6.771 Yes ant Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 28 21.789 Yes	6.8 sublot 3 20.7 13.6 18.2 17.4 17.5 between RQL	6.9 << Formal << Formal and MQL <	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3 23.3	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0	7.0 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 16.3 20 19.5 Lot AQL, in/mi Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor: Interfolie Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined?	6.5	6.1 7 6.771 Yes 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 21.789 Yes 28 21.789 Yes 0 0.93956 4.69020 104.139%	6.8 stween RQL a 20.7 13.6 18.2 17.4 17.5	6.9 << Formal << Formal and MQL < Sublot 4 19.5 21.1 14 19.5 18.5 18.5 19.5 and MQL	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0	7.0 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 24.2 17.6 16.3 20 19.5 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9		Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Subiot Profile Index Mean; In/mi Subiot Profile Index Mean; In/mi Subiot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Corfolie Index Mean; In/mi Profile Index Sub Dev, in/mi Profile Index Std. Dev, in/mi Profile Index Pay Factor:	6.5	6.1 7 6.771 Yes ant Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 28 21.789 Yes	6.8 sublot 3 20.7 13.6 18.2 17.4 17.5 between RQL	6.9 <c format<br=""><c format<br="">and MQL <c format<br="">Sublot 4 19.5 21.1 14. 19.5 21.1 18.5 (</c></c></c>	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3 23.3	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0 30.0 Ma Mi	7.0 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 16.3 20 19.5 Lot AQL, in/mi Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor: Interfolie Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined?	6.5	6.1 7 6.771 Yes ant Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 28 21.789 Yes	6.8 sublot 3 20.7 13.6 18.2 17.4 17.5 between RQL	6.9 <c format<br=""><c format<br="">and MQL <c format<br="">Sublot 4 19.5 21.1 14. 19.5 21.1 18.5 (</c></c></c>	7.4 Sublot 5 25.7 23.8 21.9 21.7 23.3 23.3	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0 30.0 Ma Mi	7.0 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 16.3 20 19.5 Lot AQL, in/mi Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, in/m Fermala>> Resulting Samples per lot (n) Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev.,	6.5	6.1 7 6.771 Yes ant Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 28 21.789 Yes 0 0.9996 4.69020 104.139% Yes Sublot 2 1408.00	6.8 tween RQL Sublot 3 20.7 13.6 18.2 17.4 17.5 between RQL Sublot 3	6.9 ex Formation of Molecular Statements of Molecu	7.4 Sublot 5 26.7 23.8 21.9 21.7 23.3 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 21.7 23.8 21.7 21.7 21.7 21.7 21.7 21.7 21.7 21.7	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0 30.0 Ma Ma Ma Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot NQL, % Lot MQL, % 16.3 20 16.3 20 18.5 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiol 7 Subiol 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, riv/mi Lot Profile Index Mean, riv/mi Lot Profile Index Mean, Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Profile Index Std. Dev., Im/mi Profile Index Std. Dev., Im/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area Pf Thickness	6.5	6.1 7 6.771 9 6.771 9 0 0 0 0 0 0 0 0 0 0 0 0 0	6.8 tween RQL Sublot 3 20.7 13.6 18.2 17.4 17.5 between RQL Sublot 3	6.9 ex Formation of Molecular Statements of Molecu	7.4 Sublot 5 26.7 23.8 21.9 21.7 23.3 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 21.7 23.8 21.7 21.7 21.7 21.7 21.7 21.7 21.7 21.7	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0 30.0 Ma Ma Ma Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot NQL, % Lot MQL, % 16.3 20 16.3 20 18.5 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiol 7 Subiol 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, in/m Fermala>> Resulting Samples per lot (n) Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev.,	6.5	6.1 7 6.771 Yes ant Mean is be 0 0.9594 0.42431 99.851% Sublot 2 25 21.6 19 19.5 21.3 28 21.789 Yes 0 0.9996 4.69020 104.139% Yes Sublot 2 1408.00	6.8 tween RQL Sublot 3 20.7 13.6 18.2 17.4 17.5 between RQL Sublot 3	6.9 ex Formation of Molecular Statements of Molecu	7.4 Sublot 5 26.7 23.8 21.9 21.7 23.3 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 21.7 23.8 21.7 21.7 21.7 21.7 21.7 21.7 21.7 21.7	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0 30.0 Ma Ma Ma Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot NQL, % Lot MQL, % 16.3 20 16.3 20 18.5 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiol 7 Subiol 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Subiot Profile Index - Run 4, In/mi Subiot Profile Index - Run 4, In/mi Subiot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor:	6.5	6.1 7 6.771 Yes ant Mean is be 0 0.9594 0.42431 99.851% Sublet 2 25. 21.3 28 21.3 28 21.3 28 21.3 28 21.3 28 21.3 9 9.854 9 9.854 9 9 9 9 9 9 9 9 9 9 9 9 9	6.8 tween RQL Sublot 3 20.7 13.6 18.2 17.4 17.5 between RQL Sublot 3	6.9 ex Formation of Molecular Statements of Molecu	7.4 Sublot 5 26.7 23.8 21.9 21.7 23.3 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 21.7 23.8 21.7 21.7 21.7 21.7 21.7 21.7 21.7 21.7	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0 30.0 Ma Ma Ma Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot NQL, % Lot MQL, % 16.3 20 16.3 20 18.5 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiol 7 Subiol 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/mi Profile Index Mean, Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Stength Pf Air Content Pf Smoothness Pf Composite	6.5 Lot Air Conte Sublot 1 25.6 21.4 22.5 Lot Profile In Sublet 1 1408.00	6.1 7 6.771 9 10 10 10 10 10 10 10 10 10 10	6.8 Sublot 3 20.7 13.6 18.2 17.4 17.5 etween RQL Sublot 3 1408.00	6.9 ex Formation of Molecular Statements of Molecu	7.4 Sublot 5 26.7 23.8 21.9 21.7 23.3 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 21.7 23.8 21.7 21.7 21.7 21.7 21.7 21.7 21.7 21.7	6.7 Sublot 6 33.1 26.7 30.8 29.2 30.0 30.0 Ma Ma Ma Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot NQL, % Lot MQL, % 16.3 20 16.3 20 18.5 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiol 7 Subiol 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Bad, Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Sublot Profile Index - Run 4, In/mi Sublot Profile Index - Run 4, In/mi Sublot Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, Acceptable? Notes on Lot Profile Index Mean; Ni/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor:	6.5 Lot Air Conte Sublot 1 25.6 23.4 19.6 21.4 22.5 Lot Profile In Sublot 1 1408.00 \$	6.1 7 6.771 Yes ant Mean is be 0 0.9594 0.42431 99.851% Sublet 2 25. 21.3 28 21.3 28 21.3 28 21.3 28 21.3 28 21.3 9 9.854 9 9.854 9 9 9 9 9 9 9 9 9 9 9 9 9	6.8 tween RQL Sublot 3 20.7 13.6 18.2 17.4 17.5 sublot 3 1408.00	6.9 ex Formation of Molecular Statements of Molecu	7.4 Sublot 5 26.7 23.8 21.9 21.7 23.3 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.3 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 23.8 21.9 21.7 21.7 23.8 21.7 21.7 21.7 21.7 21.7 21.7 21.7 21.7	6.7 Sublot 6 33.1 28.7 30.8 29.2 30.0 30.0 Ma Ma Ma Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot NQL, % Lot MQL, % 16.3 20 16.3 20 18.5 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiol 7 Subiol 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

Figure 20. Illustration of spreadsheet used to calculate pay for a given mainline pavement lot.

LOT INFORMATION											
Lot Number	WB10	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95	1		Begin Statio	on		554+65.0				
Lot Length, mi	1.4	<< Formula		End Station			628+50.0		<< Formul	a	
Lot Width, feet	12	<< Formula	_	Number of I			1				
Lot lane-mi Resulting Lot Area, sq yds	1.40 9856.00	<< Formula	-	Number of S Paving Date			7 April 17, 18, 19				
			_	- J	(-7						
*Minimum Number of Sublots = 4, Maxim	um Number o	of Sublots = 8,	except in sp	pecial cases	e.g. last day	paving or w	hen possibility o	of lot having	less than 4 s	ublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00			L	L
THICKNESS	9656.00										
THICKNESS	8.50	8.25	8.50	8.75	8.00	8.25	8.00				
Thickness - Probe 1, in Thickness - Probe 2, in	9.00	8.25	8.50	9.00	8.25	8.50	8.00				
Thickness - Probe 3, in	8.50	8.00	8.50	9.00	8.25	8.00	8.00				
Thickness - Probe 4, in	9.00	8.00	8.50	9.00	8.25	8.00	8.00				
Thickness - Probe 5, in	8.50	8.25	8.50	8.75	8.00	8.25	8.25				
Thickness - Probe 6, in Thickness - Probe 7, in	8.50 8.50	8.00 8.50	8.50 9.00	8.50 8.50	8.25 8.25	8.25 8.00	8.25 8.50				
Thickness - Probe 8, in	8.50	8.50	9.00	8.75	8.25	8.25	8.50				
Sublot Thickness, in Formula >>	8.63	8.22	8.63	8.78	8.19	8.19	8.19				
				1					1		
Resulting Samples per lot (n) Lot Thickness Mean, in		56 8.402		<< Formula			Lot AQL, in Lot RQL, in				
Lot Thickness Mean Acceptable?		Yes					Lot MQL, in				
Notes on Lot Thickness Mean:	Lot Thickney	ss Mean is bet	ween ROL a	nd MQI							
			Ween Role a								
Number of Non-Conforming Sublots:	L	0		J							
Std. Dev. Correction Factor Lot Thickness Std. Dev., in		0.9952 0.31296		<< Formula							
		100.885%		1							
Thickness Pay Factor:		100.000%			_						
-											
<u>STRENGTH</u>	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5140	4750	5510	5380	6000	4920	5820			L	
Strength - Cylinder 2, psi Sublot Strength, psi Formula >>	4930 5035	4920 4835	5550 5530	5550 5465	6090 6045	5020 4970	5440 5630				
		1000		0100		1010	0000				
Resulting Samples per lot (n)		7		<< Formula			Lot AQL, psi	4,500	[
Lot Strength Mean, in		5358.571		<< Formul	a		Lot RQL, psi				
Lot Strength Mean Acceptable?	l	Yes		1			Lot MQL, psi	5,500	l .		
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	d MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		1							
Lot Strength Std. Dev., in		449.40428		<< Formula							
Strength Pay Factor:		100.813%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublet 4	Sublot 5	Sublot 6	Sublet 7	Sublot 8	Sublot 9	Subjet 10	Sublot 11
Sublot Air Content, %	7.2	6.3	6.5	Sublot 4 7.0	6.6	6.9	Sublot 7 6.6	Subiol 8	Subiol 9	Subiot 10	Subiol 11
		0.0	0.0			0.0	0.0				
Resulting Samples per lot (n)		7		<< Formul			Lot AQL, %				
Lot Air Content Mean, in		6.729		<< Formul	a		Lot RQL, %				
Lot Air Content Mean Acceptable?		Yes]			Lot MQL, %	8.5	ł		
Notes on Lot Air Content Mean:	Lot Air Cont	ent Mean is be	tween RQL	and MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594		-							
Lot Air Content Std. Dev., %		0.32804		<< Formula	1						
Air Content Pay Factor:		99.831%									
RESULTS											
All Pay Factors Determined?		Yes					x PF Composite				
1	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	n PF Composite Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Rejected?											
Area Not Considered for PRS, sq yds											
Area Considered for PRS, sq yds	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00			L	L
Total Area PF Thickness		9856.00 100.88%		1							
PF Strength		100.81%									
PF Air Content		99.83%]							
PF Composite		101.53%									
Bid (Lot)	\$	206,483.20	ł								
Pay (lot)	\$	3 165 56									

Figure 21. Illustration of spreadsheet used to calculate pay for a given shoulder pavement lot.

CHAPTER 5. EVALUATION OF THE PERFORMANCE-RELATED SPECIFICATION

To evaluate the practicality and effectiveness of the PRS and assess the overall value of the PRS process, detailed reviews were made of the test data and corresponding PRS outputs, as well as feedback provided by individuals/parties directly involved in the PRS. This chapter presents the results of these reviews, starting with a quantitative assessment of the AQCs and pay factors for each lot and ending with a qualitative assessment made possible through surveys/interviews with key WisDOT personnel and representatives of the paving contractor (Trierweiler Construction). This chapter includes:

- An analysis of all data collected during the implementation of the PRS.
- An assessment of the "value" of the entire PRS process. This investigation will attempt to answer questions such as, "How was PRS-generated data used by the construction contractor? By WisDOT?"
- An assessment of the actual AQC values targeted by the contractor.
- An assessment of the overall adequacy of the PaveSpec 3.0 software.
- An assessment of the level of contractor and WisDOT satisfaction with PRS.

QUANTITATIVE ASSESSMENT

A quantitative assessment of the PRS was accomplished by examining the final PRS pay factors and comparing them to the factors that would have been implemented under the standard WisDOT specification. The quality requirements set forth by the PRS and by WisDOT standard specifications are summarized in table 19. In addition, figures 22 through 25 show the pay factors for each quality attribute over the range of conformance and non-conformance. As can be seen, the target quality levels are the same for air content, slightly different for compressive strength, thickness and smoothness.

Under the PRS, the target mean thickness is the plan thickness of 12.5 in, whereas under the current specification, full pay can be obtained with a mean thickness between 12.125 and 12.5 in. Also, while both specs use 11.5 in for the RQL, the current specification gives no credit for mean thickness in excess of the plan thickness, whereas the PRS does (i.e., MQL = 13.0 in). The WisDOT standard pay factors for thickness decline significantly more than the PRS pay factors for thicknesses between 11.5 and 12.5 in. For thinner pavement designs (e.g., 9.5 to 11.5 in), these curves might be more similar, as thickness greatly affects performance. However, as described in Chapter 3, because of the conservative thickness design relative to the models in the PRS software, the PRS pay factors indicate that the pavement LCC is reduced by only about 12 percent when the thickness is reduced to 11.5 in.

Factor	Detail	PRS	WisDOT Specification
Thickness	Test methods	Probes (CMM 4-25-70)	Probes (CMM 4-25-70)
(mainline & shoulders)	Lot AQC mean (std. dev.), in	Mainline: 12.5 (0.2) Shoulder: 8.0 (0.2)	Mainline: 12.125-12.5 Shoulder: 7.625-8.0
	Lot RQL, in	Mainline: 11.5 Shoulder: 7.0	Mainline: 11.5 Shoulder: 7.0
	Lot MQL, in	Mainline: 13.0 Shoulder: 8.5	Mainline: 12.5 Shoulder: 8.0
28-day Compressive Strength (cylinders)	Test methods	Cylinders (AASHTO T 22, T 23 ^a , T 141 ^a , & M 201)	Cylinders (AASHTO T 22, T 23 ^a , & T 141 ^a , & M 201)
	Lot AQC mean (std. dev.), lb/in ²	4,500 (500)	4,200-4,300 ^b
(mainline & shoulders)	Lot RQL, lb/in ²	3,250	3,050 ^b
	Lot MQL, lb/in ²	5,500	5,200 ^b
Air Content	Test methods	Pressure Meter (AASHTO T 152 ^a)	Pressure Meter (AASHTO T 152 ^a)
(mainline & shoulders)	Lot AQC mean (std. dev.), %	7.0 (0.6)	7.0
	Lot RQL, %	5.5	5.5
	Lot MQL, %	8.5	8.5
Smoothness (Profile Index PI _{0.0})	Test methods	California Profilograph, zero or 0.01-in blanking Band	California Profilograph, zero or 0.01-in blanking band
	AQC mean (std. dev.), in/mi	30.0 (7.0)	25.3-44.4
(mainline only)	Lot RQL, in/mi	50.0	50.7
	Lot MQL, in/mi	10.0	19.0

Table 19. Quality requirements for concrete pavement under PRS and current WisDOT specifications.

CMM = WisDOT Construction and Materials Manual. ^a As modified by CMM

As modified by CMM.

^b WisDOT QMP specifications use (Mean-Standard Deviation) to compute strength incentives and were developed assuming strength standard deviation of 550 lb/in².

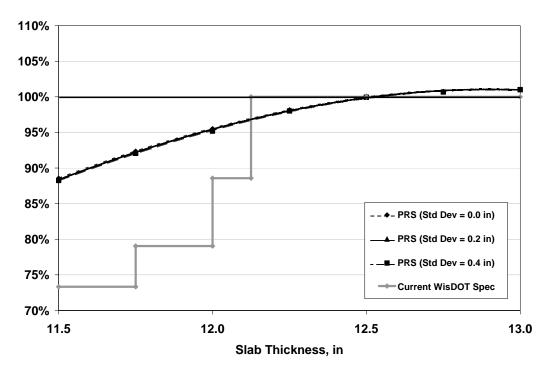


Figure 22. Comparison of PRS and WisDOT thickness pay factors.

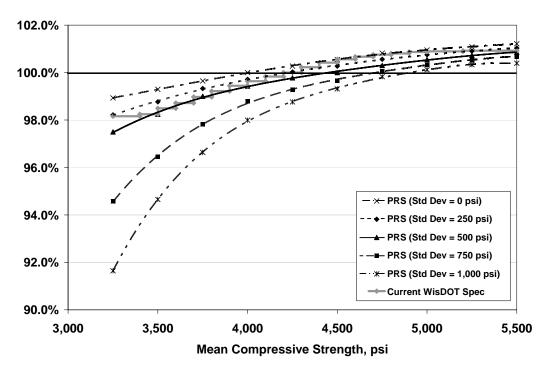


Figure 23. Comparison of PRS and WisDOT compressive strength pay factors.

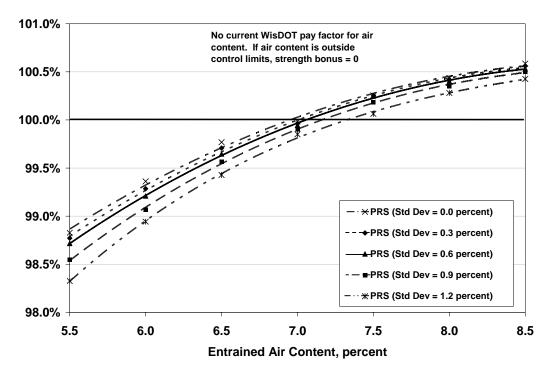


Figure 24. Comparison of PRS and WisDOT air content pay factors.

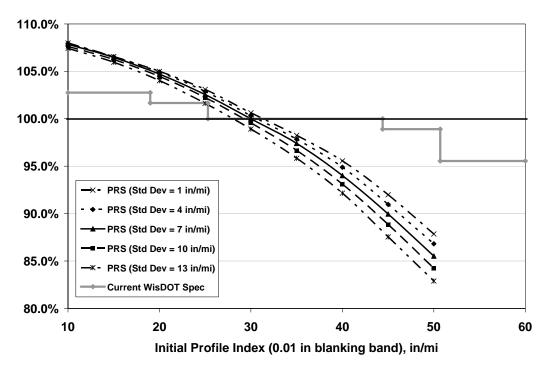


Figure 25. Comparison of PRS and WisDOT profile/smoothness pay factors.

For smoothness, the target mean is slightly lower for PRS than for the current specification—30.0 in/mi versus a range of 20.5 to 44.4 in/mi. The RQLs are about the same, however, the MQL for the PRS is somewhat lower than that given by the current specification (10.0 in/mi versus 19.0 in/mi). Also, the PRS pay factor curves are more extreme than the current specification, with maximum bonuses in the 7.5 to 8 percent range and maximum penalties in the -12 to -17 percent range, versus the current maximums of 3 percent for bonus and -5 percent for penalty.

The greatest deviation from the current specification is how the 28-day compressive strength is specified. The target mean under the PRS is $4,500 \text{ lb/in}^2$ versus the range of $3,650 \text{ to } 3,750 \text{ lb/in}^2$ for mean minus one standard deviation, given by the current specification. The current specification was developed assuming a standard deviation of 550 lb/in^2 . After accounting for this standard deviation, the target mean in the current specification is in the range of $4,200 \text{ to } 4,300 \text{ lb/in}^2$. The RQL and MQL values are proportionally different, with those of the PRS being about 200 to 300 lb/in^2 higher. The two specification's pay factor curves are fairly similar.

PRS Pay Factors

PRS pay factors for the as-constructed west/northbound and east/southbound lots indicate that the pavement in both directions was constructed to a quality above the design level. Lot quality levels and pay factors for thickness, strength, air content, and smoothness in the west/northbound mainline lanes are shown in table 20, while table 21 shows the quality levels and pay factors for the east/southbound mainline lanes. Tables 22 and 23 contain the shoulder pavement quality levels and pay factors for each respective direction.

Item	Target				West/Nort	hbound L	ot Number	•		
		1	2	3	4	5	6	7	8	9
No. Sublots		7	7	7	7	7	7	7	7	7
Thickness										
Mean, in	12.5	12.75	12.68	12.65	12.66	12.75	12.65	12.76	12.74	12.60
Std. Dev., in	0.2	0.19	0.23	0.18	0.21	0.19	0.18	0.20	0.18	0.15
Pay Factor, %	100.00	100.70	100.51	100.42	100.45	100.70	100.43	100.71	100.67	100.29
28-day Compressive	e Strength									
Mean, lb/in ²	4500	5720	5795	5284	5251	5543	5645	5640	5574	5555
Std. Dev., lb/in ²	500	851	709	684	416	510	485	506	311	401
Pay Factor, %	100.00	100.56	100.71	100.60	100.78	100.84	100.86	100.85	100.99	100.92
Air Content										
Mean, %	7.0	6.66	6.59	6.77	6.79	6.80	6.70	6.83	6.56	6.51
Std. Dev., %	0.6	0.41	0.59	0.42	0.32	0.29	0.38	0.33	0.28	0.30
Pay Factor, %	100.00	99.77	99.70	99.85	99.87	99.89	99.81	99.90	99.71	99.68
Profile Index/Smoot	thness									
Mean, in/mi	30.0	20.40	28.70	21.79	23.74	19.83	19.36	26.81	18.97	19.65
Std. Dev., in/mi	7.0	3.41	4.69	4.69	4.29	3.69	3.37	8.76	3.41	2.84
Pay Factor, %	100.00	104.78	100.92	104.14	103.38	104.99	105.15	101.42	105.27	105.87
Composite Pay Factor, %	100.00	105.87	101.83	105.05	104.52	106.50	106.30	102.91	106.71	106.00

Table 20. PRS lot quality and pay factors for the west/northbound mainline.

Table 21. PRS lot quality and pay factors for the east/southbound mainline.

Item	Target				East/Sout	hbound Lo	ot Number			
		1	2	3	4	5	6	7	8	9
No. Sublots		7	7	7	7	7	7	7	7	7
Thickness										
Mean, in	12.5	12.69	12.51	12.46	12.54	12.59	12.50	12.57	12.62	12.55
Std. Dev., in	0.2	0.31	0.24	0.19	0.16	0.14	0.14	0.25	0.22	0.13
Pay Factor, %	100.00	100.52	100.00	99.67	100.12	100.25	100.02	100.19	100.32	100.16
28-day Compressive	e Strength									
Mean, lb/in ²	4500	4925	5117	4923	4769	5241	5271	5017	5295	5068
Std. Dev., lb/in ²	500	659	379	441	485	497	446	483	420	519
Pay Factor, %	100.00	100.34	100.72	100.52	100.34	100.72	100.77	100.58	100.80	100.58
Air Content										
Mean, %	7.0	6.76	6.34	6.51	6.41	6.24	6.44	6.66	6.33	6.47
Std. Dev., %	0.6	0.28	0.34	0.36	0.33	0.39	0.38	0.44	0.37	0.05
Pay Factor, %	100.00	99.86	99.54	99.67	99.60	99.45	99.61	99.77	99.52	99.68
Profile Index/Smoot	hness									
Mean, in/mi	30.0	21.76	24.75	18.48	19.96	16.73	20.77	25.30	20.77	20.55
Std. Dev., in/mi	7.0	3.31	4.92	2.70	2.47	3.26	2.39	7.51	4.57	4.73
Pay Factor, %	100.00	104.24	102.89	105.44	104.98	105.99	104.67	102.34	104.57	104.65
Composite Pay Factor, %	100.00	104.98	103.16	105.30	105.03	106.43	105.09	102.88	105.24	105.09

Item	Target		We	est/Northbou	nd Lot Num	ber				
		10	11	12	13	14	15			
No. Sublots		7	7	7	7	7	7			
Thickness	Thickness									
Mean, in	8.0	8.40	8.33	8.27	8.34	8.34	8.31			
Std. Dev., in	0.2	0.31	0.25	0.23	0.37	0.29	0.23			
Pay Factor, %	100.00	100.89	100.79	100.73	100.79	100.80	100.77			
28-day Compressive Strengt	h		_	_						
Mean, lb/in ²	4500	5359	5667	6040	5260	5542	5063			
Std. Dev., lb/in ²	500	449	456	265	369	454	493			
Pay Factor, %	100.00	100.81	100.88	101.02	100.82	100.88	100.60			
Air Content										
Mean, %	7.0	6.73	6.66	6.39	7.14	6.49	6.84			
Std. Dev., %	0.6	0.33	0.30	0.32	0.19	0.25	0.29			
Pay Factor, %	100.00	99.83	99.78	99.58	100.10	99.67	99.92			
Composite Pay Factor, %	100.00	101.53	101.46	101.32	101.72	101.35	101.29			

Table 22. PRS lot quality and pay factors for the west/northbound shoulders.

Table 23. PRS lot quality and pay factors for the east/southbound shoulders.

Item	Target		Ea	st/Southbou	nd Lot Numl	ber	
		10	11	12	13	14	15
No. Sublots		7	7	7	7	7	7
Thickness							
Mean, in	8.0	8.34	8.24	8.22	8.43	8.32	8.33
Std. Dev., in	0.2	0.23	0.22	0.28	0.33	0.18	0.23
Pay Factor, %	100.00	100.81	100.68	100.61	100.91	100.80	100.80
28-day Compressive Strengt	h						
Mean, lb/in ²	4500	5014	5318	5202	5081	5499	5301
Std. Dev., lb/in ²	500	213	317	425	615	410	414
Pay Factor, %	100.00	100.79	100.89	100.74	100.51	100.92	100.81
Air Content							
Mean, %	7.0	6.69	6.36	6.34	6.47	6.64	6.51
Std. Dev., %	0.6	0.30	0.42	0.21	0.58	0.42	0.37
Pay Factor, %	100.00	99.80	99.54	99.56	99.61	99.76	99.67
Composite Pay Factor, %	100.00	101.40	101.10	100.91	101.03	101.47	101.28

The result of the PRS was that an average of 4.9 percent incentive pay would be received by the contractor for the mainline lots and an average of 1.3 percent incentive pay would be received by the contractor for the shoulder lots. This incentive was due to PCC strength and PCC slab thickness being of somewhat better quality than the specified target values and initial smoothness being significantly better quality than the target values. The mean values are shown in table 24.

Pavement	Acceptance Quality Characteristic (AQC)	Target (100% Pay)	As-Built
	PCC compressive strength, lb/in ²	4,500	5,313
Mainline	PCC slab thickness, in	12.50	12.63
Wamme	Initial Smoothness/PI _{0.0} , in/mi	30.0	21.6
	Entrained Air Content, %	7.00	6.58
	PCC compressive strength, lb/in ²	4,500	5,362
Shoulder	PCC slab thickness, in	8.00	8.32
	Entrained Air Content, %	7.00	6.60

Table 24. Target and as-built AQC values.

A closer look at the values and pay factors provides additional insight. For each of the four AQCs, figures 26 through 29 show the target quality range within one standard deviation, the measured field quality mean and range within one standard deviation for each of the 18 mainline lots, and the corresponding pay factors for each of the 18 mainline lots. The figures show that the west/northbound direction, which was paved first, had slightly higher values for PCC thickness and PCC strength as compared to the east/southbound direction. This could be attributed to the difference in construction time—the west/northbound direction was paved in early spring while the east/southbound direction was paved in late spring/early summer. The initial smoothness levels for lots 2 and 7 in both paving directions were lower than the rest of the lots. This was attributed by the contractor to special areas that required extensive hand working.

Figures 30 through 32 show the target quality range within one standard deviation, the measured field quality mean and range within one standard deviation for each of the 12 shoulder lots, and the corresponding pay factors for each of the 12 shoulder lots. The figures show that the shoulders were paved closer to the maximum quality level than the target quality level for both thickness and PCC strength.

Figure 33 shows a summary of the PRS pay factors for each of the 18 mainline lots used in the analysis. It also includes an overall pay factor, which averages 105.1 percent for the west/northbound lots and 104.8 percent for the east/southbound lots. The initial smoothness pay factor was the controlling factor that affected the overall pay factor. Figure 34 shows a summary of the PRS pay factors for each of the 12 shoulder lots used in the analysis. The overall pay factor average was 101.4 percent for the west/northbound lots and 101.2 percent for the east/southbound lots. The lower pay factors relative to the mainline pavement can be attributed to the fact that initial smoothness was not included as a pay factor for the shoulders.

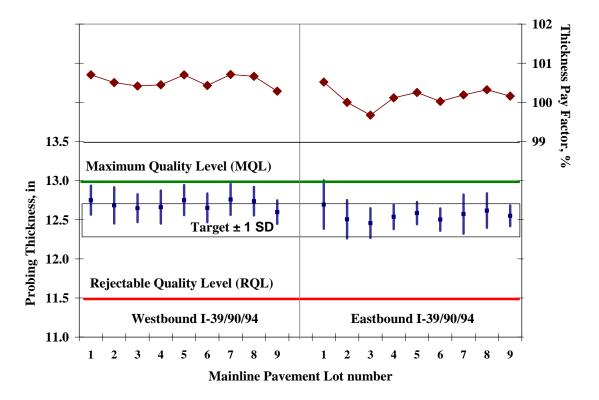


Figure 26. Comparison of PRS thickness requirements and results for mainline pavement.

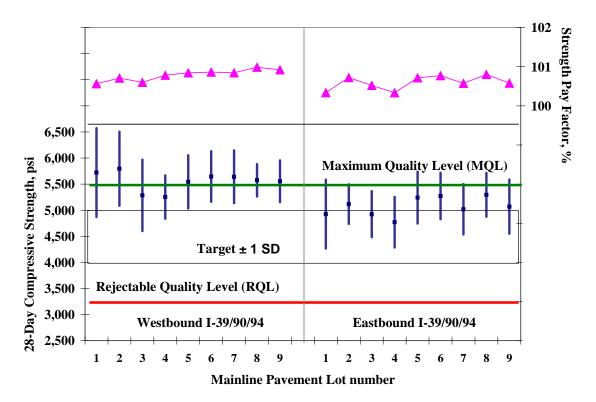


Figure 27. Comparison of PRS strength requirements and results for mainline pavement.

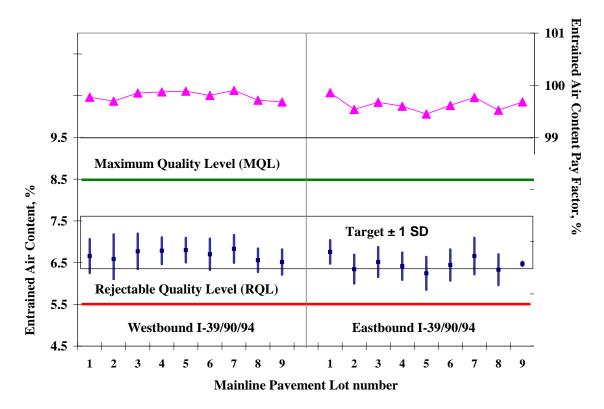


Figure 28. Comparison of PRS air content requirements and results for mainline pavement.

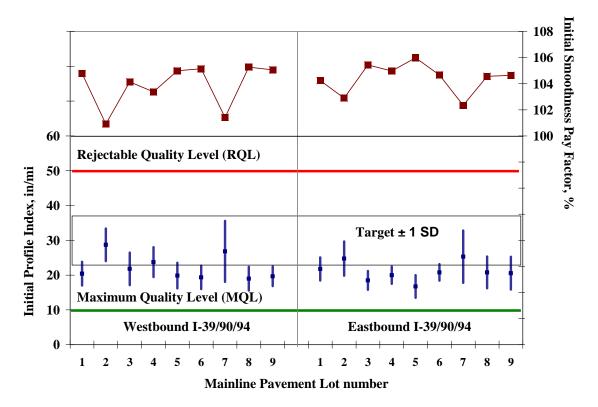


Figure 29. Comparison of PRS smoothness requirements and results for mainline pavement.

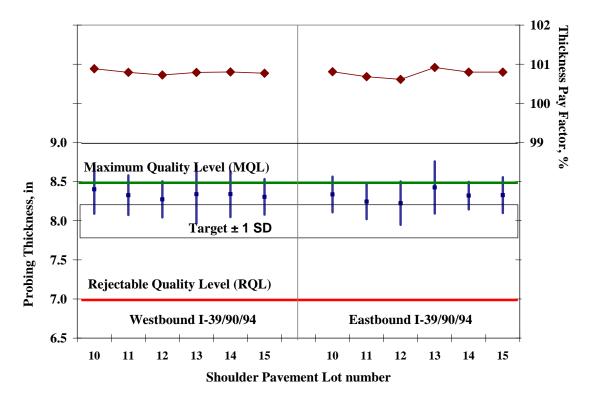


Figure 30. Comparison of PRS thickness requirements and results for shoulder pavement.

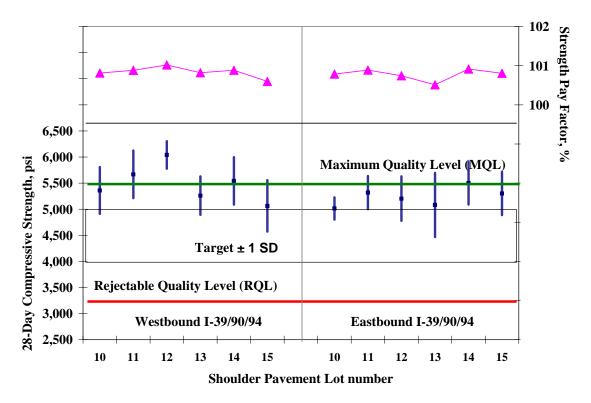


Figure 31. Comparison of PRS strength requirements and results for shoulder pavement.

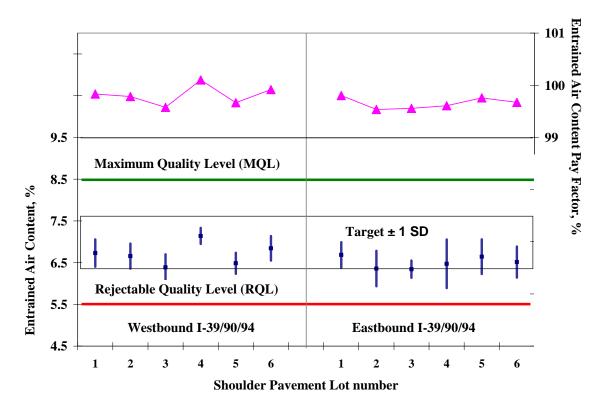


Figure 32. Comparison of PRS air content requirements and results for shoulder pavement.

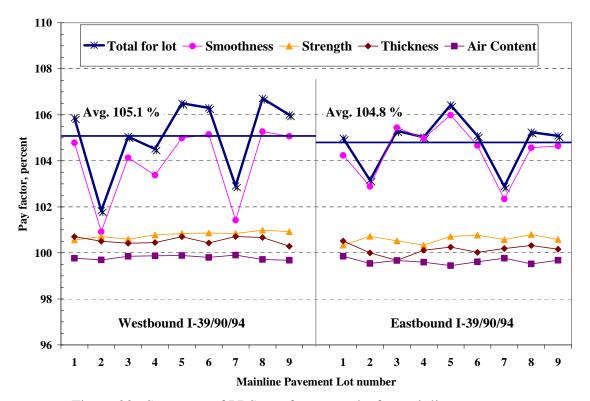


Figure 33. Summary of PRS pay factor results for mainline pavement

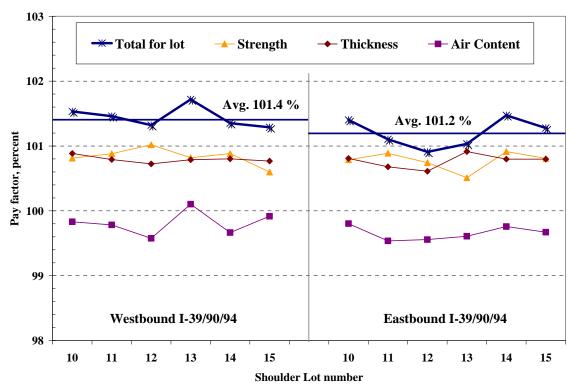


Figure 34. Summary of PRS pay factor results for shoulder pavement.

Comparison of PRS and WisDOT Standard Specification Results

The PRS pay factor curves provide for incentives and disincentives for PCC compressive strength, PCC thickness, entrained air content, and initial smoothness. The PRS curves are based on economic analysis of LCC, indicating that there will be changes in pavement performance depending on the level of quality achieved during construction of these four AQCs. It is believed that the PRS pay factor curves will provide the contractor with more opportunity to achieve incentive pay and to avoid disincentives, thereby providing a pavement with a longer life and lower LCC.

Under the current WisDOT QMP program, contractors can receive incentives for exceeding PCC compressive strength and initial smoothness targets and have to pay disincentives for not meeting PCC compressive strength, initial smoothness, and thickness target levels. The QMP compressive strength incentives/disincentives are computed for each sublot using mean minus one standard deviation and the QMP compressive strength pay adjustment (\$/yd²) is shown in table 25. The QMP thickness disincentive are computed for each 250-ft lane using pay adjustment (\$) shown in table 26. The QMP initial smoothness incentive/disincentive are computed for each 0.1 lane-mi using pay adjustment (\$) shown in table 27.

Compressive Streng	Pay Adjustment (\$/yd ²)	
Greater Than or Equal to	Less Than	Tay Aujustment (\$790)
	2,850	-0.552
2,850	2,950	-0.527
2,950	3,050	-0.452
3,050	3,150	-0.385
3,150	3,250	-0.309
3,250	3,350	-0.234
3,350	3,450	-0.167
3,450	3,550	-0.109
3,550	3,650	-0.050
3,650	3,750	0.000
3,750	3,850	+0.067
3,850	3,950	+0.125
3,950	4,050	+0.167
4,050	4,150	+0.201
4,150	4,250	+0.226
4,250	4,350	+0.242
4,350	4,450	+0.259
4,450	4,550	+0.268
4,550	4,650	+0.268
4,650		+0.276

Table 25. Current WisDOT QMP incentive/disincentive pay adjustment for PCC compressive strength (per yd² paid for each 500 yd³ sublot).

Table 26. Current WisDOT QMP disincentive pay adjustment for PCC thickness (per 250-ftsection per lane).

Avg Thickness Deficiency, in	Pay Adjustment
$0 \text{ to} \le 3/8$	\$0
$> 3/8$ to $\le 1/2$	-\$1,143
> $1/2$ to $\leq 3/4$	-\$2,095
$> 3/4$ to ≤ 1	-\$2,667

Profile Index PI _{0.0} (in/mi)	Pay Adjustment
< 19.0	+\$585
\geq 19.0 to < 25.3	+\$350
\geq 25.3 to < 44.4	\$0
\geq 44.4 to < 50.7	-\$230
\geq 50.7	-\$940

Table 27. Current WisDOT QMP incentive/disincentive pay adjustment for PCC initialsmoothness (per 0.1-mi section per lane).

The current WisDOT QMP specifications were used to compute pay factors for each mainline and shoulder lot. The results are shown in table 28 and 29 for the mainline pavement lots and the shoulder lots, respectively. Since all 250-ft lane units have average thicknesses within or above the current QMP thickness target range, no thickness disincentives are applicable. The computed QMP incentive and the bid price for each lot were used to compute the QMP overall pay factor.

Table 28 shows that under the current QMP program, for the mainline pavement, the QMP pay factor would range from 101.4 to 104.0 percent (PRS pay factors ranged from 101.8 to 106.7 percent). The average for the west/northbound lots was 102.9 percent (west/northbound PRS pay factor average was 105.1 percent) and the average for the east/southbound lots was 103.1 percent (east/southbound PRS pay factor average was 104.8 percent), with an overall average QMP pay factor of 103.0 percent (overall PRS pay factor average was 104.9 percent).

Table 29 shows that if the QMP program was applied to the shoulder, the pay factor would be 101.3 percent for all 12 of the shoulder lots (PRS pay factors ranged from 100.9 to 101.7 percent).

These comparisons are shown graphically in figures 35 and 36.

Lot	Area	Bid	PRS Pay	PRS Pay	QMP	QMP	QMP	Total QMP	QMP Pay
				Factor	Strength	Strength	Smoothness	Pay	Factor
					Pay	Pay	Pay	-	
	sq. yd.	\$	\$	%	\$/sq. yd.	\$	\$	\$	%
WB1	9,856	262,071.04	15,382.43	105.9	0.276	2,720.26	5,605.00	8,325.26	103.2
WB2	9,856	262,071.04	4,805.01	101.8	0.276	2,720.26	1,050.00	3,770.26	101.4
WB3	9,856	262,071.04	13,222.67	105.0	0.268	2,641.41	5,140.00	7,781.41	103.0
WB4	9,856	262,071.04	11,837.99	104.5	0.276	2,720.26	3,385.00	6,105.26	102.3
WB5	9,856	262,071.04	17,029.63	106.5	0.276	2,720.26	5,960.00	8,680.26	103.3
WB6	9,341	248,377.19	15,652.09	106.3	0.276	2,578.12	6,780.00	9,358.12	103.8
WB7	9,856	262,071.04	7,620.47	102.9	0.276	2,720.26	2,340.00	5,060.26	101.9
WB8	9,856	262,071.04	17,587.96	106.7	0.276	2,720.26	6,310.00	9,030.26	103.4
WB9	9,598	255,210.82	15,305.43	106.0	0.276	2,649.05	6,075.00	8,724.05	103.4
EB1	9,856	262,071.04	13,050.46	105.0	0.242	2,385.15	5,255.00	7,640.15	102.9
EB2	9,856	262,071.04	8,272.07	103.2	0.276	2,720.26	3,150.00	5,870.26	102.2
EB3	9,856	262,071.04	13,897.77	105.3	0.268	2,641.41	6,780.00	9,421.41	103.6
EB4	9,856	262,071.04	13,178.97	105.0	0.242	2,385.15	5,840.00	8,225.15	103.1
EB5	9,856	262,071.04	16,843.74	106.4	0.276	2,720.26	7,720.00	10,440.26	104.0
EB6	9,296	247,180.64	12,576.14	105.1	0.276	2,565.70	5,370.00	7,935.70	103.2
EB7	9,856	262,071.04	7,558.85	102.9	0.268	2,641.41	3,620.00	6,261.41	102.4
EB8	9,856	262,071.04	13,742.39	105.2	0.276	2,720.26	5,610.00	8,330.26	103.2
EB9	9,576	254,625.84	12,951.26	105.1	0.268	2,566.37	5,960.00	8,526.37	103.3
Sum/Average	175,795	4,674,389	230,515	104.9	0.270	47,536	91,950	139,486	103.0

Table 28. Comparison of pay factors computed using PRS and current WisDOT QMP for each
of the 18 mainline pavement lots.

Table 29. Comparison of pay factors computed using PRS and current WisDOT QMP for each of the 12 shoulder pavement lots.

Lot	Area	Bid	PRS Pay	PRS Pay	QMP	QMP	Total QMP	QMP Pay
				Factor	Strength	Strength	Pay	Factor
					Pay	Pay		
	sq. yd.	\$	\$	%	\$/sq. yd.	\$	\$	%
WB10	9,856	206,483.20	3,165.56	101.5	0.276	2,720.26	2,720.26	101.3
WB11	9,856	206,483.20	3,013.10	101.5	0.276	2,720.26	2,720.26	101.3
WB12	9,598	201,078.10	2,655.21	101.3	0.276	2,649.05	2,649.05	101.3
WB13	6,751	141,433.45	2,430.33	101.7	0.276	1,863.28	1,863.28	101.3
WB14	8,211	172,020.45	2,326.28	101.4	0.276	2,266.24	2,266.24	101.3
WB15	7,999	167,579.05	2,157.90	101.3	0.268	2,143.73	2,143.73	101.3
EB10	9,856	206,483.20	2,895.59	101.4	0.276	2,720.26	2,720.26	101.3
EB11	9,856	206,483.20	2,275.73	101.1	0.276	2,720.26	2,720.26	101.3
EB12	9,576	200,617.20	1,824.28	100.9	0.276	2,642.98	2,642.98	101.3
EB13	6,801	142,480.95	1,472.20	101.0	0.268	1,822.67	1,822.67	101.3
EB14	8,211	172,020.45	2,534.41	101.5	0.276	2,266.24	2,266.24	101.3
EB15	7,980	167,181.00	2,135.63	101.3	0.276	2,202.48	2,202.48	101.3
Sum/Average	104,551	2,190,343	28,886	101.3	0.275	28,738	28,738	101.3

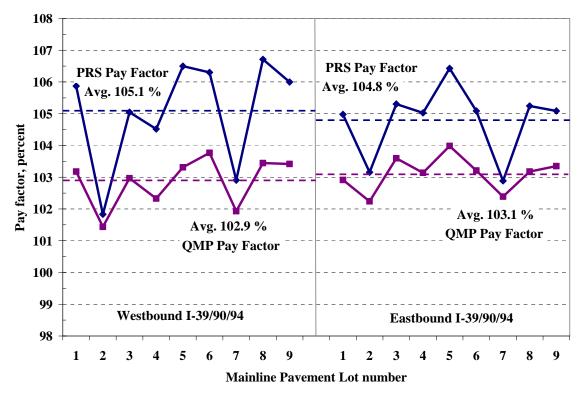


Figure 35. Comparison of pay factors computed using PRS and current WisDOT QMP for each of the 18 mainline pavement lots.

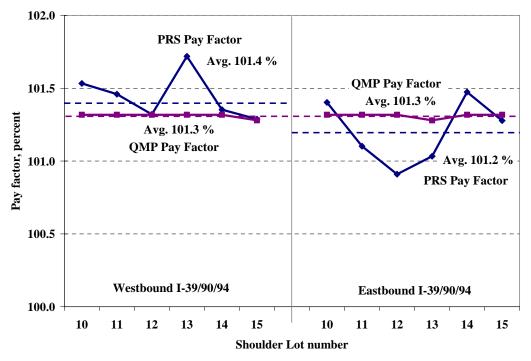


Figure 36. Comparison of pay factors computed using PRS and current WisDOT QMP for each of the 12 shoulder pavement lots.

QUALITATIVE ASSESSMENT

Separate meetings were held at the end of construction to obtain responses by the contractor and WisDOT staff regarding the PRS implementation project. The research team met WisDOT representatives on September 26, 2006 between 1:00 and 2:30 pm and with Trierweiler Construction and the Wisconsin Concrete Pavement Association (WCPA) between 3:00 and 4:30 pm. During the meetings, the results from the project were presented and explained, and questions were addressed. Then, survey forms were provided to the Trierweiler Construction, WCPA, and WisDOT personnel who participated in the PRS implementation.

This survey included questions assessing the functionality of the PRS, any related problems encountered in the process, and changes that were made in response to the PRS. Results of general questions are summarized in table 30, which indicate that the PRS documents were adequate, the PRS concept is desirable, and PRS implementation was not difficult. Additional detailed questions were asked of the contractors and WisDOT personnel. Their responses are provided in the following sections.

Question	Question	Ouestion			WisDOT			
No.	Question	Yes	Maybe	No	Yes	Maybe	No	
1	Do you think the responsibilities and roles of the contractors and WisDOT are well defined in the PRS document?	2	0	0	4	1	0	
2	Do you think PRS (including the incentives) would improve the quality of concrete pavements in Wisconsin?	1	0	1	3	2	0	
3	Do you think that the PRS testing and sampling plan can lead to more accurate measurement of the quality of WisDOT PCC pavements?	0	1	1	3	1	1	
4	Did you think that the PRS process was complicated and lengthy? ¹	0	0	2	0	1	3	
5	Would you like to see PRS implemented on more Wisconsin PCC pavement projects?	1	0	1	3	2	0	

Table 30. General survey responses.

¹ No response from 1 of the 5 WisDOT respondents for this question.

Contractor Assessment

Surveys were completed with representatives of the prime contractor (Trierweiler Construction and WCPA. Their responses to questions 6 through 9 are shown in tables 31 through 35.

Table 31. Contractor responses to Question 6a–What average cumulative pay factor did youexpect to receive for the PRS sections prior to construction?

Pay Factor, %	Reason for this estimate
> 102	Knowledge of current specifications.
100	

Table 32. Contractor responses to Question 6b–Was the pay factor you received worth the effort
you spent achieving it?

Yes	Maybe	No	Comments and suggestions

Table 33. Contractor responses to Question 7–What problems did you see or encounter in preparing for and constructing the I-39/90/94 PRS sections?

Problem encountered in:	Description and suggestions
Discussing the PRS specification with WisDOT	WisDOT staff understanding the background No problem
Understanding the PRS specification.	Pay factors and how they were developed is where most work needs to be done No problem
Adjusting processes to meet the PRS specification	No problem
Preparing subgrade and base	No problem
Setting grade stakes and string lines	No problem
Placing and finishing the concrete surface	No problem
Sampling and testing for strength, thickness, and smoothness	Heard of none How to handle gaps, ramps, etc.
Understanding the PRS pay factors	No problem
Resolving any conflicts related to PRS	No problem
Other related activities	No problem

Table 34. Contractor responses to Question 8–What changes did you make in the design and/or construction process to avoid penalties or receive bonuses under the PRS?

Activities affected:	Description of any changes
Mix design	No changes
Subgrade and base preparation	No changes
Grade stakes and string lines	No changes
PCC batch mixing	No changes
PCC hauling to paver	No changes
PCC transfer to paver	No changes
Paving machine type and setup	No changes
PCC placement methods	No changes
Pavement surface finishing	No changes
Pavement curing	No changes
Surface grinding	No changes

 Table 35. Contractor responses to Question 9–What changes might you make in the design and/or construction process under similar PRS projects?

Possible changes	Description of any changes
1. Thickness design	More updated process than AASHTO 72 procedure
2. Type of project	Project with more phases/paving days.

Other comments that were received included the following:

- For PRS to improve the quality of concrete pavements in Wisconsin, WisDOT would have to buy into the concept of PRS and commit to it.
- We (Wisconsin) were already doing the same tests and frequencies, with the same certified testers, so the PRS testing and sampling plan may not necessarily lead to more accurate measurement of the quality of WisDOT PCC pavements. The key with the PRS is the incentive.
- More work needs to be done so that contractors have understanding of the pre-bid work required in developing the specifications.
- FHWA commitment and WisDOT staff commitment is required for PRS implementation on more Wisconsin PCC pavement projects. Industry will be there to support it.

WisDOT Assessment

WisDOT engineers who participated in the design, implementation, and management of the PRS project responded to the survey and follow-up interviews with generally positive responses. Tables 36 and 37 show their responses to survey questions 7 and 8.

Problem encountered in:	Descriptions and suggestions
Collecting data for PRS input	No problems to my knowledge except projects selected were above par projects. The definition of sublots was a concern initially. However, it was ironed out.
Selecting pay factor limits	Harder on first project. Will become easier with additional experience. Some negotiating was involved between WisDOT and PCC industry. I would like to know if the PRS affected average bid prices. Outside of norm and what people are used to this process could take some time to develop for each project—perhaps could be standardized. I do not see this as a problem because people recognized the issues and discussed them.
Introducing PRS to contractors	Just had to get accustomed to the changes from the normal QMP spec. Getting industry on board early was a big plus in getting the word out. None.
Completing the PRS sampling	Not aware of any; None; I do not see this as a problem.
Completing the PRS testing	Not aware of any; None; I do not see this as a problem.
Determining the PRS pay factor values	No problems; None; I do not see this as a problem.
Informing contractors of bonus or penalty values	No problems; I don't know; I do not see this as a problem.
Resolving conflicts over payments	No problems, yet; None; I do not see this as a problem.
Other PRS activities	None; I do not see this as a problem.

Table 36. WisDOT responses to Question 7–What problems did you see or encounter in developing or implementing the I-39/90/94 PRS?

Table 37. WisDOT responses to Question 8–What other possible problems do you foresee in future PRS use?

Potential problems	Descriptions and suggestions
1. Favoring strength at expense of air	Monitor and adjust pay factors
2. Other projects with many gaps	
3. Differing materials	Spec should be project specific
4. Gaps/HES concrete	Assume strength is okay. All other parameters can be tested.
5. Developing pay factors for future projects	Some training would be needed with FHWA software (PaveSpec 3.0)
6. Comparing to or future use of warrantees	
7. Complexity of project	No straight-aways, but an interchange.
8. Different geographic location of project	Temperature and aggregate concerns.

Additional comments provided by WisDOT engineers included the following:

- Given that this was the first usage in Wisconsin, I suppose there is room for improvement. However, it seemed like it went well.
- Anything that requires the contractor to focus on quality is a good thing.
- This method of data gathering appeared to work well.
- At first, I believed so (PRS development process was complicated and lengthy). However, once people got familiar with the intent and process, I think there was a comfort level.
- If the results show that a better product resulted, I would say "definitely" (to recommend implementing PRS in more pavement projects in Wisconsin).
- It got me thinking about the different factors that play into "quality pavement."
- Assess after receiving written report (to recommend implementing PRS in more pavement projects in Wisconsin).
- Field personnel should have best assessment of this (if responsibilities and roles of WisDOT and the contractors are well defined in the PRS document).
- QA/QC measures achieve accurate measurements.
- Final report should address how WisDOT should proceed if PRS are to be used on future WisDOT projects (if PRS development process was complicated and lengthy).
- Perhaps start with just a couple of more difficult/complicated projects (to recommend implementing PRS in more pavement projects in Wisconsin).
- But not enough so that I could develop pay factor curves for future projects (was the PRS development process educational for you).
- QMP has the basic same principles/incentives.
- Existing QMP measures quality.

- Depends on the project. Long, rural projects with no gaps yes. Urban projects with staging and paving gaps no (to recommend implementing PRS in more pavement projects in Wisconsin).
- Need to watch balance of pay factors carefully to assure that contractors do not start to favor one property more heavily at the expense of another.
- Not compared to some other spec development processes that has taken place here (if PRS development process was complicated and lengthy).
- Yes, while watching the balance of pay factors and making adjustments (to recommend implementing PRS in more pavement projects in Wisconsin).

Qualitative Assessment Summary

The general consensus was that the PRS process was not complicated or lengthy and that it should be implemented on more Wisconsin PCC pavement projects. However, WisDOT would require training in the process of development of pay factors, particularly with PaveSpec 3.0. Success of regular implementation of PRS in Wisconsin would require that all stakeholders including contractors, industry, WisDOT, and FHWA be committed to it.

Other aspects of the PRS that need to be considered include how to handle gaps/ramps etc., differences in aggregate sources for various locations throughout Wisconsin, and projects with multiple stages. The PRS process would need to be standardized so that it can be applied easily for different projects. However, the balance of pay factors should be carefully watched and adjusted to ensure that contractors do not start to favor one AQC at the expense of others.

CHAPTER 6. SUMMARY AND RECOMMENDATIONS

SUMMARY

This trial implementation of a PRS on I-39/90/94 in Dane County, Wisconsin, provided WisDOT and the Wisconsin concrete industry with an understanding of the PRS development and implementation process, and the results achieved. It also provided useful information for developing future PRS projects by WisDOT and other agencies.

Significant efforts were made up front to develop a practical and effective PRS by the researchers, WisDOT, and the Project Oversight Panel. Four AQCs were selected for consideration in the mainline pavement PRS: PCC 28-day compressive strength, slab thickness, entrained air content, and initial smoothness (PI_{0.0}). Three AQCs were selected for consideration in the shoulder PRS: PCC 28-day compressive strength, slab thickness, and entrained air content.

Acceptance levels that were selected for these characteristics are shown previously in table 6. Inputs listed in Chapter 3 were used to develop pay factor curves using the PaveSpec 3.0 software available from the FHWA. These pay factor curves are based on economic justification, not opinion as to the impact of changes in AQCs on a project. A detailed but practical field sampling and testing plan was also prepared. The PRS is included in appendix B.

The I-39/90/94 PCC paving used to test the PRS was completed between March and June 2006. The project included three 12-ft wide lanes in both the eastbound and westbound directions, accompanied by 12-ft wide inside shoulders and 10-ft wide outside shoulders. The results of 18 mainline lots and the 12 PCC shoulder lots were obtained and analyzed using the PRS procedure. Pay factors were determined for all lots and summarized in tables and graphs.

The average pay incentive was 4.9 percent for the mainline pavement and 1.3 percent for the shoulder pavement. This incentive was due to PCC strength and PCC slab thickness being of somewhat better quality than the specified target values and initial smoothness being significantly better quality than the target values. Air content was somewhat below the target values on average and thus reduced the overall incentive pay. Under the current WisDOT QMP program, the contractor would have received an average pay incentive of 3.0 percent for the mainline pavement and 1.3 percent for the PCC shoulder.

Following construction, separate meetings were held after construction to obtain responses by the contractor and WisDOT staff regarding the PRS implementation project. Many interesting comments were received from the contractor, WCPA, and the WisDOT staff involved. The comments indicated general support of the PRS approach.

This project provides strong support for the concept that a PRS that considers AQCs that relate directly to performance and are under the control of the contractor, is practical and can produce a win-win situation for the contractor and the highway agency.

RECOMMENDATIONS

The trial PRS worked very well on this major I-39/90/94 project and all parties appear to be supportive of constructing future projects fully under PRS. Additional trial implementations of PRS are recommended on projects with higher levels of complexity (ramps, gaps, stages, etc.) to iron out all the kinks and streamline the process.

Some key recommendations are provided as follows:

- Carefully define lots and sublots.
 - Must be very carefully defined to meet the technical requirements of the PRS. This includes clear definition of the sublots and the sampling of all AQCs from each sublot, which are then used to compute the means and standard deviations for the lots and the subsequent pay factor.
 - Must also allow for flexibility of unusual situations in the field, such as partial sublots and lots.
 - > The definitions of lots and sublots developed for I-39/90/94 appeared to meet both technical requirements and be practical in the field.
- Carefully select target means and standard deviations of AQCs.
 - Carefully consider these selections so that the level of quality for the project is as desired by the owning agency at the 100 percent pay level.
 - Determine if the agency wishes to increase the previously typical State quality level, decrease the quality level, or specify a quality level similar to previous contracts that performed well. Given the typical incentive level provided by the economic analysis, the level of quality will likely increase over that of previous projects.
 - The balance of pay factors between different AQCs should be carefully watched and adjusted to ensure that contractors do not start favoring one AQC at the expense of another. This was done by limiting the maximum pay factors for each AQC and the total possible pay factor for a lot, and by adjusting the theoretical pay factor curves in limited cases to prevent undesirable high or low target values for some AQCs.
- Carefully consider impacts of pay factor curves derived using PaveSpec on the highway agency and the contractor.
 - > The incentives and disincentives must be sufficient to cause the contractor to take actions to consider appropriate AQC targets, but not too large to cause management and political concerns.
 - Limits must be placed on each AQC so that above which no further incentive is paid (MQL) and below which the lot acceptance is decided through other means than pay reduction (RQL). These are absolutely essential to avoid problems and prevent the contractor from significantly reducing one factor with the goal of maximizing profit.
 - > Some practical adjustment may be needed in some of the theoretical economic-based pay factor curves to meet the desires of the highway agency.
- Given the positive outcome of this project and the positive comments from contractor and WisDOT staff, it is recommended that WisDOT conduct additional PRS projects. Procedures to implement a PRS throughout the State will require some thought. It might be that projects could be divided into two or three levels depending on complexity of the

job (e.g., urban projects consisting of frequent interchanges, varying geometric profiles, and many stages of work versus rural projects with limited interchanges, a fairly uniform profile, and minimal staging requirements), and that "generic" pay factor curves could be developed and used for projects that fall into each of these levels.

BENEFITS OF PRS

The clear and rational approach of PRS, with well-defined quality levels that are understandable to the contractor, are expected to lead to significantly improved highway construction quality, improved pavement performance, and a reduction in LCC. The full possibility of PRS may also offer the opportunity to optimize the design and construction process to provide acceptable performance for lower LCC's at acceptable risks. Key benefits of PRS are listed below, some of which were demonstrated on this I-39/90/94 project:

- Better linkage between design and construction. The very conservative design of the I-39/90/94 project was evident in relatively flat pay factor curve for thickness. This was acceptable for the most part by adjusting the lower end of the thickness curve to increase the disincentive for building a thinner pavement.
- Higher quality pavements (through incentives). The true effect of lower variability (all AQCs had lower standard deviations than the target) may also have benefits that are not calculated or known at this time.
- Testing that focuses on key quality characteristics that relate to the pavement long-term performance. Any factor that is measured and paid by incentive will receive a lot of attention and focus on the project. It will not be ignored. Other AQCs such as dowel-bar alignment, tie-bar alignment, and consolidation around dowels would add to the comprehensiveness of a PRS project and avoid a disastrous situation where something (such as tie-bar location) is not measured until well into the project only to discover it is out of specification.
- Incentives and disincentives that are justified through reduction or increase in future LCC. They are not based solely on judgment. The PaveSpec program provided reasonable pay factors for I-39/90/94.
- Specifications that give the contractors more responsibility and flexibility yet increased accountability may benefit both the contractor and owner. Additional full PRS projects are needed to further demonstrate this possibility.
- Allow contractors to be more innovative and more competitive. When contractors are asked what they do with the incentives they obtain from projects, most state that part of the incentive is used to lower their initial bid to improve their possibility to win the project and part is used to update aging equipment when possible.
- PRS may provide a lower "fear factor" for contractors and less administrative complexity and work over the long term for the agency than warranty specifications.

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APPENDIX A: PAVESPEC 3.0 SCREENSHOTS

PaveSpec 3.0	X
<u>File Edit Window Help</u>	
C:\Documents and Settings\srao\My Documents\Wi	
Specifications Modules	
Image: Comparison Rd (NCL-CTH V) Open Setup Copy New Delete	

Define Specification - IH-39/90/94 Lake Delton-Madison Rd. (NCL-CTH V)	×
Basic Specification Information	<u>S</u> ave
You are about to begin the process of defining a performance-related specification.	Cancel
As you finish with each screen, click the "Next" button to proceed to the next step. You can click on "Back" and return to a previous screen at any time.	Back
Name and Specification Level	Next
Project Name: IH-39/90/94 Lake Delton-Madison Rd. (NCL-CTH V)	
specification levels, you will need to specify more data. Specification Level: Develop a level 1 specification only. Project Identification	
The following fields allow you to specify additional information about the project. They have no effect on the calculations performed by PaveSpec.	
State: Wisconsin Additional Description:	
County: District 1, Dane County	
Project ID: 1011-01-08/88	
Traffic Direction: EB and WB	Page 1 of 11

Define Specification - IH-39/90/94 Lake Delton-Ma	dison Rd. (NCL-CTH V)	X
Dimensions and Lane Configuration This page deals with the dimensions of the project, including lat Lane Information Configuration: Six, Divided The table below lists the lanes that correspond to the configuration you have chosen. Indicate which lanes you will accept for this specification and their widths. Lane Width 1 (outer) ✓ Accept 2 ✓ Accept 3 ✓ Accept 12 ft 3 ✓ Accept Shoulder Type: Tied PCC Stress Load Transfer Efficiency: 5%		Save Cancel Back Next
Inner lane cracking is 80% of outer lane's Road Location: Urban		Page 2 of 11
Define Specification - IH-39/90/94 Lake Delton-Ma	dison Rd. (NCL-CTH V)	×
Design-Related Modules Many of the variables used in PaveSpec are stored in sub-mod page, indicate which Pavement Design, Design Traffic, and Cli specification.		Save Cancel

You can also create new modules, or edit existing modules, by clicking on the "New" or "Edit" buttons to the right	
of your selection.	

	ment Design Modules	Next
Use:		
Desig	n Traffic Modules	
Use:	Default Design Traffic New Edit	
<u> </u>	tic Variables Modules	
Use:	Rew. Edit.	
		Page 3 of 11

Back

Define Pavement Design - Default P	avement Design		X
Name: Default Pavement Design		_	<u>S</u> ave
Design Inputs Base Variables Description	on		Cancel
Design Life:	20 years		
Pavement Type:	Jointed Plain (JPCP), Doweled	•	
Dowel Bar Diameter:	1.5 in		
Transverse Joint Spacing:	18 ft		
PCC Modulus of Elasticity:	4,200,000 psi		
Transverse Joint Sealant Type:	None	•	
Modulus of Subgrade Reaction (static k-value):	125 psi/in		
Water-Cement Ratio:	0.4		
Percent Subgrade Material Passing the #200 (0.075-mm) Sieve	60%		

Define Pavement Design - Defau	ılt Pavement Design		X
Name: Default Pavement Design			Save
Design Inputs Base Variables Des	cription		Cancel
Base Permeability:	Non-Permeable	•	
Base Thickness:	6 in		
Base Modulus of Elasticity:	20,832 psi		
PCC-Base Interface:	Unbonded	•	
Base Erodibility Factor:	4.5		

Define Design Traffic - Default Desig	n Traffic		
Name: Default Design Traffic			<u>S</u> ave
Traffic Inputs Description			Cancel
Define traffic based on: Average Daily Tr	affic (ADT)	•	
Specify traffic for year:	1	-	
ADT at that year:	72,825	-	
Cumulative ESAL's at that year (millions):	3.172	ī	
Growth Rate:	1.85%		
Growth Type:	Compound]	
ESAL-to-ADT Ratio			
Directional factor:	50%		
Percent trucks:	22.1%	Final	
Percent trucks in outer lane:	60%	ESAL-to-ADT ratio:	
Average truck load equivalency factor:	1.8 ESAL's/truck	43.56	

Define Climatic Variables - Default Climatic	: Data	X
Name: Default Climatic Data		<u>S</u> ave
Climatic Inputs Description		Cancel
Average Annual Ereezing Index:	1.250 °F-days	
Average Annual Precipitation:	33 in	
Average Annual Air Freeze-Thaw Qycles:	98	
Average Annual Number of Days Over 90°F:	11	
Climatic Zone:	Wet-Freeze	

Define Specification - IH-39/90/94 La	ke Delton-Madison Rd. (NCL-CTH V)	X
Definition of Pavement Performance			Save
On this page, indicate which distresses and AC	QC's will determine pavement p	performance.	Cancel
Distress Indicators First, choose the distress indicators you war dependencies between each indicator and			Back
Distress Indicator Re	equired AQC's	Optional AQC's	
✓ Transverse Joint Faulting Th	nickness	% Consolidation	Next
Transverse Joint Spalling St	rength, Thickness, Air Content	None	
Transverse Slab Cracking St	rength, Thickness	None	
☐ 🔽 Decreasing Smoothness Ini	tial Smoothness	None	
 Acceptance Quality Characteristics (AQC's) Next, indicate which AQC's you wish to samp sample a required AQC, you must specify a 		ot be sampled. If you elect not to	
Acceptance Quality Characteristic	Status Model [Default Value (if needed)	
Concrete Strength	Required		
🔽 Slab Thickness	Required		
🔽 Air Content	Required		
🔽 Initial Smoothness	Required		Page
Percent Consolidation Around Dowels	Optional		4 of 11

Define Specification - IH-39/90/9	4 Lake Delton-Madison Rd. (NCL-CTH V)	×
AQC Sampling and Testing		Save
These pages determine how PaveSpec Strength Thickness Air Content Initi		Cancel
Level 1 Sampling Level 1 Testing		Back
Sampling Method:	Cvlinders	Next
Timing of Cores:	N/A	
Number of Samples Per Sublot (n):	2	
Number of Replicates per Sample (m)	r. 1	
Additional Sampling or Testing Comm	ients:	
		Page 5 of 11

Define Specification - IH-3	39/90/94 Lake Delton-Madison Rd. (NCL-CTH V)	X
AQC Sampling and Testing		Save
These pages determine how Pa	aveSpec samples, tests, and accepts each AQC.	Cancel
Strength Thickness Air Con	tent Initial Smoothness	
Level 1 Sampling Level 1	Testing	Back
_ Testing		Next
Type of Testing:	Compressive	
Target Timing of Testing:	28 davs Test Maturity: N/A	
Step 1: Testing results	a convert testing values to 28-day flexural strength. 28-day compressive strength from cylinders. ength relationship	Page 5 of 11

Define Specification - IH-39/90/94 Lak	e Delton-Madison Rd. (NCL-CTH V)	×
AQC Sampling and Testing		<u>S</u> ave
These pages determine how PaveSpec samp	les, tests, and accepts each AQC.	Cancel
Strength Thickness Air Content Initial Smo	pothness	
Level 1 Settings		Back
Sampling Method:	Probe	Next
Timing of Samples:	At construction	
Number of Samples per Sublot (n):	8	
Number of Replicates per Sample (m):	1	
Additional Sampling or Testing Comments:		
		Page 5 of 11

Define Specification - IH-39/90/94 Lak	e Delton-Madison Rd. (NCL-CTH V)	X
AQC Sampling and Testing	les tests and accests cash AOC	Save
These pages determine how PaveSpec samp Strength Thickness Air Content Initial Smo		Cancel
Level 1 Settings		Back
Sampling Method:	Air Pressure Meter	Next
Timing of Samples:	At construction	
Number of Samples per Sublot (n):	1	
Number of Replicates per Sample (m):	1	
Testing Type:	Direct - from the air pressure meter	
Additional Sampling or Testing Comments:		
		Page 5 of 11

Define Specification - IH-39/90/94 Lake	Delton-Madison Rd. (NCL-CTH V)	X
AQC Sampling and Testing		<u>Save</u>
These pages determine how PaveSpec samples		Cancel
Strength Thickness Air Content Initial Smoot	nness	
Level 1 Settings		Back
Indicator of Smoothness Over Time:	International Roughness Index (IRI)	Next
Initial Smoothness Indicator:	Profile Index (0.0-in blanking band)	
Initial Smoothness Relationship:	IRI = [2.2334 * PI(0.0)] + 25.557	
Number of Pass Locations Per Sublot (n):	4	
Pass Locations (describe):		
Number of Replicates per Pass Location (m):	1	
Timing of Samples (describe):		
Profilograph Reduction Method:	Computerized	
		Page 5 of 11

Define Specifica	tion - IH-39/90/9	94 Lake Deltor	n-Madison F	Rd. (NCL-CTH V)	X
AQC As-Designed	Target Value Defin	ition			<u>S</u> ave
pavement performa				odels you have selected to define nation of the as-designed LCC's.	Cancel
Level 1 Settings					Back
Determine target	LCC by: Estimate	LCC Through Sin	nulation	•	
	iate AQC means and corresponding to the Sample Method			d) that define the as-designed target sting plan. Sampling and Testing Summary	Next
Concrete	-			Compressive strength testing of	
Strength	Distribution	💻 4,500 psi	500 psi	cylinders at 28 days (n=2, m=1).	
Slab Thickness	Distribution	▼ 12.5 in	0.2 in	Probe measurements (n=8, m=1).	
Air Content	Distribution	• 7%	0.6%	Air pressure meter (n=1, m=1).	
Initial Smoothness	Distribution	✓ 30 in/mi	7 in/mi	Profile Index (0.0-in/0.0mm blanking band, n=4, m=1).	
Percent Consol. Around Dowels		N/A	N/A	N/A	Page 6 of 11

Define Specification - IH-39/90/94 Lake Delton-Madison Rd. (NCL-CTH V)	
Life-Cycle Cost-Related Modules	<u>S</u> ave
On this page, specify which Maintenance and Rehabilitation Plan and Unit Costs modules you want to use for this specification.	Cancel
You can also create new modules, or edit existing modules, by clicking on the "New" or "Edit" buttons.	Back
Maintenance and Rehabilitation Plan Modules Use: Default M&R New. Edit.	Next
Unit <u>C</u> osts Modules Use: Default Costs	
	Page 7 of 11

Maintenance a	nd Rehabilitation Plan - Default M&R	×
Name: Default	M&R	Save
Maintenance L	ocal Rehab Global Rehab Description	Cancel
Transvers	e Joint Sealing:	
Seal	of transverse joints every	
LLongitudin	al Joint Sealing:	
Seal	of longitudinal joints every	
Transvers	e Crack Sealing:	
Seal	of existing transverse cracks every	

lainte	enance and Rehabilitation Plan - Default M&R			
Vame:	Default M&R			<u>S</u> ave
Mainte	enance Local Rehab Global Rehab Description			Cancel
Thes	e steps will be applied to each sublot each year until global re	ahab or	ccurs.	
1.	Every 1 year apply partial-depth repairs to 100% of spalled joints.	^	New Step	
2.	Every 1 year apply partial slab replacements to 100% of cracked slabs.		Move Up	
3.	If cumulative percent spalled joints exceeds 60.00%, then consider the sublot failed.		Move <u>D</u> own	
4.	If cumulative percent cracked slabs exceeds 10.00%, then consider the sublot failed.		Delete	
5.	If average transverse joint faulting exceeds 0.1500 in, then consider the sublot failed.	~		
То	tail for Step 1 define this rehabilitation plan step, complete the following sen			
Ev	/erv	l year		
	do partial-depth repairs to 100% of spalled	d joints		
an	d continue to the next step			

Maintenance and Rehabilitation Plan - Default M8	ir 🔀
Name: Default M&R	Save
Maintenance Local Rehab Global Rehab Description	Cancel
These steps will be applied to each sublot each year until g	lobal rehab occurs.
 If cumulative percent cracked slabs exceeds 10.00%, consider the sublot failed. 	then New Step
 If average transverse joint faulting exceeds 0.1500 in, consider the sublot failed. 	then Move Up
6. If IRI exceeds 175 in/mi, then consider the sublot failed	d. Move Down
 If percent failed sublots exceeds 20%, then begin glob rehab scenario 1. 	
Detail for Step 1 To define this rehabilitation plan step, complete the follow Every do partial-depth repairs to 100% of and continue to the next step	ing sentence. I year f spalled joints

inter	nance and Rehabilitation P	lan - Default	MER		
ame:	Default M&R				<u>S</u> ave
<i>lainter</i>	nance Local Rehab Global Re	hab Descripti	on		Cancel
Scen	ario 1 Scenario 2 Scenario 3	1			
- Prio	r To First Global Rehabilitation A	pplication ——			
~	Repair 100% of spalled joint	s with partial-	depth repairs	s 💽	
	Repair 100% of cracked slat	os with partia	al slab replace	ements	
100					
Glob	oal Rehabilitation Sequence				
	Global Rehabilitation to Apply	Assumed Life	Start IRI	End IRI	
1st	Diamond Grinding	8 years	50 in/mi	175 in/mi	
2nd	Diamond Grinding	8 years	50 in/mi	175 in/mi	
3rd	AC Overlay	15 years	50 in/mi	175 in/mi	
4th	AC Overlay	15 years	50 in/mi	175 in/mi	
Note	e: If needed, 4th rehabilitation is re	peated until en	d of analysis I	ife.	

Define Unit Costs - Default Costs				X
Name: Default Costs				<u>S</u> ave
Maintenance Rehabilitation Other				Cancel
Trans∨erse Joint Sealing:	N/A	perfoot	*	
Longitudinal Joint Sealing:	N/A	perfoot	*	
Transverse Crack Sealing:	N/A	perfoot	_	

aintenance Rehabilitation Other				Cancel
Localized Unit Costs				1
Full-depth repairs of transverse joints:	N/A	per sq. vard	-	
Partial-depth repairs of transverse joints:	\$ 18.00	per joint-foot	•	
Full slab replacements:	N/A	per sq. yard	Ŧ	
Partial slab replacements:	\$ 65.00	per sq. vard	•	
Global Unit Costs				
AC overlay:	\$ 9.00	per sq. vard	•	
PCC overlay:	N/A	per sq. yard	~	
Diamond grinding:	\$ 2.50	per sq. vard	•	

Define Unit Costs - Default Costs		X
Name: Default Costs		<u>S</u> ave
Maintenance Rehabilitation Other		Cancel
Annual inflation rate:	3%	
Annual interest rate:	8%	
Assumed width of a full-depth repair of a transverse joint:	N/A	
Assumed width of a partial-depth repair of a transverse joint:	1 ft	
Assumed width of a partial slab replacement:	6 ft	
User cost percentage to include:	0.25%	
Year of construction:	2006	
If desired, enter a detailed description of this unit cost module:		
1		

Define Specification - IH-39/90/94 Lake Delton-Madison Rd. (NCL-CTH V)	
Simulation Control	<u>S</u> ave
These parameters affect the number of lots, sublots, and ranges of AQC's used in the prediction process. If there is more than one tab showing below, be sure to check each one.	Cancel
Generic Settings Strength Thickness Air Content Initial Smoothness	Back
These settings apply to both Level 1 and Level 2 specifications.	
Number of lots to simulate at each factorial point: 1,001 (A minimum of 500 is recommended.)	<u>N</u> ext
Minimum number of sublots per lot to simulate: 4	
Maximum number of sublots per lot to simulate: 4	
Average bid price (used to generate Level 1 pay factor charts): \$30.00 /yd ²	
Analysis life: 60 years	
	Page 8 of 11

Define Specification - IH-	39/90/94 Lake Del	ton-Madiso	n Rd.	(NCL-C	TH V)				×
Simulation Control These parameters affect the nu is more than one tab showing b			∖QC's u	sed in the	e predictio	n proc	ess. lfthe	ere	Save Cancel
Generic Settings Strength								1	Back
This page defines the factori	als used to determine t	ne Level 1 stre		v	19194	•			Next
Note: Design Mean is 4,500		Mean	0 psi		lard Devia 500 psi 7		.000 ps		
Lowest Mean Value:	3,250 psi	3,250 ps							
Highest Mean Value:	5,500 psi	3,500 ps							
Total Number of Means:	10	3,750 ps							
Standard Deviations (SD) -		4,250 ps							
Note: Design SD is 500 psi		4.500 ps							
Lowest SD:	0 psi	4,750 ps							
Highest SD:	1,000 psi	5,000 ps							
Total Number of SDs:	5	5,500 ps							Page
									8 of 11
			10215						

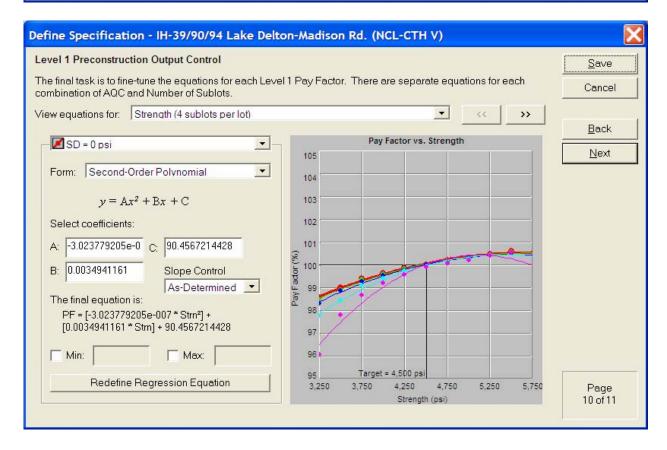
exerce parameters affect the number of lots, sublots, and ranges of AQC's used in the prediction process. If there have have note than one tab showing below, be sure to check each one. eneric Settings Strength Thickness Air Content Initial Smoothness in the previous of Strength Thickness Air Content Initial Smoothness in the prediction process. If there is the previous of the prediction process. If there is the prediction process. If there is the prediction process. If there is the prediction process is the prediction process. If there is the prediction process is the prediction process. If there is the prediction process is the prediction process. If there is the prediction process is the prediction process. If there is the prediction process is the prediction process. If there is the prediction process is the prediction process is the prediction process. If there is the prediction process is the prediction process is the prediction process. If there is the prediction process is the prediction process is the prediction process. If there is the prediction process is the prediction process is the prediction process. If there is the prediction process is the prediction process is the prediction process. If there is the prediction process is the prediction process is the prediction process is the prediction process. The prediction process is the prediction process is the prediction process is the prediction process. The prediction process is the predictin process is the prediction process is the predicti	Cancel <u>B</u> ack <u>N</u> ext
his page defines the factorials used to determine the Level 1 thickness/pay factor equations. Means Preview of Simulation Factorial Note: Design Mean is 12.5 in. Image: Standard Deviation Lowest Mean Value: 11.5 in Highest Mean Value: 13 in Image: The standard Value: 13 in Image: The standard Value: 11.75 in	_
Means Preview of Simulation Factorial Note: Design Mean is 12.5 in. Image: Standard Deviation Lowest Mean Value: 11.5 in Highest Mean Value: 13 in	-
Note: Design Mean is 12.5 in. Standard Deviation Lowest Mean Value: 11.5 in Highest Mean Value: 13 in	Next
Lowest Mean Value: 11.5 in Mean 0 in 0.2 in 0.4 in Highest Mean Value: 13 in 11.5 in 11.75 in <t< td=""><td></td></t<>	
Lowest Mean Value: 11.5 in Highest Mean Value: 13 in 11.75 in	
11.75 in	
1 12 in	
Standard Deviations (SD)	
Note: Design SD is 0.2 in.	
Lowest SD: 0 in 12.5 in	
12.75 in	
Highest SD: 0.4 in	

Define Specification - IH-	39/90/94 Lake Delt	on-Madiso	n Rd.	(NCL-C	CTH V)			X
Simulation Control These parameters affect the nuis more than one tab showing b			AQC's u	sed in th	e predic	tion proc	cess. If there	Save Cancel
Generic Settings Strength	Thickness Air Content	Initial Smoo	thness					Back
This page defines the factori	als used to determine the	e Level 1 air	contenty	pay fact	or equa	tions.		Next
Means		Preview	of Simu	lation Fa	actorial-			
Note: Design Mean is 7%.		Mean	0%	Stand 0.3%	dard De 0.6%	viation 0.9%	1.2%	
Lowest Mean Value:	5.5%	5.5%			1			
Highest Mean Value:	8.5%	6%						
Total Number of Means:	7	6.5%			1	1		
Note: Design SD is 0.6%.		7%						
Lowest SD:	0%	7.5%						
Highest SD:	1.2%	8%						
Total Number of SDs:	5	8.5%						Page
			, 	**				8 of 11
Define Specification - IH-	39/90/94 Lake Delt	on-Madiso	n Rd.	(NCL-C	TH V)			X
Simulation Control These parameters affect the nuise more than one tab showing b			AQC's u	sed in th	e predic	tion prod	cess. If there	<u>S</u> ave Cancel
Generic Settings Strength	Thickness Air Content	Initial Smoo	thness					Back

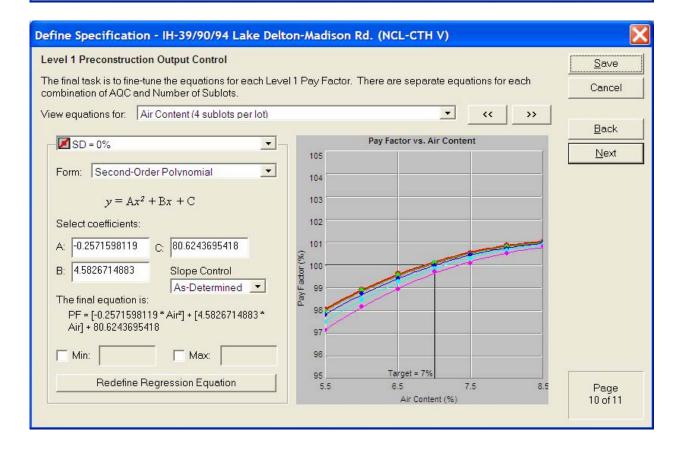
This page defines the factorials used to determine the Level 1 initial smoothness/pay factor equations.

Note: Design Mean is 30 ir	ı/mi.	10		lard Dev			
Lowest Mean Value:	10 in/mi	-	 4 in/mi	7 in/mi	10 in/mi	13 in/mi	
Highest Mean Value:	50 in/mi	10 in/mi					
Total Number of Means:	9	20 in/mi					
	E.	25 in/mi					
Standard Deviations (SD)		30 in/mi					
Note: Design SD is 7 in/mi	e	35 in/mi					
Lowest SD:	1 in/mi	40 in/mi					
Highest SD:	13 in/mi	45 in/mi					
Total Number of SDs:	5	50 in/mi					aqe

Define Specif	fication - IH-39/90/94 Lake Delton-Madison Rd. (NCL-CTH V)	
Congratulation: PaveSpec is n	ment and Preconstruction Output s! You have finished all the steps necessary to define your specification. ow performing the calculations necessary for preconstruction output and is building your ocument. When it is complete, proceed to the next page, where you may fine-tune the results.	Save Cancel
Completed	Task	Back Next
100% ▶ 33%	As-Designed Predictions (Level 1) Concrete Strength Factorials Slab Thickness Factorials Air Content Factorials Initial Smoothness Factorials	
Overall Comp 17595 lots, 7	0380 sublots predicted.	Dava
		Page 9 of 11



Define Specification - IH-39/90/94 Lake Delto	on-Madison Rd. (NCL-CTH V)	
Level 1 Preconstruction Output Control The final task is to fine-tune the equations for each Leve combination of AQC and Number of Sublots.	I 1 Pay Factor. There are separate equations for each	<u>S</u> ave Cancel
View equations for: Thickness (4 sublots per lot)	Pay Factor vs. Thickness	Back
SD = 0 in \checkmark Form: Second-Order Polynomial \checkmark $y = Ax^2 + Bx + C$ Select coefficients: A: -0.1814853241 C: 65.8406057143 B: 4.998574513 Slope Control As-Determined \checkmark The final equation is: PF = [-0.1814853241 * Thk²] + [4.998574513 * Thk] + 65.8406057143 Min: \square Max:	105 104 103 102 101 102 101 100 99 98 97 98 97 96 95 Target = 12.5 in	<u>N</u> ext
Redefine Regression Equation	11.5 12 12.5 13 Thickness (in)	Page 10 of 11



Define Specification - IH-39/90/94 Lake Delto	on-Madison Rd. (NCL-CTH V)	X
Level 1 Preconstruction Output Control The final task is to fine-tune the equations for each Leve combination of AQC and Number of Sublots.	el 1 Pay Factor. There are separate equations for each	<u>Save</u> Cancel
View equations for: Smoothness (4 sublots per lot)	Pay Factor vs. Smoothness	Back
Form: Second-Order Polynomial \checkmark $y = Ax^2 + Bx + C$	105	<u>N</u> ext
Select coefficients: A: -0.007160404 C: 107.305574467	100	
B: -0.0265606857 Slope Control As-Determined The final equation is:	Pay F add (%)	
PF = [-0.007160404* Smth ²] - [0.0265606857* Smth] + 107.905574467	85	
Redefine Regression Equation	80 Target = 30 in/mi 10 20 30 40 50 Smoothness (in/mi)	Page 10 of 11

Define Specification - IH-39/90/9	4 Lake Delton-Madison Rd. (NCL-CTH V)	X
Level 1 Composite Pay Factor Equation	on Definition	<u>S</u> ave
Finally, you can specify the form of the fir	nal Level 1 composite pay factor equation.	Cancel
Composite Pay Factor Equation Form:	Product]
	-Weights	Back
	Concrete Strength:	Next
	Slab Thickness:	
	Air Content	
	Initial Smoothness:	
	Percent Consolidation Around Dowels:	
	Sum: 4	
- Final Level 1 Composite Pay Factor E	quetion	
CPF = PFStrn x PFThk x PFAir x PFSn		
	specification. To finish, click "Save." You can then use your specification s for any of the simulations performed for this specification.	Page
in the new of turn down to see specifics	sion any or the simulations performed for this specification.	11 of 11

APPENDIX B: FINAL PERFORMANCE-RELATED SPECIFICATION

PROJECT ID 1011-01-88

IH-39/90/94 LAKE DELTON-MADISON RD (NCL – CTH V) DISTRICT 1, DANE COUNTY, WISCONSIN

TECHNICAL SPECIAL PROVISIONS FOR PERFORMANCE-RELATED SPECIFICATION FOR RIGID PAVEMENT

Prepared By: Applied Research Associates, Inc. 505 W. University Ave. Champaign, IL 61820

August 12, 2005

B-1

Concrete Pavement Performance-Related Specification, Item SPV.0055.01

A Description

This special provision describes the procedure for computing incentive/disincentive pay for the 12 1/2-in mainline concrete pavement and the 8-in concrete shoulder.

A.1 General

Apply this special provision only to the following bid items: SPV.0180.01 Concrete Pavement 12 1/2-Inch 415.0080 Concrete Pavement 8-Inch

A.2 Introduction

The department will pilot this Performance-Related Specification (PRS) for concrete pavement as part of this project. The PRS provides for incentive/disincentive pay to the contractor depending on the level of construction quality achieved in the field. The Composite Pay Factor for a specific lot of pavement is based on the difference between the estimated long-term Life Cycle Cost (LCC) of the as-designed (target) pavement and the estimated long-term LCC of the as-constructed pavement, as determined by the PaveSpec 3.0 software on a lot-by-lot basis. This methodology is detailed in the Federal Highway Administration (FHWA) report FHWA-RD-98-155, *Guide to Developing Performance Related Specifications for PCC Pavements*.

The Composite Pay Factor is based on four individual pay factors for the concrete: 28-day compressive strength, concrete slab thickness, concrete entrained air content, and initial pavement smoothness (Profile Index [PI] measured using a zero or 0.01-inch blanking band).

For any given lot, the absolute minimum value of the Composite Pay Factor shall be limited to 80 percent and the absolute maximum value shall be limited to 110 percent provided the acceptance quality characteristics (AQCs) are above the Rejectable Quality Levels (RQLs) for concrete strength, air content, and thickness, and below the RQL for smoothness, as described in C.1.2 of these special provisions. The department will accept or reject concrete on a sublot-by-sublot basis. If any AQC for a given sublot is below the corresponding RQL for concrete strength, air content, or thickness, or above the RQL for smoothness, all current department procedures for non-conforming materials (WisDOT Standard Specification 106.5 and WisDOT C&M Manual, 4-5-20) shall apply for all non-conforming material within that particular sublot. If the air content is adjusted and retested within a sublot, the actual values of all individual tests will be prorated using a weighted average calculation based on quantity within the sublot for use in the PRS pay factor calculation. The department will not pay PRS incentive or disincentive for a sublot with nonconforming material.

A.3 Specification Changes

Conform to 415, 416, and 501 of the standard specifications, the supplemental specifications, and to QMP Concrete Pavement, Item 415.3000.S, Incentive Strength Concrete Pavement, Item 415.2000.S, except as modified in this special provision.

Delete definitions of conforming and nonconforming from 415.3.18.2 of the standard specifications. Delete 415.3.18.3, 415.3.18.4, 415.3.18.8, 415.3.18.9, and 415.5.2 of the standard specifications.

Delete B.7.4.1.1(1), B.7.4.1.2, B.7.4.1.3, B.7.5(2), G.1, and G.3 of QMP Concrete Pavement, Item 415.3000.S, Incentive Strength Concrete Pavement, Item 415.2000.S.

Delete "2,500 psi" from section B.7.4.4 of QMP Concrete Pavement, Item 415.3000.S, Incentive Strength Concrete Pavement, Item 415.2000.S and replace with "3,250 psi" as the nonconforming limit for mean sublot strength.

Delete the sentence "The department will in no case pay a compressive strength incentive for nonconforming material" from B.7.5.2(4) of QMP Concrete Pavement, Item 415.3000.S, Incentive Strength Concrete Pavement, Item 415.2000.S and replace with "The department will not pay PRS incentive or disincentive for a sublot with nonconforming material."

A.4 Background

The main objective of this PRS is to provide the department with a methodology to assure that all design assumptions are being fulfilled, promote high quality construction, and to protect the agency from poor workmanship. At the same time, it allows the contractor the maximum freedom in deciding how to perform the construction. The PRS provides rational methods for contract adjustments based on the difference between the as-designed and as-constructed LCCs of the pavements.

The proposed PRS incentive/disincentive pay schedules were developed using the FHWA methodology as defined in the report FHWA-RD-98-155, *Guide to Developing Performance-Related Specifications for PCC Pavements*, and implemented in the PaveSpec 3.0 software. The PRS employs distress prediction models to relate the AQCs to future pavement performance and associated LCC.

Figure 1 illustrates how the PRS methodology works. The FHWA Web site provides additional information about PRS and the PaveSpec 3.0 software (www.tfhrc.gov/pavement/pccp/pavespec/pavespec.htm).

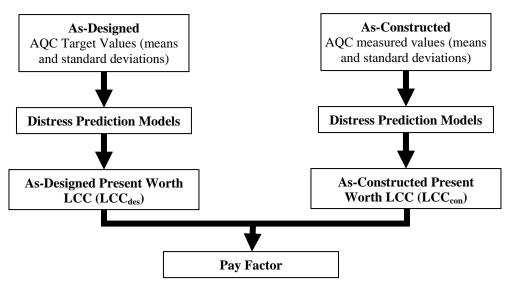


Figure 1

BASIC CONCEPTS OF LCC-BASED PRS

The *pay factor* (PF) is defined as the percentage of the bid price that the contractor is paid for the construction of a concrete pavement lot and the pay factor curves were developed based on the difference between the as-constructed and as-designed LCC (in present worth dollars) as follows:

$$PF^* = 100(BID_e + [LCC_{des} - LCC_{con}]) / BID_e$$
 Eq. 1

Where:

 $\begin{array}{ll} BID_{e} & = Estimated \ bid \ price \ that \ was \ used \ for \ calculating \ PF, \ \$. \\ LCC_{des} & = As-designed \ life \ cycle \ cost, \ \$. \\ LCC_{cons} & = As-constructed \ life \ cycle \ cost, \ \$. \end{array}$

* The pay factor (PF) will apply to bid items SPV.0180.01, Concrete Pavement $12 \ 1/2 -$ Inch and 415.0080, Concrete Pavement 8-Inch only, but will be paid for under Concrete Pavement Performance-Related Specification, Item SPV.0055.01.

The LCC was computed using future maintenance and rehabilitation (M&R) activities and agency costs that were determined based on prediction models for slab cracking, joint spalling, joint faulting, and pavement smoothness. A key aspect of using LCC to define the pay factors is that the LCC of the as-constructed lot is the overall measure of quality, providing a rational way to develop an overall pay factor for the lot. The pay factors computed by this procedure have been adjusted slightly for practical application by the department.

B (Vacant)

C Construction

C.1 General

Pay in this specification is based on the following acceptance quality characteristics (AQC) only:

- Concrete compressive strength at 28 days.
- Concrete entrained air content.
- Concrete slab thickness.
- Initial smoothness (Profile Index measured using a zero or 0.01-inch blanking band).

Several other quality characteristics (e.g., aggregate properties and gradation, surface friction, slump, dowel placement, tie bar placement) are very important but are not directly considered in this PRS. These quality characteristics and construction requirements are considered as described in the department's existing specifications. For these quality characteristics conform to 415, 416, and 501 of the standard specifications, the supplemental specifications, QMP Concrete Pavement, Item 415.3000.S, Incentive Strength Concrete Pavement, Item 415.2000.S, and Profiling Concrete Pavement special provision.

C.1.1 Target Quality Levels

If the department's mean and standard deviation targets for each of the AQCs used for payment calculations are met, the agency will not pay any incentive or disincentive. The target quality levels (mean and standard deviations) at which the department will not pay any incentive or disincentive are as follows:

Acceptance Quality		Lot Tar	get Values		
Characteristic, AQC	Mean		Mean		Standard Deviation
Slab Thickness, in	12 1/2 ⁽¹⁾ 8 ⁽¹⁾		$0.20^{(1)}$		
Concrete 28-day Compressive Strength, psi	4,500 ⁽²⁾		500 ⁽²⁾		
Air Content, %	7.0 ⁽³⁾		7.0 ⁽³⁾		0.6 ⁽³⁾
Initial Profile Index, in/mile (zero or 0.01- inch blanking band)	30.0 ⁽⁴⁾		7.0 ⁽⁴⁾		

(1) Thickness: mean and standard deviation computed from eight independent probe measurements per sublot (two measurements per 0.05 lane-mile).

- (2) Strength: mean and standard deviation computed from averages of two cylinders per sublot.
- (3) Air content: mean and standard deviation computed from one pressure meter test per sublot.
- (4) Smoothness: mean and standard deviation computed from four measurements inside and outside wheelpaths of the lane per 0.1 mile (two pairs per sublot).

C.1.2 Rejectable Quality Levels

Rejectable quality level (RQL) is the level of quality below which for thickness, air content, and compressive strength, or above which for smoothness, the pavement is deficient enough that a corrective action is warranted. The RQLs (sublot mean values) for each of the AQCs used for payment calculations in this PRS are as follows:

Acceptance Quality Characteristic, AQC	Rejectable Quality Level, RQL (Sublot Mean)			
Slab Thickness, in	11 1/2 7			
Concrete 28-day Compressive Strength, psi	3,250			
Air Content, %	5.5			
Initial Profile Index, in/mile (zero or 0.01-inch blanking band)	50			

The department will accept or reject concrete on a sublot-by-sublot basis.

If the quality of the as-constructed sublot (as measured by the acceptance test results) of *any* of the AQCs is below the corresponding RQL for concrete strength, air content, or thickness, or above the RQL for smoothness, the engineer will determine the appropriate corrective actions, as governed by current department procedures and specifications for non-conforming materials. All current department procedures for non-conforming materials shall apply for all non-conforming materials in that particular sublot.

The actual values will be used to calculate the mean and standard deviation for the lot. If the air content is adjusted and retested within a sublot, the actual values of all individual tests will be prorated using a weighted average calculation based on quantity within the sublot for use in the PRS pay factor calculation. If the computed mean falls below the RQL for concrete strength, air content, or thickness, or above the RQL for smoothness, the RQL will be used in determining the composite pay factor.

C.1.3 Maximum Quality Level

Maximum quality level (MQL) is the level of quality at which the pavement is unnecessarily more conservative than the design so that no further pay increase will be applied. The MQLs (lot mean values) for each of the AQCs used for payment calculations in this PRS are as follows:

Acceptance Quality Characteristic, AQC	Maximum Quality Level, MQL (Lot Mean)	
Slab Thickness, in	13	8 1/2
Concrete 28-day Compressive Strength, psi	5,500	
Air Content, %	8.5	
Initial Profile Index, in/mile (zero or 0.01-inch blanking band)	10.0	

The actual values will be used to calculate the mean and standard deviation for the lot. If the computed mean falls above the MQL for concrete strength, air content, or thickness, or below the MQL for smoothness, the MQL will be used in determining the composite pay factor.

D Measurement

D.1 General

The statistical acceptance procedures are based on the vital assumption of randomness of sampling. Random sampling is defined as a manner of sampling that allows every member of the population (lot) to have an equal opportunity of appearing in the sample. The PRS AQCs are measured for each sublot, and payment is made on a lot-by-lot basis. Thus, the sublot boundaries must be marked and maintained until finalizing the payment computation. The lot shall be divided into sublots for sampling and testing purposes. Markers shall be placed every 0.1 mile along the mainline traffic lanes to help determine the lot and sublot limits.

The definitions of lot, sublot, and sampling frequency for compressive strength, air content, thickness, and initial smoothness are presented below.

D.2 Lots and Sublots

D.2.1 Pavement Lot

A pavement lot is defined as the amount of material or construction produced by the same process, so that each AQC is likely to be from the same distribution. Divide the paving project into lots as described in this section.

The minimum lot size is defined as four sublots. For one-lane paving, each lot is one lane wide and at least 0.8 miles long. For two-lane paving each lot is two lanes wide and at least 0.4 miles long.

The maximum lot size is defined as eight sublots. The engineer may terminate the lot if there is any reason to believe that a special cause affected the process and resulted in a significant shift in the mean or standard deviation of any of the AQCs. Changes in the concrete mix design do not necessarily terminate the lot. This determination is made by the engineer.

If the lot length is less than 0.8 miles for a one-lane lot and 0.4 miles for a two-lane lot, group it with the next lot. If the last lot in the paving project is less than 0.8 miles for a one-lane lot and 0.4 miles for a two-lane lot, group it with the previous lot.

A partial lot is defined as a lot for which concrete strength testing was conducted on none or only one of the planned sublots due to premature stoppage of paving. Premature stoppage of paving is defined as the stoppage of pavement construction operations due to unexpected conditions such as weather or equipment problems. A partial lot shall be re-divided into sublots similar to a new lot.

The characteristics of a lot are summarized as follows:

- 1. Each lot is one paving pass in width and can be equal to one or two traffic lanes.
- 2. A lot consists of a minimum of four sublots which are each 0.2 lane miles. The sublots exist consecutively (longitudinally) along the same paving width. A lot cannot be divided between two adjacent or separated paving lanes.
- 3. The minimum length of a lot is 0.8 miles for a one-lane lot and 0.4 miles for a two-lane lot and this lot can include work from one or more days of paving.
- 4. The maximum lot length is defined as 8 sublots or 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot. The engineer may terminate the lot if there is any reason to believe that a special cause affected the process and resulted in a significant shift in the mean or standard deviation of thickness, air content, strength, or smoothness (AQCs).
- 5. Partial lots: if the contractor builds a paving pass in a given day that, for whatever reason, is less than a complete lot, this is defined as a partial lot. A partial lot is combined with the previous or next days paving to produce a full lot with a minimum length of 0.8 miles (for a one-lane lot) and 0.4 miles (for a two-lane lot) and a maximum length of 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot. If the combined length of paving of a partial lot and the current lot being paved is greater than 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot to 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot and another partial lot identified to be added to the next lot.
- 6. If a section of paving has been designated as a partial lot but cannot be combined with the adjacent lot described under #2 (e.g., a one-lane of widening or tapered paving that is less than 0.8 miles), or if it is the last lot in the paving project and is less than 0.8 miles for a one-lane lot and 0.4 miles for a two-lane lot, they shall be allowed to be grouped with a previous lot. This will be allowed even if it results in a lot that is greater than 1.6 miles for a one-lane lot and 0.8 miles for a two-lane lot.
- 7. Concrete shoulders are only tested for strength, air content, and thickness, but not for smoothness. The smoothness for the shoulder (Profile Index) is assumed to be at the target values of 30.0 in/mile mean and 7.0 in/mile standard deviation.

D.2.2 Pavement Sublot

The application of this PRS requires that a lot be divided into discrete sublots and that sampling be conducted in each sublot for all AQCs. This means that strength, air content, thickness, and smoothness shall be measured within each mainline sublot boundary and strength, air content, and thickness shall be measured within each shoulder sublot boundary. Divide each lot into sublots as described in this section.

For one-lane paving, each sublot is one lane wide and 0.2 miles long. For two-lane paving each sublot is two lanes wide and 0.1 miles long. A paving sublot has the following characteristics:

- 1. The sublot length is established at a constant 0.1 mile for a two-lane sublot and 0.2 mile for a one-lane sublot and is equivalent to 0.2 lane-miles. This is done for measurement of Profile Index and for field location expediency.
- 2. The width of a sublot can be one lane or two lanes.
- 3. There shall be a minimum of four sublots and a maximum of eight sublots in each lot.
- 4. In cases when there is a partial sublot which belongs to a particular lot (due to operational changes or end of paving), the engineer may allow the length of one sublot within that lot to exceed the constant value of 0.1 mile for a two-lane sublot and 0.2 mile for a one-lane sublot.

D.3 Testing Methods and Sampling Frequency

D.3.1 General

The testing methods for slab thickness, concrete strength, air content, and initial smoothness, are shown below.

Acceptance Quality Characteristic, AQC	Test Method ⁽¹⁾
Slab Thickness, in	Probes (CMM 4-25-70)
Concrete 28-day Compressive Strength, psi	Cylinders (AASHTO T 22, T 23, T 141, M 201)
Air Content, %	Pressure Meter (AASHTO T 152 ⁽²⁾)
Initial Profile Index, in/mile	department approved profile measuring device with zero or 0.01- inch blanking band

(1) All AQCs must be measured within the same sublot limits.

(2) As modified in CMM 4-25-70.

The lot and sublot definitions and size for concrete sampling are the same for all four AQCs and are described in D.2 of these special provisions.

D 3.2 Concrete Compressive Strength

Perform compressive strength testing as described in B.7.4 of QMP Concrete Pavement, Item 415.3000.S, Incentive Strength Concrete Pavement, Item 415.2000.S.

The sublot strength is the average of 2 sublot QC test cylinders chosen by the contractor.

D 3.3 Air Content

Test air content as described in B.7.5 of QMP Concrete Pavement, Item 415.3000.S, Incentive Strength Concrete Pavement, Item 415.2000.S.

The sublot air content is the reading of 1 pressure meter measurement tested on the same sample used for QC strength cylinders.

The lower and upper control limits for air content are the values specified in C.1.2 and C.1.3 of this special provision. The lower warning limit for air content is 0.5 percent above the lower control limit. There is no upper warning limit.

D.3.4 Slab Thickness

The department will use contractor probing of the freshly placed concrete as the primary method for determining thickness. The required quality control test measurements shall be recorded and will become part of the permanent project record. Conduct all probing tests as specified in CMM 4-25-70.

For each sublot, the contractor shall make eight probe (four pairs) measurements.

For a one-lane 0.2-mile sublot, make two probings at four longitudinal locations selected at random every 0.05 miles. For a two-lane 0.1-mile sublot, make two probings at two longitudinal locations per lane selected at random every 0.05 miles per lane. Report the individual probings at all locations and not the averages of two readings per longitudinal location.

Perform individual probings at transverse locations as agreed upon by the engineer. The engineer may approve or change probing locations at the engineer's discretion.

D.3.5 Initial Smoothness

Test the pavement surface smoothness as described in Profiling Concrete Pavement special provision.

For each sublot, the contractor shall make four profile measurements (one measurement on inside and outside wheelpath of each of two segments).

For a one-lane 0.2-mile sublot, divide the sublot into two equal longitudinal segments. For a two-lane 0.1-mile sublot, each lane is one segment. Report the profile measurements of each individual wheelpath for each segment and not the average of the two wheelpaths. Profile traces shall not be taken on shoulders and ramps.

E Payment

E.1 General

The PRS recognize that higher quality products have additional value and provide payment for this higher quality up to a maximum value. The PRS also recognize that marginal products still have some value and advocate payment schedules instead of requiring complete removal unless the pavement is so deficient that replacement or corrective action is warranted.

Individual pay factors for concrete strength, air content, slab thickness, and initial smoothness shall be determined using the pay factor tables. These curves and tables were developed using the PaveSpec 3.0 PRS software and account for the mean and standard deviation of the AQCs.

The department will use linear interpolation or extrapolation between the values shown in these tables, if needed.

E.2 PRS Testing

Payment under QMP Concrete Pavement, Item 415.3000.S, Incentive Strength Concrete Pavement, Item 415.2000.S is full compensation for all sampling, testing, and documentation required under this special provision.

E.3 Computation of Means and Standard Deviations

The determination of individual pay factors requires computing the mean and standard deviation of the concrete strength, air content, slab thickness, and initial smoothness for the as-constructed lot based on the field testing results. These statistics shall be calculated as follows:

$$\overline{X} = \frac{\sum_{i=1}^{n} X_{i}}{n}$$
 Eq. 2

Where:

- \overline{X} = Mean of *n* random samples of the AQC under consideration for the lot.
- X_i = Sample measurement (for strength, X_i is a mean of two replicates).
- n = Sample size per lot, n for each AQC is as follows: Strength: one sample per sublot (each is a mean of two cylinder measurements). Air content: one sample per sublot. Thickness: eight samples per sublot. Smoothness: four samples per sublot.

For example, for a lot with six sublots, n = 6 for strength and air content measurements, $n = 6 \times 8 = 48$ for thickness measurements, and $n = 6 \times 4 = 24$ for smoothness measurements.

The lot standard deviation is computed as follows:

$$s = \frac{\sqrt{\frac{\sum (X_i - \overline{X})^2}{(n-1)}}}{C_{SD}}$$
 Eq. 3

Where:

 C_{SD} = Correction factor (based on the total sample size, n) used to obtain unbiased estimates of the actual lot sample standard deviation. Appropriate C_{SD} values are determined as follows:

Number of Samples, n	Correction Factor, C _{SD}
2	0.7979
3	0.8862
4	0.9213
5	0.9399
6	0.9515
7	0.9594
8	0.9650
9	0.9693
10	0.9726
30	0.9915
50	0.9949

For n > 10, use linear interpolation to compute the correction factor.

If the quality of the as-constructed sublot (as measured by the acceptance test results) of *any* of the AQCs is below the corresponding RQL for concrete strength, air content, or thickness, or above the RQL for smoothness, the department will not pay PRS incentive or disincentive for the sublot with nonconforming material. The actual values will be used to calculate the mean and standard deviation for the lot. If the computed mean falls below the RQL for concrete strength, air content, or thickness, or above the RQL for smoothness, the RQL for smoothness, the RQL will be used in determining the composite pay factor. If the computed mean falls above the MQL for concrete strength, air content, or thickness, or below the MQL for smoothness, the MQL will be used in determining the composite pay factor.

E.4 Pay

E.4.1 General

Conforming square yards of concrete pavement will be assessed a pay factor on a lot-by-lot basis.

The department will compute the actual pay for the as-constructed lot using the lot composite pay factor as follows:

$$PAY_{Lot} = \{(BID \times PF_{composite}/100) - BID\} \times AREA_{Lot}$$
 Eq. 4

Where:

PAYLot	=	\$ (+ or -).
BID	=	Contractor bid price for concrete pay item.
AREA _{Lot}	=	Measured actual qualified area of the as-constructed lot, SY.
PF _{composite}	=	Composite pay factor (from Eq. 5 or Eq. 6), percent (e.g., 101
-		percent is expressed as 101.0).

E.4.2 Computation of Performance-Related Composite Pay Factor for 12 1/2-in Concrete Pavement Mainline Lot

The lot composite (overall) pay factor is the product of the individual AQC pay factors and is computed as follows:

$$PF_{composite} = (PF_{smoothness} \times PF_{air} \times PF_{strength} \times PF_{thickness})/1,000,000$$
 Eq. 5

Where:

 $\begin{array}{ll} PF_{composite} &= Composite \mbox{ (overall) pay factor, percent.} \\ PF_{strength} &= Strength \mbox{ pay factor (obtain from Figure 2), percent.} \\ PF_{air} &= Air \mbox{ content pay factor (obtain from Figure 3), percent.} \\ PF_{thickness} &= Slab \mbox{ thickness pay factor (obtain from Figure 4), percent.} \\ PF_{smoothness} &= Initial \mbox{ smoothness pay factor (obtain from Figure 5), percent.} \end{array}$

The curves shown in the figures are for visual purposes only. The department will compute actual pay factors using the values in the table and use linear interpolation if necessary.

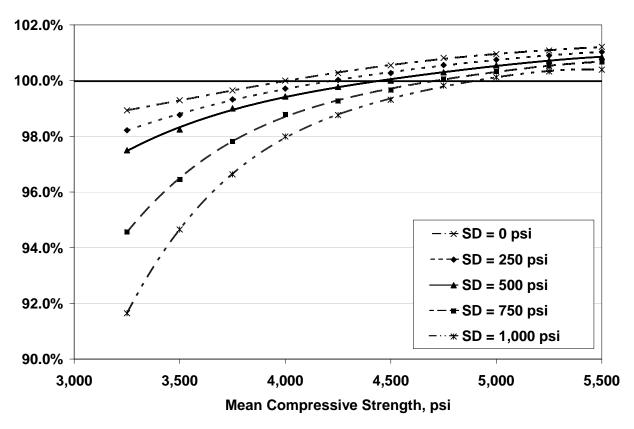


Figure 2

CONCRETE STRENGTH PAY FACTOR	CURVE

Mean		Stand	dard Deviation	n, psi	
Compressive Strength, psi	0	250	500*	750	1,000
3,250	98.93	98.22	97.50	94.57	91.65
3,500	99.29	98.77	98.25	96.45	94.66
3,750	99.65	99.33	99.00	97.82	96.63
4,000	100.00	99.71	99.43	98.78	97.99
4,250	100.27	100.02	99.78	99.27	98.76
4,500*	100.55	100.27	100.00	99.66	99.31
4,750	100.82	100.56	100.30	100.06	99.82
5,000	100.95	100.75	100.55	100.34	100.12
5,250	101.08	100.90	100.72	100.53	100.33
5,500	101.21	101.03	100.85	100.68	100.39

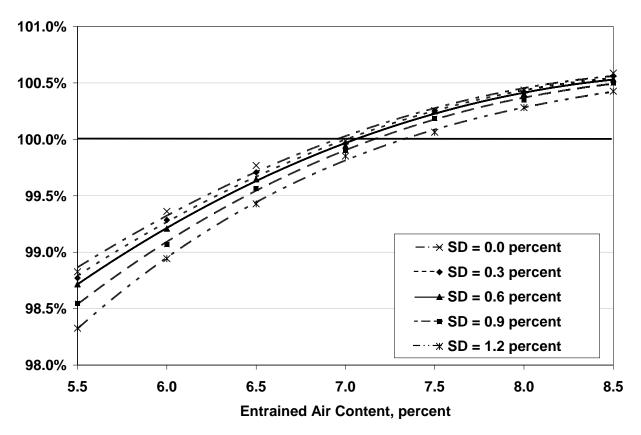


Figure 3

Mean Air		Star	ndard Deviation	on, %	
Content, %	0.0	0.3	0.6*	0.9	1.2
5.5	98.87	98.79	98.71	98.54	98.34
6.0	99.32	99.27	99.21	99.09	98.97
6.5	99.71	99.67	99.63	99.55	99.47
7.0*	100.06	100.03	100.00	99.93	99.87
7.5	100.28	100.25	100.23	100.18	100.12
8.0	100.45	100.44	100.41	100.37	100.33
8.5	100.56	100.54	100.53	100.49	100.48

CONCRETE AIR CONTENT PAY FACTOR CURVE

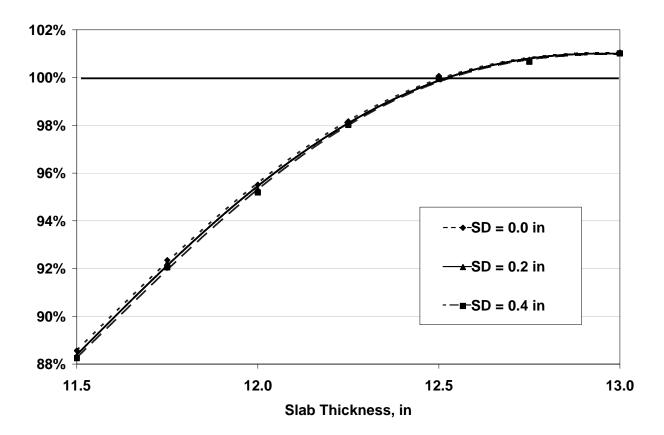


Figure 4

MAINLINE CONCRETE THICKNESS PAY FACTOR CURVE

Mean	Sta	undard Deviation,	in
Thickness, in	0.00	0.20*	0.40
11.50	88.56	88.36	88.25
11.75	92.35	92.23	92.05
12.00	95.51	95.33	95.19
12.25	98.16	98.09	98.02
12.50*	100.06	100.00	99.94
12.75	100.74	100.70	100.66
13.00	101.05	101.03	101.01

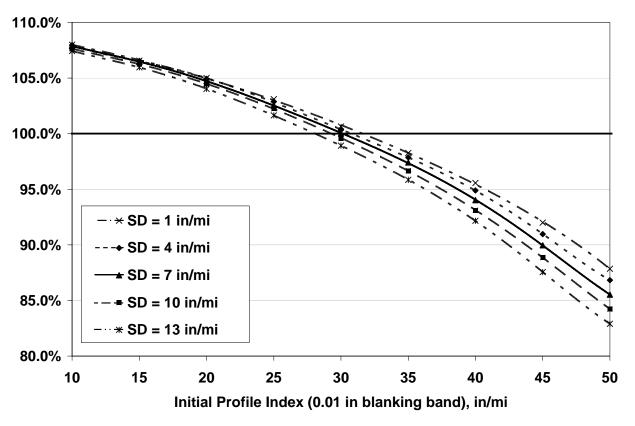


Figure 5

Mean PI,		Standa	rd Deviation,	in/mile	
in/mile	1	4	7*	10	13
10	107.99	107.95	107.87	107.63	107.42
15	106.56	106.53	106.47	106.25	105.96
20	105.00	104.93	104.71	104.47	104.02
25	103.10	102.89	102.55	102.24	101.64
30*	100.63	100.33	100.00	99.57	98.92
35	98.25	97.85	97.41	96.66	95.84
40	95.56	94.89	94.02	93.11	92.16
45	91.99	90.97	89.96	88.86	87.55
50	87.85	86.83	85.53	84.23	82.90

E.4.3 Computation of Performance-Related Composite Pay Factor for 8-in Concrete Pavement Shoulder Lot

The lot composite (overall) pay factor is the product of the individual AQC pay factors and is computed as follows:

$$PF_{composite} = (PF_{air} \times PF_{strength} \times PF_{thickness})/10,000$$
 Eq. 6

Where:

 $\begin{array}{ll} PF_{composite} &= Composite \mbox{ (overall) pay factor, percent.} \\ PF_{strength} &= Strength \mbox{ pay factor (obtain from Figure 2), percent.} \\ PF_{air} &= Air \mbox{ content pay factor (obtain from Figure 3), percent.} \\ PF_{thickness} &= Slab \mbox{ thickness pay factor (obtain from Figure 6), percent.} \end{array}$

The curves shown in the figures are for visual purposes only. The department will compute actual pay factors using the values in the table and use linear interpolation if necessary.

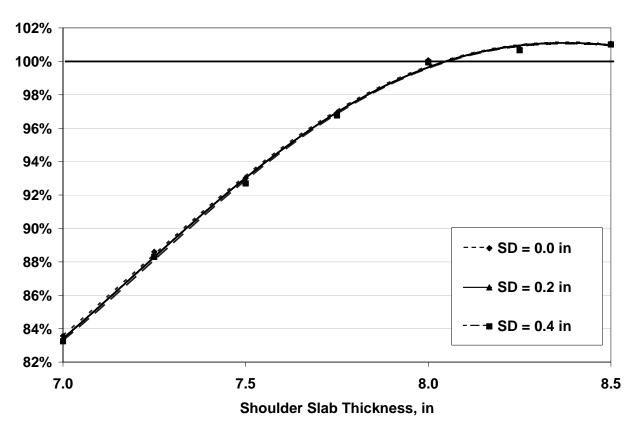


Figure 6

SHOULDER CONCRETE THICKNESS PAY FACTOR CURVE

Mean	Sta	ndard Deviation,	in
Thickness, in	0.00	0.20*	0.40
7.00	83.56	83.36	83.25
7.25	88.60	88.48	88.30
7.50	93.01	92.83	92.69
7.75	96.91	96.84	96.77
8.00*	100.06	100.00	99.94
8.25	100.74	100.70	100.66
8.50	101.05	101.03	101.01

APPENDIX C: SUMMARY OF ALL DATA IN COMPUTATIONAL SPREADSHEETS FORMAT

LOT INFORMATION											
Lot Number	WB1			Project No.			1011-01-88		1		
Bid Price, \$/sq yd	26.59		-	Begin Statio			591+54.0		<< Formul		
Lot Length, mi Lot Width, feet	0.7	<< Formula		End Station Number of I			628+50.0 2		<< Pormu	<u> </u>	
Lot lane-mi	1.40	<< Formula		Number of S			7				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date	(s)		April 5				
*Minimum Number of Sublots = 4, Maxim	num Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	less than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublet 11
Sublot Area, sq yds Formula >>	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	Subiot 8	Subiot 9	Subiot 10	Subiot 11
THICKNESS	9856.00										
THICKNESS Thickness - Probe 1, in	13.00	12.75	12.75	12.75	12.75	12.75	13.00				
Thickness - Probe 2, in	12.75	13.00	12.75	12.75	12.75	12.25	12.50				
Thickness - Probe 3, in	12.75	13.00	12.75	12.50	12.75	13.00	12.50				
Thickness - Probe 4, in Thickness - Probe 5, in	13.00	13.00 12.50	12.75 13.00	12.75 12.75	12.75 12.75	13.00 12.50	13.00 12.75				
Thickness - Probe 6, in	13.00	12.30	13.00	12.75	12.75	12.50	12.50				
Thickness - Probe 7, in	13.00	12.75	12.75	12.75	12.50	12.50	12.50				
Thickness - Probe 8, in Sublot Thickness, in Formula >>	12.75 12.91	12.75 12.81	12.75 12.81	12.75 12.72	12.75 12.72	12.50 12.63	12.50 12.66				
	12.31	12.01	12.01	12.72	12.72	12.05	12.00				
Resulting Samples per lot (n)		56		<< Formula			Lot AQL, in	12.5			
Lot Thickness Mean, in Lot Thickness Mean Acceptable?		12.750 Yes		< Formula	•		Lot RQL, in Lot MQL, in	11.5 13.0			
Notes on Lot Thickness Mean:	L at Thickney	s Mean is bet	ween BOL a				Lot mat, m	15.0			
	Lot Thicknes		ween Kol a								
Number of Non-Conforming Sublots:	L	0.9952		J							
Std. Dev. Correction Factor Lot Thickness Std. Dev., in		0.9952		<< Formula							
Thickness Pay Factor:		100.703%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublet 14
Strength - Cylinder 1, psi	5550	6160	4300	6290	5290	6530	5560	Subiot 0	Subiot 3		Subjot 11
Strength - Cylinder 2, psi	5840	6720	4120	6260	5220	6540	5700				
Sublot Strength, psi Formula >>	5695	6440	4210	6275	5255	6535	5630				
Resulting Samples per lot (n)		7		<< Formula			Lot AQL, psi	4,500	1		
Lot Strength Mean, in		5720.000		<< Formul	•		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?	L at Class with	Yes	and have MOI				Lot MQL, psi	5,500	l		
Notes on Lot Strength Mean:	Strength Me	Mean is great an	er than wiqt	- USE MQL 1	or Lot						
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		1							
Lot Strength Std. Dev., in		850.59162		<< Formula	•						
Strength Pay Factor:		100.563%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.5	Sublot 2 6.2	Sublot 3 6.5	Sublot 4 7.1	Sublot 5 7.3	Sublot 6 6.5	Sublot 7 6.5	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %		6.2		1	7.3	-	6.5		Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in				7.1	7.3 a	-	6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.5	6.2 7 6.657 Yes	6.5	7.1	7.3 a	-	6.5	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	6.5	6.2 7 6.657	6.5	7.1	7.3 a	-	6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.5	6.2 7 6.657 Yes	6.5	7.1	7.3 a	-	6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.2 7 6.657 Yes ent Mean is be 0 0.9594	6.5	7.1	7.3	-	6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.2 7 6.657 Yes ent Mean is be 0 0.9594 0.40751	6.5	7.1	7.3	-	6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean; In/mi Profile Index Mean; In/mi Lot Profile Index Mean; Acceptable? Notes on Lot Profile Index Mean; In/mi Lot Profile Index Mean; Acceptable? Notes on Lot Profile Index Mean; In/mi Lot Profile Index Mean; Acceptable? Notes on Lot Profile Index Mean; In/mi Lot Profile Index Mean; Acceptable? Notes on Lot Profile Index Mean; In/mi Lot Profile Index Mean; Acceptable? Notes on Lot Profile Index Mean; In/mi Lot Profile Index Mean; Acceptable? Notes on Lot Profile Index Mean; In/mi Lot Profile Index Mean; Acceptable? Notes on Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/m	6.5	6.2 7 6.657 Yes net Mean is be 0 0.9594 0.40751 99.770% Subiot 2 18.4 16 18.4 16 18.4 16 18.4 16 18.4 16 20.400 Yes 20.400 Yes 0.98962 104.783%	6.5 tween RQL 20.6 22.2 18.6 22.2 19.4 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.5 20	7.1 <	7.3 Sublot 5 25.4 18.9 18.9 24.5 21.8 a a	6.5 Sublot 6 23.8 16.4 13.7 18.8 18.2 18.2	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 26.6 19.6 18.6 24.7 22.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, ic Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean; In/mi Sublot Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Kot Considered for PRS, sq yds Area Not Consid	6.5	6.2 7 6.657 Yes est Mean is be 0 0.9594 0.40751 99.770% Sublot 2 18.4 16.4 18.4 16.4 18.4 16.4 18.4 21 18.4 28 20.400 Yes dean is be 0 0.9396 3.40962 104.783% Yes Sublot 2 1408.00 9856.00 100.70%	6.5 stween RQL 20.6 22.2 18.6 19.4 20.2 20.2 between RQL Sublot 3	7.1	7.3 Sublot 5 25.4 18.9 18.9 24.5 24.5 21.8 Sublot 5	6.5 Sublot 6 23.8 16.4 13.7 18.8 18.2 18.2 18.2 Ma Ma Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 26.6 19.6 18.6 24.7 22.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Notes Acceptable? Notes Acceptable? Profile Index Acceptable? Notes on Lot Profile Index Mean Acceptable? Notes Acceptable? Result Bay Factors Determined? Respected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.5	6.2 7 6.657 Yes ent Mean is be 0 0.3594 0.40751 99.770% Subiot 2 18.4 16. 18.4 16. 18.4 16. 18.4 21 18.5 28 20.400 Yes 3.40962 104.783% Yes Subiot 2 1408.00 9955.00 100.56%	6.5 stween RQL 20.6 22.2 18.6 19.4 20.2 20.2 between RQL Sublot 3	7.1	7.3 Sublot 5 25.4 18.9 18.9 24.5 24.5 21.8 Sublot 5	6.5 Sublot 6 23.8 16.4 13.7 18.8 18.2 18.2 18.2 Ma Ma Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 26.6 19.6 18.6 24.7 22.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, ic Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean; In/mi Sublot Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Kot Considered for PRS, sq yds Area Not Consid	6.5	6.2 7 6.657 Yes est Mean is be 0 0.9594 0.40751 99.770% Sublot 2 18.4 16.4 18.4 16.4 18.4 16.4 18.4 21 18.4 28 20.400 Yes dean is be 0 0.9396 3.40962 104.783% Yes Sublot 2 1408.00 9856.00 100.70%	6.5 stween RQL 20.6 22.2 18.6 19.4 20.2 20.2 between RQL Sublot 3	7.1	7.3 Sublot 5 25.4 18.9 18.9 24.5 24.5 21.8 Sublot 5	6.5 Sublot 6 23.8 16.4 13.7 18.8 18.2 18.2 18.2 Ma Ma Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 26.6 19.6 18.6 24.7 22.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Sub. Dev., in/mi Profile Index Sub. Dev., in/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds PF Strength PF Air Content PF Strength PF Air Content PF Strength PF Arc Ontent PF Streng	6.5	6.2 7 6.657 Yes ntt Mean is be 0 0.9594 0.40751 99.770% Subiot 2 18.4 16 18.4 16 18.4 21 18.5 20.4000 Yes 0 0.9896 0 0.9896 0 0.9896 104.783% Yes Subiot 2 1408.00 9855.00 100.56% 104.78%	6.5 studiet 3 20.6 22.2 19.4 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.5 20.2 20.5 20.2 20.5 20.2 20.5 20.2 20.5 20.2 20.5 20.2 20.5 20.2 20.5 20	7.1	7.3 Sublot 5 25.4 18.9 18.9 24.5 24.5 21.8 Sublot 5	6.5 Sublot 6 23.8 16.4 13.7 18.8 18.2 18.2 18.2 Ma Ma Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 26.6 19.6 18.6 24.7 22.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Prof	6.5	6.2 7 6.657 Yes net Mean is be 0 0.9594 0.40751 99.770% Subiot 2 18.4 16 18.4 16 18.4 16 18.4 16 18.4 16 20.400 Yes 20.400 Yes 10.9896 3.40952 10.4783% Yes Subiot 2 1408.00 99.77% 105.87% 262.071.04	6.5 stween RQL 20.6 22.2 18.6 22.2 19.4 20.2 2	7.1	7.3 Sublot 5 25.4 18.9 18.9 24.5 24.5 21.8 Sublot 5	6.5 Sublot 6 23.8 16.4 13.7 18.8 18.2 18.2 18.2 Ma Ma Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 26.6 19.6 18.6 24.7 22.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean.: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xed. Dev., in/mi Profile Index Yad. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Trickness PF Strength PF Air Content PF Strength PF Air Content PF Smoothness PF Composite	6.5	6.2 7 6.657 Yes ntt Mean is be 0 0.9594 0.40751 99.770% Subiot 2 18.4 16 18.4 16 18.4 21 18.5 20.4000 Yes 0 0.9896 0 0.9896 0 0.9896 104.783% Yes Subiot 2 1408.00 9855.00 100.56% 104.78%	6.5 stween RQL 20.6 22.2 18.6 22.2 19.4 20.2 2	7.1	7.3 Sublot 5 25.4 18.9 18.9 24.5 24.5 21.8 Sublot 5	6.5 Sublot 6 23.8 16.4 13.7 18.8 18.2 18.2 18.2 Ma Ma Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 26.6 19.6 18.6 24.7 22.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	WB2]		Project No.			1011-01-88		1		
Bid Price, \$/sq yd	26.59			Begin Statio			554+65.0			-	
Lot Length, mi	0.7	<< Formula		End Station			591+54.0		<< Formul	a	
Lot Width, feet Lot lane-mi	24	<< Formula		Number of S			2				
Resulting Lot Area, sq yds	9856.00	<< Formula	-	Paving Date			April 3, 4, 5				
		• •				•			•		
*Minimum Number of Sublots = 4, Maxim	num Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	less than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
THICKNESS	9050.00										
THICKNESS	40.00	40.05	40.75	40.50	40.75	40.00	40.75				
Thickness - Probe 1, in Thickness - Probe 2, in	13.00	13.25 13.25	12.75 12.75	12.50 12.50	12.75 12.75	13.00 12.50	12.75 12.50				
Thickness - Probe 3, in	12.75	13.25	12.75	12.50	12.75	12.50	12.50				
Thickness - Probe 4, in	13.00	13.25	12.75	12.50	12.75	12.50	12.75				
Thickness - Probe 5, in	12.75	12.75	12.50	12.75	12.50	12.50	12.50				
Thickness - Probe 6, in	12.75	12.50	12.75	12.75	12.50	12.50	12.50				
Thickness - Probe 7, in Thickness - Probe 8, in	12.75	12.50 13.00	12.50 12.75	12.75 12.75	12.25 12.50	12.25 12.50	12.50 12.50				
Sublot Thickness, in Formula >>	12.81	12.97	12.69	12.63	12.59	12.53	12.56				
Resulting Samples per lot (n)		56		<< Formul			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.683		<	•		Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?	L	Yes		1			Lot MQL, in	13.0	1		
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9952									
Lot Thickness Std. Dev., in	L	0.23219		<< Formula							
Thickness Pay Factor:		100.505%									
	_	_									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5990	4840	6340	6630	5280	5070	5700				
Strength - Cylinder 2, psi	6150	4760	6790	6590	5470	5480	6040				
Sublot Strength, psi Formula >>>	6070	4800	6565	6610	5375	5275	5870			I	I
Resulting Samples per lot (n)		7		<< Formul			Lot AQL, psi	4,500	1		
Lot Strength Mean, in		5795.000		<< Formul	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes		J			Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength Strength Me	Mean is great	ter than MQL	- Use MQL	or Lot						
	Strength we			1							
Number of Non-Conforming Sublots:		0		J							
Std. Dev. Correction Factor		0.9594 708.87850		<< Formula							
Lot Strength Std. Dev., in	L				<u> </u>						
Strength Pay Factor:		100.708%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.4	Sublot 2 6.7	Sublot 3 6.3	Sublot 4 6.3	Sublot 5 7.5	Sublot 6 7.1	Sublot 7 5.8	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %		6.7		6.3	7.5		5.8		Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)		6.7 7			7.5 a		5.8 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %		6.7		6.3	7.5 a		5.8		Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	6.4	6.7 7 6.586	6.3	6.3	7.5 a		5.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.4	6.7 7 6.586 Yes ent Mean is be	6.3	6.3	7.5 a		5.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.4	6.7 7 6.586 Yes ent Mean is be	6.3	6.3	7.5 a		5.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594	6.3	6.3	7.5		5.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594 0.59094	6.3	6.3	7.5		5.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594	6.3	6.3	7.5		5.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594 0.59094	6.3	6.3	7.5		5.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594 0.59094	6.3	6.3	7.5		5.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594 0.59094 99.695%	6.3 etween RQL	6.3 <pre> <pre> <pre> <pre> </pre> </pre> </pre> </pre> and MQL <pre> <pre> <pre> </pre> </pre> </pre>	7.5	7.1	5.8 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594 0.5994 99.695% Sublot 2 36.4 30.8	6.3 stween RQL Sublot 3 28 27.2	6.3 <pre></pre>	7.5 Sublot 5 33.7 31.2	7.1 Sublot 6 30.7 26.6	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 35.8 29.9	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, cceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.4	6.7 7 6.586 Yes ant Mean is be 0 0.9594 0.5994 99.695% Sublet 2 36.4 30.8 38.2	6.3 stween RQL Sublot 3 28 27.2 22.9	6.3 <pre> </pre> <pre> 6.3 </pre> <pre> 6.4 </pre> <pre> 6.5 </pre> <pre> 6.6 </pre> <pre> 6.7 </pre> <pre> 6.8 </pre> <pre> 6.9 </pre> <pre></pre>	7.5 Sublot 5 33.7 31.2 28.6	7.1 Sublot 6 30.7 26.6 23.4	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 35.8 29.9 21.9	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594 99.695% Sublot 2 36.4 30.8 38.2	6.3 stween RQL 28 27.2 22.9 31.1	6.3	7.5 Sublot 5 33.7 31.2 29.1	7.1 Sublot 6 30.7 26.6 23.4 21	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 35.8 29.9 21.9 23.4	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi	6.4	6.7 7 6.586 Yes ant Mean is be 0 0.9594 0.5994 99.695% Sublet 2 36.4 30.8 38.2	6.3 stween RQL Sublot 3 28 27.2 22.9	6.3 <pre> </pre> <pre> 6.3 </pre> <pre> 6.4 </pre> <pre> 6.5 </pre> <pre> 6.6 </pre> <pre> 6.7 </pre> <pre> 6.8 </pre> <pre> 6.9 </pre> <pre></pre>	7.5 Sublot 5 33.7 31.2 28.6	7.1 Sublot 6 30.7 26.6 23.4	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 35.8 29.9 21.9	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.4	6.7 7 6.586 Yes ent Mean is be 0 0.9594 99.695% Sublot 2 36.4 30.8 38.2	6.3 stween RQL 28 27.2 22.9 31.1	6.3	7.5 Sublot 5 3.7 3.1.2 28.6 29.1 30.7	7.1 Sublot 6 30.7 26.6 23.4 21	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 35.8 29.9 21.9 23.4	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, cceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index	6.4	6.7 7 6.586 Yes ont Mean is be 0 0.9594 0.5994 99.695% Sublet 2 36.4 30.8 38.2 36.2 36.2 35.4 28,704	6.3 stween RQL 28 27.2 22.9 31.1	6.3 ex Formul and MQL Sublot 4 31.4 29.3 27.6 28.2 29.1	7.5 Sublet 5 33.7 31.2 28.6 29.1 30.7	7.1 Sublot 6 30.7 26.6 23.4 21	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 35.8 29.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 5.0			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Sublot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined?	6.4 Lot Air Conte 9 25.9 23.4 23.2 28.6 25.3	6.7 7 6.586 Yes 0 0.9594 0.5994 0.5904 99.695% 36.4 30.8 36.2 36.4 30.8 36.2 35.4 28 28.704 Yes 0.9966 0.996 0.996 0.996 0.996 0.996 0.996 0.996 0.996 0.996 0.996	6.3 stween RQL 27.2 31.1 27.3	6.3 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 31.4 29.3 27.6 28.2 29.1 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c formul<br=""><c< td=""><td>7.5 Sublet 5 33.7 31.2 28.6 29.1 30.7</td><td>7.1 Sublot 6 30.7 26.6 23.4 21 25.4</td><td>5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublet 7 35.8 29.9 21.9 23.4 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td></td><td></td><td>Sublot 11</td></c<></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	7.5 Sublet 5 33.7 31.2 28.6 29.1 30.7	7.1 Sublot 6 30.7 26.6 23.4 21 25.4	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublet 7 35.8 29.9 21.9 23.4 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Cot Profile Index Mean in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected?	6.4 Lot Air Conte 9 23.4 23.4 23.4 23.6 28.6 25.3 Lot Profile In	6.7 7 6.586 7 Yes ont Mean is be 0 0.9594 0.5994 0.5994 99.695% Subiot 2 36.4 36.2 36.2 36.2 35.4 28.7 4 28.7 4 28.7 4 5.7 9 0.0396 0 0.03986 Yes Yes	6.3 stween RQL Sublot 3 28 27.2 22.9 31.1 27.3 setween RQL	6.3 Sublot 4 31.4 29.3 29.1 Control of the second seco	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.7	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 35.8 29.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Bid. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor:	6.4 Lot Air Conte 25.9 23.4 23.2 28.6 25.3 Lot Profile Ir Sublot 1	6.7 7 6.586 Yes 0 0.9594 0.5994 0.5904 99.695% 36.4 30.8 36.2 36.4 30.8 36.2 35.4 28 28.704 Yes 100.918% Yes Sublot 2	6.3 stween RQL Sublot 3 28 27.2 22.9 31.1 27.3 setween RQL Sublot 3	6.3 Sublot 4 Sublot 4 31.4 29.1	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi Sublot 6	5.8 Lot AQL, % Lot RQL, % Lot MQL, % 20.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Cot Profile Index Mean in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected?	6.4 Lot Air Conte 9 23.4 23.4 23.4 23.6 28.6 25.3 Lot Profile In	6.7 7 6.586 7 Yes ont Mean is be 0 0.9594 0.5994 0.5994 99.695% Subiot 2 36.4 36.2 36.2 36.2 35.4 28.7 4 28.7 4 28.7 4 5.7 9 0.0396 0 0.03986 Yes Yes	6.3 stween RQL Sublot 3 28 27.2 22.9 31.1 27.3 setween RQL	6.3 Sublot 4 31.4 29.3 29.2 29.1 <	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.7	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi	5.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 35.8 29.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor: Ict Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Kot Considered for PRS, sq yds Area Not Considered for PRS, sq yds Area Not Considered for PRS, sq yds Total Area Pf Thickness	6.4 Lot Air Conte 25.9 23.4 23.2 28.6 25.3 Lot Profile Ir Sublot 1	6.7 7 6.586 Yes ont Mean is be 0 0.9594 0.99695% Sublot 2 36.4 36.4 36.4 36.2 36.2 36.2 36.2 36.2 36.2 36.2 36.2	6.3 stween RQL Sublot 3 28 27.2 22.9 31.1 27.3 setween RQL Sublot 3	6.3 Sublot 4 Sublot 4 31.4 29.1	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi Sublot 6	5.8 Lot AQL, % Lot RQL, % Lot MQL, % 20.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Correction Factor Resulting Samples per lot (n) Lot Profile Index Mean: n/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Onsidered for PRS, sq yds Total Area PF Thickness PF Strength	6.4 Lot Air Conte 25.9 23.4 23.2 28.6 25.3 Lot Profile Ir Sublot 1	6.7 7 6.586 Yes ont Mean is be 0 0.9594 0.5994 0.5994 99.695% Sublot 2 36.4 30.8 38.2 36.2 35.4 Yes 28.704 Yes Sublot 2 0 0 0 0 9.695% Yes Sublot 2 10.51% 100.51% 100.71%	6.3 stween RQL Sublot 3 28 27.2 22.9 31.1 27.3 setween RQL Sublot 3	6.3 Sublot 4 Sublot 4 31.4 29.1	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi Sublot 6	5.8 Lot AQL, % Lot RQL, % Lot MQL, % 20.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Bid. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Profile Index Mean; in/mi Profile Index Std. Dev., in/mi Profile Index Index Std. Dev., in/mi Profile Index Index Index Std. Dev., in/mi Profile Index I	6.4 Lot Air Conte 25.9 23.4 23.2 28.6 25.3 Lot Profile Ir Sublot 1	6.7 7 6.586 Yes ont Mean is be 0 0.9594 0.5994 0.5994 99.695% Subiot 2 36.4 30.8 38.2 36.2 35.4 28 28 28 28 28 28 28 28 28 28	6.3 stween RQL Sublot 3 28 27.2 22.9 31.1 27.3 setween RQL Sublot 3	6.3 Sublot 4 Sublot 4 31.4 29.1	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi Sublot 6	5.8 Lot AQL, % Lot RQL, % Lot MQL, % 20.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., Std. Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., Std. Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., Std. Dev., Correction Factor Lot Profile Index Std. Dev., Std. Dev., Correction Factor Lot Profile Index Std. Dev., Std. Dev., Correction Factor Lot Profile Index Std. Dev., Std. Dev., Correction Factor Lot Profile Index Std. Dev., Std. Dev., Correction Factor Lot Profile Index Std. Dev., Std. Dev., Correction Factor Lot Profile Index Std. Dev.,	6.4 Lot Air Conte 25.9 23.4 23.2 28.6 25.3 Lot Profile Ir Sublot 1	6.7 7 6.586 Yes ant Mean is be 0 0.9594 0.5994 99.695% Sublot 2 36.4 36.4 36.2 36.2 36.2 36.2 36.2 36.2 36.2 36.4 36.2 36.2 36.2 36.4 4.68763 100.918% Yes Sublot 2 1408.00 99556.00 1405.11% 190.51%	6.3 stween RQL Sublot 3 28 27.2 22.9 31.1 27.3 setween RQL Sublot 3	6.3 Sublot 4 Sublot 4 31.4 29.1	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi Sublot 6	5.8 Lot AQL, % Lot RQL, % Lot MQL, % 20.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index Mean, in/mi Lot Profile Index Mean. Runma Lot Profile Index Mean: Runma In/mi Lot Profile Index Sub. Dev., Runmi Profile Index Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds PF Strength PF Air Content PF Strength PF Arc Ontent PF Strength	6.4 Lot Air Contr 25.9 23.4 23.2 28.6 25.3 Lot Profile Ir	6.7 7 6.586 Yes 91 Mean is be 0 0.9594 0.5994 0.5994 99.695% Subiot 2 36.4 30.8 38.2 36.2 36.2 36.2 36.2 36.2 36.2 36.4 Yes 28.704 Yes 28.704 Yes Subiot 2 1408.00 99.695% 1408.00 1408.00 99.695% 1408.00 1	6.3 stween RQL s	6.3 Sublot 4 Sublot 4 31.4 29.1	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi Sublot 6	5.8 Lot AQL, % Lot RQL, % Lot MQL, % 20.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/m	6.4 Lot Air Conte 25.9 23.4 23.2 28.6 25.3 Lot Profile In Sublot 1 1408.00 \$	6.7 7 6.586 Yes ant Mean is be 0 0.9594 0.5994 99.695% Sublot 2 36.4 36.4 36.2 36.2 36.2 36.2 36.2 36.2 36.2 36.4 36.2 36.2 36.2 36.4 4.68763 100.918% Yes Sublot 2 1408.00 99556.00 1405.11% 190.51%	6.3 stween RQL s	6.3 Sublot 4 Sublot 4 31.4 29.1	7.5 Sublot 5 33.7 31.2 28.6 29.1 30.7 30.	7.1 Sublot 6 30.7 26.6 23.4 21 25.4 Ma Mi Sublot 6	5.8 Lot AQL, % Lot RQL, % Lot MQL, % 20.9 21.9 23.4 27.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION Lot Number WB3 Project No. 1011-01-										
	-88	1								
Bid Price, \$/sq yd 26.59 Begin Station 517+69.	.0									
Lot Length, mi 0.7 <	.0	<< Formula	•							
Lot Width, feet 24 < Formula Number of Lanes 2 Lot lane-mi 1.40 < Formula Number of Subjots* 7										
Lot lane-mi 1.40 ccc Formula Number of Sublots* 7 Resulting Lot Area, sq yds 9856.00 <cc>Formula Paving Date(s) April 4, 1</cc>	10									
		4								
'Minimum Number of Sublots = 4, Maximum Number of Sublots = 8, except in special cases (e.g. last day paving or when possible	ility of lot having	less than 4 s	ublots)							
Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot	7 Sublot 8	Sublot 9	Sublot 10	Sublot 11						
Sublot Area, sq yds Formula >> 1408.00 1408.00 1408.00 1408.00 1408.00 1408.00 1408.00 1408.00	0									
9856.00										
THICKNESS										
Thickness - Probe 1, in 13.00 12.75 12.75 12.50 12.50 12.50 12.50 12.75 Thickness - Probe 2, in 12.75 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.75										
Thickness - Probe 2, in 12.75 12.50 12.75 12.50 12.50 12.50 12.50 12.50 12.50 12.75 Thickness - Probe 3, in 12.75 12.75 12.75 12.50 12.75 12.50 12.75 12.50 12.75										
Thickness - Probe 4, in 13.00 12.75 12.75 12.50 12.75 13.00 12.75										
Thickness - Probe 5, in 12.50 12.50 12.50 12.50 12.50 12.50 12.50										
Thickness - Probe 6, in 13.00 12.50 12.50 12.75 12.50 12.50										
Thickness - Probe 7, in 13.00 12.50 12.75 12.50 12.50 13.00 Thickness - Brobe 8 in 12.50 12.50 12.50 12.50 12.50 13.00										
Thickness - Probe 8, in 12.50 12.50 12.75 12.50 12.75 13.00 Sublot Thickness, in Formula>> 12.81 12.59 12.69 12.50 12.59										
Resulting Samples per lot (n) 56 Control Contr	L, in 12.5									
Lot Thickness Mean, in 12.647 Kernula Lot RQ										
Lot Thickness Mean Acceptable? Yes Lot MQ	L, in 13.0	J								
Notes on Lot Thickness Mean: Lot Thickness Mean is between RQL and MQL										
Number of Non-Conforming Sublots: 0										
Std. Dev. Correction Factor 0.9952										
Lot Thickness Std. Dev., in 0.17781										
Thickness Pay Factor: 100.418%										
STRENGTH Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot	7 Sublot 8	Sublot 9	Sublot 10	Sublot 11						
Strength - Cylinder 1, psi 4410 6260 5010 4890 5000 5740 5730		Gubior o	oublet it	oublot II						
Strength - Cylinder 2, psi 3970 5810 5150 4960 5170 5930 5950										
Sublot Strength, psi Formula >> 4190 6035 5080 4925 5085 5835 5840										
Resulting Samples per lot (n) 7 «Formula		1								
Resulting Samples per lot (n) 7 Constraint Lot AQL Lot Strength Mean, in 5284.286 Constraint Lot RQL										
Lot Strength Mean Acceptable? Yes Lot MQL										
Notes on Lot Strength Mean is between RQL and MQL		•								
Number of Non-Conforming Sublots: 0										
Std. Dev. Correction Factor 0.9594										
Lot Strength Std. Dev., in 683.97984 << Formula										
Strength Pay Factor: 100.600%										
AIR CONTENT	7 Sublot 8	Sublot 9	Sublot 10	Sublot 11						
AIR CONTENT Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot 6 Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0	7 Sublot 8	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0		Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 Certor All Lot AQ Lot AQ	RL, % 7.0	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 Lot AQ Lot Air Content Mean, in 6.771 Commuta Lot AQ	RL, % 7.0 RL, % 5.5	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 Content Mean, in 6.771 Content Mean, in Content Mean, in Content Mean Acceptable? Content Mean	RL, % 7.0 RL, % 5.5	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 Content Mean, in Co	RL, % 7.0 RL, % 5.5	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 Content Mean, in Co	RL, % 7.0 RL, % 5.5	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 C <td>RL, % 7.0 RL, % 5.5</td> <td>Sublot 9</td> <td>Sublot 10</td> <td>Sublot 11</td>	RL, % 7.0 RL, % 5.5	Sublot 9	Sublot 10	Sublot 11						
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Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 C C Formula Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Lot Air Content Mean Lot Air Content Mean Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594	RL, % 7.0 RL, % 5.5	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 Lot Air Content Mean, in Lot Air Content Mean Acceptable? Lot Air Content Mean is between RQL and MQL Lot Air Content Mean is between RQL and MQL Lot Air Content Mean Sublots: 0 Lot Air Content Mean Sublots: 0 Lot Air Content Mean Sublots: <	RL, % 7.0 RL, % 5.5	Sublot 9	Sublot 10	Sublot 11						
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Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 Lot Air Content Mean, in Lot Air Content Mean Acceptable? Lot Air Content Mean is between RQL and MQL Lot Air Content Mean is between RQL and MQL Lot Air Content Mean Sublots: 0 Lot Air Content Mean Sublots: 0 Lot Air Content Mean Sublots: <	الر % 7.0 الر % 5.5 الر % 8.5	Sublot 9	Sublot 10 Sublot 10							
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7	الر % 7.0 الر % 5.5 الر % 8.5									
6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 Content Mean, in Content Mean, in Content Mean, in Content Mean is between RQL and MQL Notes on Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 0 Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 0.42431 < <th colspan="2">Content Mean, is between RQL and MQL Number of Non-Conforming Sublots: 0 0.42431 <<th colspan="2"> Content Mean, is between RQL and MQL Number of Non-Conforming Sublots: 0 0.42431 <<th colspan="2"> Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspa</th></th></th>	Content Mean, is between RQL and MQL Number of Non-Conforming Sublots: 0 0.42431 < <th colspan="2"> Content Mean, is between RQL and MQL Number of Non-Conforming Sublots: 0 0.42431 <<th colspan="2"> Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspa</th></th>		Content Mean, is between RQL and MQL Number of Non-Conforming Sublots: 0 0.42431 < <th colspan="2"> Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspa</th>		Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspa		الر % 7.0 الر % 5.5 الر % 8.5			
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Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 c c formula Lot Air Content Mean, in Lot Air Content Mean Acceptable? Lot Air Content Mean is between RQL and MQL Lot Air Content Mean: Lot Air Content	IL, % 7.0 IL, % 7.0 IL, % 8.5 IL, % 8.5 IL, % 8.5 Image: State of the state of th									
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Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 6.7 7.0 6.7 7.0 Lot Air Content Mean, in 6.771 6.771 6.7 7.0 Control Lot Air Content Mean, Air Content Mean: Lot Air Conten	IL, % 7.0 IL, % 7.0 IL, % 8.5 IL, % 8.5 IL, % 8.5 Image: State of the state of th									
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 c c c formata Lot Air Content Mean, in Lot Air Content Mean is between RQL and MQL Lot Air Content Mean: Mit Content Mean: Mit Content Mean: Mit Content Mean: Lot Air Content Mean: Mit Content Mean:	IL, % 7.0 IL, % 7.0 IL, % 8.5 IL, % 8.5 IL, % 8.5 Image: State of the state of th									
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 6.7 10	IL, % 7.0 IL, % 7.0 IL, % 8.5 IL, % 8.5 IL, % 8.5 Image: State of the state of th									
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Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 6.7 7.0 6.7 7.0 Lot Air Content Mean, in 6.771 6.7 1.0 Lot Air Content Mean, in Lot Air Content Mean Acceptable? Lot Air Content Mean Acceptable? Lot Air Content Mean Sublots: 0 Number of Non-Conforming Sublots: 0 0 0 0.9594 0.042431 < <td>formula Lot Air Content Mean Acceptable? 0.9594 0.042431 formula 0.0101</td> <td>IL, % 7.0 IL, % 5.5 IL, % 8.5 7 Sublot 8 1 1 1 1 1 10.0 1 10.0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1</td> <td></td> <td></td> <td></td>	formula Lot Air Content Mean Acceptable? 0.9594 0.042431 formula 0.0101	IL, % 7.0 IL, % 5.5 IL, % 8.5 7 Sublot 8 1 1 1 1 1 10.0 1 10.0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1								
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Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean. in Lot Air Content Mean: in 106. 19 Sublot 4 Sublot 5 Sublot 6 Sublot 6 Smoothness Profile Index - Run 2, in/mi Profile Index Mean, in/mi Lot Profile Index Mean.	iL, % 7.0 iL, % 5.5 iL, % 8.5 7 Sublot 8 in/mi 30.0 in/mi 50.0 in/mi 10.0	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 c C <td>IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8</td> <td>Sublot 9</td> <td>Sublot 10</td> <td>Sublot 11</td>	IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean. in Lot Air Content Mean: in 106. 19 Sublot 4 Sublot 5 Sublot 6 Sublot 6 Smoothness Profile Index - Run 2, in/mi Profile Index Mean, in/mi Lot Profile Index Mean.	IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean: in 106. 19 Sublot 4 Sublot 5 Sublot 6 Sublot 7 Smoothness Profile Index - Run 3, in/mi Profile Index - Run 3, in/mi Profile Index - Run 3, in/mi 21.4 Sublot 1 Sublot 2 Sublot 4 Sublot 5 Sublot 6 Sublot 1 Lot Profile Index - Run 4, in/mi 22.5 21.3 17.5 18.5 23.3 30.0 19.5 Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Std. Dev, in/mi Profile Index Std. Dev, in/mi Profile Index Std. Dev, in/mi Air Pay Factors Sublot 1 Sublot 2 Sublot 4 </td <td>IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8</td> <td>Sublot 9</td> <td>Sublot 10</td> <td>Sublot 11</td>	IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 6.771 c c Formula Lot Air Content Mean, in Lot Air Content Mean Acceptable? Yes Lot Air Content Mean: Mire Content Mean: Lot Air Content Mean: Lot Air Content Mean: Mire Content Mean: Mire Content Mean: Lot Air Content Mean: Mire Air Content Mean: Mire Air Content Mean	IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8	Sublot 9	Sublot 10	Subiot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) 7 c 6.771 c Formula Lot Air Content Mean, in Lot Air Content Mean Acceptable? Yes Lot Air Content Mean: Subict 1 Subict 2 Subict 1 Subict 2 Subict 3 Subict 4 Subict 5 Subict 7 23.4 21.6 13.6 21.1 23.8 23.6 7 16.5 25.7 33.1 24.2 21.7 29.2 20.0 20.5 11.6 13.6 21.7 29.2 20.0 20.7 19.5	IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8	Sublot 9	Sublot 10	Subiot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean. in Lot Air Content Mean: in Lot Air Content Pay Factor: 99.851% 0 Smoothness Profile Index - Run 2, in/mi Profile Index - Run 3, in/mi Profile Index - Run 3, in/mi Lot Profile Index - Run 3, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean: in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean. Acceptable? Area Considered for PRS, sq yds Area Co	IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean. in Lot Air Content Mean: in Diffie Index - Run 2, in/mi Profile Index - Run 3, in/mi 19.6 Sublot 2 Sublot 1 Sublot 1 Sublot 1 21.4 Sublot 2 Sublot 1 Sublot 2 21.4 Sublot 2 Sublot 1 Sublot 2 21.4 Sublot 3 Sublot 4 Sublot 5 Sublot 1 Sublot 7 Sublot Profile Index, Run 3, in/mi 19.6 Lot Air 21.4 Lot Air 21.4 Lot Air 21.4 Lot Air 21.4 Lot Air 21.5 Lot Air 21.6 Lot Air 22.5 Lot Air 21.7 Lot Air 23.3 Lot Air 30.0 Lot Air 30.0 Profile Index Run3, in/mi Lot Profile Index Mean: in/mi Lot Profile Index Mean: in/mi Lot Profile Index Mean: in/mi Lot Profile Index Mean: in/mi Lot Profile Index Mean Air/mi Lot Profile Index Mean Air/mi Profile Index Sublot 1 Sublot 2 Sublot 1 Sublot 2	IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8	Sublot 9	Sublot 10	Sublot 11						
Sublot Air Content, % 6.5 6.1 6.8 6.9 7.4 6.7 7.0 Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean. in Lot Air Content Mean: in 25.6 Sublot 2 Sublot 1 Sublot 2 Sublot 2 Sublot 1 Sublot 1 Sublot 1 Sublot 1 Sublot 1 Sublot 1 Sublot 1 Sublot 1	IL, % 7.0 IL, % 5.5 IL, % 5.5 IL, % 8.5 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 30.0 Infmi 10.0 Osite 80% 7 Sublot 8 IL Sublot 8	Sublot 9	Sublot 10	Sublot 11						

LOT INFORMATION											
Lot Number	WB4	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio			479+99.0				
Lot Length, mi	0.7	<< Formula	_	End Station			517+69.0		<< Formul	a	
Lot Width, feet Lot lane-mi	24	<< Formula	-	Number of			2				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date			April 10, 11				
						•					
*Minimum Number of Sublots = 4, Maxim	um Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	ess than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
THICKNESS											
Thickness - Probe 1, in	12.75	12.75	13.00	12.75	12.50	12.75	12.25				
Thickness - Probe 2, in	12.75	12.50	12.75	12.75	12.50	12.50	12.25				
Thickness - Probe 3, in	12.75	12.50	12.75	12.50	12.50	12.50	12.50				
Thickness - Probe 4, in	12.75	12.75	13.00	12.50	13.00	12.50	12.50				
Thickness - Probe 5, in Thickness - Probe 6, in	12.50 12.50	13.00 13.00	12.75 12.75	12.75 12.50	12.75 12.75	12.50 12.75	12.25 12.25				
Thickness - Probe 7, in	12.50	12.50	12.75	13.00	12.50	12.75	12.75				
Thickness - Probe 8, in	12.50	13.00	12.75	13.00	13.00	12.50	12.75				
Sublot Thickness, in Formula >>	12.63	12.75	12.81	12.72	12.69	12.59	12.44				
Resulting Samples per lot (n)		56		<< Formut			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.661		<< Formul			Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?		Yes					Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9952									
Lot Thickness Std. Dev., in		0.21116		<< Formula	1						
Thickness Pay Factor:		100.447%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublet 11
Strength - Cylinder 1, psi	5580	4990	5800	5480	5150	4680	5180	Subiol 8	Subiol 9	Subiot 10	Subiot 11
Strength - Cylinder 2, psi	5070	5050	6110	5450	5200	4660	5120				
Sublot Strength, psi Formula >>	5325	5020	5955	5465	5175	4670	5150				
		7		<< Formut							
Resulting Samples per lot (n) Lot Strength Mean, in		5251.429		<< Formul			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	MQL							
				1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594 415.57563		<< Formula							
Lot Strength Std. Dev., in Strength Boy Easter:	L										
Strength Pay Factor:		100.782%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.7	Sublot 2 6.5	Sublot 3 6.5	Sublot 4 6.8	Sublot 5 7.1	Sublot 6 7.3	Sublot 7 6.6	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %					7.1		6.6		Sublot 9	Sublot 10	Sublot 11
		6.5		6.8	7.1 a			Sublot 8 7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)		6.5 7		6.8	7.1 a		6.6 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	6.7	6.5 7 6.786	6.5	6.8	7.1 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.7	6.5 7 6.786 Yes	6.5	6.8	7.1 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.7	6.5 7 6.786 Yes ent Mean is be 0	6.5	6.8	7.1 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples por lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.7	6.5 7 6.786 Yes ent Mean is be	6.5	6.8	7.1		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.7	6.5 7 6.786 Yes ent Mean is be 0 0.9594 0.32086	6.5	6.8 <	7.1		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.7	6.5 7 6.786 Yes ent Mean is be 0 0.9594	6.5	6.8 <	7.1		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.7	6.5 7 6.786 Yes ent Mean is be 0 0.9594 0.32086 99.873%	6.5	6.8 <	7.1	7.3	6.6 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.7	6.5 7 6.786 Yes ent Mean is be 0 0.9594 0.32086 99.873% Sublot 2 33.6	6.5 tween RQL Sublot 3 25.1	6.8 <c formul<br="">and MQL <c formul<br="">Sublot 4 30</c></c>	7.1 a a Sublot 5 26.3	7.3 Sublot 6 30.8	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 29.4	7.0 5.5 8.5			
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Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Contont Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Prof	6.7	6.5 7 6.786 798 798 0 0.3594 0.32086 99.873% 99.873% 20.3 24.6 23.36 26.4 17.9 20.3 24.6 23.36 26.4 17.9 20.3 24.6 23.36 24.6 23.376 Yes dex Mean is be	6.5 tween RQL 25.1 22.1 20.2 22.2	6.8 <c formula<br=""><c formula<br=""><c formula<br=""><c formula<br="">30 23.5 26.4 23.4 23.4 25.8 <c formula<br="">and MQL <c formula<br=""><c for<="" td=""><td>7.1 Sublet 5 26.3 24.3 20.1 23.2 23.5</td><td>7.3 Sublet 6 30.8 25.6 22.9 21.3 25.2 Ma</td><td>6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td></td><td></td><td>Sublot 11</td></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	7.1 Sublet 5 26.3 24.3 20.1 23.2 23.5	7.3 Sublet 6 30.8 25.6 22.9 21.3 25.2 Ma	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Subiot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected?	6.7	6.5 7 6.786 77 97 97 97 90 90 99 99 87 3% 99 87 3% 99 87 3% 20 3 3.6 26.4 20.3 20.3 24.6 20.3 24.6 23.736 Yes Yes	6.5 tween RQL 25.1 22.1 21.3 20.2 22.2 22.2	6.8 Control of the second	7.1 Sublot 5 26.3 24.3 20.1 23.2 23.5 3 3	7.3 Sublot 6 30.8 25.6 22.9 21.3 25.2 25.2 Ma Min	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Contont Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Prof	6.7	6.5 7 6.786 77 97 97 97 97 97 97 97 97 99 97 99 87 32 6 20 33.6 26.4 20 33.6 26.4 20 33.6 20 33.6 26.4 20 32 4.6 20 3 24.6 23.736 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 99 87 37 90 87 37 37 87 90 80 80 80 80 80 80 80 80 80 80 80 80 80	6.5 tween RQL 25.1 22.1 21.3 20.2 22.2 22.2	6.8 Control of the second	7.1 Sublot 5 26.3 24.3 20.1 23.2 23.5 3 3	7.3 Sublot 6 30.8 25.6 22.9 21.3 25.2 25.2 Ma Min	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, In/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xel. Dev., In/mi Profile Index Set. Dev., In/mi Profile Index Add. Dev., In/mi Profile Index Add. Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds	6.7	6.5 7 6.786 7 Yes 9 Mean is be 0 0.9594 0.32086 9 9.873% Subiot 2 33.6 26.4 17.9 20.3 24.6 23.736 Yes 0.9896 0 0.9896 0 0.9896 0 1408.00 9856.00	6.5 tween RQL 25.1 22.1 20.2 22.2 22.2 etween RQL	6.8 Control of the second	7.1 3 3 3 3 3 3 3 3 3 3 3 3 3	7.3 Sublot 6 30.8 25.6 21.3 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.6 25.6 25.6 25.6 25.6 25.6 25.2 30.8 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 30.	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Subiot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Profile Index Std. Profile Std. Profile Index Pay Factor Profile Index Pay Factor Profile Index Pay Factor: Profile Index Pay Factor Pay Factor: Profile Index Pay Factor Pay Factor: Profile Pay Factors Determined? Profile Index Pay Factor Pay Factor: Profile Pay Factors Determined? Profile Pay Factors Determined? Profile Pay Factors Pay Factor Pay Fa	6.7	6.5 7 6.786 798 90.9594 0.32086 99.873% Sublot 2 33.6 26.4 99.873% 20.3 24.6 23.736 Yes dex Mean is b 0 0.9896 4.29232 103.376% Yes Sublot 2 1408.00 9856.00 100.45%	6.5 tween RQL 25.1 22.1 20.2 22.2 22.2 etween RQL	6.8 Control of the second	7.1 3 3 3 3 3 3 3 3 3 3 3 3 3	7.3 Sublot 6 30.8 25.6 21.3 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.6 25.6 25.6 25.6 25.6 25.6 25.2 30.8 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 30.	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Profile Index Mean, Ammini Lot Profile Index Mean, in/mi Profile Index Mean, in/mi Air Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Profile Index Mean, Ammini Lot Profile Index Mean, Ammini Lot Profile Index Mean, Ammini Lot Profile Index Mean, Ammini Rubber of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.7	6.5 7 6.786 7 97 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6.5 tween RQL 25.1 22.1 20.2 22.2 22.2 etween RQL	6.8 Control of the second	7.1 3 3 3 3 3 3 3 3 3 3 3 3 3	7.3 Sublot 6 30.8 25.6 21.3 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.6 25.6 25.6 25.6 25.6 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 25.2 30.8 25.2 25.	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Subiot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Profile Index Std. Dev., In/mi Profile Ind	6.7	6.5 7 6.786 798 90.9594 0.32086 99.873% Sublot 2 33.6 26.4 99.873% 20.3 24.6 23.736 Yes dex Mean is b 0 0.9896 4.29232 103.376% Yes Sublot 2 1408.00 9856.00 100.45%	6.5 tween RQL 25.1 22.1 20.2 22.2 22.2 etween RQL	6.8 Control of the second	7.1 3 3 3 3 3 3 3 3 3 3 3 3 3	7.3 Sublot 6 30.8 25.6 21.3 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.6 25.6 25.6 25.6 25.6 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 25.2 30.8 25.2 25.	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Xed. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Teator: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds PF Strength PF Air Content PF Strength PF Arc Ontent PF Strength PF Arc Ontent PF Strength PF Arc Ontent PF Strength PF Arc Dotset	6.7	6.5 7 6.786 7 9 0.9594 0.32086 99.873% 99.873% 20.3 26.4 17.9 20.3 24.6 20.3 24.6 23.3 24.6 23.3 24.6 23.73 24.6 23.73 24.6 23.73 24.6 23.35 20.3 24.6 23.73 24.6 23.35 28 2.0 3 24.6 20.3 27.6 20.3 27.6 20.3 27.6 20.3 27.6 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5	6.5 tween RQL 25.1 22.1 20.2 22.2 22.2 etween RQL	6.8 Control of the second	7.1 3 3 3 3 3 3 3 3 3 3 3 3 3	7.3 Sublot 6 30.8 25.6 21.3 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.6 25.6 25.6 25.6 25.6 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 25.2 30.8 25.2 25.	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Std. Dev., In/mi Profi	6.7 Lot Air Conte Sublot 1 21.7 20.4 22.3 19.6 Lot Profile In Sublot 1 1408.00	6.5 7 6.786 776 9786 99.873% 99.873% 50000 2 33.6 26.4 17.9 20.3 24.6 23.336 26.4 17.9 20.3 24.6 23.336 26.4 17.9 20.3 24.6 0 0.9896 4.29232 103.376% Yes Sublot 2 10.9896 4.29232 103.376%	6.5 tween RQL 25.1 22.1 22.2 22.2 22.2 etween RQL sublet 3 1408.00	6.8 Control of the second	7.1 3 3 3 3 3 3 3 3 3 3 3 3 3	7.3 Sublot 6 30.8 25.6 21.3 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.6 25.6 25.6 25.6 25.6 25.6 25.2 30.8 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 30.	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Sd. Dev., In/mi Profile Index Sd. Dev., In/mi Profile Index Sd. Dev., In/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined? Resolutions Fr Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds Fr Strength PF Air Content PF Strength PF Air Content PF Strength PF Are Notes S	6.7 Lot Air Conte Sublot 1 21.7 20.4 13.9 22.3 19.6 Lot Profile In Sublot 1 1408.00 \$	6.5 7 6.786 7 6.786 9 9 9 9 9 9 9 9 9 9 9 9 9	6.5 tween RQL 25.1 22.1 21.3 20.2 22.2 22.2 etween RQL sublot 3 1408.00	6.8 Control of the second	7.1 3 3 3 3 3 3 3 3 3 3 3 3 3	7.3 Sublot 6 30.8 25.6 21.3 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.6 25.6 25.6 25.6 25.6 25.6 25.2 30.8 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 25.2 30.8 30.	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 29.4 24.2 19.5 28.5 25.4 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	WB5	[Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59		_	Begin Statio			443+03.0				
Lot Length, mi Lot Width, feet	0.7	<< Formula	-	End Station Number of			479+99.0 2		<< Formul	a	
Lot lane-mi	1.40	<< Formula		Number of			7				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date	e(s)		April 11				
*Minimum Number of Sublots = 4, Maxin	um Number o	f Sublots = 8	excent in sr	ecial cases	(e ci last dav	naving or w	hen nossibility o	f lot baving	less than 4	sublots)	
,											
Sublot Area, sq yds	Sublot 1 1408.00	Sublot 2 1408.00	Sublot 3 1408.00	Sublot 4 1408.00	Sublot 5 1408.00	Sublot 6 1408.00	Sublot 7 1408.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
	9856.00										
THICKNESS											
Thickness - Probe 1, in	12.25	12.75	12.75	13.00	12.75	12.75	12.75				
Thickness - Probe 2, in Thickness - Probe 3, in	12.25	12.75 13.00	12.75 12.75	13.00 13.00	13.00 13.00	13.00 12.75	12.50 12.75				
Thickness - Probe 4, in	12.75	12.75	12.75	13.00	13.00	12.50	12.50				
Thickness - Probe 5, in	12.75	12.75	12.50	12.50	12.75	12.75	12.50				
Thickness - Probe 6, in	12.75	12.75	12.50	12.50	12.75	12.75	12.50				
Thickness - Probe 7, in Thickness - Probe 8, in	12.75 12.75	12.75 12.75	12.75 12.50	13.00 13.00	12.75 12.75	12.75 13.00	13.00 13.00				
Sublot Thickness, in Formula >>	12.63	12.78	12.66	12.88	12.84	12.78	12.69				
Resulting Samples per lot (n)		56 12.750		<< Formut			Lot AQL, in	12.5 11.5			
Lot Thickness Mean, in Lot Thickness Mean Acceptable?		12.750 Yes			<u> </u>		Lot RQL, in Lot MQL, in	11.5 13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet		nd MOI							
				1							
Number of Non-Conforming Sublots:	L	0 9952									
Std. Dev. Correction Factor Lot Thickness Std. Dev., in		0.9952		<< Formula	3						
Thickness Pay Factor:		100.702%									
STRENGTH	Culture	Cubi i c	Cubi vi	Cubi	Cubi I I	Cubic	0	0	Curbin 1	Cubi - C	Out-1
Strength - Cylinder 1, psi	Sublot 1 5800	Sublot 2 6340	Sublot 3 5190	Sublot 4 5130	Sublot 5 5140	Sublot 6 5530	Sublot 7 5960	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 2, psi	5700	6190	5100	5030	5010	5320	6160				
Sublot Strength, psi Formula >>	5750	6265	5145	5080	5075	5425	6060				
Describing Complex and let (a)		7		<< Formut	•			4,500			
Resulting Samples per lot (n) Lot Strength Mean, in	L	5542.857		<< Formul			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:		Mean is great	er than MQL	- Use MQL	for Lot						
	Strength Mea			1							
Number of Non-Conforming Sublots:		0		l							
Std. Dev. Correction Factor Lot Strength Std. Dev., in	[0.9594									
				<< Formula	3						
	L			<< Formula	a						
Strength Pay Factor:		100.843%		<< Formula	1						
Strength Pay Factor:	Cubled	100.843%	Cubled 2	·	_	Cubles C	0.4144.7	Cubled 0	Cubled O	Cubled 40	Cubles 44
Strength Pay Factor: AIR CONTENT	Sublot 1	100.843% Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7 6.6	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor:		100.843%		Sublot 4	Sublot 5			Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n)		100.843% Sublot 2 6.3 7		Sublot 4 7.2	Sublot 5 6.8		6.6 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in		Sublot 2 6.3 7 6.800		Sublot 4	Sublot 5 6.8		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean Acceptable?	6.9	100.843% Sublot 2 6.3 7 6.800 Yes	6.9	Sublot 4 7.2 «« Formul	Sublot 5 6.8		6.6 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.9	100.843% Sublot 2 6.3 7 6.800 Yes ent Mean is be	6.9	Sublot 4 7.2 «« Formul	Sublot 5 6.8		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots:	6.9	100.843% Sublot 2 6.3 7 6.800 Yes ent Mean is be 0	6.9	Sublot 4 7.2 «« Formul	Sublot 5 6.8		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.9	100.843% Sublot 2 6.3 7 6.800 Yes ent Mean is be 0 0.9594	6.9	Sublot 4 7.2 «Formul and MQL	Sublot 5 6.8 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.9	100.843% Sublot 2 6.3 7 6.800 Yes ent Mean is be 0 0.9594 0.29481	6.9	Sublot 4 7.2 «« Formul	Sublot 5 6.8 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.9	100.843% Sublot 2 6.3 7 6.800 Yes ent Mean is be 0 0.9594	6.9	Sublot 4 7.2 «Formul and MQL	Sublot 5 6.8 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.9	100.843% Sublot 2 6.3 7 6.800 Yes ent Mean is be 0 0.9594 0.29481	6.9	Sublot 4 7.2 «Formul and MQL	Sublot 5 6.8 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublet Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.9	100.843% Sublot 2 6.3 7 6.800 Yes ent Mean is be 0 0.9594 0.29481	6.9	Sublot 4 7.2 «Formul and MQL	Sublot 5 6.8 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	
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Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, nc Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 2, In/mi	6.9	100.843% Subiot 2 6.3 7 6.800 Yes ont Mean is be 0 0.9594 0.29481 99.887% Subiot 2 21.2 18.6	6.9 stween RQL Sublot 3 17.3 17.5	Sublot 4 7.2 << Formul and MQL << Formul Sublot 4 16.4	Sublot 5 6.8 a a Sublot 5 25.5 18.9	6.9 Sublot 6 25.5 21.4	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 25.9 26.8	7.0 5.5 8.5			
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Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.9	100.843% Sublot 2 6.3 7 6.800 Yes ont Mean is be 0 0.9594 0.29481 99.887% Sublot 2 21.2 18.6 14.3	6.9 tween RQL Sublot 3 17.3 17.5 15.7	Sublot 4 7.2 << Formul and MQL << Formul Sublot 4 16.4 16.6 17.2	Sublot 5 6.8 a a Sublot 5 25.5 18.9 17.4	6.9 Sublot 6 25.5 21.4 18.6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 25.9 26.8 20.4	7.0 5.5 8.5			
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Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in- Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev, % Air Content Std. Dev, % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/mi Content Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev, In/mi Profile Index Std. Dev, In/mi Profile Index Std. Dev, In/mi Profile Index Std. Dev, In/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined?	6.9	100.843% Subiot 2 6.3 7 6.800 Yes nt Mean is be 0 0.29481 99.887% Subiot 2 21.2 19.387% Subiot 2 21.2 19.384 17.5 28 19.832 Yes 0 0.9896 3.68552 104.991%	6.9 stween RQL 3 17.3 17.5 15.7 15.8 16.6	Sublot 4 7.2 << Formul << Formul and MQL <	Sublot 5 6.8 a a Sublot 5 25.5 18.9 17.4 19 20.2 a a	6.9 Sublet 6 25.5 21.4 20.9 21.6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublet 7 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Resulting Samples per lot (n) Lot Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds	6.9	100.843% Subiot 2 6.3 7 6.800 10 0 0.994 0 0.29491 0 0.29491 0 0.29491 14.3 15.8 19.887% Subiot 2 21.2 19.887% 99.887% 0 0.9944 17.5 19.832 Yes 0 0.9896 3.68552 104.991% Yes Subiot 2	6.9 stween RQL 17.3 17.5 15.7 15.7 15.8 16.6 between RQL Sublot 3	Sublot 4 7.2 <pre><pre>Sublot 4 formul </pre></pre>	Subiot 5 6.8 a a b Subiot 5 20.5 18.9 17.4 19 9 20.2 a a a Subiot 5	6.9 Sublot 6 25.5 21.4 18.6 20.9 21.6 21.6 21.6 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Permula » Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean, In/mi Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Considered for PRS, sq yds	6.9	100.843% Subiot 2 6.3 7 6.800 Yes ont Mean is be 0 0.994 0.29481 0.29481 0.29481 5.8 14.3 15.8 14.3 15.8 14.3 15.8 14.3 15.8 14.3 15.8 19.832 Yes dex Mean is be 0 0.9896 3.68552 104.991% Yes Subiot 2 140.901%	6.9 stween RQL	Sublot 4 7.2 <pre></pre>	Sublot 5 6.8 a a 3 3 5 25.5 18.9 17.4 19 20.2 3 a a a	6.9 Sublot 6 25.5 21.4 18.6 20.9 21.6 Xian Xian Xian Xian Xian Xian Xian Xian	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Sublot Profile Index - Run 4, In/mi Sublot Profile Index - Run 4, In/mi Sublot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Filter Ail Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area	6.9	100.843% Subiot 2 6.3 7 6.800 Yes ont Mean is be 0 0.9594 0.9481 99.887% Subiot 2 21.2 18.6 17.5 28 19.387% 0 0.8966 0 0.9896 0 0.98950 1408.991% Yes Subiot 2	6.9 stween RQL 17.3 17.5 15.7 15.7 15.8 16.6 between RQL Sublot 3	Sublot 4 7.2 <pre><pre>Sublot 4 formul </pre></pre>	Subiot 5 6.8 a a b Subiot 5 20.5 18.9 17.4 19 9 20.2 a a a Subiot 5	6.9 Sublot 6 25.5 21.4 18.6 20.9 21.6 21.6 21.6 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Permula » Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean, In/mi Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Considered for PRS, sq yds	6.9	100.843% Subiot 2 6.3 7 6.800 Yes ont Mean is be 0 0.994 0.29481 0.29481 0.29481 5.8 14.3 15.8 14.3 15.8 14.3 15.8 14.3 15.8 14.3 15.8 19.832 Yes dex Mean is be 0 0.9896 3.68552 104.991% Yes Subiot 2 140.901%	6.9 stween RQL 17.3 17.5 15.7 15.7 15.8 16.6 between RQL Sublot 3	Sublot 4 7.2 <pre><pre>Sublot 4 formul </pre></pre>	Subiot 5 6.8 a a b Subiot 5 20.5 18.9 17.4 19 9 20.2 a a a Subiot 5	6.9 Sublot 6 25.5 21.4 18.6 20.9 21.6 21.6 21.6 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Resulting Samples per lot (n) Lot Profile Index Ann A, In/mi Sublot Profile Index Mean; In/mi Sublot Profile Index Mean; In/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds Pf Strength Pf Air Content	6.9	100.843% Subiot 2 6.3 7 6.800 10 0 0.9594 0 0.29491 0 0.29491 99.887% Subiot 2 21.2 14.3 15.8 19.382 Yes 0 0.9896 3.68552 104.991% Yes Subiot 2 1408.00 99.58.0 100.70% 100.84% 99.88%	6.9 stween RQL 17.3 17.5 15.7 15.7 15.8 16.6 between RQL Sublot 3	Sublot 4 7.2 <pre><pre>Sublot 4 formul </pre></pre>	Subiot 5 6.8 a a b Subiot 5 20.5 18.9 17.4 19 9 20.2 a a a Subiot 5	6.9 Sublot 6 25.5 21.4 18.6 20.9 21.6 21.6 21.6 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Permula » Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean; In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content PF Air Content	6.9	100.843% Subiot 2 6.3 7 6.800 Yes ont Mean is be 0 0.9594 0.29481 0.29481 0.29481 14.3 15.8 14.3 15.8 14.3 15.8 14.3 15.8 14.3 15.8 19.832 Yes dex Mean is be 0 0.9896 3.68552 104.991% Yes Subiot 2 140.991% 100.84% 99.88%	6.9 stween RQL 17.3 17.5 15.7 15.7 15.8 16.6 between RQL Sublot 3	Sublot 4 7.2 <pre><pre>Sublot 4 formul </pre></pre>	Subiot 5 6.8 a a b Subiot 5 20.5 18.9 17.4 19 9 20.2 a a a Subiot 5	6.9 Sublot 6 25.5 21.4 18.6 20.9 21.6 21.6 21.6 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Sublot Profile Index - Run 3, In/mi Sublot Profile Index - Run 3, In/mi Sublot Profile Index Mana, Cceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Factors: RESULTS All Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area Pf Thickness Pf Strength Pf Air Content Pf Strength Pf Air Content Pf Strength	6.9 Lot Air Conte Sublot 1 25.4 23.5 19.5 22.2 22.7 Lot Profile In Sublot 1 1408.00	100.843% Subiot 2 6.3 7 6.800 Yes ont Mean is be 0 0.9594 0.99481 99.887% Subiot 2 21.2 18.6 17.5 28 19.322 Yes dex Mean is b 0 0.9966 0.9996 3.68552 104.991% Yes Subiot 2 1408.00 9956.00 100.84%	6.9 tween RQL 17.3 17.5 15.8 16.6 setween RQL 9 9 9 9 9 9 9 9 9 9 9 9 9	Sublot 4 7.2 <pre><pre>Sublot 4 formul </pre></pre>	Subiot 5 6.8 a a b Subiot 5 20.5 18.9 17.4 19 9 20.2 a a a Subiot 5	6.9 Sublot 6 25.5 21.4 18.6 20.9 21.6 21.6 21.6 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Permula » Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean; In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content PF Air Content	6.9 Lot Air Conte Sublot 1 Sublot 1 Lot Profile In Sublot 1 Sublot 1	100.843% Subiot 2 6.3 7 6.800 Yes ont Mean is be 0 0.9594 0.29481 0.29481 0.29481 14.3 15.8 14.3 15.8 14.3 15.8 14.3 15.8 14.3 15.8 19.832 Yes dex Mean is be 0 0.9896 3.68552 104.991% Yes Subiot 2 140.991% 100.84% 99.88%	6.9 stween RQL 17.3 17.5 15.6 16.6 setween RQL sublot 3 1408.00	Sublot 4 7.2 <pre><pre>Sublot 4 formul </pre></pre>	Subiot 5 6.8 a a b Subiot 5 20.5 18.9 17.4 19 9 20.2 a a a Subiot 5	6.9 Sublot 6 25.5 21.4 18.6 20.9 21.6 21.6 21.6 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 25.9 26.8 20.4 22.2 23.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	WB6]		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59		_	Begin Statio			408+00.0		_		
Lot Length, mi Lot Width, feet	0.7	<< Formula		End Station Number of			443+03.0 2		<< Formul	a	
Lot lane-mi	1.33	<< Formula		Number of S			7				
Resulting Lot Area, sq yds	9341.00	<< Formula		Paving Date			April 13				
Minimum Number of Oublines of Menin	Number of	(Cublete 0			(lt			flat having			
*Minimum Number of Sublots = 4, Maxim			except in sp								
Sublot Area, sg vds Formula >>	Sublot 1 1408.00	Sublot 2 1408.00	Sublot 3 1408.00	Sublot 4 1408.00	Sublot 5 1408.00	Sublot 6 1408.00	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds	9341.00	1408.00	1408.00	1408.00	1408.00	1408.00	893.00			1	
THICKNESS											
Thickness - Probe 1, in	13.00	12.50	12.50	12.50	12.75	12.50	13.00				
Thickness - Probe 2, in	13.00	12.50	12.75	12.50	12.50	12.50	13.00				
Thickness - Probe 3, in Thickness - Probe 4, in	13.00 13.00	12.50 12.50	12.50 12.50	12.50 12.75	12.50 12.75	12.50 12.50	13.00 13.00				
Thickness - Probe 5, in	12.50	12.50	12.30	12.75	12.70	12.50	12.75				
Thickness - Probe 6, in	12.50	12.50	12.75	12.75	12.50	12.75	12.75				
Thickness - Probe 7, in	12.50	12.50	12.75	12.75	12.50	12.75 12.50	12.75				
Thickness - Probe 8, in Sublot Thickness, in Formula >>	12.50 12.75	12.50 12.50	12.75 12.66	12.75	12.50 12.56	12.50	12.75 12.88				
Resulting Samples per lot (n)		56		<< Formul			Lot AQL, in	12.5			
Lot Thickness Mean, in Lot Thickness Mean Acceptable?		12.652 Yes		< Formul	•		Lot RQL, in Lot MQL, in	11.5 13.0			
	L at Thisland						LOU MOL, III	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a								
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor Lot Thickness Std. Dev., in		0.9952		<< Formula							
Thickness Pay Factor:		100.429%									
THICKIESS I ay Factor.		.00.423 /0									
ETDENCTU											
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi Strength - Cylinder 2, psi	5060 4710	5460 5440	5640 6180	5070 5510	6380 6160	6030 5800	5850 5740				
Sublot Strength, psi Formula >>	4885	5450	5910	5290	6270	5915	5795				
Resulting Samples per lot (n) Lot Strength Mean, in		7 5645.000		<< Formul			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:		Mean is great	er than MQL	- Use MQL	or Lot						
-	Strength Mea			1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor Lot Strength Std. Dev., in		0.9594		<< Formula							
Strength Pay Factor:		100.861%			_						
		100.00170									
	Cublet 4	Cubled 0	Cubles 2	Cubled 4	Cubles C	Cubles	Cubles 7	Cubled 0	Cubled O	Cubled 40	Cubles 44
AIR CONTENT Sublot Air Content, %	Sublot 1 6.5	Sublot 2 6.3	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7 6.5	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	-	6.3							Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)	-	6.3 7		7.2	6.5 a		6.5 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	-	6.3 7 6.700		7.2	6.5 a		6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.5	6.3 7 6.700 Yes	7.2	7.2	6.5 a		6.5 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.5	6.3 7 6.700 Yes ent Mean is be	7.2	7.2	6.5 a		6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.5	6.3 7 6.700 Yes ent Mean is be 0	7.2	7.2	6.5 a		6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594	7.2	7.2	6.5		6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594 0.37581	7.2	7.2	6.5		6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594	7.2	7.2	6.5		6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., %	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594 0.37581	7.2	7.2	6.5		6.5 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9		
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594 0.37581 99.805% Sublot 2	7.2 tween RQL Sublot 3	7.2 Control of the second	6.5 a a Sublot 5	6.7 Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5	Sublot 9	Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594 0.37581 99.805% Sublot 2 16.9	7.2 Itween RQL Sublot 3 19.4	7.2 <pre><c <="" formul="" pre=""></c></pre>	6.5	6.7 Sublot 6 17.1	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594 0.37581 99.805% Sublot 2	7.2 tween RQL Sublot 3	7.2 Control of the second	6.5 a a Sublot 5	6.7 Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594 0.37581 99.805% Sublot 2 16.9 18 14.5	7.2 stween RQL 19.4 22.3 15.2 22.2	7.2 <c formul<br=""><c formul<br=""><c formul<br="">Sublot 4 21.2 20.7 14.8 25.9</c></c></c>	6.5 Sublot 5 21.4 22.2 18.1 17.2	6.7 Sublot 6 17.1 16.1 17.4	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57 16.57 16.52 17.84 19.96	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Means: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594 0.37581 99.805% Sublot 2 16.9 18 14.7	7.2 tween RQL Sublot 3 19.4 22.3 15.2	7.2 <pre><c <="" formul="" pre=""> <pre>cc Formul </pre> <pre>and MQL </pre> <pre><cc <="" formul="" pre=""> <pre>Sublot 4 </pre> <pre>21.2 </pre> <pre>20.7 </pre> <pre>14.8</pre></cc></pre></c></pre>	6.5 Sublot 5 21.4 22.2 18.1	6.7 Sublot 6 17.1 16.1 19.9	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57 16.52 17.84	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.5	6.3 7 6.700 Yes ent Mean is be 0 0.9594 0.37581 99.805% Sublot 2 16.9 18 14.5	7.2 stween RQL 19.4 22.3 15.2 22.2	7.2 <c formul<br=""><c formul<br=""><c formul<br="">Sublot 4 21.2 20.7 14.8 25.9</c></c></c>	6.5 Sublot 5 21.4 22.2 18.1 17.2 19.7	6.7 Sublot 6 17.1 16.1 17.4	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57 16.57 16.52 17.84 19.96	7.0 5.5 8.5			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Drofile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.5	6.3 7 6.700 Yes nt Mean is be 0 0.9594 0.37581 99.805% Subiot 2 16.9 18 14.5 16.0 28 19.305% 28 19.357 Yes 0 0.9996 3.37499 105.149% Yes Subiot 2 1408.00 9341.00 100.45%	7.2 stween RQL Sublot 3 19.4 22.3 15.2 22.2 19.8 between RQL Sublot 3	7.2 7.2 7.2 7.2 and MQL and MQL 8 Sublet 4 20.7 14.8 26.9 20.7 4.4 Formulation of the second sec	6.5 Sublot 5 21.4 22.2 18.1 17.2 19.7 a a Sublot 5	6.7 Sublot 6 17.1 19.9 17.4 17.6 Ma Mi Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57 16.57 16.57 16.57 16.57 16.52 17.84 19.96 17.7 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Pf Nitckness Pf Strength Pf Air Content	6.5	6.3 7 6.700 Yes nnt Mean is be 0 0.9594 0.37581 99.805% 99.805% 16.9 18 14.7 14.5 16.9 18 14.7 14.5 14.5 16.0 28 19.357 Yes 0.9896 3.37499 105.149% Yes Subiot 2 1408.00 19.341.00 19.341.00	7.2 stween RQL Sublot 3 19.4 22.3 15.2 22.2 19.8 between RQL Sublot 3	7.2 7.2 7.2 7.2 and MQL and MQL 8 Sublet 4 20.7 14.8 26.9 20.7 4.4 Formulation of the second sec	6.5 Sublot 5 21.4 22.2 18.1 17.2 19.7 a a Sublot 5	6.7 Sublot 6 17.1 19.9 17.4 17.6 Ma Mi Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57 16.57 16.57 16.57 16.57 16.52 17.84 19.96 17.7 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Drofile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.5	6.3 7 6.700 Yes nt Mean is be 0 0.9594 0.37581 99.805% Subiot 2 16.9 18 14.5 16.0 28 19.305% 28 19.357 Yes 0 0.9996 3.37499 105.149% Yes Subiot 2 1408.00 9341.00 100.45%	7.2 stween RQL Sublot 3 19.4 22.3 15.2 22.2 19.8 between RQL Sublot 3	7.2 7.2 7.2 7.2 and MQL and MQL 8 Sublet 4 20.7 14.8 26.9 20.7 4.4 Formulation of the second sec	6.5 Sublot 5 21.4 22.2 18.1 17.2 19.7 a a Sublot 5	6.7 Sublot 6 17.1 19.9 17.4 17.6 Ma Mi Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57 16.57 16.57 16.57 16.57 16.52 17.84 19.96 17.7 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Profile Index Std. Dev., in/mi Profil	6.5 Lot Air Conte Sublot 1 24.4 25 23.9 24.0 Lot Profile In Sublot 1 1408.00	6.3 7 6.700 Yes ont Mean is be 0 0.9594 0.37581 99.805% Sublot 2 16.9 18 14.7 14.5 16.0 28 19.357 Yes 0 0.9896 3.37499 105.149% Yes Sublot 2 1408.00 9341.00 100.43% 100.86% 99.80%	7.2 T.2 Sublot 3 Sublot 3 1408.00	7.2 7.2 7.2 7.2 and MQL and MQL 8 Sublet 4 20.7 14.8 26.9 20.7 4.4 Formulation of the second sec	6.5 Sublot 5 21.4 22.2 18.1 17.2 19.7 a a Sublot 5	6.7 Sublot 6 17.1 19.9 17.4 17.6 Ma Mi Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57 16.57 16.57 16.57 16.57 16.52 17.84 19.96 17.7 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean.: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Trickness PF Strength PF Air Content PF Strength PF Air Content PF Smoothness PF Composite	6.5	6.3 7 6.700 Yes nnt Mean is be 0 0.9594 0.37581 99.805% Subiot 2 16.9 18 14.5 16.0 18 19.357 Yes 0 0.9896 0 0.9896 0 0.9896 0 0.9896 0 0.9896 0 0 0.9897 10.5149% Yes Subiot 2 1408.00 99.40% 100.83% 0 106.30%	7.2 stween RQL 19.4 22.3 15.2 22.2 19.8 setween RQL setween RQL 1408.00	7.2 7.2 7.2 7.2 and MQL and MQL 8 Sublet 4 20.7 14.8 26.9 20.7 4.4 Formulation of the second sec	6.5 Sublot 5 21.4 22.2 18.1 17.2 19.7 a a Sublot 5	6.7 Sublot 6 17.1 19.9 17.4 17.6 Ma Mi Sublot 6	6.5 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 16.57 16.57 16.57 16.57 16.57 16.52 17.84 19.96 17.7 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	WB7]		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio	on		554+65.0		_		
Lot Length, mi Lot Width, feet	1.4	<< Formula		End Station Number of			628+50.0		<< Formul	a	
Lot lane-mi	1.40	<< Formula		Number of S			7				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date			April 17, 18, 19				
this was blocked at the second		(Cublete 0			(lt			flat having			
*Minimum Number of Sublots = 4, Maxim			except in sp			paving or w					
Sublot Area, sg vds Formula >>	Sublot 1 1408.00	Sublot 2 1408.00	Sublot 3 1408.00	Sublot 4 1408.00	Sublot 5 1408.00	Sublot 6 1408.00	Sublot 7 1408.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00			1	1
THICKNESS											
Thickness - Probe 1, in	12.75	12.75	13.00	13.00	12.75	12.75	12.75				
Thickness - Probe 2, in	12.75	12.75	13.00	13.00	12.50	12.75	12.50				
Thickness - Probe 3, in Thickness - Probe 4, in	12.75	12.50 12.50	13.00 12.75	13.00 12.75	12.75 13.00	12.75 12.50	12.75 12.50				
Thickness - Probe 5, in	12.50	12.75	13.00	13.00	12.50	12.50	12.30				
Thickness - Probe 6, in	12.50	12.75	13.00	12.75	12.50	12.50	12.50				
Thickness - Probe 7, in Thickness - Probe 8, in	12.50	13.00	13.00	13.00	12.75 12.75	12.75 12.50	13.00				
Sublot Thickness, in Formula >>	12.50 12.66	13.00 12.75	13.00 12.97	12.75 12.91	12.75	12.50	13.00 12.72				
Resulting Samples per lot (n)		56		<< Formul			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.759		<< Formul	•		Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?		Yes		1			Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Inicknes	s Mean is bet	ween KQL a								
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor Lot Thickness Std. Dev., in		0.9952		<< Formula							
	L	100.712%									
Thickness Pay Factor:		100.712%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi Strength - Cylinder 2, psi	5540 5680	6130 6020	5270 5120	5070 5160	5230 5280	6100 5580	6310 6470				
Sublot Strength, psi Formula>>	5610	6075	5195	5115	5255	5840	6390				
							-				
Resulting Samples per lot (n)	L	7 5640.000		<< Formul			Lot AQL, psi	4,500 3,250			
Lot Strength Mean, in Lot Strength Mean Acceptable?		5640.000 Yes			<u> </u>		Lot RQL, psi Lot MQL, psi	3,250 5,500			
Notes on Lot Strength Mean:		Mean is great	er than MQL	- Use MQL	or Lot			-,			
	Strength Me			,							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594		<< Formula							
Lot Strength Std. Dev., in		506.08811		<< Formus							
Strength Pay Factor:		100.846%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.9	Sublot 2 7.2	Sublot 3 6.8	Sublot 4 7.2	Sublot 5 6.6	Sublot 6 6.3	Sublot 7 6.8	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)		7.2		7.2	6.6 a		6.8 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in		7.2 7 6.829		7.2	6.6 a		6.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.9	7.2 7 6.829 Yes	6.8	7.2	6.6 a		6.8 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.9	7.2 7 6.829 Yes ent Mean is be	6.8	7.2	6.6 a		6.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.9	7.2 7 6.829 Yes	6.8	7.2	6.6 a		6.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594	6.8	7.2	6.6 a		6.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conferming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594 0.33351	6.8	7.2	6.6 a		6.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594	6.8	7.2	6.6 a		6.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conferming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594 0.33351	6.8	7.2	6.6 a		6.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conferming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594 0.33351	6.8	7.2	6.6 a		6.8 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9 Sublot 9	Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594 0.33351 99.903% Sublot 2 30.6	6.8 tween RQL Sublot 3 17.7	7.2 <pre><c <="" formul="" pre=""></c></pre>	6.6 a 5 Sublot 5 52.8	6.3 Sublot 6 31.5	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 37.4	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 2, In/mi	6.9	7.2 7 6.829 Yes ant Mean is be 0 0.9594 0.33351 99.903% Sublot 2 30.6 22.4	6.8 tween RQL Sublot 3 17.7 19.6	7.2 <	6.6 Sublot 5 52.8 38.9	6.3 Sublot 6 31.5 29	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 37.4 29.5	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594 0.33351 99.903% Sublot 2 30.6	6.8 tween RQL Sublot 3 17.7	7.2 <pre><c <="" formul="" pre=""></c></pre>	6.6 a 5 Sublot 5 52.8	6.3 Sublot 6 31.5	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 37.4	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594 0.33351 99.903% Sublot 2 30.6 22.4 28.6	6.8 tween RQL Sublot 3 17.7 19.6	7.2 <pre><c <="" formul="" pre=""> <pre>cc Formul </pre> <pre>and MQL </pre> <pre><cc <="" formul="" pre=""> <pre>Sublot 4 </pre> <pre>25.6 <pre>29.1 </pre> <pre>18.8</pre></pre></cc></pre></c></pre>	6.6 Sublot 5 52.8 38.9 48	6.3 Sublot 6 31.5 29 27.4	6.8 Lot AQL, % Lot RQL, % Lot MQL, % 37.4 29.5 27.7	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profi	6.9 Lot Air Conte Sublet 1 22.1 22.9 21 18.2	7.2 7 6.829 Yes ant Mean is be 0 0.9594 0.33351 99.903% Sublet 2 30.6 22.4 28.6 22 25.9	6.8 stween RQL 5 17.7 19.6 19.6 18	7.2 Formul Formul Sublot 4 25.6 29.1 18.8 20.9 23.6	6.6 Sublot 5 52.8 38.9 48 25.6 41.3	6.3 Sublot 6 31.5 29 27.4 23.5	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublet 7 37.4 29.5 27.7 22.2 29.2	7.0 5.5 8.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/n Profile Index - Run 4, In/mi Sublot Profile Index, In/n Profile Index, In	6.9 Lot Air Conte Sublet 1 22.1 22.9 21 18.2	7.2 7 6.829 Yes nt Mean is be 0 0.9594 0.33351 99.903% Sublot 2 30.6 22.4 28.6 22 25.9 28	6.8 stween RQL 5 17.7 19.6 19.6 18	7.2 <c formul<br=""><c formul<br=""><c formul<br="">Subiot 4 25.6 29.1 18.8 20.9</c></c></c>	6.6 Sublet 5 52.8 38.9 48 25.6 41.3	6.3 Sublot 6 31.5 29 27.4 23.5	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 37.4 29.5 27.7 22.2 29.2 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profi	6.9 Lot Air Conte Sublet 1 22.1 22.9 21 18.2	7.2 7 6.829 Yes ant Mean is be 0 0.9594 0.33351 99.903% Sublet 2 30.6 22.4 28.6 22 25.9	6.8 stween RQL 5 17.7 19.6 19.6 18	7.2 Formula Sublot 4 25.6 29.1 18.8 20.9 23.6 Formula	6.6 Sublet 5 52.8 38.9 48 25.6 41.3	6.3 Sublot 6 31.5 29 27.4 23.5	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublet 7 37.4 29.5 27.7 22.2 29.2	7.0 5.5 8.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, ic Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Ru	6.9	7.2 7 6.829 Yes ent Mean is be 0 0.9594 0.33351 99.903% Sublet 2 30.6 22.4 28.6 22.4 28.6 22.5 9 28 26.807	6.8 stween RQL 3 17.7 19.6 18.6 18.7	7.2 Formula Sublot 4 25.6 29.6 20.9 23.6 <p< td=""><td>6.6 Sublet 5 52.8 38.9 48 25.6 41.3</td><td>6.3 Sublot 6 31.5 29 27.4 23.5</td><td>6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 37.4 29.5 27.7 22.2 29.2 Lot AQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0</td><td></td><td></td><td></td></p<>	6.6 Sublet 5 52.8 38.9 48 25.6 41.3	6.3 Sublot 6 31.5 29 27.4 23.5	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 37.4 29.5 27.7 22.2 29.2 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Profile Index Std. Dev., In/mi Pro	6.9 Lot Air Conte Sublot 1 22.1 22.9 18.2 21.1 Lot Profile in Sublot 1 1408.00	7.2 7 6.829 9 9 9 0 0 0 0.9594 0.3351 9 9 0.903% 5 2 8 0 0 2 8 0 6 2 2 4 2 6.807 7 8 2 6.807 7 9 8 .75666 101.421% 7 9 9 9.903%	6.8 Sublot 3 Sublot 3 1408.00	7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 8.1 8.1 8.1 8.2 7.2 7.2 8.1 7.2 8.1 7.2 7.2 7.2 8.1 7.2	6.6 Sublot 5 52.8 38.9 48 25.6 41.3 a Sublot 5	6.3 Sublot 6 31.5 29 27.4 23.5 27.9 27.9 27.9 Ma Mi Sublot 6	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublet 7 37.4 29.5 27.7 22.2 29.2 Lot AQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, In Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean Air/mi Lot Profile Index Mean Air/mi Lot Profile Index Mean Air/mi Sublot Profile Index Mean Air/mi Profile Index Std. Dev, in/mi Pro	6.9 Lot Air Conte Sublot 1 Sublot 1 Lot Profile Ir Lot Profile Ir Lot Profile Ir Sublot 1 Sublot 1	7.2 7.6.829 Yes ant Mean is be 0 0.9594 0.33351 99.903% Sublot 2 30.6 22.4 28.00 28.00 28.00 28.00 29.903% 29.903% 20.9996 8.75666 101.421% Yes Sublot 2 1408.00 9956.00 100.71% 100.85% 99.90%	6.8 Sublot 3 Sublot 3 1408.00	7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 8.1 8.1 8.1 8.2 7.2 7.2 8.1 7.2 8.1 7.2 7.2 8.1 7.2	6.6 Sublot 5 52.8 38.9 48 25.6 41.3 a Sublot 5	6.3 Sublot 6 31.5 29 27.4 23.5 27.9 27.9 27.9 Ma Mi Sublot 6	6.8 Lot AQL, % Lot RQL, % Lot MQL, % Sublet 7 37.4 29.5 27.7 22.2 29.2 Lot AQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	WB8	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio			479+99.0			_	
Lot Length, mi	1.4	<< Formula	_	End Station			554+65.0		<< Formul	a	
Lot Width, feet Lot lane-mi	12	<< Formula		Number of S			1				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date			April 19, 20				
	•					•					
*Minimum Number of Sublots = 4, Maxim	um Number o	f Sublots = 8,	except in sp	ecial cases	(e.g. last day	paving or w	hen possibility o	f lot having	less than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
THICKNESS	3030.00										
Thickness - Probe 1, in	13.00	12.50	12.50	12.75	12.50	12.75	13.00				
Thickness - Probe 2, in	13.00	12.30	12.50	12.75	13.00	13.00	12.75				
Thickness - Probe 3, in	13.00	12.50	12.75	12.75	12.75	13.00	12.75				
Thickness - Probe 4, in	12.75	12.50	12.50	12.50	12.75	13.00	12.75				
Thickness - Probe 5, in Thickness - Probe 6, in	12.75 12.50	12.75 12.75	12.75 12.50	12.75 12.75	12.75 12.50	12.75 12.50	13.00 12.75				
Thickness - Probe 7, in	12.30	12.75	12.30	12.75	12.50	13.00	13.00				
Thickness - Probe 8, in	12.75	12.50	12.50	12.75	13.00	13.00	12.50				
Sublot Thickness, in Formula >>	12.81	12.59	12.59	12.72	12.75	12.88	12.81				
		50		<< Formul				40.5			
Resulting Samples per lot (n) Lot Thickness Mean, in		56 12.737		<< Formut			Lot AQL, in Lot RQL, in	12.5 11.5			
Lot Thickness Mean Acceptable?		Yes					Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween ROL a	nd MQL							
			d	1							
Number of Non-Conforming Sublots:		0		J							
Std. Dev. Correction Factor Lot Thickness Std. Dev., in		0.9952		<< Formula							
Thickness Pay Factor:	·	100.666%									
THORNESS FAY FACTOR:		100.000%									
<u>STRENGTH</u>	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5650	5760	5420	5630	5150	5880	5320				
Strength - Cylinder 2, psi Sublot Strength, psi Formula>>	5510 5580	5630 5695	5340 5380	5630 5630	5590 5370	6390 6135	5130 5225				
Resulting Samples per lot (n)		7		<< Formul	a		Lot AQL, psi	4,500			
Lot Strength Mean, in		5573.571		<< Formul	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?	Lot Strongth	Yes Mean is great	or then MOI		for Lot		Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Strength Mea			- USE MIQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor	L	0.9594		1							
Lot Strength Std. Dev., in		310.83274		<< Formula							
Strength Pay Factor:		100.986%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.3	Sublot 2 7.0	Sublot 3 6.7	Sublot 4 6.5	Sublot 5 6.7	Sublot 6 6.5	Sublot 7 6.2	Sublot 8	Sublot 9	Sublot 10	Sublot 11
					6.7			Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in		7.0 7 6.557		6.5	6.7 a		6.2 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.3	7.0 7 6.557 Yes	6.7	6.5	6.7 a		6.2 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	6.3	7.0 7 6.557	6.7	6.5	6.7 a		6.2 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.3	7.0 7 6.557 Yes	6.7	6.5	6.7 a		6.2 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples por lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.3	7.0 7 6.557 Yes ent Mean is be	6.7	6.5	6.7 a		6.2 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.3	7.0 7 6.557 Yes ent Mean is be 0	6.7	6.5	6.7 a		6.2 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.3	7.0 7 6.557 Yes ent Mean is be 0 0.9594	6.7	6.5	6.7 a		6.2 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.3	7.0 7 6.557 Yes ent Mean is be 0 0.9594 0.28134	6.7	6.5	6.7 a		6.2 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.3	7.0 7 6.557 Yes ent Mean is be 0 0.9594 0.28134 99.714%	6.7	6.5	6.7 a	6.5	6.2 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.3	7.0 7 6.557 Yes ent Mean is be 0 0.9594 0.28134 99.714% Sublot 2	6.7 tween RQL Sublot 3	6.5	6.7 a a Sublot 5	6.5 Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5	Sublot 9	Sublot 10 Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.3	7.0 7 6.557 Yes ent Mean is be 0 0.9594 0.28134 99.714% Sublot 2 18.3	6.7 tween RQL Sublot 3 23.1	6.5 <pre> </pre> <pre> 6.5 </pre> <pre> and MQL </pre> <pre> 3 </pre> <pre> 3 </pre> <pre> 4 </pre> <pre> 20.8 </pre>	6.7 a a Sublot 5 22.5	6.5 Sublot 6 16	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.6	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.3	7.0 7 6.557 Yes ent Mean is be 0 0.9594 0.28134 99.714% Sublot 2	6.7 tween RQL Sublot 3	6.5	6.7 a a Sublot 5	6.5 Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.3	7.0 7 6.557 Yes mrt Mean is be 0 0.9594 0.28134 99.714% Sublot 2 18.3 16.7 12.2	6.7 stween RQL 23.1 22.7 14.9	6.5	6.7 a b Sublot 5 22.5 20.5 20.1 20.3	6.5 Sublot 6 16 20.8 16.1 20.2	6.2 Lot AQL, % Lot RQL, % Lot MQL, % 22.6 21.8 17.3 21.3	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean. Number of Non-Conforming Sublots: Std. Dev. Corraction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.3	7.0 7 6.557 Yes ont Mean is be 0 0.9594 0.28134 99.714% Sublot 2 18.3 16.7 12.6	6.7 tween RQL Sublot 3 23.1 22.7 18.5	6.5 <pre> <pre> <pre> </pre> </pre> <pre> <pre> <pre> </pre> </pre> </pre> <pre> <pre> <pre> <pre> <pre> </pre> </pre> </pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> </pre> </pre> </pre> </pre> <pre> </pre> </pre> </pre> </pre> </pre> </pre> </pre> <pre> </pre> </pre> </pre> </pre> </pre> <td>6.7 a a Sublot 5 22.5 20.5 20.1</td><td>6.5 Sublot 6 16 20.8 16.1</td><td>6.2 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.6 21.8 17.3</td><td>7.0 5.5 8.5</td><td></td><td></td><td></td></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	6.7 a a Sublot 5 22.5 20.5 20.1	6.5 Sublot 6 16 20.8 16.1	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.6 21.8 17.3	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profi	6.3	7.0 7 6.557 Yes ont Mean is be 0 0.9594 0.28134 99.714% Subiot 2 18.3 16.7 12.6 12.2 15.0	6.7 stween RQL 23.1 22.7 14.9	6.5	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.9	6.5 Sublot 6 16 20.8 16.1 20.2	6.2 Lot AQL, % Lot RQL, % Lot NQL, % 22.6 21.8 17.3 20.8	7.0 5.5 8.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Profile Index - Run 4, In/mi Sublot Profile Index, In/m Profile Index, In/m Profile Index - Run 4, In/mi Sublot Profile Index, In/m Profile Index, In/m Profile Index, In/m Profile Index - Run 4, In/mi Sublot Profile Index, In/m Profi	6.3	7.0 7 6.557 Yes 0 0.9594 0.28134 99.714% Sublot 2 18.3 16.7 12.6 12.2 15.0 28	6.7 stween RQL 23.1 22.7 18.5 14.9	6.5	6.7 a a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.9 b b b c 20.9 b c 20.9 c	6.5 Sublot 6 16 20.8 16.1 20.2	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profi	6.3	7.0 7 6.557 Yes ont Mean is be 0 0.9594 0.28134 99.714% Subiot 2 18.3 16.7 12.6 12.2 15.0	6.7 stween RQL 23.1 22.7 18.5 14.9	6.5 Control of the second	6.7 a a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.9 b b b c 20.9 b c 20.9 c	6.5 Sublot 6 16 20.8 16.1 20.2	6.2 Lot AQL, % Lot RQL, % Lot NQL, % 22.6 21.8 17.3 20.8	7.0 5.5 8.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Meanen: Number of Non-Conforming Sublots: Std. Dev. Corraction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In	6.3	7.0 7 6.557 Yes nnt Mean is be 0 0.9594 0.28134 99.714% Sublet 2 18.3 16.7 12.6 12.2 15.0 28 18.971	6.7 stween RQL 23.1 22.7 18.5 14.9 19.8	6.5 <pre> <pre> </pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	6.7 a a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.9 b b b c 20.9 b c 20.9 c	6.5 Sublot 6 16 20.8 16.1 20.2	6.2 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.6 21.8 17.3 21.3 21.3 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, In/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean:	6.3	7.0 7.0 7 6.557 Yes 0 0.9594 0.28134 99.714% Subiot 2 18.3 16.7 12.2 15.0 28 18.971 Yes	6.7 stween RQL 23.1 22.7 18.5 14.9 19.8	6.5 <pre> <pre> </pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	6.7 a a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.9 b b b c 20.9 b c 20.9 c	6.5 Sublot 6 16 20.8 16.1 20.2	6.2 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.6 21.8 17.3 21.3 21.3 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Profile Index - Run 4, In/mi Sublot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; In/mi Notes on Lot Profile Index Mean; Number of Non-Conforming Sublots:	6.3	7.0 7 6.557 Yes 0 0.9594 0.28134 99.714% 99.714% 18.3 16.7 12.6 12.2 15.0 28 18.971 Yes dex Mean is be	6.7 stween RQL 23.1 22.7 18.5 14.9 19.8	6.5 <pre> <pre> </pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	6.7 a a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.9 b b b c 20.9 b c 20.9 c	6.5 Sublot 6 16 20.8 16.1 20.2	6.2 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.6 21.8 17.3 21.3 21.3 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Profile Index Mean, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Pay Factor: Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: Profile Index Pay Factor	6.3	7.0 7 6.557 Yes 0 0.3594 0.28134 99.714% 99.714% 18.3 16.7 12.6 12.2 15.0 28 18.971 Yes dex Mean is b 0 0.9896 3.41204 105.271%	6.7 stween RQL 23.1 22.7 18.5 14.9 19.8	6.5 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 20.8 25 10.5 22.9 21.3 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c fo<="" td=""><td>6.7 a a Sublet 5 22.5 20.5 20.5 20.5 20.3 20.9 a a</td><td>6.5 Sublot 6 16 20.8 16.1 20.2 18.3</td><td>6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot AQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td></td><td></td><td>Sublot 11</td></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.7 a a Sublet 5 22.5 20.5 20.5 20.5 20.3 20.9 a a	6.5 Sublot 6 16 20.8 16.1 20.2 18.3	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Subiot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected?	6.3	7.0 7.0 7 9 9 9 0.9594 0.28134 9 9.714% 9 9.714% 9 9.714% 18.3 16.7 12.2 18.3 16.7 12.2 15.0 28 18.971 Yes	6.7 stween RQL 23.1 22.7 18.5 14.9 19.8 setween RQL	6.5 Sublot 4 Sublot 4 20.8 25 16.5 22.9 21.3 <a formulation="" of="" second="" second<="" td="" the=""><td>6.7 a b Sublot 5 22.5 20.5 20.5 20.5 20.5 20.3 20.9 a a</td><td>6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi</td><td>6.2 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.6 21.8 21.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td>	6.7 a b Sublot 5 22.5 20.5 20.5 20.5 20.5 20.3 20.9 a a	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi	6.2 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.6 21.8 21.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, in/mi Profile Index - Run 4, in/mi Subiot Profile Index. Run 4, in/mi Subiot Profile Index. Run 4, in/mi Subiot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Profile Index Mean; in/mi Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Mean? Acceptable? All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds	6.3	7.0 7 6.557 Yes 0 0.3594 0.28134 99.714% 99.714% 18.3 16.7 12.6 12.2 15.0 28 18.971 Yes 0 0.9996 3.41204 105.271% Yes Subiot 2	6.7 Sublot 3 23.1 22.7 18.5 14.9 19.8 Petween RQL Sublot 3	6.5 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.3 20.9 a a b b b c Sublot 5	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean. (m) Lot Profile Index Mean. (m) Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean. (m) Profile Index Mean. (m) Profile Index Mean. (m) Profile Index Mean. (m) Resulting Samples per lot (n) Lot Profile Index Mean. (m) Resulting Samples per lot (n) Lot Profile Index Mean. (m) Rumber of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., (m) Profile Index Std. Dev., (m) Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Non Sidered for PRS, sq yds	6.3	7.0 7.0 7.0 7.0 0.557 Yes ont Mean is be 0 0.9594 0.28134 99.714% Sublot 2 18.3 16.7 12.6 12.2 15.0 28 18.971 Yes dex Mean is be 0 0.9594 12.6 12.2 15.0 28 18.971 Yes 3.41204 10.5271% Yes Sublot 2 140800	6.7 stween RQL 23.1 22.7 18.5 14.9 19.8 setween RQL	6.5 Sublot 4 Sublot 4 20.8 25 16.5 22.9 21.3 <a formulation="" of="" second="" second<="" td="" the=""><td>6.7 a b Sublot 5 22.5 20.5 20.5 20.5 20.5 20.3 20.9 a a</td><td>6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi</td><td>6.2 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.6 21.8 21.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td>	6.7 a b Sublot 5 22.5 20.5 20.5 20.5 20.5 20.3 20.9 a a	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi	6.2 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.6 21.8 21.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, In/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xel. Dev., In/mi Profile Index Set. Dev., In/mi Profile Index Add. Dev., In/mi Profile Index Add. Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds	6.3	7.0 7.0 7.0 7.0 7.0 9.0 9.0 0.0 0.0 0.0 0.0 0.0 0	6.7 Sublot 3 23.1 22.7 18.5 14.9 19.8 Petween RQL Sublot 3	6.5 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.3 20.9 a a b b b c Sublot 5	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean. (m) Lot Profile Index Mean. (m) Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean. (m) Profile Index Mean. (m) Profile Index Mean. (m) Profile Index Mean. (m) Resulting Samples per lot (n) Lot Profile Index Mean. (m) Resulting Samples per lot (n) Lot Profile Index Mean. (m) Rumber of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., (m) Profile Index Std. Dev., (m) Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Non Sidered for PRS, sq yds	6.3	7.0 7.0 7.0 7.0 0.557 Yes ont Mean is be 0 0.9594 0.28134 99.714% Sublot 2 18.3 16.7 12.6 12.2 15.0 28 18.971 Yes dex Mean is be 0 0.9594 12.6 12.2 15.0 28 18.971 Yes 3.41204 10.5271% Yes Sublot 2 140800	6.7 stween RQL 3 23.1 22.7 18.5 14.9 19.8 between RQL Sublot 3	6.5 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.3 20.9 a a b b b c Sublot 5	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, in/mi Profile Index - Run 3, in/mi Profile Index - Run 3, in/mi Subiot Profile Index, In/m Formulas> Resulting Samples per lot (n) Lot Profile Index Mean a, in/mi Lot Profile Index Mean; in/mi Lot Profile Index Sub. Dev., in/mi Profile Index Mean Acceptable? Notes on Lot Profile Index Sub. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds Pf Stricngth Pf Air Content	6.3	7.0 7.0 7 6.557 Yes 0 0.9594 0.28134 99.714% 99.714% 18.3 16.7 12.8 18.3 16.7 12.2 15.0 28 18.3 16.7 12.2 15.0 28 18.3 16.7 12.2 15.0 28 18.3 16.7 12.2 15.0 28 18.3 16.7 12.2 15.0 28 10.9996 3.41204 10.9996 3.41204 10.5271% Yes Sublot 2 1408.00 10.67% 10.09% 99.71%	6.7 stween RQL 3 23.1 22.7 18.5 14.9 19.8 between RQL Sublot 3	6.5 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.3 20.9 a a b b b c Sublot 5	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Std. Dev., In/mi Profi	6.3	7.0 7.0 7 6.557 Yes ont Mean is be 0 0.9594 0.28134 99.714% 99.714% Sublot 2 18.37 12.6 12.2 18.3 16.7 12.6 12.2 15.0 28 18.971 Yes dex Mean is be 0 .9896 3.41204 105.271% Yes Sublot 2	6.7 stween RQL 3 23.1 22.7 18.5 14.9 19.8 between RQL Sublot 3	6.5 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.3 20.9 a a b b b c Sublot 5	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean; N/mi Lot Profile Index Mean; N/mi Lot Profile Index Mean; N/mi Profile Index Sd. Dev., In/mi Profile Index Sd. Dev., In/mi Profile Index Sd. Dev., In/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Trickness PF Strength PF Air Content PF Strength PF Air Content PF Smoothness PF Composite	6.3 Lot Air Conte Sublot 1 10.0 15.2 16.9 Lot Profile In Sublot 1 1408.00	7.0 7.0 7 6.557 Yes ont Mean is be 0 0.9594 0.28134 99.714% Subiot 2 18.3 16.7 12.2 15.0 28 12.2 15.0 28 10.9796 0.9896 0.9977 0.000 0.9896 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000 0.00000000	6.7 Sublot 3 23.1 22.7 14.9 19.8 between RQL between RQL 14.9 19.8 14.9 19.8 14.9 19.8 14.9 19.8 14.9 19.8 14.9 19.8 1	6.5 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.3 20.9 a a b b b c Sublot 5	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, In/mi Lot Profile Index Mean; N/mi Lot Profile Index Mean; N/mi Lot Profile Index Mean; N/mi Lot Profile Index Xel. Dev., In/mi Profile Index Sub. Dev., In/mi Profile Index Conscion Factor Lot Profile Index Sub. Dev., In/mi Profile	6.3 Lot Air Conte Sublot 1 Sublot	7.0 7.0 7 6.557 Yes 0 0.9594 0.28134 99.714% 99.714% Sublot 2 18.3 16.7 12.2 15.0 28 18.971 Yes 0 0.9896 0 0.9896 0 0.9896 0 0.9896 100.97% 100.97% 105.27% 106.77% 26,27% 106.77% 26,27% 106.77% 26,27% 106.77% 26,27% 106.77% 26,27% 106.77% 26,27% 106.77% 26,27% 106.77% 26,27% 106.77% 107.77	6.7 sublot 3 23.1 22.7 18.5 14.9 19.8 setween RQL sublot 3 1408.00	6.5 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.3 20.9 a a b Sublot 5	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Profile Index Sub. Dev., In/mi Profile Index Su	6.3 Lot Air Conte Sublot 1 Sublot	7.0 7.0 7 6.557 Yes ont Mean is be 0 0.9594 0.28134 99.714% Subiot 2 18.3 16.7 12.2 15.0 28 12.2 15.0 28 10.9796 0.9896 0.9977 0.000 0.9896 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000 0.00000000	6.7 sublot 3 23.1 22.7 18.5 14.9 19.8 setween RQL sublot 3 1408.00	6.5 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 22.5 20.5 20.1 20.3 20.3 20.3 20.9 a a b Sublot 5	6.5 Sublot 6 16 20.8 16.1 20.2 18.3 Ma Mi Sublot 6	6.2 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.6 21.8 17.3 20.8 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	WB9	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59		_	Begin Statio			408+00.0		_		
Lot Length, mi	1.4	<< Formula		End Station			479+99.0		<< Formul	a	
Lot Width, feet Lot lane-mi	12	<< Formula	-	Number of Number of			7				
Resulting Lot Area, sq yds	9598.00	<< Formula		Paving Date			April 20, 21				
*Minimum Number of Sublots = 4, Maxim	ium Number o	f Sublots = 8,	except in sp	ecial cases	(e.g. last day	paving or w	nen possibility o	f lot naving	less than 4 s		
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9598.00	1408.00	1408.00	1408.00	1408.00	1408.00	1150.00			I	
THICKNESS											
Thickness - Probe 1, in	13.00	12.75	12.50	12.50	12.50	12.75	13.00		1	1	
Thickness - Probe 2, in	12.50	12.50	12.50	12.50	12.50	12.50	13.00				
Thickness - Probe 3, in	12.75	12.50	12.50	12.50	12.50	12.50	12.75				
Thickness - Probe 4, in Thickness - Probe 5, in	12.50 12.75	12.75 12.50	12.75 12.75	12.50 12.50	12.75 12.50	12.75 12.75	12.50 12.50				
Thickness - Probe 6, in	12.50	12.75	12.50	12.50	12.50	12.50	12.75				
Thickness - Probe 7, in	12.50	12.50	12.50	12.50	12.50	12.75					
Thickness - Probe 8, in Sublot Thickness, in Formula >>	12.75 12.66	12.50 12.59	12.50 12.56	12.50 12.50	12.50 12.53	12.50 12.63	12.75				
Subjot Thickness, in Pointia 32	12.00	12.39	12.50	12.50	12.55	12.03	12.75				
Resulting Samples per lot (n)		54		<< Formul			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.597		<< Formul	a		Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?	L	Yes		l			Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9951									
Lot Thickness Std. Dev., in	L	0.14977	_	<< Formula	3						
Thickness Pay Factor:		100.285%			_					_	
<u>STRENGTH</u>	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5670	5740	5260	5330	6030	5810	5810				
Strength - Cylinder 2, psi Sublot Strength, psi Formula>>	5730 5700	5450 5595	5300 5280	4320 4825	5880 5955	5590 5700	5850 5830				
	0.00	0000	0200	4020	0000	0.00	0000		i		
Resulting Samples per lot (n)		7		<< Formul			Lot AQL, psi	4,500			
Lot Strength Mean, in		5555.000		<< Formul	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?	Lot Strength	Yes Mean is great	er than MQL	- Use MQL 1	for Lot		Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Strength Mea										
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594									
Lot Strength Std. Dev., in		400.94263		<< Formula	•						
Strength Pay Factor:		100.921%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.3	Sublot 2 6.6	Sublot 3 6.4	Sublot 4 6.3	Sublot 5 6.3	Sublot 6 7.1	Sublot 7 6.6	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	-	6.6		6.3	6.3		6.6		Sublot 9	Sublot 10	Sublot 11
	-				6.3 a			Sublot 8 7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)	-	6.6 7		6.3	6.3 a		6.6 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	6.3	6.6 7 6.514	6.4	6.3	6.3 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.3	6.6 7 6.514 Yes	6.4	6.3	6.3 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.3	6.6 7 6.514 Yes ent Mean is be	6.4	6.3	6.3 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.3	6.6 7 6.514 Yes ent Mean is be 0	6.4	6.3	6.3 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.3	6.6 7 6.514 Yes ent Mean is be 0 0.9594	6.4	6.3 <	6.3 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.3	6.6 7 6.514 Yes ent Mean is be 0 0.9594 0.30346	6.4	6.3 <	6.3 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., %	6.3	6.6 7 6.514 Yes ent Mean is be 0 0.9594 0.30346 99.680%	6.4 tween RQL	6.3 «« Formul and MQL «« Formul	6.3 a	7.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.3	6.6 7 6.514 Yes ent Mean is be 0 0.9594 0.30346 99.680% Sublot 2	6.4 tween RQL Sublot 3	6.3 Sublot 4	6.3 a a Sublot 5	7.1 Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5	Sublot 9	Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., %	6.3	6.6 7 6.514 Yes ent Mean is be 0 0.9594 0.30346 99.680%	6.4 tween RQL	6.3 «« Formul and MQL «« Formul	6.3 a	7.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 5, In/mi Profile Index - Run 5, In/mi	6.3	6.6 7 6.514 Yes ont Mean is be 0 0.9594 0.30346 99.680% Sublot 2 19.6 22.2 17.6	6.4 tween RQL Sublot 3 24.8 19.2 23.6	6.3 <pre><c <="" formul="" pre=""> <pre>c Formul </pre> <pre>sublot 4 23 21.9 19.3 </pre></c></pre>	6.3 Sublot 5 16.9 21.6 13.3	7.1 Sublot 6 21.9 21.2 21.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.3	6.6 7 6.514 Yes mt Mean is be 0 0.9594 0.30346 0.30346 99.680% Sublot 2 19.6 22.2 17.6 20.6	6.4 tween RQL 24.8 19.2 23.6 16.7	6.3 cc Formul cc Formul and MQL Sublot 4 23 21.9 19.3 20	6.3 Subiot 5 16.9 21.6 13.3 18.2	7.1 Sublot 6 21.9 21.2 21.1 16.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7	7.0 5.5 8.5			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile In	6.3	6.6 7 6.514 Yes nnt Mean is be 0 0.9594 0.30346 99.680% Subiot 2 19.6 22.2 17.6 20.0 20.0 28 19.653	6.4 tween RQL 24.8 19.2 23.6 16.7	6.3 Formul Formul Sublot 4 21.9 19.3 20 21.1	6.3 a b Sublet 5 16.9 21.6 13.3 18.2 17.5 a	7.1 Sublot 6 21.9 21.2 21.1 16.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 18.7 18.9 Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean Acceptable?	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 20.6 20.6 20.6 20.0 20.6 20.0	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 <pre><< Formul and MQL </pre> <pre></pre> <pre>Sublot 4 23 21.9 19.3 20 21.1 </pre> <pre><< Formul </pre> <pre></pre> <pr< td=""><td>6.3 a b Sublet 5 16.9 21.6 13.3 18.2 17.5 a</td><td>7.1 Sublot 6 21.9 21.2 21.1 16.1</td><td>6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8</td><td></td><td></td><td></td></pr<>	6.3 a b Sublet 5 16.9 21.6 13.3 18.2 17.5 a	7.1 Sublot 6 21.9 21.2 21.1 16.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, in/m Fermula >> Resulting Samples per lot (n) Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean:	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 20.6 20.6 20.6 20.6 20.0 19.653 20.0 28 19.653 Yes	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 <pre><< Formul and MQL </pre> <pre></pre> <pre>Sublot 4 23 21.9 19.3 20 21.1 </pre> <pre><< Formul </pre> <pre></pre> <pr< td=""><td>6.3 a b Sublet 5 16.9 21.6 13.3 18.2 17.5 a</td><td>7.1 Sublot 6 21.9 21.2 21.1 16.1</td><td>6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 18.9 Lot AQL, in/mi Lot AQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0</td><td></td><td></td><td></td></pr<>	6.3 a b Sublet 5 16.9 21.6 13.3 18.2 17.5 a	7.1 Sublot 6 21.9 21.2 21.1 16.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 18.9 Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 <c formula<br=""><c formula<br=""><</c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5	7.1 Sublot 6 21.9 21.2 21.1 16.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 18.9 Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Pay Factor:	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 <c formula<br=""><c formula<br=""><</c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5	7.1 Sublot 6 21.9 21.2 21.1 16.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 18.9 Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, In/mi Sublot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev, wimi RESULTS	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 22.2 17.6 20.0 22.2 17.6 20.0 20.0 28 19.653 Yes dex Mean is b 0 0.9896 2.84044 105.067%	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 <c formula<br=""><c formula<br=""><</c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5	7.1 Sublot 6 21.9 21.2 21.1 16.1 20.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Pay Factor:	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 Sublot 4 Control MQL <pcontrol mql<="" p=""> <pcontrol mql<="" p=""> <pcontrol mql<="" p=""> Control MQL</pcontrol></pcontrol></pcontrol>	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, ne Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Subiot Profile Index Mean, in/mi Lot Profile Index Mean; In/mi Subiot Profile Index Mean; Norma Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., I	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 22.2 17.6 20.0 22.2 17.6 20.0 20.0 28 19.653 Yes dex Mean is b 0 0.9896 2.84044 105.067%	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 <c formula<br=""><c formula<br=""><</c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5	7.1 Sublet 6 21.9 21.2 21.1 21.1 20.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi P	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 20.6 20.0 20.6 20.0 20.6 20.0 20.6 20.0 20.6 20.0 20.6 20.0 20.0	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 Sublot 4 Control of the second secon	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, nc Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Subiot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 20.6 20.0 20.6 20.0 20.6 20.0 20.6 20.0 20.6 20.0 20.6 20.0 20.0	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1	6.3 Sublot 4 Control of the second secon	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, In/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xel. Dev., In/mi Profile Index Xel. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1 etween RQL sublot 3	6.3 Sublot 4 Sublot 4 Control of the second sec	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a Sublot 5	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Content Pay Factor: Resulting Samples per lot (n) Lot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Profile Index - Run 3, In/mi Profile Index Mean; in/mi Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Profile Index Std. Dev., firmi Profile Index Std. Dev., in/mi Profile Index Std. Dev., firmi Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds Area Not Considered for PRS, sq yds A	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 22.2 17.6 20.0 22.2 17.6 20.0 22.2 17.6 20.0 20.0 28 19.63 20.0 28 49.653 Yes dex Mean is be 0 0.9896 2.84044 105.067% Yes Subiot 2 1408.00 9558.00 9558.00 100.29%	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1 etween RQL sublot 3	6.3 Sublot 4 Sublot 4 Control of the second sec	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a Sublot 5	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Drofile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% Subiot 2 19.6 22.2 19.6 20.6 20.0 20.6 20.0 28 19.65 22.2 19.65 22.2 19.65 22.0 20.0 28 19.65 20.0 20.0 28 19.65 20.0 20.0 28 19.65 20.0 20.0 28 19.65 20.0 20.0 28 29.64 20.0 20.0 28 29.64 20.0 20.0 28 29.64 20.0 20.0 28 20.0 28 20.0 28 20.0 28 20.0 28 20.0 20.0	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1 etween RQL sublot 3	6.3 Sublot 4 Sublot 4 Control of the second sec	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a Sublot 5	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index St	6.3	6.6 7 6.514 Yes 0 0.9594 0.30346 99.680% 22.2 17.6 20.0 22.2 17.6 20.0 22.2 17.6 20.0 20.0 28 19.63 20.0 28 49.653 Yes dex Mean is be 0 0.9896 2.84044 105.067% Yes Subiot 2 1408.00 9558.00 9558.00 100.29%	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1 etween RQL sublot 3	6.3 Sublot 4 Sublot 4 Control of the second sec	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a Sublot 5	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean.: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xel. Dev., in/mi Profile Index Yest Adv. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds Pf Total Area Pf Thickness Pf Strength Pf Ar Content Pf Strength Pf Ar	6.3 Lot Air Conte Sublot 1 21.7 15.3 18.4 16.3 17.9 Lot Profile In Sublot 1 1408.00	6.6 7 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 22.2 19.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20	6.4 tween RQL 24.8 19.2 23.6 16.7 21.1 etween RQL sublot 3 1408.00	6.3 Sublot 4 Sublot 4 Control of the second sec	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a Sublot 5	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds F Thickness PF Strength PF Strength PF Strength PF Strength Pf Strength Bid (Lot)	6.3 Lot Air Conte Sublot 1 Sublot	6.6 7 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 22.2 17.6 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	6.4 tween RQL tween RQL 24.8 19.2 23.6 16.7 21.1 thetween RQL 21.1 thetween RQL 23.6 1408.00	6.3 Sublot 4 Sublot 4 Control of the second sec	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a Sublot 5	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean.: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index XII. Dev. (In/mi Profile Index Sub. Dev., In/mi Profile Index Sub. Dev., In/mi Profile Index Sub. Dev., In/mi Profile Index Teator: RESULTS AII Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content PF Strength PF Are Double	6.3 Lot Air Conte Sublot 1 Sublot	6.6 7 7 6.514 Yes 0 0.9594 0.30346 99.680% 99.680% 22.2 19.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20	6.4 tween RQL tween RQL 24.8 19.2 23.6 16.7 21.1 thetween RQL 21.1 thetween RQL 23.6 1408.00	6.3 Sublot 4 Sublot 4 Control of the second sec	6.3 Sublot 5 16.9 21.6 13.3 18.2 17.5 a a Sublot 5	7.1 Sublot 6 21.9 21.2 21.1 16.1 16.1 20.1 Ma Mi Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 22.8 21.48 16.8 18.7 19.9 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	EB1	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio	on		591+54.0			_	
Lot Length, mi	0.7	<< Formula		End Station			628+50.0		<< Formul	a	
Lot Width, feet Lot lane-mi	24	<< Formula		Number of			2				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date			May 17, 18				
		•									
*Minimum Number of Sublots = 4, Maxim	um Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	ess than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
THICKNESS											
Thickness - Probe 1, in	13.00	12.50	13.25	12.38	12.25	12.50	12.75				
Thickness - Probe 2, in	12.25	13.13	13.25	12.25	12.50	12.63	12.75				
Thickness - Probe 3, in	12.75	13.13	12.50	12.75	12.50	12.63	13.00				
Thickness - Probe 4, in Thickness - Probe 5, in	12.50	13.50 12.88	12.38 12.75	12.25 12.63	12.38 12.50	12.38	12.50 12.25				
Thickness - Probe 6, in	13.13 13.25	12.86	12.73	12.63	12.30	12.75 12.75	12.25				
Thickness - Probe 7, in	13.25	12.50	12.50	13.00	12.75	12.25	12.25				
Thickness - Probe 8, in	12.75	13.00	12.75	12.50	13.00	12.63	12.75				
Sublot Thickness, in Formula >>	12.86	12.92	12.75	12.55	12.58	12.57	12.63				
Resulting Samples per lot (n)		56		<< Formul			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.693		<< Formut	<u>, </u>		Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?		Yes					Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9952									
Lot Thickness Std. Dev., in		0.30946		<< Formut	1						
Thickness Pay Factor:		100.517%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5640	5340	5200	3920	4300	4670	5590				
Strength - Cylinder 2, psi	5230	5200	4940	4110	3970	5110	5740				
Sublot Strength, psi Formula >>	5435	5270	5070	4015	4135	4890	5665				
Resulting Samples per lot (n)		7		<< Formul			Lot AQL, psi	4,500			
Lot Strength Mean, in		4925.714		<< Formul	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL and	MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		l							
Lot Strength Std. Dev., in		659.38072		<< Formula							
Strength Pay Factor:		100.336%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.3	Sublot 2 6.8	Sublot 3	Sublot 4 7.0	Sublot 5 7.0	Sublot 6 6.6	Sublot 7 6.6	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %								Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)		6.8 7		7.0	7.0 a		6.6 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in		6.8 7 6.757		7.0	7.0 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.3	6.8 7 6.757 Yes	7.0	7.0	7.0 a		6.6 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.3	6.8 7 6.757 Yes ent Mean is be	7.0	7.0	7.0		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.3	6.8 7 6.757 Yes ent Mean is be	7.0	7.0	7.0		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.3	6.8 7 6.757 Yes ent Mean is be 0 0.9594	7.0	7.0 <	7.0 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.3	6.8 7 6.757 Yes ent Mean is be 0 0.9594 0.28134	7.0	7.0	7.0 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.3	6.8 7 6.757 Yes ent Mean is be 0 0.9594	7.0	7.0 <	7.0 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.3	6.8 7 6.757 Yes ent Mean is be 0 0.9594 0.28134	7.0	7.0 <	7.0 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.3	6.8 7 6.757 Yes ent Mean is be 0 0.9594 0.28134	7.0	7.0 <	7.0 a		6.6 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9 Sublot 9	Sublot 10	
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Contorn Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Ann 4, In/mi Content Pay Factor: Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Subator ONon-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile	6.3	6.8 7 6.757 Yes ant Mean is be 0 0.9594 0.28134 99.857% 225.4 24.5 225.4 24.5 225.1 24.5 22.5 1 24.5 24.5 24.5 25.1 24.5 24.5 21.761 Yes 0 0.9996 0.331130 104.239%	7.0 stween RQL a 24.9 23.1 28.4 24.2 25.1	7.0 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 22 24.0 <c formul<br="">cc Formul and MQL <c formul<="" td=""><td>7.0 Sublet 5 16.9 16.3 18.4 16.7 17.1 a</td><td>6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6</td><td>6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot MQL, in/mi x PF Composite</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td></td><td></td><td>Sublot 11</td></c></c></c></c></c>	7.0 Sublet 5 16.9 16.3 18.4 16.7 17.1 a	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot MQL, in/mi x PF Composite	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean 4, In/mi Profile Index Mean 4, In/mi Lot Profile Index Mean 4, In/mi Lot Profile Index Mean 4, In/mi Lot Profile Index Mean 4, In/mi Profile Index Mean 4, In/mi Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean 4, In/mi Profile Index Mean, in/mi Lot Profile Index Mean 4, In/mi Profile Index Mean 4, In/mi Profile Index Mean 4, In/mi Lot Profile Index Mean 4, In/mi Result Bay Factors Determined? Rejected?	6.3	6.8 7 6.757 Yes ent Mean is be 0 0.9594 0.28134 99.857% 99.857% Sublot 2 25.4 24.5 22.5 24.5 22.5 24.5 24.5 24.	7.0 stween RQL a 24.9 23.1 28.4 24 25.1 between RQL	7.0 7.0 Sublot 4 22 24 22.8 22.8 22.7.1 24.0 <c> Formul <c> Formul <c> Growthere is a straight of the straight of th</c></c></c>	7.0 Sublot 5 16.9 16.3 16.3 16.7 17.1 a a	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Mia	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Contorn Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Ann 4, In/mi Content Pay Factor: Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Subator ONon-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile	6.3	6.8 7 6.757 Yes ent Mean is be 0 0.9594 0.28134 99.857% 99.857% Sublot 2 25.4 24.5 22.5 24.5 22.5 24.5 24.5 24.	7.0 stween RQL a 24.9 23.1 28.4 24 25.1 between RQL	7.0 7.0 Sublot 4 22 24 22.8 22.8 22.7.1 24.0 <c> Formul <c> Formul <c> Growthere is a straight of the straight of th</c></c></c>	7.0 Sublot 5 16.9 16.3 16.3 16.7 17.1 a a	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Mia	6.6 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xel. Dev., In/mi Profile Index Xel. Dev., In/mi Profile Index Sel. Dev., In/mi Profile Index Sel. Dev., In/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds	6.3	6.8 7 6.757 Ye5 ont Mean is be 0 0.9594 0.28134 99.857% Subiot 2 25.4 24.5 26.4 24.5 26.1 24.5 28 21.761 Yes 0 0.9896 0 0.9896 0 0.9896 0 1408.00 9856.00	7.0 stween RQL a 24.9 23.1 28.4 24.2 25.1 between RQL 5.1 between RQL 5.1	7.0	7.0 Sublot 5 16.9 16.3 18.4 16.7 17.1 a a Sublot 5	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Min Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Contont Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Ann 4, In/mi Content Pay Factor: Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index	6.3	6.8 7 6.757 7es 7es 90.9594 0.28134 99.857% Sublot 2 25.4 24.5 22.8 25.1 24.5 22.8 21.761 Yes 28 21.761 Yes 0 0.9896 3.31130 104.239% Yes Sublot 2 1408.00 9856.00	7.0 stween RQL a 24.9 23.1 28.4 24.2 25.1 between RQL 5.1 between RQL 5.1	7.0	7.0 Sublot 5 16.9 16.3 18.4 16.7 17.1 a a Sublot 5	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Min Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean An/mi Lot Profile Index Mean An/mi Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile	6.3	6.8 7 6.757 Yes ont Mean is be 0 0.3594 0.28134 99.857% Sublot 2 25.4 24.5 28 27.761 Yes 3.31130 104.239% Yes Sublot 2 1.761 Yes 3.31130 104.239%	7.0 stween RQL a 24.9 23.1 28.4 24.2 25.1 between RQL 5.1 between RQL 5.1	7.0	7.0 Sublot 5 16.9 16.3 18.4 16.7 17.1 a a Sublot 5	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Min Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Prof	6.3	6.8 7 6.757 Yes 91 Mean is be 0 0.9594 0.28134 99.857% Sublot 2 25.4 24.5 22.8 25.1 24.5 22.8 21.761 Yes 21.761 Yes 3.31130 10.4239% Yes Sublot 2 1408.00 99856.00 100.52%	7.0 stween RQL a 24.9 23.1 28.4 24.2 25.1 between RQL 5.1 between RQL 5.1	7.0	7.0 Sublot 5 16.9 16.3 18.4 16.7 17.1 a a Sublot 5	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Min Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Trickness PF Strength PF Air Content PF Sengoth	6.3	6.8 7 6.757 9 6.757 6.757 9 0.0594 0.28134 99.857% 99.857% Subiot 2 25.1 24.5 28 21.761 Yes 0 0.9896 0.0986 0.00 0.00 0.02886 0.00 0.02886 0.01 0.02886 0.0286 0.0	7.0 stween RQL a stween RQL a 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 25.1 25.	7.0	7.0 Sublot 5 16.9 16.3 18.4 16.7 17.1 a a Sublot 5	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Min Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Profile Index Std. Dev., in/mi Profile In	6.3	6.8 7 6.757 Yes 91 Mean is be 0 0.9594 0.28134 99.857% Sublot 2 25.4 24.5 22.8 25.1 24.5 22.8 21.761 Yes 21.761 Yes 3.31130 10.4239% Yes Sublot 2 1408.00 99856.00 100.52%	7.0 stween RQL a stween RQL a 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 23.1 24.9 25.1 25.	7.0	7.0 Sublot 5 16.9 16.3 18.4 16.7 17.1 a a Sublot 5	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Min Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean. :Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xed. Dev., In/mi Profile Index Sed. Dev., In/mi Profile Inde	6.3	6.8 7 6.757 9 6.757 6.757 9 0.0594 0.28134 99.857% 99.857% Subiot 2 25.1 24.5 28 21.761 Yes 0 0.9896 0.0986 0.00 0.00 0.02886 0.00 0.02886 0.01 0.02886 0.0286 0.0	7.0 5.00000 3 24.9 23.1 28.4 24.2 25.1 25.1 26.0 24.2 24.2 25.1 26.0 21.0 24.9 23.1 28.4 24.9 23.1 28.4 24.9 24.9 23.1 28.4 24.9 24	7.0	7.0 Sublot 5 16.9 16.3 18.4 16.7 17.1 a a Sublot 5	6.6 Sublot 6 20.3 18.6 19.2 20.4 19.6 30.4 19.6 Ma Min Sublot 6	6.6 Lot AQL, % Lot RQL, % Lot MQL, % 18 17.1 20.6 20.4 19.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

Subject Area, sq yds Subject 2 Subject 3 Subject 4 Subject 4 Subject 5 Subject 6 Subject 7	
bid Price, \$isq yd 26:59 Begin Station 554-63.0 Lot Langh, mi 24 <formata< td=""> Number of Subiots 591+54.0 Lot Width, feet 24 <formata< td=""> Number of Subiots 7 Resulting Lot Area, sq yds 9856.00 Number of Subiots 7 **Minimum Number of Subiots = 4, Maximum Number of Subiots = 8, except in special cases (e.g. last day paving or when possibility of lot having less than 4 subiots) * subiot Area, sq yds formata Subiot 1 Subiot 2 Subiot 3 Subiot 4 Subiot 6 Subiot 7 Subiot 8 Subiot 9 Subiot 10 Subiot 9 Subiot Area, sq yds formata> 1408.00 1408.</formata<></formata<>	
Subort Service Subort Service Subort Service Subort Service Lot Width, feet 24 Constraints 2 Lot ane-mi 24 Constraints 2 Lot lane-mi 1.40 Constraints 7 Resulting Lot Area, sq yds 9856.00 Ymmber of Sublots 7 Withing Lot Area, sq yds Sublot 1 Sublot 2 Sublot 1 Sublot 3 Sublot 5 Sublot 7 Sublot 8 Sublot 10 Sublot 10 Sublot Area, sq yds Fermatics 1408.00 1225 <	
Lot lane-mi Resulting Lot Area, sq yds 1.40 9858.00 < 7 may 18, 30, 31 **Inimum Number of Sublots = 4, Maximum Number of Sublots = 8, except in special cases (e.g. last day paving or when possibility of lot having less than 4 sublots) * **Unimum Number of Sublots = 4, Maximum Number of Sublots = 8, except in special cases (e.g. last day paving or when possibility of lot having less than 4 sublots) * Sublot Area, sq yds * Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 7 Sublot 8 Sublot 9 Sublot 10 Sublot 9 Thickness - Probe 1, in 13.00 12.50 12.50 12.50 12.25 <	
Subict Area, sq yds 9856.00 << Formals Paving Date(s) May 18, 30, 31 **Minimum Number of Sublots = 4, Maximum Number of Sublot 1 Sublot 1 Sublot 2 Sublot 1 Sublot 2 Sublot 3 Sublot 5 Sublot 7 Sublot 7 Sublot 7 Sublot 1 Sublot 10 Sublot 10 </td	
Minimum Number of Sublots = 4, Maximum Number of Sublot s = 8, except in special cases (e.g. last day paving or when possibility of lot having less than 4 sublots) Sublot 1 Sublot 2 Sublot 3 Sublot 5 Sublot 7 Sublot 8 Sublot 7 Sublot 8 Sublot 10 Sublot 7 Sublot 8 Sublot 10 Sublot 12 Sublot 12 <th co<="" td=""></th>	
Sublot 1 Sublot 2 Sublot 3 Sublot 5 Sublot 5 Sublot 6 Sublot 7 Sublot 8 Sublot 9 Sublot 10 Sublot 9 Sublot Area, sq yds Formals >> 1408.00 12	
Subiot Area, sq yds Fermals >> 1408.00 12.50 12.50 12.50 12.50	
9856.00 101/0000000000000000000000000000000000	
THICKNESS Thickness - Probe 1, in 13.00 12.50 12.25	
Thickness - Probe 1, in 13.00 12.50 12.50 12.25 <th12.25< th=""> 12.25 12.25</th12.25<>	
Thickness - Probe 2, in 12.00 12.88 12.20 12.20 12.23 12.23 12.25 I Thickness - Probe 3, in 12.63 12.25 12.38 12.25 12.38 12.25 12.35 12.25 12.38 12.25 12.38 12.25 12.35 12.25 12.35 12.25 12.35 12.25 12.35 12.25 12.35 12.25 12.35 12.25 12.35 12.25 12.35 12.25 12.25 12.25 12.25 12.25 12.25	
Thickness - Probe 3, in 12.63 12.25 12.50 12.5	
Thickness - Probe 4, in Thickness - Probe 6, in 12.63 12.50 12.25 12.38 12.50 12.75 Image: Constraint of the state of the s	
Thickness - Probe 6, in 12.75 12.30 12.38 12.75 12.38 12.38 12.50 12.50 12.50 Thickness - Probe 7, in 12.50 12.25 12.28 12.25 13.00 12.20 12.25 12.50 12.51 12.42 12.38 12.42 12.38 12.42 12.38 12.42 12.38 12.42 12.38 12.42 12.38 12.42 12.38 12.42 12.38 12.42 12.38 12.42 12.38 12.42 12.42 12.42 12.42 12.42 12.42 12.42 12.42 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50	
School 7, in Thickness - Probe 8, in Subiot Thickness, in 12.50 12.25 13.00 12.50 12.25 13.00 12.50 12.50 12.50 Subiot Thickness, in Subiot Thickness, in Fermila> 12.64 12.28 12.63 12.63 12.63 12.64 12.38 12.63 12.64 12.38 12.63 12.64 12.38 12.63 12.64 12.39 12.64 12.39 12.63 12.64 12.39 12.63 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.39 12.64 12.64 12.56 12.64 12.56 12.64 12.56 12.64 12.56 12.64 12.56 12.64 12.56 12.64 12.56 12.64 12.56 12.64 12.56 12.64 12.5	
Thickness - Probe 8, in 12.50 12.50 12.50 12.50 12.50 12.50 12.50 Sublot Thickness, in Formula >> 12.71 12.64 12.38 12.39 12.63 12.42 12.38 I	
Sublot Thickness, in Formula 12.71 12.64 12.38 12.33 12.42 12.38 Resulting Samples per lot (n) 56 <	
Solution Solution Lot AQL, in 12.5 Lot Thickness Mean, in 12.506	
Lot Thickness Mean, in 12.506 <a> Control Inclusion Lot RQL, in 11.5	
Lot Thickness Mean Acceptable? Yes Lot MQL, in 13.0	
Notes on Lot Thickness Mean: Lot Thickness Mean is between RQL and MQL	
Number of Non-Conforming Sublets: 0	
Std. Dev. Correction Factor 0.9952	
Lot Thickness Std. Dev., in 0.24422 <	
Thickness Pay Factor: 100.002%	
STRENGTH Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot 7 Sublot 8 Sublot 9 Sublot 10 Sublot	
Strength - Cylinder 1, psi Stops - Stop Stops - Stops Stops - Stops - Stops Stops - St	
Strength - Cylinder 2, psi 5130 5100 4700 4910 4770 5630 5610	
Sublot Strength, psi Formula>> 5090 5185 4690 4825 4850 5630 5550	
Resulting Samples per lot (n) 7 < Formula Lot AOL, psi 4.500	
Resulting Samples per lot (n) 7 < Constraint Lot AQL, psi 4,500 Lot Strength Mean, in 5117.143 <	
Lot Strength Mean Acceptable? Yes Lot MQL, psi 5,500	
Notes on Lot Strength Mean: Lot Strength Mean is between RQL and MQL	
Number of Non-Conforming Sublots: 0	
Std. Dev. Correction Factor 0.9594	
Lot Strength Std. Dev., in <u>379.38395</u>	
Strength Pay Factor: 100.722%	
AIR CONTENT Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot 7 Sublot 8 Sublot 9 Sublot 10 Sub	
Sublot Air Content, % 6.5 6.5 6.7 6.7 6.0 6.0 6.0 6.0	
Resulting Samples per lot (n) 7 «Formula Lot AQL. % 7.0	
Resulting Samples per lot (n) 7 cc Formula Lot AQL,% 7.0 Lot Air Content Mean, in 6.343 cc Formula Lot RQL,% 5.5	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean is between RQL and MQL	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots:	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Std. Dev., % 0.34495	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Std. Dev., % 0.34495	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Std. Dev., % 0.34495 < Formula Air Content Pay Factor: 99.537%	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Std. Dev., % 0.34495	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Sid. Dev., % 0.34495 < Formula Air Content Pay Factor: 99.537% Smoothness Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot 7 Sublot 6 Sublot 9 Sublot 10 S	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Lot MQL, % 8.5 Number of Non-Conforming Sublots: 0	
Subject Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dav. Correction Factor 0.9594 Lot Air Content Mean Std. Dav., % 0.34495 Air Content Pay Factor: 99.537% Smoothness Subject 2 Profile Index - Run 2, In/mi 35.2 38.1 22.2 28 27.4 24.4 22.9 Subject 10 Subj	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Lot MQL, % 8.5 Number of Non-Conforming Sublots: 0	
Subject Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dav. Correction Factor 0.9594 Lot Air Content Mean Std. Dav., % 0.34495 Air Content Pay Factor: 99.537% Smoothness Subject 2 Profile Index - Run 2, In/mi 35.2 38.1 22.2 28 27.4 24.4 22.9 Subject 10 Subj	
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Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Subiots: 0 Std. Dev. Correction Factor 0.9594	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Pay Factor: 99.537% Smoothness Sublot 1 Sublot 2 Sublot 1 Sublot 2 Sublot 3 Sublot 5 Sublot 1 Sublot 2 Sublot 4 Sublot 5 Sublot 7 Smoothness Sublot 1 Sublot 2 Sublot 3 Sublot 5 Sublot 7 Smoothness Sublot 1 Sublot 2 Sublot 3 Sublot 5 Sublot 6 Sublot 7 Sublot 9 Sublot 10 Profile Index - Run 2, in/mi 19.9 21.8 25.6 22.4 23.6 22.4 24 24 24 22.9 10 10 Profile Index - Run 3, in/mi 19.3 27.9 25.8 24 22.4 23.6 22.4 10 10 10 10 10 10 10 10 10	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL 8.5 Number of Non-Conforming Sublots: 0	
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Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Subiots: 0 Std. Dev. Correction Factor 299.537% Smoothness Subiot 1 Subiot 2 Subiot 3 Subiot 4 Subiot 5 Subiot 6 Subiot 7 Subiot 8 Subiot 9 Subiot 10 Subiot Profile Index - Run 3, In/mi 19.9 21.8 25.6 25.1 22.2 28 27.4 24.4 22.9 Profile Index - Run 4, In/mi 19.9 21.8 25.6 25.1 22.2 28 27.4 24.4 22.9 Profile Index - Run 4, In/mi 19.9 21.8 25.6 25.1 22.2 28 27.4 24.4 22.9 Profile Index - Run 4, In/mi 19.9 21.8 25.6 25.1 22.2 28 27.4 24.4 22.9 Profile Index - Run 4, In/mi 19.9 21.8 25.6 25.1 22.2 28 27.4 24.4 22.9 Profile Index - Run 4, In/mi 19.9 21.8 25.6 25.1 22.2 28 27.4 24.4 22.9 Profile Index - Run 4, In/mi 20.5 29.2 33.4 22.2 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.6 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.5 23.6 24.0 20.4 Profile Index - Run 4, In/mi 20.5 29.2 33.4 25.5 23.6 24.0 20.4 Profile Index Mean Acceptable? Profile Index Mean Acceptable? Profile Index Mean Acceptable? Profile Index Mean Is between RQL and MQL Profile Index Stat. Dev. In/mi 10.2 0.9896 Profile Index Stat. Dev. In/mi 102.891% Profile Index Stat. Dev. In/mi Profile Index Stat. Dev. I	
Lot Air Content Mean Acceptable? Ves Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublets: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Pay Factor: 99.537% Smoothness sublet 1 Sublet 2 Sublet 3 Sublet 5 Sublet 7 Sublet 9 Sublet 19 Smoothness Sublet 1 Sublet 2 Sublet 3 Sublet 5 Sublet 7 Sublet 9 Sublet 19 Profile Index - Run 1, in/mi 35.2 38.1 22.2 20 27.4 22.9 Profile Index - Run 2, in/mi 19.9 21.8 25.6 23.1 22.2 15.3 Profile Index - Run 3, in/mi 20.5 22.0 23.4 22.4 Sublet Profile Index - Run 4, in/mi 20.5 20.2 23.6 22.4.0 20.4 Sublet Profile Index Mean, in/mi 20.5 20.2 23.6 24.0	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublets: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Sd. Dev., % 0.34495 <cccccccccccccccccccccccccccccccccccc< td=""></cccccccccccccccccccccccccccccccccccc<>	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Std. Dev., % 0.34495 exformate Air Content Pay Factor: 99.537% Smoothness Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot 7 Sublot 8 Sublot 9 Sublot 10 Sublot 10 Sublot 7 Formate Profile Index - Run 2, in/mi 19.9 21.8 25.6 25.1 22.3 22.4 15.3 4 10 4 10 10 Sublot 9 Sublot 10 Sublot	
Lot Air Content Mean Acceptable? Lot Air Content Mean: Lot Air Content Mean: Lot Air Content Mean: Lot Air Content Mean Number of Non-Conforming Sublots: 0 <t< td=""></t<>	
Lot Air Content Mean Acceptable? Ves Lot MQL, % 8.5 Notes on Lot Air Content Mean: Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublets: 0 Std. Dev. Correction Factor 0.9594 Lot Air Content Pay Factor: 99.537% Smoothness Sublet 1 Sublet 2 Sublet 3 Sublet 5 Sublet 7 Sublet 9 Sublet 9 Profile Index - Run 1, in/mi 35.2 38.1 22.2 28 27.4 22.3 22.4 <	
Lot Air Content Mean Acceptable? Lot Air Content Mean: Lot Air Content Mean: Lot Air Content Mean: Lot Air Content Mean Number of Non-Conforming Sublots: 0 <t< td=""></t<>	
Lot Air Content Mean Acceptable? Yes Lot MQL, % 8.5 Notes on Lot Air Content Mean is between RQL and MQL Number of Non-Conforming Sublots:	
Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Lot Air Content Std. Dev., % 0.35495 Lot Air Content Pay Factor: 99.537% Smoothness Smoothness Smoothness Smoothness Smoothness Smoothness Smoothness Smoothness Smoothness Smoothness Smoothness Sublet 1 Sublet 2 Sublet 3 Sublet 4 Sublet 5 Sublet 6 Sublet 8 Sublet 9 Sublet 10 Sublet	
Lot Air Content Mean Acceptable? Ves Lot MCL,% 8.5 Lot MCL	
Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Lot Air Content Std. Dev., % 0.9594 Lot Air Content Pay Factor: 99.537% Smoothness Smoothness Smoothness Smoothness Sublet 1 Sublet 2 Sublet 3 Sublet 4 Sublet 5 Sublet 6 Sublet 7 Sublet 8 Sublet 9 Sublet 10 Sublet 7 Profile Index. Run 3, In/mi 19.9 21.8 25.6 25.1 22.3 22.1 15.3 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	
Lot Air Content Wean Acceptable? Ves Lot Air Content Mean is between RQL and MQL Lot MOL, % 8.5 Lot Air Content Mean: Lot Air Content Pay Factor: 99.537% Smoothness Subort 1 Subort 2 Subort 2 Subort 1 Subort 2 Subort 1 Subort 2 Subort 2 Subort 1 Subort 2 Subort 1 Subort 2 Subort 2 Subort 1 Subort 2 Subort 2 Subort 2 Subort 2 Subort 1 Subort 2 Subort 2 Subort 1 Subort 2 Subort 2 Subort 2 Subort 3 Subort 2 Subort 2 Subort 3 Subort 4 Subort 2 Subort 3 Subort 4 Subort 2 Subort 3 Subort 4	
Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Lot Air Content Std. Dev., % 0.9594 Lot Air Content Pay Factor: 99.537% Smoothness Smoothness Smoothness Smoothness Sublet 1 Sublet 2 Sublet 3 Sublet 4 Sublet 5 Sublet 6 Sublet 7 Sublet 8 Sublet 9 Sublet 10 Sublet 7 Profile Index. Run 3, In/mi 19.9 21.8 25.6 25.1 22.3 22.1 15.3 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	

LOT INFORMATION											
Lot Number	EB3			Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio			517+57.0				
Lot Length, mi	0.7	<< Formula		End Station			554+53.0		<< Formul	a	
Lot Width, feet	24	<< Formula	-	Number of			2				
Lot lane-mi Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date			/ May 31, June 1				
······································		·		· - · · · g · ·							
*Minimum Number of Sublots = 4, Maximu	um Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	less than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
TU 101/11500	9856.00										
THICKNESS				-	-		1				
Thickness - Probe 1, in Thickness - Probe 2, in	12.38 12.50	12.25	12.25 12.38	12.50 12.63	12.38 12.50	12.25 12.25	12.50				
Thickness - Probe 2, in Thickness - Probe 3, in	12.50	12.50 13.00	12.38	12.63	12.50	12.25	12.63 12.75				
Thickness - Probe 4, in	12.25	12.50	12.38	12.25	13.00	12.25	12.75				
Thickness - Probe 5, in	12.50	12.25	12.25	12.50	12.38	12.50	12.38				
Thickness - Probe 6, in	12.25	12.25	12.25	12.50	12.50	12.50	12.50				
Thickness - Probe 7, in Thickness - Probe 8, in	12.50 12.63	12.75 12.38	12.25 12.38	12.25 12.50	12.25 12.63	12.25 12.75	12.63 12.63				
Sublot Thickness, in Formula >>	12.03	12.38	12.38	12.50	12.63	12.75	12.63				
Resulting Samples per lot (n)		56		<< Formut			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.457		<< Formul	•		Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?		Yes		l			Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9952									
Lot Thickness Std. Dev., in		0.18949		<< Formut	1						
Thickness Pay Factor:		99.673%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	4520	5230	4220	4990	4530	4850	5570	GUDIOLO	Gabior D	oublet to	oublot II
Strength - Cylinder 2, psi	4620	5180	4460	5140	4890	5080	5640				
Sublot Strength, psi Formula >>	4570	5205	4340	5065	4710	4965	5605				
		7		<< Formul					1		
Resulting Samples per lot (n) Lot Strength Mean, in		4922.857		<< Formul			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
	Lot Strength	Mean is betwe	een ROL an								
	Lot ou ongui			1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594									
Lot Strength Std. Dev., in		441.48927		<< Formula	•						
Strength Pay Factor:		441.48927 100.524%		<< Formula	•						
				<< Formula							
	Sublot 1		Sublot 3	<< Formula	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor:	Sublot 1 6.9	100.524%	Sublot 3 6.5	·		Sublot 6 6.5	Sublot 7 6.0	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, %		Sublot 2 6.3		Sublot 4 6.4	Sublot 5 7.0		6.0		Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % [Resulting Samples per lot (n) [100.524% Sublot 2 6.3 7		Sublot 4	Sublot 5 7.0		6.0	7.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, %		Sublot 2 6.3		Sublot 4 6.4	Sublot 5 7.0		6.0		Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subici Air Content, % [Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.9	Sublot 2 6.3 7 6.514 Yes	6.5	Sublot 4 6.4 «« Formul	Sublot 5 7.0		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subici Air Content, % [Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.9	100.524% Sublot 2 6.3 7 6.514 Yes ent Mean is be	6.5	Sublot 4 6.4 «« Formul	Sublot 5 7.0		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subiol Air Content, % [Resulting Samples per fot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean: Number of Non-Conforming Sublots:	6.9	100.524% Sublot 2 6.3 7 6.514 Yes ent Mean is be 0	6.5	Sublot 4 6.4 «« Formul	Sublot 5 7.0		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subiot Air Content, % [Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor	6.9	100.524% Sublot 2 6.3 7 6.514 Yes ent Mean is be 0 0.9594	6.5	Sublot 4 6.4 «Formul and MQL	Sublot 5 7.0		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.9	100.524% Sublot 2 6.3 7 6.514 Yes ent Mean is be 0 0.9594 0.35819	6.5	Sublot 4 6.4 «« Formul	Sublot 5 7.0		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.9	100.524% Sublot 2 6.3 7 6.514 Yes ent Mean is be 0 0.9594	6.5	Sublot 4 6.4 «Formul and MQL	Sublot 5 7.0		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Subiot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.9	100.524% Sublot 2 6.3 7 6.514 Yes ent Mean is be 0 0.9594 0.35819	6.5	Sublot 4 6.4 «Formul and MQL	Sublot 5 7.0		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.9 Lot Air Conte	100.524% Sublot 2 6.3 7 6.514 Yes ont Mean is be 0 0.9594 0.35819 99.673%	6.5 tween RQL	Sublot 4 6.4 	Sublot 5 7.0	6.5	6.0 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.9	100.524% Sublot 2 6.3 7 6.514 Yes ent Mean is be 0 0.9594 0.35819	6.5	Sublot 4 6.4 «Formul and MQL	Sublot 5 7.0		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, in Unuber of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Sd. Dev., % Air Content Pay Factor: Smoothness	6.9 Lot Air Conte	100.524% Sublot 2 6.3 7 6.514 Yes ont Mean Is be 0 0.9594 0.35819 99.673% Sublot 2	6.5 tween RQL Sublot 3	Sublot 4 6.4 	Sublot 5	6.5 Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Strength Pay Factor: AIR CONTENT Subiot Ar Content, % Resulting Samples per fot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, in/mi Profile Index - Run 3, in/mi	6.9 Lot Air Conte 20.5 15.9 18.5	100.524% Subiot 2 6.3 7 6.514 Yes nnt Mean is be 0 0.9594 0.35819 99.673% Subiot 2 15.8 16.9 20.5	6.5 tween RQL Sublot 3 15.7 16 14.6	Sublot 4 6.4 	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublot 6 18.1 21.3 21	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 19.8 15.5 16.7	7.0 5.5 8.5			
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, in/mi Profile Index - Run 3, in/mi Profile Index - Run 3, in/mi Profile Index - Run 4, in/mi	6.9 Lot Air Conte 20.5 15.9 18.5 17.3	100.524% Sublot 2 6.3 7 6.514 Yes 0 0.9594 0.35819 99.673% Sublot 2 15.8 16.9 20.5 19.9	6.5 tween RQL 5.7 15.7 16 14.6 16.2	Sublot 4 6.4 exercise exercise and MQL exercise sublot 4 15.9 17 20 20.2	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublot 6 18.1 21.3 22.5	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 19.8 15.5 16.7 16.7	7.0 5.5 8.5			
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Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Std. Dev., % Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Notes on Lot Air Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined?	6.9 Lot Air Conte 20.5 15.9 18.5 17.3 18.1	100.524% Subiot 2 6.3 7 6.514 Yes 0 0.9594 0.35819 99.673% Subiot 2 15.8 16.9 20.5 19.9 20.5 19.9 20.5 19.9 20.5 19.9 20.5 19.9 20.5 10.5 40.9 20.5 10.5 40.9 20.5 10.5 40.9 20.5 10.5 40.9 20.5 10.5 40.9 20.5 10.5 40.9 20.5 10.5 40.9 20.5 10.5 40.9 20.5 10.5 40.9 20.5 10.5	6.5 tween RQL Sublot 3 15.7 16 14.6 14.6 16.2 15.6	Sublot 4 6.4 Sublot 4 Sublot 4 15.9 17 20 20.2 18 20.2 20.2 and MQL event event	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublet 6 18.1 21.3 21 22.5 20.7	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublet 7 19.8 15.5 16.7 16.1 16.1 16.1 Lot AQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			Sublot 11
Strength Pay Factor: AIR CONTENT Subiot Ar Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor:	6.9 Lot Air Conte 20.5 15.9 18.5 17.3 17.3 17.3 17.3 18.1	100.524% Sublot 2 6.3 7 6.514 Yes ont Mean is be 0 0.9594 0.35819 99.673% Sublot 2 15.8 16.9 20.5 19.9 18.3 28 18.475 Yes	6.5 tween RQL Sublot 3 15.7 16 14.6 16.2 15.6	Sublot 4 6.4 <pre> G.4 G.4</pre>	Sublot 5 7.0 a a a b c Sublot 5 24.9 17.2 23.1 20.2 23.1 20.2 21.4 a a	6.5 Sublot 6 18.1 21.3 21 22.5 20.7	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 19.8 16.7 16.1 17.0 Lot RQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Map Factor: Smoothness Profile Index - Run 2, in/mi Profile Index - Run 2, in/mi Profile Index - Run 3, in/mi Profile Index - Run 4, in/mi Subiot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean; in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: Resulting Samples per lot (n) Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Area Not Considered f	6.9 Lot Air Conte 20.5 15.9 18.5 17.3 18.1 Lot Profile In Sublot 1	100.524% Subiot 2 6.3 7 6.514 7 6.5 0 0 0.9594 0 0.35819 99.673% Subiot 2 15.8 18.475 Yes 18.475 Yes 0 0.9896 2.70428 105.443% Yes Subiot 2	6.5 tween RQL 3ublot 3 15.7 16 14.6 16.2 15.6 t6.2 15.6 stween RQL sublot 3	Sublot 4 6.4 Sublot 4 10 10 10 10 10 10 10 10 20 20.2 18.3 30 48.3 48.3 48.3 48.4 49.4 49.4 40.4 <p< td=""><td>Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td>6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Mia Sublot 6</td><td>6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td></p<>	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Mia Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subiot Ar Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor:	6.9 Lot Air Conte 20.5 15.9 18.5 17.3 17.3 17.3 17.3 18.1	100.524% Sublot 2 6.3 7 6.514 Yes ont Mean is be 0 0.9594 0.35819 99.673% Sublot 2 15.8 16.9 20.5 19.9 18.3 28 18.475 Yes	6.5 tween RQL Sublot 3 15.7 16 14.6 16.2 15.6	Sublot 4 6.4 <pre> G.4 G.4</pre>	Sublot 5 7.0 a a a b c Sublot 5 24.9 17.2 23.1 20.2 23.1 20.2 21.4 a a	6.5 Sublot 6 18.1 21.3 21 22.5 20.7	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 19.8 16.7 16.1 17.0 Lot RQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subiot Ar Content, % Resulting Samples per lot (n) Lot Air Content Mean, In Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content May Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index Mean, In/mi Profile Index Mean, In/mi Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: <td>6.9 Lot Air Conte 20.5 15.9 18.5 17.3 18.1 Lot Profile In Sublot 1</td> <td>100.524% Subiot 2 6.3 7 6.514 Yes 0 0.9594 0.35819 99.673% Subiot 2 15.8 16.9 20.5 19.9 18.475 Yes 28 18.475 Yes 28 105.443% Yes Subiot 2 1408.00</td> <td>6.5 tween RQL 3ublot 3 15.7 16 14.6 16.2 15.6 t6.2 15.6 stween RQL sublot 3</td> <td>Sublot 4 6.4 Sublot 4 10 10 10 10 10 10 10 10 20 20.2 18.3 30 48.3 48.3 48.3 48.4 49.4 49.4 40.4 <p< td=""><td>Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td>6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6</td><td>6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td></p<></td>	6.9 Lot Air Conte 20.5 15.9 18.5 17.3 18.1 Lot Profile In Sublot 1	100.524% Subiot 2 6.3 7 6.514 Yes 0 0.9594 0.35819 99.673% Subiot 2 15.8 16.9 20.5 19.9 18.475 Yes 28 18.475 Yes 28 105.443% Yes Subiot 2 1408.00	6.5 tween RQL 3ublot 3 15.7 16 14.6 16.2 15.6 t6.2 15.6 stween RQL sublot 3	Sublot 4 6.4 Sublot 4 10 10 10 10 10 10 10 10 20 20.2 18.3 30 48.3 48.3 48.3 48.4 49.4 49.4 40.4 <p< td=""><td>Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td>6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6</td><td>6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td></p<>	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subiot Ar Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi <td>6.9 Lot Air Conte 20.5 15.9 18.5 17.3 18.1 Lot Profile In Sublot 1</td> <td>100.524% Subiot 2 6.3 7 6.514 Yes 0 0.9594 0.35819 99.673% Subiot 2 15.8 16.9 20.5 19.9 18.3 20.5 19.9 18.3 20.5 19.9 18.3 20.5 20.5 20.9 20 20 20 20 20 20 20 20 20 20 20 20 20</td> <td>6.5 tween RQL 3ublot 3 15.7 16 14.6 16.2 15.6 t6.2 15.6 stween RQL sublot 3</td> <td>Sublot 4 6.4 Sublot 4 10 10 10 10 10 10 10 10 20 20.2 18.3 30 48.3 48.3 48.3 48.4 49.4 49.4 40.4 <p< td=""><td>Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td>6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6</td><td>6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td></p<></td>	6.9 Lot Air Conte 20.5 15.9 18.5 17.3 18.1 Lot Profile In Sublot 1	100.524% Subiot 2 6.3 7 6.514 Yes 0 0.9594 0.35819 99.673% Subiot 2 15.8 16.9 20.5 19.9 18.3 20.5 19.9 18.3 20.5 19.9 18.3 20.5 20.5 20.9 20 20 20 20 20 20 20 20 20 20 20 20 20	6.5 tween RQL 3ublot 3 15.7 16 14.6 16.2 15.6 t6.2 15.6 stween RQL sublot 3	Sublot 4 6.4 Sublot 4 10 10 10 10 10 10 10 10 20 20.2 18.3 30 48.3 48.3 48.3 48.4 49.4 49.4 40.4 <p< td=""><td>Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td>6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6</td><td>6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td></p<>	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 2, in/mi Profile Index - Run 4, in/mi Profile Index Mean, in/mi Lot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds PF Stirength PF Air Content	6.9 Lot Air Conte 20.5 15.9 18.5 17.3 18.1 Lot Profile In Sublot 1	100.524% Subiot 2 6.3 7 6.514 7 0 0.9594 0.35819 99.673% Subiot 2 15.8 16.9 20.5 19.9 20.5 19.9 20.5 19.9 20.5 19.9 20.5 10.3 28 28 28 28 20.5 10.5 28 28 28 28 28 28 28 28 28 28 28 28 28	6.5 tween RQL 3ublot 3 15.7 16 14.6 16.2 15.6 t6.2 15.6 stween RQL sublot 3	Sublot 4 6.4 Sublot 4 10 10 10 10 10 10 10 10 20 20.2 18.3 30 48.3 48.3 48.3 48.4 49.4 49.4 40.4 <p< td=""><td>Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td>6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6</td><td>6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td></p<>	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Subiot Ar Content, % Resulting Samples per lot (n) Lot Air Content Mean, In Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Profile Index Mean, In/mi Correction Factor Lot Profile Index Mean, In/mi Profile Index Mean, In/mi Profile Index Std. Dev., In/mi Profile	6.9 Lot Air Conte 20.5 15.9 18.5 17.3 18.1 Lot Profile In Sublot 1	100.524% Subiot 2 6.3 7 6.514 Yes 0 0.9594 0.35819 99.673% Subiot 2 15.8 16.9 20.5 19.9 18.475 Yes 28 18.475 Yes 28 18.475 Yes 28 105.443% Yes Subiot 2 1408.00 99.673%	6.5 tween RQL 3ublot 3 15.7 16 14.6 16.2 15.6 t6.2 15.6 stween RQL sublot 3	Sublot 4 6.4 Sublot 4 10 10 10 10 10 10 10 10 20 20.2 18.3 30 48.3 48.3 48.3 48.4 49.4 49.4 40.4 <p< td=""><td>Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td>6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6</td><td>6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td></p<>	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Sid. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, in/mi Profile Index - Run 4, in/mi Sublot Profile Index, Nun, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Sid. Dev., in/mi Profile Index Sid. Dev., Sid. Dev. Finder Sid. Dev. Profile Index Sid. Dev. In/mi Profile Index Sid. Dev., In/mi	6.9 Subiot 1 20.5 15.9 18.5 17.3 18.1 Lot Profile In Subiot 1 1408.00	100.524% Subiot 2 6.3 7 6.514 Yes 0 0.9594 0.35819 99.673% 5ubiot 2 15.8 16.9 20.5 19.9 18.3 28 18.475 Yes 28 18.475 Yes 28 105.443% Yes Subiot 2 105.54% 105.54% 105.30%	6.5 tween RQL 3 15.7 16 16.2 15.6 16.2 15.6 16.2 15.6 16.2 15.6 16.2 15.6 16.2 15.7 16 14.2 15.7 16 14.2 15.7 16 14.2 15.7 16 14 15.7 16 14 15.7 16 14 15.7 16 14 15.7 15 15 15 15 15 15 15 15 15 15 15 15 15	Sublot 4 6.4 Sublot 4 10 10 10 10 10 10 10 10 20 20.2 18.3 30 48.3 48.3 48.3 48.4 49.4 49.4 40.4 <p< td=""><td>Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td>6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6</td><td>6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td>Sublot 9</td><td>Sublot 10</td><td>Sublot 11</td></p<>	Sublot 5 7.0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6.5 Sublot 6 18.1 21.3 21 22.5 20.7 20.7 Ma Min Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, % 19.8 19.5 16.7 16.7 16.1 17.0 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
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LOT INFORMATION											
Lot Number	EB4	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio			479+82.0			_	
Lot Length, mi	0.7	<< Formula	_	End Station			517+57.0		<< Formul	a	
Lot Width, feet Lot lane-mi	24	<< Formula	-	Number of			2				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date			, June 1				
		•				•					
*Minimum Number of Sublots = 4, Maxim	num Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	ess than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>>	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
THICKNESS											
Thickness - Probe 1, in	12.50	12.50	12.50	12.75	12.38	12.63	12.63				
Thickness - Probe 2, in	12.50	12.50	12.50	12.75	12.38	12.50	12.50				
Thickness - Probe 3, in	12.38	12.50	12.25	12.75	12.50	12.38	12.38				
Thickness - Probe 4, in Thickness - Probe 5, in	12.63	12.50 12.75	12.75 12.50	12.75 12.75	12.50 12.50	12.63 12.25	12.50 12.38				
Thickness - Probe 6, in	12.75	12.75	12.30	12.75	12.50	12.23	12.38				
Thickness - Probe 7, in	12.50	12.50	12.50	12.75	12.75	12.38	12.25				
Thickness - Probe 8, in	12.50	12.75	12.50	12.75	12.63	12.75	12.50				
Sublot Thickness, in Formula>>	12.50	12.56	12.49	12.75	12.53	12.50	12.42				1
Resulting Samples per lot (n)		56		<< Formul			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.537		<< Formut	<u>,</u>		Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?		Yes		l			Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9952									
Lot Thickness Std. Dev., in		0.15612		<< Formul	•						
Thickness Pay Factor:		100.116%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	4750	4840	4320	5330	4640	5220	4700				
Strength - Cylinder 2, psi Sublot Strength, psi	4790 4770	4570 4705	3710 4015	5570 5450	4520 4580	5230 5225	4580 4640				
Formulass	4//0	4/03	4015	3430	4300	5225	4040				
Resulting Samples per lot (n)		7		<< Formut	1		Lot AQL, psi	4,500			
Lot Strength Mean, in		4769.286		<< Formul	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?	L	Yes		I			Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594									
Lot Strength Std. Dev., in		484.55115		<< Formula	1						
Strength Pay Factor:		100.335%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.5	Sublot 2 6.2	Sublot 3 6.3	Sublot 4 6.0	Sublot 5 6.5	Sublot 6 6.4	Sublot 7 7.0	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %		6.2		6.0	6.5		7.0		Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)		6.2 7			6.5 a		7.0 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %		6.2		6.0	6.5 a		7.0		Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	6.5	6.2 7 6.414	6.3	6.0	6.5 a		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.5	6.2 7 6.414 Yes	6.3	6.0	6.5 a		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.5	6.2 7 6.414 Yes ent Mean is be 0	6.3	6.0	6.5 a		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.5	6.2 7 6.414 Yes ent Mean is be	6.3	6.0	6.5		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594	6.3	6.0 «Formul and MQL	6.5		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646	6.3	6.0 «Formul and MQL	6.5		7.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conferming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646 99.598%	6.3 tween RQL	6.0 <pre><< Formul and MQL </pre>	6.5	6.4	7.0 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646 99.598% Sublot 2	6.3 tween RQL Sublot 3	6.0 <pre><< Formul and MQL </pre> <	6.5	6.4 Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5	Sublot 9	Sublot 10 Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conferming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646 99.598%	6.3 tween RQL	6.0 <pre><< Formul and MQL </pre>	6.5	6.4	7.0 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646 99.598% Sublot 2 19.2 20.1 21.5	6.3 tween RQL Sublot 3 19.8 21.8 27.8	6.0 <pre><c <="" formul="" pre=""> <pre><c <="" formul="" pre=""> <pre>sublot 4 16.3 18.3 22.9 </pre></c></pre></c></pre>	6.5 Sublot 5 19.3 19.7 21.8	6.4 Sublot 6 17.7 20.3 17.2	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.4 20.8 21.8	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.5	6.2 7 6.414 Yes ant Mean is be 0 0.9594 0.32646 99.598% Sublot 2 19.2 20.1 21.5 20.9	6.3 tween RQL <u>Sublot 3</u> 19.8 21.8 21.8 21.4	6.0	6.5 Sublot 5 19.3 19.7 21.8 18.4	6.4 Sublot 6 17.7 20.3 17.2 15.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.4 20.8 21.8 20	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646 99.598% Sublot 2 19.2 20.1 21.5	6.3 tween RQL Sublot 3 19.8 21.8 27.8	6.0 <pre><c <="" formul="" pre=""> <pre><c <="" formul="" pre=""> <pre>sublot 4 16.3 18.3 22.9 </pre></c></pre></c></pre>	6.5 Sublot 5 19.3 19.7 21.8	6.4 Sublot 6 17.7 20.3 17.2	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.4 20.8 21.8	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.5	6.2 7 6.414 Yes ant Mean is be 0 0.9594 0.32646 99.598% Sublot 2 19.2 20.1 21.5 20.9	6.3 tween RQL <u>Sublot 3</u> 19.8 21.8 21.8 21.4	6.0	6.5 Sublot 5 19.3 19.7 21.8 18.4 18.4	6.4 Sublot 6 17.7 20.3 17.2 15.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.4 20.8 21.8 20	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, ccceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile I	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646 99.598% Sublet 2 19.2 20.1 21.5 20.9 20.4 20.4 19.957	6.3 tween RQL <u>Sublot 3</u> 19.8 21.8 21.8 21.4	6.0	6.5 Sublet 5 19.3 19.7 21.8 18.4 19.8	6.4 Sublot 6 17.7 20.3 17.2 15.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.4 20.8 21.8 20.3 21.3 20.3 21.4 20.3 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 21.4 21.4 21.4 21.4 21.4 21.4 21	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, In/mi Lot Profile Index Mean Acceptable?	6.5	6.2 7 6.414 Yes ont Mean is be 0 0.9594 0.32646 99.598% Subict 2 19.2 20.1 21.5 20.9 20.4 28.4 19.9 20.4	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7	6.0 << Formul << Formul Sublot 4 16.3 18.3 22.9 20.7 19.6 (< Formul << Formul	6.5 Sublet 5 19.3 19.7 21.8 18.4 19.8	6.4 Sublot 6 17.7 20.3 17.2 15.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.4 20.8 21.3 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Bid. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, in/m Formala>> Resulting Samples per lot (n) Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Notes on Lot Profile Index Mean:	6.5	6.2 7 6.414 Yes o 0.9594 0.32646 99.598% Subict 2 19.2 20.1 21.5 20.9 20.4 19.957 Yes Yes	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7	6.0 << Formul << Formul Sublot 4 16.3 18.3 22.9 20.7 19.6 (< Formul << Formul	6.5 Sublet 5 19.3 19.7 21.8 18.4 19.8	6.4 Sublot 6 17.7 20.3 17.2 15.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.4 20.8 21.8 20.3 21.3 20.3 21.4 20.3 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 21.4 21.4 21.4 21.4 21.4 21.4 21	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Number of Non-Conforming Sublots:	6.5	6.2 7 6.414 Yes nnt Mean is be 0 0.9594 0.32646 99.598% Sublot 2 19.2 20.1 21.5 20.9 20.4 28 19.957 Yes 28 19.957 Yes 0 0 0 0 0 0 0 0 0 0 0 0 0	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7	6.0 << Formul << Formul Sublot 4 16.3 18.3 22.9 20.7 19.6 (< Formul << Formul	6.5 Sublet 5 19.3 19.7 21.8 18.4 19.8	6.4 Sublot 6 17.7 20.3 17.2 15.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.4 20.8 21.8 20.3 21.3 20.3 21.4 20.3 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 21.4 21.4 21.4 21.4 21.4 21.4 21	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, nc Lot Air Content Mean Acceptable? Notes on Lot Air Contont Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, Air/mi Lot Profile Index Mean, Air/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor	6.5	6.2 7 6.414 Yes on Mean is be 0 0.9594 0.32646 99.598% Sublot 2 19.2 20.1 21.5 20.9 20.1 21.5 20.9 20.1 21.5 20.9 20.5 20.5 20.9 20.5 20.5 20.9 20.5 20.5 20.9 20.5	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7	6.0 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 16.3 18.3 22.9 20.7 19.6 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c formul<br=""><c< td=""><td>6.5 Sublet 5 19.3 19.7 21.8 18.4 19.8 a</td><td>6.4 Sublot 6 17.7 20.3 17.2 15.1</td><td>7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.4 20.8 21.8 20.3 21.3 20.3 21.4 20.3 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 21.4 21.4 21.4 21.4 21.4 21.4 21</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0</td><td></td><td></td><td></td></c<></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.5 Sublet 5 19.3 19.7 21.8 18.4 19.8 a	6.4 Sublot 6 17.7 20.3 17.2 15.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.4 20.8 21.8 20.3 21.3 20.3 21.4 20.3 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 21.4 21.4 21.4 21.4 21.4 21.4 21	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean; In/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.2 7 6.414 Yes ont Mean is be 0 0.9594 0.32646 99.598% Subict 2 19.2 20.1 21.5 20.9 20.4 19.957 Yes 0 0 0.0959 20.4 19.957 Yes 0 0 0.0959 20.1 21.5 20.9 20.1 21.5 20.9 20.4 21.5 20.9 20.4 21.5 20.9 20.4 21.5 20.9 20.4 21.5 20.9 20.4 21.5 20.9 20.4 21.5 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7	6.0 << Formul << Formul Sublot 4 16.3 18.3 22.9 20.7 19.6 (< Formul << Formul	6.5 Sublet 5 19.3 19.7 21.8 18.4 19.8 a	6.4 Sublot 6 17.7 20.3 17.2 15.1	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 22.4 20.8 21.8 20.3 21.3 20.3 21.4 20.3 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 20.4 21.4 21.4 21.4 21.4 21.4 21.4 21.4 21	7.0 5.5 8.5 Sublot 8 30.0 50.0			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Dublot Profile Index Mean in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., In/m	6.5	6.2 7 6.414 Yes ont Mean is be 0 0.9594 0.32646 99.598% Subict 2 19.2 20.1 21.5 21.5 20.9 20.4 19.957 Yes 0 0.9896 0 0.9896 0 28 0 0.9896 0 0.9958 0 20.9 20.1 20.5 20.9 20.4 20.9 20.7 20.7 20.7 20.9 20.4 20.9 20.7 20.7 20.7 20.9 20.4 20.9 20.7 20.7 20.9 20.9 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20	6.3 tween RQL 3 19.8 21.8 21.8 21.4 22.7 22.7	6.0 << Formul << Formul and MQL << Formul Sublot 4 16.3 18.3 22.9 20.7 19.6 << Formul << Formul	6.5 Sublot 5 19.3 19.7 21.8 18.4 19.8 a a	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 15.1 17.6 Ma Mi	7.0 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.4 20.8 21.3 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean; In/mi Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Profile Index Aun 3, In/mi Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Corforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean; In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds	6.5	6.2 7 6.414 Yes 90.0594 0.32646 99.598% 99.598% 10.2 20.1 21.5 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.4 20.9 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.5 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.9 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.4 20.4	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7 etween RQI etween RQI	6.0 Control of the second sec	6.5 Sublot 5 19.3 19.7 21.6 18.4 19.8 a a a a b Sublot 5	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 Ma Mi Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 21.0 20 21.3 Lot AQL, in/mi Lot AQL, in/mi Lot MQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Dublot Profile Index Mean in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., In/m	6.5	6.2 7 6.414 Yes ont Mean is be 0 0.9594 0.32646 99.598% Sublot 2 19.2 20.1 21.5 20.9 20.4 28 19.2 20.4 28 19.5 Yes 20.4 28 19.5 Yes Sublot 2 19.5 Yes Sublot 2 19.5 Yes Sublot 2 19.5 Yes Sublot 2 10.3596	6.3 tween RQL 3 19.8 21.8 21.8 21.4 22.7 22.7	6.0 << Formul << Formul and MQL << Formul Sublot 4 16.3 18.3 22.9 20.7 19.6 << Formul << Formul	6.5 Sublot 5 19.3 19.7 21.8 18.4 19.8 a a	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 15.1 17.6 Ma Mi	7.0 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 22.4 20.8 21.3 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/m	6.5	6.2 7 6.414 Yes 90.0594 0.32646 99.598% 99.598% 10.2 20.1 21.5 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.4 20.9 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.5 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.9 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.4 20.9 20.9 20.9 20.4 20.9 20.9 20.4 20.4	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7 etween RQI etween RQI	6.0 Control of the second sec	6.5 Sublot 5 19.3 19.7 21.6 18.4 19.8 a a a a b Sublot 5	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 Ma Mi Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 21.0 20 21.3 Lot AQL, in/mi Lot AQL, in/mi Lot MQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi All Pay Factors Determined? Results Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.5	6.2 7 6.414 Yes ont Mean is be 0 0.9594 0.32646 99.598% Subiot 2 19.2 20.1 21.5 20.9 20.1 21.5 20.9 20.1 21.5 20.9 20.4 28 19.2 20.4 28 0 0 0 0 0 0 0 0 0 0 0 0 0	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7 etween RQI etween RQI	6.0 Control of the second sec	6.5 Sublot 5 19.3 19.7 21.6 18.4 19.8 a a a a b Sublot 5	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 Ma Mi Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 21.0 20 21.3 Lot AQL, in/mi Lot AQL, in/mi Lot MQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; in/mi Profile Index Std. Dev., in/mi Profile Index Mean; in/mi Profile Index Mean; in/mi Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor:	6.5	6.2 7 6.414 Yes 8 99.598% 99.598% 99.598% 99.598% 99.598% 20.1 21.5 20.9 20.4 28 19.957 Yes 0 0.03996 2.47283 104.979% Yes Subiot 2 1408.00 9955.00 100.12% 100.34%	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7 etween RQI etween RQI	6.0 Control of the second sec	6.5 Sublot 5 19.3 19.7 21.6 18.4 19.8 a a a a b Sublot 5	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 Ma Mi Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 21.0 20 21.3 Lot AQL, in/mi Lot AQL, in/mi Lot MQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., Std. Dev. Area Considered for PRS, sq yds Total Area PF Strength PF Air Content PF Smoothness	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646 99.598% Sublot 2 19.2 20.1 21.5 20.9 20.4 28 19.2 20.4 28 19.5 Yes 0 0 0.9896 2.47283 104.979% Yes Sublot 2 1408.00 9856.00 100.12% 100.34% 99.60% 104.88%	6.3 tween RQL 3 19.8 21.8 27.8 21.4 22.7 etween RQI etween RQI	6.0 Control of the second sec	6.5 Sublot 5 19.3 19.7 21.6 18.4 19.8 a a a Sublot 5	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 Ma Mi Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 21.0 20 21.3 Lot AQL, in/mi Lot AQL, in/mi Lot MQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean; n/mi Lot Profile Index Mean; n/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Resouncider for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Strength PF Air Content PF Strength PF Air Content PF Semostheres S	6.5	6.2 7 6.414 Yes 8 99.598% 99.598% 99.598% 99.598% 99.598% 20.1 21.5 20.9 20.4 28 19.957 Yes 0 0.03996 2.47283 104.979% Yes Subiot 2 1408.00 9955.00 100.12% 100.34%	6.3 tween RQL Sublet 3 19.8 21.8 21.4 22.7 etween RQL sublet 3 1408.00	6.0 Control of the second sec	6.5 Sublot 5 19.3 19.7 21.6 18.4 19.8 a a a Sublot 5	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 Ma Mi Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 21.0 20 21.3 Lot AQL, in/mi Lot AQL, in/mi Lot MQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., Std. Dev. Area Considered for PRS, sq yds Total Area PF Strength PF Air Content PF Smoothness	6.5	6.2 7 6.414 Yes ent Mean is be 0 0.9594 0.32646 99.598% Subiot 2 19.2 20.1 21.5 20.9 20.1 21.5 20.9 20.4 28 19.9578% 0 0 0.9896 0.3896 0.3896 0.3896 0.3896 0.3896 0.39896 2.47283 10.4.979% Yes Subiot 2 1408.00 99.50% 100.34% 105.03%	6.3 tween RQL Sublot 3 19.8 21.8 27.8 21.4 22.7 etween RQL 1408.00 1408.00	6.0 Control of the second sec	6.5 Sublot 5 19.3 19.7 21.6 18.4 19.8 a a a Sublot 5	6.4 Sublot 6 17.7 20.3 17.2 15.1 17.6 Ma Mi Sublot 6	7.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 21.0 20 21.3 Lot AQL, in/mi Lot AQL, in/mi Lot MQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	EB5	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio			442+86.0				
Lot Length, mi	0.7	<< Formula		End Station Number of			479+82.0		<< Formul	a	
Lot Width, feet Lot lane-mi	24	<< Formula		Number of			2				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date			June 2				
*Minimum Number of Sublots = 4, Maxim	um Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	ess than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
TUIOKNEOO	9856.00										
THICKNESS	10.00	10.00	10.00	10.50	10.00	40.00	10.75				
Thickness - Probe 1, in Thickness - Probe 2, in	12.38	12.38 12.63	12.63 12.50	12.50 12.63	12.63 12.50	12.63 12.50	12.75 13.00				
Thickness - Probe 3, in	12.63	12.50	12.30	12.38	12.63	12.50	12.63				
Thickness - Probe 4, in	12.63	12.50	12.75	12.75	12.50	12.75	12.50				
Thickness - Probe 5, in	12.50	12.50	12.63	12.63	12.63	12.50	12.50				
Thickness - Probe 6, in Thickness - Probe 7, in	12.38	12.75	12.38	12.63	12.50	12.63	12.50				
Thickness - Probe 8, in	12.25 12.75	12.38 12.50	12.38 12.63	12.75 12.75	12.50 12.75	12.50 12.75	12.75 12.75				
Sublot Thickness, in Formula >>	12.52	12.52	12.58	12.63	12.58	12.60	12.67				
Resulting Samples per lot (n)		56		<< Formul			Lot AQL, in	12.5			
Lot Thickness Mean, in Lot Thickness Mean Acceptable?		12.585 Yes		<< Formut	1		Lot RQL, in Lot MQL, in	11.5 13.0			
	·						LOT MQL, IN	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9952									
Lot Thickness Std. Dev., in	<u> </u>	0.14179	_	<< Formut	•						
Thickness Pay Factor:		100.252%									
	_								_		
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	4580	5670	4710	5780	4770	5680	5210				
Strength - Cylinder 2, psi	4580	5890	4980	5650	5090	5590	5190				
Sublot Strength, psi Formula >>	4580	5780	4845	5715	4930	5635	5200			I	I
Resulting Samples per lot (n)		7		<< Formut			Lot AQL, psi	4,500			
Lot Strength Mean, in		5240.714		<< Formul	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betwe	een RQL an	MQL							
Number of New Conformine Cubleton		•		1							
Number of Non-Conforming Sublots:		0		l							
Std. Dev. Correction Factor Lot Strength Std. Dev., in		0.9594 496.71160		<< Formula							
Strength Pay Factor:		100.716%									
Strength Fay Factor.		100.71076									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.6	Sublot 2 5.7	Sublot 3 6.8	Sublot 4 6.0	Sublot 5 6.3	Sublot 6 6.0	Sublot 7 6.3	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %		5.7			6.3		6.3		Sublot 9	Sublot 10	Sublot 11
				6.0	6.3 a			Sublot 8 7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)		5.7		6.0	6.3 a		6.3 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	6.6	5.7 7 6.243	6.8	6.0	6.3 a		6.3 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.6	5.7 7 6.243 Yes	6.8	6.0	6.3 a		6.3 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.6	5.7 7 6.243 Yes ent Mean is be 0	6.8	6.0	6.3 a		6.3 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.6	5.7 7 6.243 Yes ent Mean is be 0 0.9594	6.8	6.0	6.3		6.3 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.6	5.7 7 6.243 Yes ent Mean is be 0 0.9594 0.39396	6.8	6.0 «Formul and MQL	6.3		6.3 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.6	5.7 7 6.243 Yes ent Mean is be 0 0.9594	6.8	6.0 «Formul and MQL	6.3		6.3 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.6	5.7 7 6.243 Yes ent Mean is be 0 0.9594 0.39396	6.8	6.0 «Formul and MQL	6.3		6.3 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.6	5.7 7 6.243 Yes ent Mean is be 0 0.9594 0.39396 99.449% Sublot 2	6.8 tween RQL Sublot 3	6.0 <pre><< Formul and MQL </pre> <	6.3 a a Sublot 5	6.0 Sublot 6	6.3 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5	Sublot 9 Sublot 9	Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.6 Lot Air Conte	5.7 7 6.243 Yes ent Mean is be 0 0.9594 0.39396 99.449% Sublot 2 13.6	6.8 tween RQL Sublot 3 15.1	6.0 <	6.3 a b Sublot 5 19.5	6.0 Sublot 6 17.8	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 2, In/mi	6.6	5.7 7 6.243 Yes ont Mean is be 0 0.9594 0.39396 99.449% Sublot 2 13.6 14.4	6.8 stween RQL Sublot 3 15.1 12.3	6.0	6.3 Sublot 5 19.5 17.1	6.0 Sublot 6 17.8 17.4	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 5, In/mi Profile Index - Run 5, In/mi	6.6	5.7 7 6.243 Yes ont Mean is be 0 0.9594 0.93936 99.449% Sublot 2 13.6 14.4 16.7	6.8 tween RQL Sublot 3 15.1 12.3 13.3	6.0 <pre><c <="" formul="" pre=""> <pre><c <="" formul="" pre=""> <pre>sublot 4 11 12.7 12 </pre></c></pre></c></pre>	6.3 Sublot 5 19.5 17.1 19.8	6.0 Sublot 6 17.8 17.4 22.5	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5 18.7	7.0 5.5 8.5			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xel. Dev., In/mi Profile Index Xel. Dev., In/mi Profile Index Xel. Dev., In/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Kot Considered for PRS, sq yds Area Considered for PRS, sq yds	6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	5.7 7 6.243 Yes ont Mean is be 0 0.9594 0.39396 99.449% Sublot 2 13.6 14.4 16.7 15.2 15.0 28 16.725 Yes 0 0.8996 0 0.8998 0 0.8998 Ves Ves Sublot 2 1408.00 9856.00	6.8 stween RQL 5 5 5 5 5 5 5 5 5 5 5 5 5	6.0 Control of the second sec	6.3 Sublot 5 19.5 17.1 19.8 23.3 19.9 a a Sublot 5	6.0 Sublot 6 17.8 17.4 22.5 21.4 19.8 Ma Mi Sublot 6	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5 18.7 17.7 18.6 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Content Pay Factor: Resulting Samples per lot (n) Lot Profile Index Mean; in/mi Cot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Profile Index Acceptable? Notes on Lot Profile Index Mean; North Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., formila Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Not Consi	6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	5.7 7 6.243 Yes mt Mean is be 0 0.9594 0.9594 0.9594 0.99396 99.449% Sublot 2 13.6 14.4 16.7 15.2 13.6 14.4 16.7 15.2 15.2 15.0 28 16.725 Yes dex Mean is be 0 0.9896 3.25698 105.989% Yes Sublot 2 1408.00 9856.00 100.25%	6.8 stween RQL 5 5 5 5 5 5 5 5 5 5 5 5 5	6.0 Control of the second sec	6.3 Sublot 5 19.5 17.1 19.8 23.3 19.9 a a Sublot 5	6.0 Sublot 6 17.8 17.4 22.5 21.4 19.8 Ma Mi Sublot 6	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5 18.7 17.7 18.6 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean An/mi Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	5.7 7 6.243 Yes ont Mean is be 0 0.9594 0.39396 99.449% Subiot 2 13.6 14.4 16.7 15.2 15.0 28 16.725 Yes 0 0 0.9398 0 0 0 0 0 0 0 0 0 0 0 0 0	6.8 stween RQL 5 5 5 5 5 5 5 5 5 5 5 5 5	6.0 Control of the second sec	6.3 Sublot 5 19.5 17.1 19.8 23.3 19.9 a a Sublot 5	6.0 Sublot 6 17.8 17.4 22.5 21.4 19.8 Ma Mi Sublot 6	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5 18.7 17.7 18.6 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Content Pay Factor: Resulting Samples per lot (n) Lot Profile Index Mean; in/mi Cot Profile Index Mean; in/mi Lot Profile Index Mean; in/mi Profile Index Acceptable? Notes on Lot Profile Index Mean; North Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., formila Profile Index Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Not Consi	6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	5.7 7 6.243 Yes mt Mean is be 0 0.9594 0.9594 0.9594 0.99396 99.449% Sublot 2 13.6 14.4 16.7 15.2 13.6 14.4 16.7 15.2 15.2 15.0 28 16.725 Yes dex Mean is be 0 0.9896 3.25698 105.989% Yes Sublot 2 1408.00 9856.00 100.25%	6.8 stween RQL 5 5 5 5 5 5 5 5 5 5 5 5 5	6.0 Control of the second sec	6.3 Sublot 5 19.5 17.1 19.8 23.3 19.9 a a Sublot 5	6.0 Sublot 6 17.8 17.4 22.5 21.4 19.8 Ma Mi Sublot 6	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5 18.7 17.7 18.6 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Formelax> Resulting Samples per lot (n) Lot Profile Index Mean: In/mi Drofile Index Mean: In/mi Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Stricensb PF Strength PF Air Content	6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	5.7 7 6.243 Yes 0 0.9594 0.39396 99.449% Sublot 2 13.6 14.4 16.7 15.2 15.0 28 16.725 Yes 0 0.9996 3.25698 105.989% Yes Sublot 2 1408.00 99.55.00 100.72% 99.45%	6.8 stween RQL 5 5 5 5 5 5 5 5 5 5 5 5 5	6.0 Control of the second sec	6.3 Sublot 5 19.5 17.1 19.8 23.3 19.9 a a Sublot 5	6.0 Sublot 6 17.8 17.4 22.5 21.4 19.8 Ma Mi Sublot 6	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5 18.7 17.7 18.6 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Prof	6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	5.7 7 6.243 Yes ont Mean is be 0 0.9594 0.39396 99.449% Sublot 2 13.6 14.4 16.7 15.2 15.0 28 16.725 Yes dex Mean is b 0 0.9896 3.25698 105.989% Yes Sublot 2 1408.00 9955.00 100.25%	6.8 Sublot 3 Sublot 3 Sublot 3 1408.00	6.0 Constant of the second se	6.3 Sublot 5 19.5 17.1 19.8 23.3 19.9 a a Sublot 5	6.0 Sublot 6 17.8 17.4 22.5 21.4 19.8 Ma Mi Sublot 6	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5 18.7 17.7 18.6 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean.: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xed. Dev., in/mi Profile Index Yad. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Trickness PF Strength PF Air Content PF Strength PF Air Content PF Smoothness PF Composite	6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	5.7 7 6.243 Yes ont Mean is be 0 0.9594 0.39396 99.449% Subiot 2 13.6 14.4 16.7 15.2 15.0 28 16.725 Yes 28 16.725 Yes 0 0.989% 0 0.989% 105.989% Yes Subiot 2 1408.00 190.25% 100.25% 100.25% 100.25% 100.25% 105.93% 105.93%	6.8 Sublot 3 Sublot 3 1408.00	6.0 Constant of the second se	6.3 Sublot 5 19.5 17.1 19.8 23.3 19.9 a a Sublot 5	6.0 Sublot 6 17.8 17.4 22.5 21.4 19.8 Ma Mi Sublot 6	6.3 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 17.4 20.5 18.7 17.7 18.6 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION												
Lot Number	EB6	1		Project No.			1011-01-88					
Bid Price, \$/sq yd	26.59			Begin Statio			408+00.0			_		
Lot Length, mi	0.7	<< Formula		End Station			442+86.0		<< Formul	a		
Lot Width, feet Lot lane-mi	24	<< Formula		Number of			2					
Resulting Lot Area, sq yds	9296.00	<< Formula		Paving Date			, June 2, 3					
	•					•						
*Minimum Number of Sublots = 4, Maxim	um Number o	f Sublots = 8,	except in sp	ecial cases	(e.g. last day	paving or w	hen possibility o	f lot having	ess than 4 s	sublots)		
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11	
Sublot Area, sq yds Formula >>	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	848.00					
TUIOKNEOO	9296.00											
THICKNESS	10.00	10.00	10.50	10.75	10.50	10.50	10.50			-		
Thickness - Probe 1, in Thickness - Probe 2, in	12.38 12.50	12.38 12.75	12.50 12.25	12.75 12.38	12.50 12.50	12.50 12.75	12.50 12.63					
Thickness - Probe 3, in	12.63	12.50	12.25	12.50	12.30	12.75	12.50					
Thickness - Probe 4, in	12.63	12.63	12.50	12.50	12.38	12.25	12.50					
Thickness - Probe 5, in	12.50	12.50	12.75	12.50	12.50	12.38						
Thickness - Probe 6, in Thickness - Probe 7, in	12.63	12.50	12.63	12.38	12.50	12.38						
Thickness - Probe 8, in	12.50 12.75	12.63 12.50	12.38 12.50	12.75 12.75	12.50 12.38	12.38 12.25						
Sublot Thickness, in Formula >>	12.57	12.55	12.47	12.56	12.44	12.41	12.53					
Resulting Samples per lot (n)		52		<< Formul			Lot AQL, in	12.5				
Lot Thickness Mean, in Lot Thickness Mean Acceptable?		12.502 Yes		<< Formul	a		Lot RQL, in Lot MQL, in	11.5 13.0				
	·			1			LOT MQL, IN	13.0				
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL								
Number of Non-Conforming Sublots:		0										
Std. Dev. Correction Factor		0.9950		1								
Lot Thickness Std. Dev., in	<u> </u>	0.14259	_	<< Formut	a							
Thickness Pay Factor:		100.022%										
	_	_									_	
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11	
Strength - Cylinder 1, psi	4590	5320	5450	5030	5660	4910	5900					
Strength - Cylinder 2, psi	4600	5450	5420	5190	5740	4890	5650					
Sublot Strength, psi Formula >>	4595	5385	5435	5110	5700	4900	5775					
Resulting Samples per lot (n)		7		<< Formul	a		Lot AQL, psi	4,500				
Lot Strength Mean, in		5271.429		<< Formul	а		Lot RQL, psi	3,250				
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500				
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	d MQL								
Number of New Conformine Cubleton				1								
Number of Non-Conforming Sublots:		0		J								
Std. Dev. Correction Factor Lot Strength Std. Dev., in		0.9594 445.98666		<< Formula								
		100.770%										
Strength Pay Factor:		100.770 /8										
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11	
AIR CONTENT Sublot Air Content, %	Sublot 1 7.0	Sublot 2 6.5	Sublot 3 6.0	Sublot 4 6.3	Sublot 5 6.1	Sublot 6 6.8	Sublot 7 6.4	Sublot 8	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, %		6.5			6.1		6.4		Sublot 9	Sublot 10	Sublot 11	
				6.3	6.1 a			Sublot 8 7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n)		6.5 7		6.3	6.1 a		6.4 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	7.0	6.5 7 6.443	6.0	6.3	6.1 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	7.0	6.5 7 6.443 Yes	6.0	6.3	6.1 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	7.0	6.5 7 6.443 Yes ent Mean is be 0	6.0	6.3	6.1 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	7.0	6.5 7 6.443 Yes ent Mean is be 0 0.9594	6.0	6.3	6.1 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	7.0	6.5 7 6.443 Yes ent Mean is be 0 0.9594 0.37512	6.0	6.3	6.1 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	7.0	6.5 7 6.443 Yes ent Mean is be 0 0.9594	6.0	6.3	6.1 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	7.0	6.5 7 6.443 Yes ent Mean is be 0 0.9594 0.37512	6.0	6.3	6.1 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness	7.0	6.5 7 6.443 Yes ent Mean is be 0 0.9594 0.37512 99.614% Sublot 2	6.0 tween RQL Sublot 3	6.3	6.1 a a Sublot 5	6.8 Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5	Sublot 9	Sublot 10		
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	T.0	6.5 7 6.443 Yes ent Mean is be 0 0.9594 0.37512 99.614% Sublot 2 18.7	6.0 tween RQL Sublot 3 17.2	6.3 <pre> </pre> <pre> 6.3 </pre> <pre> and MQL </pre> and MQL Sublot 4 17.4	6.1 a a a a a a a a a a a a a a a a a a a	6.8 Sublot 6 19	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.4	7.0 5.5 8.5				
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 2, In/mi	7.0	6.5 7 6.443 Yes ont Mean is be 0 0.9594 0.37512 99.614% Sublot 2 18.7 21.2	6.0 stween RQL Sublot 3 17.2 20.8	6.3 <pre> </pre> <pre> 6.3 </pre> <pre> 6.4 </pre> <pre> 6.5 </pre> <pre> 6.6 </pre> <pre> 6.7 </pre> <pre> 6.8 </pre> <pre> 6.9 </pre> <pre></pre>	6.1	6.8 Sublot 6 19 21.5	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.4 24.8	7.0 5.5 8.5				
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 5, In/mi Profile Index - Run 5, In/mi	7.0	6.5 7 6.443 Yes ont Mean is be 0 0.9594 0.37512 99.614% Sublot 2 18.7 21.2 21.7	6.0 tween RQL Sublot 3 17.2 20.8 21.5	6.3 <pre><c <="" formul="" pre=""> <pre>cc Formul </pre> <pre>sc Formul </pre> <pre>Sublot 4 </pre> <pre>17.4 </pre> <pre>15.7 </pre> <pre>17.9 </pre></c></pre>	6.1 a a Sublet 5 25.9 22.4 19.8	6.8 Sublot 6 19 21.5 19.8	6.4 Lot AQL, % Lot RQL, % Lot MQL, % 22.4 24.8 22.42	7.0 5.5 8.5				
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	LOT INFORMATION												
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	Bid Price, \$/sq yd	26.59			Begin Statio			554+53.0			_		
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Solution Function (a) Solution (b) Solu													
	*Minimum Number of Sublots = 4, Maxim	um Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	ess than 4 s	sublots)		
									Sublot 8	Sublot 9	Sublot 10	Sublot 11	
	Sublot Area, sq yds Formula >>		1408.00	1408.00	1408.00	1408.00	1408.00	1408.00					
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La Stangin Main Acceptable? <u>Yes</u> <u>Lot MCL pai</u> 5,500 Notes on Lot Strength Mean: Lot Strength Mean: Lot Strength Mean: Lot Strength Mean: Lot Strength Mean: Strength Stan Correction Factor Strength Stan Correction Factor Strength Stan Correction Factor Strength Stan Correction Factor Strength Stan Acceptable? Stabler 1 Sublet 1 Sublet 2 Sublet 3 Sublet 4 Sublet 5 Sublet 5 Sublet 7 Sublet 9 Sublet 10 Sublet 11 Sublet Air Content Mean Strength Mean; Each Air Content Mean Strength Mean; Lot Air Content Mean; L	Resulting Samples per lot (n)				<< Formut	1		Lot AQL, psi	4,500				
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Sub Or. Correction Factor 9.994 Strength Pay Factor: 100.575% AIR CONTENT Subic Af Content Subic 1 Subic 1 </td <td>Notes on Lot Strength Mean:</td> <td>Lot Strength</td> <td>Mean is betw</td> <td>een RQL an</td> <td>MQL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	MQL								
Sub Or. Correction Factor 9.994 Strength Pay Factor: 100.575% AIR CONTENT Subic Af Content Subic 1 Subic 1 </td <td>Number of Non-Conforming Sublots:</td> <td></td> <td>0</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Number of Non-Conforming Sublots:		0		1								
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Let Air Contert Mean Acceptable? Yes Let MQL, % 8.5 Notes on Lot Air Contert Means: Lot Air Contert Means: Lot Air Contert Means: Lot MQL, % 8.5 Number of Non-Conforming Sublots: 0 0 0.5594 0.5594 Lot Air Content Pay Factor: 99.766% 0.5594 0.43751 Air Content Pay Factor: 99.766% 0.0594 22.0 4.6 31.6 7.9 0.0 0.0 Profile Index: Run 1, Ir/mi 22.1 34.9 22.7 20.6 46 31.6 7.9 0.0 0.0 Profile Index: Run 2, Ir/mi 22.1 32.2 20.7 1 0.0									Sublot 8	Sublot 9	Sublot 10	Sublot 11	
Notes on Lot Air Content Mean: Lot Air Content Mean: Lot Air Content Mean: 0 Std. Dev., 's 0.43751 <	Sublot Air Content, %		7.3		6.6	6.7 a		6.1		Sublot 9	Sublot 10	Sublot 11	
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Sid. Dev. Correction Factor 0.9594 Lot Air Content Sid. Dev., % 0.43751 Air Content Pay Factor: 99.766% Smoothness subiot 1 Syncothness Subiot 2 Subiot 1 Subiot 2 Subiot 2 Subiot 3 Subiot 3 Subiot 4 Subiot 4 Subiot 5 Subiot 7 Subiot 5 Subiot 7 Subiot 5 Subiot 7 Subiot 7 Subiot 7 Subiot 1 Subiot 7 Subiot 2 Subiot 7 Subiot 3 Subiot 7 Subiot 3 Subiot 7 Subiot 1 Subiot 7 Subiot 1 Subiot 7 Subiot 1 Subiot 7 Subiot 1 Subiot 7 Subiot 3 Subiot 7 Subiot 1 Subiot 7 Subiot 1 Subiot 7 Subiot 1 Subiot 7 Subiot 1 Subiot 7 Subiot 3 Subiot 7 Subiot 3 Subiot 7 Subiot 3 Subiot 7 Subiot 3 Subiot 7	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.2	7.3 7 6.657 Yes	7.0	6.6 << Formul << Formul	6.7 a		6.1 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
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Smoothness Subiot 1 Subiot 2 Subiot 3 Subiot 5 Subiot 6 Subiot 7 Subiot 8 Subiot 9 Subiot 10 Subiot 10 Profile Index Run 2, in/mi 22 34.9 22.7 20.6 46 31.6 27.9 1	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.2	7.3 7 6.657 Yes ent Mean is be 0	7.0	6.6 «Formul and MQL	6.7 a		6.1 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Profile Index - Run 1, Infmi 22 34.9 22.7 20.6 46 31.6 27.9 Image: State Stat	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.2	7.3 7 6.657 Yes ent Mean is be 0 0.9594	7.0	6.6 «Formul and MQL	6.7 a		6.1 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Profile Index - Run 1, Infmi 22 34.9 22.7 20.6 46 31.6 27.9 Image: State Stat	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.2	7.3 7 6.657 Yes ent Mean is be 0 0.9594 0.43751	7.0	6.6 «Formul and MQL	6.7 a		6.1 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Profile Index - Run 1, Infmi 22 34.9 22.7 20.6 46 31.6 27.9 Image: State Stat	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.2	7.3 7 6.657 Yes ent Mean is be 0 0.9594 0.43751	7.0	6.6 «Formul and MQL	6.7 a		6.1 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11	
Profile Index - Run 2, In/mi 28.3 22.5 25.2 34 29.3 32 20.7 Image: State Stat	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.2	7.3 7 6.657 Yes ent Mean is be 0 0.9594 0.43751 99.766%	7.0	6.6 <pre> <pre> <pre> <pre> </pre> </pre> </pre> </pre> and MQL <pre> <pre> <pre> <pre> <pre> <pre> </pre> </pre> </pre> </pre></pre></pre>	6.7	6.7	6.1 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5				
Profile Index - Run 3, in/mi Profile Index, Run 4, in/mi Profile Index,	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.2	7.3 7 6.657 Yes ent Mean is be 0 0.9594 0.43751 99.766% Sublot 2	7.0 tween RQL Sublot 3	6.6 <pre><c <="" and="" formul="" mql="" pre=""> <c 4<="" formul="" pre="" sublot=""></c></c></pre>	6.7	6.7 Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5				
Sublot Profile Index, Infmi 24.1 25.9 21.7 22.9 33.5 27.8 21.2 Image: Construction of the const	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.2	7.3 7 6.657 Yes ent Mean is be 0 0.9594 0.43751 99.766% Sublot 2 34.9	7.0 tween RQL Sublot 3 22.7	6.6 <pre><c <="" and="" formul="" mql="" pre=""> Sublot 4 20.6</c></pre>	6.7	6.7 Sublot 6 31.6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9	7.0 5.5 8.5				
Resulting Samples per lot (n) 28	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 5, In/mi Profile Index - Run 5, In/mi	6.2	7.3 7 6.657 Yes ont Mean is be 0 0.9594 0.43751 99.766% Sublot 2 34.9 34.9 25.2 27.9	7.0 tween RQL Sublot 3 22.7 25.2 20.2	6.6 <pre><c <="" formul="" pre=""> <pre><c <="" formul="" pre=""> <pre>c< Formul </pre> <pre>Sublot 4 <pre>20.6 34 </pre> <pre>34</pre> </pre></c></pre></c></pre>	6.7 Sublot 5 46 29.3 40	6.7 Sublot 6 31.6 32 24.3	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8	7.0 5.5 8.5				
Lot Profile Index Mean, Infmi 25.300 Ves	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.2	7.3 7 6.657 Yes ant Mean is be 0 0.9594 0.43751 99.766% Sublot 2 34.9 22.5 27.9 18.4	7.0 stween RQL 22.7 25.2 20.2 18.7	6.6 <c formul<br=""><c formul<br="">Sublot 4 20.6 34 15.4 21.7</c></c>	6.7 Sublot 5 46 29.3 40 18.8	6.7 Sublot 6 31.6 32 24.3 23.2	6.1 Lot AQL, % Lot RQL, % Lot MQL, % 20.7 22.8 13.4	7.0 5.5 8.5				
Lot Profile Index Mean, Infmi 25.300 Ves	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.2	7.3 7 6.657 Yes ant Mean is be 0 0.9594 0.43751 99.766% Sublot 2 34.9 22.5 27.9 18.4	7.0 stween RQL 22.7 25.2 20.2 18.7	6.6 <c formul<br=""><c formul<br="">Sublot 4 20.6 34 15.4 21.7</c></c>	6.7 Sublot 5 46 29.3 40 18.8	6.7 Sublot 6 31.6 32 24.3 23.2	6.1 Lot AQL, % Lot RQL, % Lot MQL, % 20.7 22.8 13.4	7.0 5.5 8.5				
Lot Profile Index Mean Acceptable? Yes Lot Walk, in/mi 10.0 Notes on Lot Profile Index Mean: Lot Profile Index Mean is between RQL and MQL Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.09896 Lot Profile Index Std. Dev., in/mi 7.51180 <	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profi	6.2	7.3 7 6.657 Yes ont Mean is be 0 0.9594 0.43751 99.766% Sublot 2 34.9 22.5 9 18.4 25.9	7.0 stween RQL 22.7 25.2 20.2 18.7	6.6 <	6.7 Sublot 5 46 29.3 40 18.8 3.5	6.7 Sublot 6 31.6 32 24.3 23.2	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2	7.0 5.5 8.5 8.5 Sublot 8				
Number of Non-Conforming Sublots: 0 Std. Dev. Correction Factor 0.9896 Lot Profile Index Std. Dev., In/mi 7.51180 Profile Index Pay Factor: 102.343% RESULTS All Pay Factors Determined? All Pay Factors Determined? Yes Max PF Composite 10%, Min PF Composite Rejected? Subjot 1 Area Considered for PRS, sq yds 1408.00 Area Considered for PRS, sq yds 1408.00 Total Area 9856.00 PF Thickness 100.15%, Fr Xm PF Strength 100.15%, Fr Xm PF Strength 100.25%, Fr Xm PF Composite 102.34%, PF Composite Bid (Lot) \$262,071.04	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Profile Index - Run 4, In/mi Sublot Profile Index, In/m Profile Index, In	6.2	7.3 7 6.657 Yes 0 0.9594 0.43751 99.766% Sublot 2 34.9 22.5 27.9 18.4 25.9 28	7.0 stween RQL 22.7 25.2 20.2 18.7	6.6 Communication of the second s	6.7 a b Sublot 5 46 29.3 40 18.8 33.5 a	6.7 Sublot 6 31.6 32 24.3 23.2	6.1 Lot AQL, % Lot RQL, % Lot MQL, % 20.7 22.8 13.4 21.2 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8				
Std. Dev. Correction Factor 0.9896 Lot Profile Index Std. Dev., In/mi 7.51180 Profile Index Pay Factor: 102.343% RESULTS All Pay Factors Determined? Yes Max PF Composite 10%, Min PF Composite All Pay Factor Setermined? Yes Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds 1408.00 PF Trickness 100.19%, PF Strength PF Strength 100.27%, PF Strength PF Composite 102.34%, PF Strength PF Composite 102.38% Bid (Lot) \$262,071.04	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile I	6.2	7.3 7 6.657 Yes nnt Mean is be 0 0.9594 0.43751 99.766% Sublot 2 34.9 22.5 27.9 18.4 25.9 28 25.300	7.0 stween RQL 22.7 25.2 20.2 18.7	6.6 Communication of the second s	6.7 a b Sublot 5 46 29.3 40 18.8 33.5 a	6.7 Sublot 6 31.6 32 24.3 23.2	6.1 Lot AQL, % Lot RQL, % Lot NQL, % 27.9 20.7 22.8 13.4 21.4 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0				
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All Pay Factors Determined? Yes Max PF Composite 110%, Min PF Composite 100, 80% Rejected? Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot 7 Sublot 9 Sublot 10 Sublot 11 Area Not Considered for PRS, sq yds 1408.00 14	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, ccceptable? Notes on Lot Air Contont Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Score Sublots: Sububer of Non-Conforming Sublots: Submer of Non-Conforming Sublots: Submer of Non-Conforming Sublots: Submer of Non-Conforming Sublots: Sub Dev Correction Factor	6.2	7.3 7 6.657 Yes 0 0.9594 0.43751 99.766% Sublot 2 34.9 22.5 97.76% Sublot 2 34.9 22.5 27.9 18.4 25.300 Yes dex Mean is b 0 0.9896	7.0 stween RQL Sublot 3 22.7 25.2 20.2 18.7 21.7	6.6 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 20.6 34 15.4 21.7 22.9 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c fo<="" td=""><td>6.7 Sublet 5 46 29.3 40 18.8 33.5 a a</td><td>6.7 Sublot 6 31.6 32 24.3 23.2</td><td>6.1 Lot AQL, % Lot RQL, % Lot NQL, % 27.9 20.7 22.8 13.4 21.4 Lot AQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0</td><td></td><td></td><td></td></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.7 Sublet 5 46 29.3 40 18.8 33.5 a a	6.7 Sublot 6 31.6 32 24.3 23.2	6.1 Lot AQL, % Lot RQL, % Lot NQL, % 27.9 20.7 22.8 13.4 21.4 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0				
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All Pay Factors Determined? Yes Max PF Composite 110%, Min PF Composite 110%, 80% Rejected? Sublot 1 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot 7 Sublot 9 Sublot 10 Sublot 11 Area Not Considered for PRS, sq yds 1408.00 1	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xu. Pav., In/mi	6.2	7.3 7 6.657 Yes 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.9 28 25.300 Yes 0 0.8986 Kean is be 0 0.9694 0.43751 25.9	7.0 stween RQL Sublot 3 22.7 25.2 20.2 18.7 21.7	6.6 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 20.6 34 15.4 21.7 22.9 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c fo<="" td=""><td>6.7 Sublet 5 46 29.3 40 18.8 33.5 a a</td><td>6.7 Sublot 6 31.6 32 24.3 23.2</td><td>6.1 Lot AQL, % Lot RQL, % Lot NQL, % 27.9 20.7 22.8 13.4 21.4 Lot AQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0</td><td></td><td></td><td></td></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.7 Sublet 5 46 29.3 40 18.8 33.5 a a	6.7 Sublot 6 31.6 32 24.3 23.2	6.1 Lot AQL, % Lot RQL, % Lot NQL, % 27.9 20.7 22.8 13.4 21.4 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0				
Min PF Composite 80% Rejected? Subiot 1 Subiot 2 Subiot 3 Subiot 4 Subiot 5 Subiot 6 Subiot 7 Subiot 8 Subiot 9 Subiot 10 Subiot 11 Area Not Considered for PRS, sq yds Area Not Considered for PRS, sq yds Idea.on Idea.on <td>Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean; In/mi Drofile Index Std. Dev., In/mi Profile Index Pay Factor:</td> <td>6.2</td> <td>7.3 7 6.657 Yes 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.9 28 25.300 Yes 0 0.8986 Kean is be 0 0.9694 0.43751 25.9</td> <td>7.0 stween RQL 22.7 25.2 20.2 18.7 21.7</td> <td>6.6 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 20.6 34 15.4 21.7 22.9 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c fo<="" td=""><td>6.7 Sublet 5 46 29.3 40 18.8 33.5 a a</td><td>6.7 Sublot 6 31.6 32 24.3 23.2</td><td>6.1 Lot AQL, % Lot RQL, % Lot NQL, % 27.9 20.7 22.8 13.4 21.4 Lot AQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0</td><td></td><td></td><td></td></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></td>	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean; In/mi Drofile Index Std. Dev., In/mi Profile Index Pay Factor:	6.2	7.3 7 6.657 Yes 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.9 28 25.300 Yes 0 0.8986 Kean is be 0 0.9694 0.43751 25.9	7.0 stween RQL 22.7 25.2 20.2 18.7 21.7	6.6 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 20.6 34 15.4 21.7 22.9 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c fo<="" td=""><td>6.7 Sublet 5 46 29.3 40 18.8 33.5 a a</td><td>6.7 Sublot 6 31.6 32 24.3 23.2</td><td>6.1 Lot AQL, % Lot RQL, % Lot NQL, % 27.9 20.7 22.8 13.4 21.4 Lot AQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0</td><td></td><td></td><td></td></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.7 Sublet 5 46 29.3 40 18.8 33.5 a a	6.7 Sublot 6 31.6 32 24.3 23.2	6.1 Lot AQL, % Lot RQL, % Lot NQL, % 27.9 20.7 22.8 13.4 21.4 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0				
Sublot 1 Sublot 2 Sublot 2 Sublot 3 Sublot 4 Sublot 5 Sublot 6 Sublot 7 Sublot 8 Sublot 10 Sublot	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, In/mi Sublot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev, wimi RESULTS	6.2	7.3 7 6.657 Yes 0 0.3594 0.43751 99.766% 99.766% 34.9 22.5 27.9 18.4 25.9 28 25.9 28 25.9 28 25.9 28 25.9 28 25.9 28 25.9 28 25.00 Yes 7.51180 102.343%	7.0 stween RQL 22.7 25.2 20.2 18.7 21.7	6.6 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 20.6 34 15.4 21.7 22.9 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c fo<="" td=""><td>6.7 Sublet 5 46 29.3 40 18.8 33.5 a a</td><td>6.7 Sublot 6 31.6 32 24.3 23.2 27.8</td><td>6.1 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot AQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td></td><td></td><td></td></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.7 Sublet 5 46 29.3 40 18.8 33.5 a a	6.7 Sublot 6 31.6 32 24.3 23.2 27.8	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0				
Area Not Considered for PRS, sq yds 1408.00 1408.0	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, In/mi Sublot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev, wimi RESULTS	6.2	7.3 7 6.657 Yes 0 0.3594 0.43751 99.766% 99.766% 34.9 22.5 27.9 18.4 25.9 28 25.9 28 25.9 28 25.9 28 25.9 28 25.9 28 25.9 28 25.00 Yes 7.51180 102.343%	7.0 stween RQL 22.7 25.2 20.2 18.7 21.7	6.6 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 20.6 34 15.4 21.7 22.9 <c formul<br=""><c formul<br="">and MQL <c formul<br=""><c fo<="" td=""><td>6.7 Sublet 5 46 29.3 40 18.8 33.5 a a</td><td>6.7 Sublet 6 31.6 32 24.3 23.2 27.8 Ma</td><td>6.1 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 27.9 20.7 22.8 13.4 21.2 21.2 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td><td></td><td></td><td></td></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c></c>	6.7 Sublet 5 46 29.3 40 18.8 33.5 a a	6.7 Sublet 6 31.6 32 24.3 23.2 27.8 Ma	6.1 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 27.9 20.7 22.8 13.4 21.2 21.2 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0				
Area Considered for PRS, sq yds 1408.00 <td>Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, In/mi Sublot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev, wimi RESULTS</td> <td>6.2</td> <td>7.3 7 6.657 Yes ntt Mean is be 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.300 Yes dex Mean is b 0 0.9896 dex Mean is b 0 0.9896 Xisti 80 Yes</td> <td>7.0 tween RQL Sublot 3 22.7 26.2 20.2 18.7 21.7 21.7 21.7</td> <td>6.6 Sublot 4 20.6 34 15.4 20.6 34 15.4 22.9 <</td> <td>6.7 Sublot 5 46 29.3 40 18.8 33.5 a a</td> <td>6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi</td> <td>6.1 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 27.9 20.7 22.9 13.4 21.2 Lot AQL, In/mi Lot RQL, In/mi Lot RQL, In/mi</td> <td>7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0</td> <td>Sublot 9</td> <td>Sublot 10</td> <td>Sublot 11</td>	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, In/mi Sublot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev, wimi RESULTS	6.2	7.3 7 6.657 Yes ntt Mean is be 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.300 Yes dex Mean is b 0 0.9896 dex Mean is b 0 0.9896 Xisti 80 Yes	7.0 tween RQL Sublot 3 22.7 26.2 20.2 18.7 21.7 21.7 21.7	6.6 Sublot 4 20.6 34 15.4 20.6 34 15.4 22.9 <	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi	6.1 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 27.9 20.7 22.9 13.4 21.2 Lot AQL, In/mi Lot RQL, In/mi Lot RQL, In/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
Total Area 9556.00 PF Thickness 100.19% PF Strength 100.057% PF Air Content 99.77% PF Strength 102.34% PF Composite 102.38% Bid (Lot) \$262,071.04	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi P	6.2	7.3 7 6.657 Yes ntt Mean is be 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.300 Yes dex Mean is b 0 0.9896 dex Mean is b 0 0.9896 Xisti 80 Yes	7.0 tween RQL Sublot 3 22.7 26.2 20.2 18.7 21.7 21.7 21.7	6.6 Sublot 4 20.6 34 15.4 20.6 34 15.4 22.9 <	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi	6.1 Lot AQL, % Lot RQL, % Lot RQL, % Lot MQL, % 27.9 20.7 22.9 13.4 21.2 Lot AQL, In/mi Lot RQL, In/mi Lot RQL, In/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
PF Thickness 100.19% PF Strength 100.57% PF Air Content 99.77% PF Smoothness 102.34% PF Composite 102.88% Bid (Lot) \$262,071.04	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Formula >> Resulting Samples per lot (n) Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds	6.2	7.3 7 6.657 Yes 0 0.3594 0.43751 99.766% 99.766% 34.9 22.5 27.9 18.4 25.9 28 25.9 28 25.9 28 25.9 28 25.9 28 25.9 28 25.300 Yes 0.9896 7.51180 102.343% Yes Subiot 2	7.0 stween RQL Sublot 3 22.7 25.2 20.2 18.7 21.7 21.7 between RQL Sublot 3	6.6 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a Sublot 5	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Sublot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
PF Strength 100.57% PF Air Content 99.77% PF Smoothness 102.34% PF Composite 102.88% Bid (Lot) \$262,071.04	Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi Profile Index Mean, in/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Profile Index Std. Dev., In/mi P	6.2	7.3 7 6.657 Yes ont Mean is be 0 0.9594 0.43751 99.766% Sublot 2 34.9 22.5 34.9 22.5 34.9 22.5 27.9 18.4 25.30 Yes dex Mean is be 0 0.9896 7.51180 102.343% Yes Sublot 2	7.0 stween RQL Sublot 3 22.7 25.2 20.2 18.7 21.7 21.7 between RQL Sublot 3	6.6 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a Sublot 5	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Sublot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
PF Smoothness 102.34% PF Composite 102.88% Bid (Lot) \$262,071.04	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xel. Dev., In/mi Profile Index Xel. Dev., In/mi Profile Index Xel. Dev., In/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Kot Considered for PRS, sq yds Area Considered for PRS, sq yds	6.2	7.3 7.6.657 Yes ont Mean is be 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.90 Yes 0.896 0 0.9896 0 0.9896 0 0.9896 0 1408.00 9856.00	7.0 stween RQL Sublot 3 22.7 25.2 20.2 18.7 21.7 21.7 between RQL Sublot 3	6.6 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a Sublot 5	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Sublot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
PF Composite 102.88% Bid (Lot) \$262,071.04	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Drofile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.2	7.3 7.6.657 Yes ont Mean is be 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.30 Yes dex Mean is b 0 0.9896 7.51180 102.343% Yes Subiot 2 	7.0 stween RQL Sublot 3 22.7 25.2 20.2 18.7 21.7 21.7 between RQL Sublot 3	6.6 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a Sublot 5	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Sublot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
Bid (Lot) \$262,071.04	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index, In/m Pornile Index - Run 4, In/mi Sublot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Mean Acceptable? All Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds Pf Stricngth Pf Air Content	6.2	7.3 7 6.657 Yes nnt Mean is be 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.9 28 28 28 28 28 28 28 28 28 28	7.0 stween RQL Sublot 3 22.7 25.2 20.2 18.7 21.7 21.7 between RQL Sublot 3	6.6 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a Sublot 5	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Sublot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
	Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Pro	6.2	7.3 7 6.657 Yes ont Mean is be 0 0.9594 0.43751 99.766% Sublot 2 34.9 22.5 34.9 22.5 27.9 18.4 25.30 Yes dex Mean is b 0 .98966 7.51180 102.343% Yes Sublot 2 1408.00 9956.00 100.57% 102.34%	7.0 stween RQL Sublot 3 22.7 25.2 20.2 18.7 21.7 21.7 between RQL Sublot 3	6.6 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a Sublot 5	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Sublot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
ray (ior) \$7,550.65	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean.: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xel. Dev., in/mi Profile Index Yest Acceptable? All Pay Factors Determined? Resolutes Area Considered for PRS, sq yds Area Considered for PRS, sq yds PF Strength PF Air Content PF Semothness PF Composite	6.2	7.3 7 6.657 Yes ont Mean is be 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.90 Yes 26 0 Yes 0 0 0.9896 0 0.9896 0 0.9896 0 0.9896 0 0 99.751180 102.343% Yes Subiot 2 1408.00 99.55.00 100.57% 102.348%	7.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	6.6 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a Sublot 5	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Sublot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	
	Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds Pf Strength Pf Air Content Pf Smoothness Pf Composite Bid (Lot)	6.2	7.3 7 6.657 Yes 0 0.9594 0.43751 99.766% Subiot 2 34.9 22.5 27.9 18.4 25.300 Yes 28 25.300 Yes dex Mean is b 0 0.9896 dex Mean is b 0 0.9897 dex Mean is b 0 0.9896 dex Mean is b 0.0976 dex Mean is b 0.0976 dex Mean is b 0.00777 dex Mean is b 0.007777 dex Mean is b 0.007777777777777777777777777777777777	7.0 T.0 T.0 T.0 T.0 T.0 T.0 T.0 T	6.6 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.7 Sublot 5 46 29.3 40 18.8 33.5 a a Sublot 5	6.7 Sublot 6 31.6 32 24.3 23.2 27.8 27.8 Ma Mi Sublot 6	6.1 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 27.9 20.7 22.8 13.4 21.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Sublot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11	

LOT INFORMATION											
Lot Number	EB8]		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio			479+82.0		_		
Lot Length, mi Lot Width, feet	1.4	<< Formula		End Station Number of			554+53.0 1		<< Formul	a	
Lot lane-mi	1.41	<< Formula		Number of S			7				
Resulting Lot Area, sq yds	9856.00	<< Formula		Paving Date			June 5, 6, 7				
Minimum Number of Oublines of Menin	Number of	(Cublete 0			(l			flat having			
*Minimum Number of Sublots = 4, Maxim			except in sp			<u> </u>					
Sublot Area, sg vds	Sublot 1 1408.00	Sublot 2 1408.00	Sublot 3 1408.00	Sublot 4 1408.00	Sublot 5 1408.00	Sublot 6 1408.00	Sublot 7 1408.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00		i	1	1
THICKNESS											
Thickness - Probe 1, in	12.50	12.50	12.75	12.50	12.63	12.75	12.75				
Thickness - Probe 2, in	13.00	12.38	12.50	12.38	12.50	12.75	12.75				
Thickness - Probe 3, in Thickness - Probe 4, in	12.63 12.75	12.50 12.75	12.63 12.63	12.50 12.25	12.50 12.38	13.00 13.00	13.00 13.00				
Thickness - Probe 5, in	12.75	12.75	12.50	13.00	12.30	12.50	12.38				
Thickness - Probe 6, in	12.50	12.50	12.75	12.75	12.50	12.63	12.50				
Thickness - Probe 7, in	12.75	12.50	12.50 12.25	12.50	12.75 13.00	13.00	12.50				
Thickness - Probe 8, in Sublot Thickness, in Formula >>	12.38 12.63	12.25 12.45	12.25	12.50 12.55	12.63	13.00 12.83	12.50 12.67				
Resulting Samples per lot (n)		56		<< Formut			Lot AQL, in	12.5			
Lot Thickness Mean, in		12.617		<< Formut	3		Lot RQL, in	11.5			
Lot Thickness Mean Acceptable?		Yes		1			Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween KQL a								
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor Lot Thickness Std. Dev., in		0.9952		<< Formut	a						
Thickness Pay Factor:		100.322%									
ETDENCTU											
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi Strength - Cylinder 2, psi	5010 5050	5050 4850	5580 5590	5230 4940	4910 4960	6160 5830	5490 5480				
Sublot Strength, psi Formula >>	5030	4950	5585	5085	4935	5995	5485				
									1		
Resulting Samples per lot (n) Lot Strength Mean, in		7 5295.000		<< Formut			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an								
-				1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor Lot Strength Std. Dev., in		0.9594		<< Formula							
Strength Pay Factor:		100.801%			_						
		100.00170									
	Cubled 4	Cubled 0	Cubles 2	Cubles 4	Cubles C	Cubles	Cubles 7	Cubled 0	Cubled O	Cubled 40	Cubles 44
AIR CONTENT Sublot Air Content, %	Sublot 1 6.2	Sublot 2 6.7	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7 6.0	Sublot 8	Sublot 9	Sublot 10	Sublot 11
AIR CONTENT Sublot Air Content, %	-	6.7			-	Sublot 6 6.0			Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)	-	6.7 7		6.7	6.7 a		6.0 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	-	6.7 7 6.329		6.7	6.7 a		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.2	6.7 7 6.329 Yes	6.0	6.7	6.7 a		6.0 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.2	6.7 7 6.329 Yes ent Mean is be	6.0	6.7	6.7 a		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.2	6.7 7 6.329 Yes ent Mean is be 0	6.0	6.7	6.7 a		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.2	6.7 7 6.329 Yes ent Mean is be 0 0.9594	6.0	6.7 <	6.7 a		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.2	6.7 7 6.329 Yes ent Mean is be 0 0.9594 0.36957	6.0	6.7	6.7 a		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.2	6.7 7 6.329 Yes ent Mean is be 0 0.9594	6.0	6.7 <	6.7 a		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.2	6.7 7 6.329 Yes ent Mean is be 0 0.9594 0.36957	6.0	6.7 <	6.7 a		6.0 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.2	6.7 7 6.329 Yes ent Mean is be 0 0.9594 0.36957 99.522% Sublot 2	6.0 tween RQL Sublot 3	6.7 Sublot 4	6.7 a a Sublot 5	6.0 Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5	Sublot 9	Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi	6.2	6.7 7 6.329 Yes ont Mean is be 0 0.9594 0.36957 99.522% Sublot 2 14.7	6.0 stween RQL Sublot 3 24	6.7 <c formul<br="">and MQL <c formul<br="">Sublot 4 21.8</c></c>	6.7	6.0 Sublot 6 23.7	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 20.5	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.2	6.7 7 6.329 Yes ent Mean is be 0 0.9594 0.36957 99.522% Sublot 2	6.0 tween RQL Sublot 3	6.7 Sublot 4	6.7 a a Sublot 5	6.0 Sublot 6	6.0 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 1, In/mi Profile Index - Run 4, In/mi Profile Index - Run 4, In/mi	6.2	6.7 7 6.329 Yes ant Mean is be 0 0.9594 0.36957 99,522% Sublot 2 14.7 18.5 15.5 16.4	6.0 stween RQL 24 22.9 17.1 14.3	6.7 cc Formul cc Formul and MQL Sublot 4 21.8 22.7 15	6.7	6.0 Sublot 6 23.7 23.7 20 15.5	6.0 Lot AQL, % Lot RQL, % Lot MQL, % 20.5 20.2 19 17.3	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 5, In/mi Profile Index - Run 5, In/mi	6.2	6.7 7 6.329 Yes ent Mean is be 0 0.9594 0.36957 99.522% Sublot 2 14.7 18.5 15.5	6.0 tween RQL Sublot 3 24 22.9 17.1	6.7 <c formul<br=""><c formul<br="">and MQL <c formul<br="">Sublot 4 21.8 22.7 18.5</c></c></c>	6.7 a a Sublot 5 28.8 28.7 21.8	6.0 Sublot 6 23.7 23.7 20	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 20.5 20.2 19	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profil	6.2	6.7 7 6.329 Yes ant Mean is be 0 0.9594 0.36957 99,522% Sublot 2 14.7 18.5 15.5 16.4	6.0 stween RQL 24 22.9 17.1 14.3	6.7 cc Formul cc Formul and MQL Sublot 4 21.8 22.7 15	6.7 Sublot 5 28.8 28.7 21.8 19.3 24.7	6.0 Sublot 6 23.7 23.7 20 15.5	6.0 Lot AQL, % Lot RQL, % Lot MQL, % 20.5 20.2 19 17.3	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile In	6.2	6.7 7 6.329 Yes ent Mean is be 0 0.9594 0.36957 99.522% Sublot 2 14.7 18.5 15.5 16.4 16.3	6.0 stween RQL 24 22.9 17.1 14.3	6.7 Formul Formul Sublot 4 21.8 22.7 18.5 15 19.5	6.7 a b Sublot 5 28.8 28.7 21.8 19.3 24.7 a	6.0 Sublot 6 23.7 23.7 20 15.5	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 20.5 20.2 19 17.3 19.3 Lot AQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index Mean, In/mi Lot Profile Index Mean, In/mi Lot Profile Index Mean Acceptable?	6.2	6.7 7 6.329 Yes ont Mean is be 0 0.9594 0.36957 99.522% Subiot 2 14.7 18.5 15.5 16.4 16.3 28 20.766 Yes	6.0 stween RQL Sublot 3 24 22.9 17.1 14.3 19.6	6.7 << Formul and MQL << Formul Sublot 4 21.8 22.7 18.5 15 19.5	6.7 a b Sublot 5 28.8 28.7 21.8 19.3 24.7 a	6.0 Sublot 6 23.7 23.7 20 15.5	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 20.5 20.2 19 17.3 19.3 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Drofile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.2	6.7 7 6.329 Yes nt Mean is be 0 0.9594 0.36957 99,522% Subiot 2 14.7 18.5 15.5 16.4 16.3 28 20.768 Yes 0 0 0.9996 4.56721 104.572% Yes Subiot 2 1408.00 995520 100.32%	6.0 stween RQL Sublot 3 24 22.9 17.1 19.6 between RQL Sublot 3	6.7 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 28.8 28.7 21.8 19.3 24.7 a a Sublot 5 Control 10 Control 10	6.0 Sublot 6 23.7 23.7 20.7 15.5 20.7 8 8 0.7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 19 17.3 19.3 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Pro	6.2	6.7 7 6.329 Yes ont Mean is be 0 0.3594 0.36957 99.522% Sublot 2 14.7 16.5 15.5 16.4 16.3 28 20.768 Yes 20.768 Yes 0 0.3896 4.56721 104.5772% Yes Sublot 2 140.600 99.522%	6.0 tween RQL 3 24 22.9 17.1 14.3 19.6 setween RQL 9 9 9 9 9 9 9 14.3 19.6 19.	6.7 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 28.8 28.7 21.8 19.3 24.7 a a Sublot 5 Sublot 5	6.0 Sublot 6 23.7 23.7 20.7 15.5 20.7 8 8 0.7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 19 17.3 19.3 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, Caceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 2, In/mi Profile Index - Run 3, In/mi Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean.: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Xed. Dev., in/mi Profile Index Yad. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Trickness PF Strength PF Air Content PF Strength PF Air Content PF Smoothness PF Composite	6.2	6.7 7 6.329 Yes nnt Mean is be 0 0.9594 0.36957 99.522% 99.522% Subiot 2 14.7 16.5 16.4 16.3 28 20.768 Yes 0 0.38967 Yes Subiot 2 1408.00 9855.00 100.82% 105.22%	6.0 stween RQL 22.9 17.1 14.3 19.6 setween RQL 22.9 17.1 14.3 19.6 14.3 14.3 14.3 14.3 19.6 14.3 14.3 19.6 14.3 14.3 19.6 14.3 14.3 19.6 14.3 14.3 19.6 14.3 14.0 14.3 14.0 14.3 14.0	6.7 Sublot 4 Sublot 4 Sublot 4	6.7 a b Sublot 5 28.8 28.7 21.8 19.3 24.7 a a Sublot 5 Sublot 5	6.0 Sublot 6 23.7 23.7 20.7 15.5 20.7 8 8 0.7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6.0 Lot AQL, % Lot RQL, % Lot MQL, % Lot MQL, % 19 17.3 19.3 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi x PF Composite Subiot 7	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	EB9	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	26.59			Begin Statio			408+00.0				
Lot Length, mi	1.4	<< Formula		End Station			479+82.0		<< Formul	a	
Lot Width, feet Lot lane-mi	12	<< Formula		Number of			1				
Resulting Lot Area, sq yds	9576.00	<< Formula		Paving Date			, June 7, 8				
		•				•					
*Minimum Number of Sublots = 4, Maxim	num Number o	f Sublots = 8,	except in sp	ecial cases	e.g. last day	paving or w	hen possibility o	f lot having	less than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9576.00	1408.00	1408.00	1408.00	1408.00	1408.00	1128.00				
THICKNESS	0070.00										
Thickness - Probe 1, in	12.25	12.50	12.50	12.50	12.63	12.50	12.50				
Thickness - Probe 2, in	12.50	12.50	12.50	12.63	12.50	12.38	12.63				
Thickness - Probe 3, in	12.50	12.63	12.38	12.50	12.50	12.50	12.25				
Thickness - Probe 4, in	12.50	12.63	12.50	12.25	12.75	12.75	12.50				
Thickness - Probe 5, in Thickness - Probe 6, in	12.50	12.50 12.38	12.75 12.75	12.50 12.50	12.63 12.63	12.75 12.63	12.75 12.50				
Thickness - Probe 7, in	12.63	12.38	12.75	12.50	12.03	12.63	12.50				
Thickness - Probe 8, in	12.50	12.50	12.75	12.50	12.75	12.63					
Sublot Thickness, in Formula >>	12.52	12.50	12.58	12.49	12.64	12.60	12.52				
	r	54		<< Formut				40.5			
Resulting Samples per lot (n) Lot Thickness Mean, in		54 12.550		<< Formut			Lot AQL, in Lot RQL, in	12.5 11.5			
Lot Thickness Mean Acceptable?		Yes			_		Lot MQL, in	13.0			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween ROL a	nd MOI							
			d	1							
Number of Non-Conforming Sublots:	L	0									
Std. Dev. Correction Factor Lot Thickness Std. Dev., in		0.9951 0.13248		<< Formut							
Thickness Pay Factor:		100.159%									
okiloso r uy r actor.											
OTDENCE											
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5970 5650	5530 5220	5600 5310	4930 4740	4800 4700	4870 4920	4540 4170				
Strength - Cylinder 2, psi Sublot Strength, psi Formula >>	5810	5375	5455	4740	4700	4920	4355				
Resulting Samples per lot (n)		7		<< Formul			Lot AQL, psi	4,500			
Lot Strength Mean, in		5067.857		<< Formul	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?	I	Yes		J			Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor	L	0.9594									
Lot Strength Std. Dev., in		519.12131		<< Formula	•						
Strength Pay Factor:		100.580%									
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublat 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublat 10	Sublot 11
AIR CONTENT Sublot Air Content, %	Sublot 1 6.5	Sublot 2 6.5	Sublot 3 6.5	Sublot 4 6.4	Sublot 5 6.5	Sublot 6 6.5	Sublot 7 6.4	Sublot 8	Sublot 9	Sublot 10	Sublot 11
								Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n)		6.5 7		6.4	6.5 a		6.4 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in		6.5 7 6.471		6.4	6.5 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.5	6.5 7 6.471 Yes	6.5	6.4	6.5 a		6.4 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.5	6.5 7 6.471 Yes ent Mean is be	6.5	6.4	6.5 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable?	6.5	6.5 7 6.471 Yes	6.5	6.4	6.5 a		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.5 7 6.471 Yes ent Mean is be 0 0.9594	6.5	6.4 «Formul and MQL	6.5		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.5 7 6.471 Yes ent Mean is be 0	6.5	6.4	6.5		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	6.5 7 6.471 Yes ent Mean is be 0 0.9594	6.5	6.4 «Formul and MQL	6.5		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.5 7 6.471 Yes ent Mean is be 0 0.9594 0.05086	6.5	6.4 «Formul and MQL	6.5		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conferming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.5	6.5 7 6.471 Yes ent Mean is be 0 0.9594 0.05086 99.681%	6.5	6.4 <	6.5	6.5	6.4 Lot AQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	6.5 7 6.471 Yes ent Mean is be 0 0.9594 0.05086	6.5	6.4 «Formul and MQL	6.5		6.4 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Std. Dev., % Air Content Pay Factor: Smoothness	6.5	6.5 7 6.471 Yes ent Mean is be 0 0.9594 0.05086 99.681% Sublot 2	6.5 tween RQL Sublot 3	6.4 <pre> <pre> <pre> </pre> </pre> and MQL </pre> <pre> <pre> <pre> <pre> <pre> </pre> </pre> </pre> </pre> Sublot 4 </pre>	6.5	6.5 Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.5	6.5 7 6.471 Yes ant Mean is be 0 0.9594 0.05086 99.681% Sublot 2 24.1 24.4 16.1	6.5 tween RQL Sublot 3 26.7 22.7 21.8	6.4 <pre> <pre> <pre> </pre> </pre> 6.4 </pre> <pre> <pre> <pre> <pre> </pre> <pre> <pre> <pre> <pre> <pre> </pre> <pre> <</pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	6.5 Sublot 5 18.9 13.3 17.5	6.5 Sublot 6 21.4 28.1 18.4	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.2	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.5	6.5 7 6.471 Yes ant Mean is be 0 0.9594 0.05086 99.681% Sublot 2 24.1 24.4 16.1 15.4	6.5 stween RQL 26.7 22.7 21.8 22	6.4 <c formul<br=""><c formul<br=""><c formul<br="">Sublot 4 30.9 27.4 27.7 18</c></c></c>	6.5 Sublot 5 18.9 13.3 17.5 13.7	6.5 Sublot 6 21.4 26.1 18.4 21.7	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.2 18.15	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi	6.5	6.5 7 6.471 Yes ant Mean is be 0 0.9594 0.05086 99.681% Sublot 2 24.1 24.4 16.1	6.5 tween RQL Sublot 3 26.7 22.7 21.8	6.4 <pre> <pre> <pre> </pre> </pre> 6.4 </pre> <pre> <pre> <pre> <pre> </pre> <pre> <pre> <pre> <pre> <pre> </pre> <pre> <</pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	6.5 Sublot 5 18.9 13.3 17.5	6.5 Sublot 6 21.4 28.1 18.4	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.2	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi	6.5	6.5 7 6.471 Yes ant Mean is be 0 0.9594 0.05086 99.681% Sublot 2 24.1 24.4 16.1 15.4	6.5 stween RQL 26.7 22.7 21.8 22	6.4 <c formul<br=""><c formul<br=""><c formul<br="">Sublot 4 30.9 27.4 27.7 18</c></c></c>	6.5 Sublot 5 18.9 13.3 17.5 13.7 13.7	6.5 Sublot 6 21.4 26.1 18.4 21.7	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.2 18.15	7.0 5.5 8.5			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, ccceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dav. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Profile I	6.5	6.5 7 6.471 Yes ent Mean is be 0 0.9594 0.05086 99.681% Sublet 2 24.1 24.4 16.1 15.4 20.0 20 228 20.551	6.5 stween RQL 26.7 22.7 21.8 22	6.4 c< Formul and MQL Sublot 4 30.9 27.4 27.7 18 26.0	6.5 Sublet 5 18.9 13.3 17.5 13.7 15.9	6.5 Sublot 6 21.4 26.1 18.4 21.7	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.15 18.15 18.15 20.2 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0			
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, In/mi Lot Profile Index Mean Acceptable?	6.5	6.5 7 6.471 Yes 0 0.3594 0.5086 99.681% Subiot 2 24.1 24.4 15.4 20.0 28 20.551 Yes	6.5 stween RQL 26.7 22.7 21.8 22 23.3	6.4 <c formul<br="">and MQL <c formul<br="">Sublot 4 30.9 27.4 27.7 18 26.0 <c formul<br=""><c formul<br=""><c formul<="" td=""><td>6.5 Sublet 5 18.9 13.3 17.5 13.7 15.9</td><td>6.5 Sublot 6 21.4 26.1 18.4 21.7</td><td>6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi</td><td>7.0 5.5 8.5 Sublot 8</td><td></td><td></td><td></td></c></c></c></c></c>	6.5 Sublet 5 18.9 13.3 17.5 13.7 15.9	6.5 Sublot 6 21.4 26.1 18.4 21.7	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi	7.0 5.5 8.5 Sublot 8			
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Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, ic Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index	6.5	6.5 7 6.471 Yes 0 0.9594 0.5086 99.681% 24.1 24.4 16.1 15.4 24.4 16.1 15.4 20.0 28 20.551 Yes 0.9896 4.73177 104.648%	6.5 stween RQL 26.7 22.7 21.8 22 23.3	6.4 ex Formul and MQL ex Formul Sublot 4 30.9 27.4 27.7 18 26.0 ex Formul and MQL	6.5 Sublet 5 18.9 13.3 17.5 13.7 15.9 a	6.5 Sublet 6 21.4 26.1 18.4 21.7 21.9	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi Lot MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0			Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Dublot Profile Index Mean in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., In/m	6.5	6.5 7 6.471 7 9 0.9594 0.05086 9 9.681% 9 24.1 24.4 15.4 15.4 15.4 20.551 7 8 20.551 7 8 0 0.9394 20.551 7 8 20.551 7 8 20.551 7 9 28 20.551 7 9 28 20.551 7 9 28 20.551 7 9 28 20.551 7 9 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 20.551 20.551 7 20.551 20.5	6.5 tween RQL Sublot 3 26.7 22.7 21.8 22 23.3 between RQL	6.4 Sublot 4 30.9 27.4 27.7 18 26.0 <	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 21.9 Ma Mi	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean; In/mi Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Profile Index Aun 3, In/mi Profile Index Mean; In/mi Lot Profile Index Mean; In/mi Corforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean; In/mi Profile Index Std. Dev., In/mi Profile Index Pay Factor: RESULTS AII Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds	6.5	6.5 7 6.471 Yes 0 0.9594 0.5086 99.681% 24.1 24.4 15.4 20.0 28 20.551 Yes 0 0.9896 4.73177 104.648% Yes Sublot 2	6.5 stween RQL Sublot 3 26.7 22.7 21.6 22 23.3 between RQL Sublot 3	6.4 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a Sublot 5	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 X1.9 Ma Min Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, % 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi r MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Dublot Profile Index Mean in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., In/m	6.5	6.5 7 6.471 7 9 0.9594 0.05086 9 9.681% 9 24.1 24.4 15.4 15.4 15.4 20.551 7 8 20.551 7 8 0 0.9394 20.551 7 8 20.551 7 8 20.551 7 9 28 20.551 7 9 28 20.551 7 9 28 20.551 7 9 28 20.551 7 9 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 28 20.551 7 20.5510 20.5510	6.5 tween RQL Sublot 3 26.7 22.7 21.8 22 23.3 between RQL	6.4 Sublot 4 30.9 27.4 27.7 18 26.0 <	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 21.9 Ma Mi	6.4 Lot AQL, % Lot RQL, % Lot MQL, % Sublot 7 22.9 21.69 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index	6.5	6.5 7 6.471 9 0.0594 0.05066 99.681% 99.681% Sublot 2 24.1 24.1 15.4 20.551 Yes 20.551 Yes dex Mean is b 0 0.9896 4.73177 104.648% Yes Sublot 2 1408.00 9576.00 100.16%	6.5 stween RQL Sublot 3 26.7 22.7 21.6 22 23.3 between RQL Sublot 3	6.4 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a Sublot 5	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 X1.9 Ma Min Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, % 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi r MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi All Pay Factors Determined? Results Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.5	6.5 7 6.471 9 0.03594 0.05086 99.681% Subiot 2 24.1 24.4 15.4 20.0 28 20.551 Yes 0 0 0.9896 4.73177 104.648% Yes Subiot 2 1408.00 9576.00 100.16%	6.5 stween RQL Sublot 3 26.7 22.7 21.6 22 23.3 between RQL Sublot 3	6.4 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a Sublot 5	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 X1.9 Ma Min Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, % 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi r MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 4, In/mi Sublot Profile Index Mean, in/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean; in/mi Profile Index Std. Dev., in/mi Profile Index Mean; in/mi Profile Index Mean; in/mi Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Pay Factor:	6.5	6.5 7 6.471 Yes 8 99.681% 99.681% 99.681% 99.681% 24.1 24.1 24.4 16.1 15.4 15.4 15.4 15.4 20.0 28 20.551 Yes 0 0.9396 4.73177 104.648% Yes Subiot 2 1408.00 9576.00 100.16% 100.58% 99.68%	6.5 stween RQL Sublot 3 26.7 22.7 21.6 22 23.3 between RQL Sublot 3	6.4 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a Sublot 5	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 X1.9 Ma Min Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, % 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi r MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Lot Profile Index Mean, in/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Mean, in/mi All Pay Factors Determined? Results Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Total Area PF Thickness PF Strength	6.5	6.5 7 6.471 9 0.03594 0.05086 99.681% Subiot 2 24.1 24.4 15.4 20.0 28 20.551 Yes 0 0 0.9896 4.73177 104.648% Yes Subiot 2 1408.00 9576.00 100.16%	6.5 stween RQL Sublot 3 26.7 22.7 21.6 22 23.3 between RQL Sublot 3	6.4 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a Sublot 5	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 X1.9 Ma Min Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, % 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi r MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Subiot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Profile Index - Run 3, In/mi Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean Acceptable? Number of Non-Conforming Subiots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Std. Dev., Correction Factor Lot Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., In/mi Profile Index Std. Dev., Std. Dev. Area Considered for PRS, sq yds Total Area PF Strength PF Air Content PF Smoothness	6.5	6.5 7 6.471 9 0.0594 0.05066 9 9.681% Sublot 2 24.1 24.4 15.4 20.551 Yes 20.551 Yes 20.551 Yes 20.551 Yes 0.9896 4.73177 104.648% Yes Sublot 2 1408.00 9576.00 100.16% 100.58%	6.5 stween RQL 5ublot 3 26.7 22.7 21.8 21.8 22 23.3 between RQL 5ublot 3 1408.00	6.4 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a Sublot 5	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 X1.9 Ma Min Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, % 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi r MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Pay Factor: Smoothness Profile Index - Run 3, In/mi Profile Index Mean; n/mi Lot Profile Index Mean; n/mi Lot Profile Index Mean; n/mi Lot Profile Index Mean Acceptable? Notes on Lot Profile Index Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Profile Index Std. Dev., in/mi Profile Index Std. Dev., in/mi Profile Index Pay Factor: RESULTS Ail Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Area Considered for PRS, sq yds F Strength PF Air Content PF Strength PF Air Content PF Strength PF Are Double	6.5	6.5 7 6.471 9 6.471 0 0 0.9594 0.5086 9 9.681% 24.1 24.1 24.4 15.4 20.5 20.551 20.551 20.551 20.551 20.551 15.4 20.5 15.4 20.5 15.4 20.5 15.4 20.5 15.4 20.5	6.5 stween RQL 56.7 22.7 21.8 22 23.3 between RQL 50.7 22.7 21.3 22 23.3 1408.00	6.4 Sublot 4 Sublot 4 Sublot 4 Sublot 4	6.5 Sublot 5 18.9 13.3 17.5 13.7 15.9 a a Sublot 5	6.5 Sublot 6 21.4 26.1 18.4 21.7 21.9 X1.9 Ma Min Sublot 6	6.4 Lot AQL, % Lot RQL, % Lot MQL, % 22.9 21.69 18.2 18.15 20.2 Lot AQL, in/mi Lot RQL, in/mi Lot RQL, in/mi r MQL, in/mi	7.0 5.5 8.5 Sublot 8 30.0 50.0 10.0	Sublot 9	Sublot 10	Sublot 11

LOT INFORMATION											
Lot Number	WB10	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95			Begin Statio	on		554+65.0				
Lot Length, mi	1.4	<< Formula		End Station			628+50.0		<< Formu	la	
Lot Width, feet	12	<< Formula		Number of L			1				
Lot lane-mi Resulting Lot Area, sq yds	1.40 9856.00	<< Formula	_	Number of S Paving Date			7 April 17, 18, 19				
Resulting Lot Alea, sq yas	5050.00	I		T uving Dute	.(3)		7,01117,10,10				
*Minimum Number of Sublots = 4, Maxin	num Number o	of Sublots = 8,	except in sp	ecial cases (e.g. last day	paving or w	hen possibility o	of lot having	less than 4	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
THICKNESS	9856.00										
THICKNESS	9.50	0.05	0.50	0.75	8.00	0.25	8.00			1	1
Thickness - Probe 1, in Thickness - Probe 2, in	8.50 9.00	8.25 8.25	8.50 8.50	8.75 9.00	8.00 8.25	8.25 8.50	8.00 8.00				
Thickness - Probe 3, in	8.50	8.00	8.50	9.00	8.25	8.00	8.00				
Thickness - Probe 4, in	9.00	8.00	8.50	9.00	8.25	8.00	8.00				
Thickness - Probe 5, in	8.50	8.25	8.50	8.75	8.00	8.25	8.25				
Thickness - Probe 6, in Thickness - Probe 7, in	8.50 8.50	8.00 8.50	8.50 9.00	8.50 8.50	8.25 8.25	8.25 8.00	8.25 8.50				
Thickness - Probe 8, in	8.50	8.50	9.00	8.75	8.25	8.25	8.50				
Sublot Thickness, in Formula >>	8.63	8.22	8.63	8.78	8.19	8.19	8.19				
	-			1	1						
Resulting Samples per lot (n) Lot Thickness Mean, in	L	56 8.402		<< Formula			Lot AQL, in Lot RQL, in	8.0 7.0			
Lot Thickness Mean Acceptable?		Yes					Lot MQL, in	8.5			
Notes on Lot Thickness Mean:	Lot Thicknes	ss Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9952		1							
Lot Thickness Std. Dev., in		0.31296		<< Formula	1						
Thickness Pay Factor:		100.885%		•							
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5140	4750	5510	5380	6000	4920	5820				
Strength - Cylinder 2, psi	4930	4920	5550	5550	6090	5020	5440				
Sublot Strength, psi Formula >>	5035	4835	5530	5465	6045	4970	5630				
Resulting Samples per lot (n)		7		<< Formula			Lot AQL, psi	4,500			
Lot Strength Mean, in		5358.571		<< Formula	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes]			Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	d MQL							
Number of Non-Conforming Sublots:		0		1							
-		0.9594		J							
Std. Dev. Correction Factor Lot Strength Std. Dev., in		449.40428		<< Formula							
Strength Pay Factor:		100.813%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Subjet 10	Sublot 11
Sublot Air Content, %	7.2	6.3	6.5	7.0	6.6	6.9	6.6	Gubior o	oublot 5		oublot 11
Resulting Samples per lot (n)	L	7		<< Formula	_		Lot AQL, %	7.0			
Lot Air Content Mean, in Lot Air Content Mean Acceptable?		6.729 Yes		<< Formula	a		Lot RQL, % Lot MQL, %	5.5 8.5			
Notes on Lot Air Content Mean:	Lot Air Cont	ent Mean is be	otwoon POI	and MOI			LOU WIGE, 76	0.5			
	Lot All Collin		etween Koz								
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594		1							
Lot Air Content Std. Dev., %		0.32804		< Formula	·						
Air Content Pay Factor:		99.831%									
RESULTS											
All Pay Factors Determined?		Yes				Ma	x PF Composite	110%			
	Cublic	Cubber	Cubber	Cubber	Cubler 5		n PF Composite	80%	Cubling	Cublic (C	Subles 44
Rejected?	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Area Not Considered for PRS, sq yds											
Area Considered for PRS, sq yds	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
Total Area		9856.00		1							
PF Thickness RE Strongth		100.88%									
PF Strength PF Air Content		<u>100.81%</u> 99.83%									
PF Composite		101.53%									
Bid (Lot)	\$	206,483.20)								
()											
Pay (lot)		3,165.56	5								

LOT INFORMATION											
Lot Number	WB11]		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95			Begin Statio	on		479+99.0				
Lot Length, mi	1.4	<< Formula		End Station			554+65.0		<< Formu	a	
Lot Width, feet	12	<< Formula	_	Number of L			1				
Lot lane-mi Resulting Lot Area, sq yds	1.41 9856.00	<< Formula		Number of S Paving Date			7 April 19, 20				
	-										
*Minimum Number of Sublots = 4, Maxin		f Sublots = 8,	except in sp	ecial cases (paving or wi	hen possibility o	of lot having	less than 4	sublots)	
Sublot Area, sq yds Formula>>	Sublot 1 1408.00 9856.00	Sublot 2 1408.00	Sublot 3 1408.00	Sublot 4 1408.00	Sublot 5 1408.00	Sublot 6 1408.00	Sublot 7 1408.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
THICKNESS	9656.00										
Thickness - Probe 1, in	8.25	8.25	8.25	8.00	8.00	8.75	8.25				
Thickness - Probe 2, in	9.00	8.25	8.25	8.00	8.50	8.50	8.50				
Thickness - Probe 3, in	8.00	8.25	8.25	8.25	8.25	9.00	8.25				
Thickness - Probe 4, in Thickness - Probe 5, in	8.50 8.50	8.25 8.25	8.25 8.00	8.25 8.25	8.00 8.25	9.00 8.50	8.25 8.50				
Thickness - Probe 6, in	8.00	8.00	8.25	8.25	8.25	8.75	8.25				
Thickness - Probe 7, in	8.00	8.25	8.25	8.25	8.75	8.50	8.50				
Thickness - Probe 8, in	8.00	8.25	8.25	8.25	8.50	8.50	8.50	C	0		
Sublot Thickness, in Formula >>	8.28	8.22	8.22	8.19	8.31	8.69	8.38				
		50		<< Formula		1	1				
Resulting Samples per lot (n) Lot Thickness Mean, in	L	56 8.326		<< Formula			Lot AQL, in Lot RQL, in	8.0 7.0			
Lot Thickness Mean Acceptable?		Yes					Lot MQL, in	8.5			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL		•					
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9952		_							
Lot Thickness Std. Dev., in		0.25313		<< Formula	1						
Thickness Pay Factor:		100.791%									
<u>STRENGTH</u>	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi Strength - Cylinder 2, psi	6310 6470	5550 5660	5500 5400	5850 5760	5930 5820	5200 5980	5130 4780				
Strength - Cylinder 2, psi Sublot Strength, psi Formula >>	6390	5605	5400 5450	5805	5820 5875	5980 5590	4780				
Resulting Samples per lot (n)		7		<< Formula	-		Lot AQL, psi	4,500			
Lot Strength Mean, in	L	5667.143		<< Formula	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes				l	Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Strength Me	Mean is great an			or Lot						
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		1							
Lot Strength Std. Dev., in		456.09465		<< Formula	1						
Strength Pay Factor:		100.882%									
enengin i ky i kotori											
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	6.4	6.7	7.1	6.5	6.4	6.5	7.0				
				1	. 1	ſ					
Resulting Samples per lot (n) Lot Air Content Mean, in	<u> </u>	7 6.657		<< Formula			Lot AQL, % Lot RQL, %	7.0 5.5			
Lot Air Content Mean Acceptable?		Yes					Lot MQL, %	8.5			
Notes on Lot Air Content Mean:	Lot Air Conte	ent Mean is be	etween RQL	and MQL		•					
				1							
Number of Non-Conforming Sublots:		0		_							
Std. Dev. Correction Factor		0.9594		1							
Lot Air Content Std. Dev., %	L	0.30003		<< Formula							
Air Content Pay Factor:		99.783%									
<u>RESULTS</u>											
All Pay Factors Determined?		Yes					x PF Composite	110%			
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Mir Sublot 6	n PF Composite Sublot 7	80% Sublot 8	Sublot 9	Sublet 10	Sublot 11
Rejected?			Cabiot 3		Cabiol S		Cabiol 1	Cabiot o	Cabiol 3		
Area Not Considered for PRS, sq yds											
Area Considered for PRS, sq yds	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
Total Area		9856.00		1							
PF Thickness PF Strength		100.79% 100.88%									
PF Strength PF Air Content		99.78%		1							
	-										
PF Composite		101.46%									
	\$	101.46% 206,483.20)								
PF Composite											

LOT INFORMATION											
Lot Number	WB12	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95			Begin Static	on		408+00.0				
Lot Length, mi	1.4	<< Formula		End Station			479+99.0		<< Formu	la	
Lot Width, feet	12	<< Formula		Number of L			1				
Lot lane-mi Resulting Lot Area, sq yds	1.36 9598.00	<< Formula		Number of S Paving Date			7 April 20, 21				
			_								
*Minimum Number of Sublots = 4, Maxin	num Number o	of Sublots = 8,	except in sp	ecial cases (e.g. last day	paving or wi	hen possibility o	of lot having	less than 4	sublots)	
Sublot Area, sq yds Formula >>	Sublot 1 1408.00	Sublot 2 1408.00	Sublot 3 1408.00	Sublot 4 1408.00	Sublot 5 1408.00	Sublot 6 1408.00	Sublot 7 1150.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
	9598.00										
THICKNESS		1	-	1						1	
Thickness - Probe 1, in	8.50	8.25	8.00	8.50	8.25	8.50	8.25				
Thickness - Probe 2, in Thickness - Probe 3, in	8.50 8.00	8.25 8.00	8.25 8.00	8.50 8.50	8.50 8.25	8.00 8.25	8.50 8.00				
Thickness - Probe 4, in	8.75	8.25	8.00	8.50	8.00	8.00	8.00				
Thickness - Probe 5, in	8.25	8.50	8.00	8.50	8.50	8.25	8.25				
Thickness - Probe 6, in	8.25	8.50	8.00	8.50	8.00	8.25	8.25				
Thickness - Probe 7, in	8.25	8.00	8.75	8.25	8.25	8.00					
Thickness - Probe 8, in Sublot Thickness, in Formula >>	8.75 8.41	8.00 8.22	8.50 8.19	8.50 8.47	8.00 8.22	8.25 8.19	8.21				
Resulting Samples per lot (n)		54		<< Formula			Lot AQL, in	8.0			
Lot Thickness Mean, in		8.273		<< Formula	1		Lot RQL, in	7.0			
Lot Thickness Mean Acceptable?		Yes]		l	Lot MQL, in	8.5			
Notes on Lot Thickness Mean:	Lot Thicknes	ss Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0]							
Std. Dev. Correction Factor		0.9951		<< Formula							
Lot Thickness Std. Dev., in		0.23031		< Formula							
Thickness Pay Factor:		100.725%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5740	6080	6130	5940	5860	6340	6380	Gubior o	oublot 5	Gablet IV	
Strength - Cylinder 2, psi	5500	6040	6200	5830	6020	6070	6430				
Sublot Strength, psi Formula >>	5620	6060	6165	5885	5940	6205	6405				
Resulting Samples per lot (n)		7		<< Formula	a	ĺ	Lot AQL, psi	4,500			
Lot Strength Mean, in		6040.000		<< Formula	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes				l	Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength Strength Me	Mean is great	ter than MQL	Use MQL f	or Lot						
Number of New Confermine Cubleter	Strength Me	0		1							
Number of Non-Conforming Sublots:				J							
Std. Dev. Correction Factor Lot Strength Std. Dev., in		0.9594 264.68177		<< Formula							
Strength Pay Factor:		101.019%		4							
ouchgurr ay ractor.		101.01370									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	6.5	6.8	6.0	6.6	6.5	6.3	6.0				
		_		1 .		r					
Resulting Samples per lot (n) Lot Air Content Mean, in	<u> </u>	7 6.386		<< Formula			Lot AQL, % Lot RQL, %	7.0 5.5			
Lot Air Content Mean, In Lot Air Content Mean Acceptable?		Yes					Lot MQL, %	5.5 8.5			
Notes on Lot Air Content Mean:	Lot Air Cont	ent Mean is be	etween RQL	and MQL							
Number of Non-Conforming Sublots:		0		1							
				J							
Std. Dev. Correction Factor Lot Air Content Std. Dev., %		0.9594 0.31517		<< Formula							
Air Content Pay Factor:		99.576%									
RESULTS All Pay Factors Determined?		Yes				Ma	x PF Composite	110%			
All Fay Factors Determined?		Tes					n PF Composite	80%			
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Rejected?											
Area Not Considered for PRS, sq yds	1409.00	1409.00	1409.00	1409.00	1409.00	1408.00	1150.00				
Area Considered for PRS, sq yds Total Area	1408.00	1408.00 9598.00	1408.00	1408.00	1408.00	1408.00	1150.00				
		100.72%		1							
PF Thickness		100.72%									
PF Thickness PF Strength		101.02%									
PF Thickness PF Strength PF Air Content		101.02% 99.58%									
PF Thickness PF Strength PF Air Content PF Composite		101.02% 99.58% 101.32%)								
PF Thickness PF Strength PF Air Content		101.02% 99.58%									

LOT INFORMATION											
Lot Number	WB13	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95			Begin Static	n		554+65.0				
Lot Length, mi	1.4	<< Formula		End Station			628+50.0		<< Formu	la	
Lot Width, feet	10	<< Formula		Number of L			1				
Lot lane-mi Resulting Lot Area, sq yds	1.40 6751.00	<< Formula		Number of S Paving Date			7 April 12, 14				
			_								
*Minimum Number of Sublots = 4, Maxim	num Number o	f Sublots = 8,	except in sp	ecial cases (e.g. last day	paving or w	hen possibility o	of lot having	less than 4	sublots)	
Sublot Area, sq yds Formula >>	Sublot 1 1173.00	Sublot 2 871.00	Sublot 3 1173.00	Sublot 4 594.00	Sublot 5 594.00	Sublot 6 1173.00	Sublot 7 1173.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
	6751.00										
THICKNESS			-	1		-				1	1
Thickness - Probe 1, in	8.00	8.00	8.00	8.00	8.25	8.50	8.50				
Thickness - Probe 2, in Thickness - Probe 3, in	8.00 8.25	8.00 8.88	9.00 8.50	8.25 8.25	8.25 8.25	8.25 8.25	8.75 8.25				
Thickness - Probe 4, in	8.00	10.00	8.50	8.50	8.25	8.50	8.00				
Thickness - Probe 5, in	8.00		8.00			8.00	8.50				
Thickness - Probe 6, in	8.50		9.00			8.25	8.50				
Thickness - Probe 7, in	8.25		8.00			8.25	8.25				
Thickness - Probe 8, in Sublot Thickness, in Formula >>	8.25 8.16	8.72	8.50 8.44	8.25	8.25	8.25 8.28	8.25 8.38				
	0.10	0.72	0.44	0.25	0.25	0.20	0.00				
Resulting Samples per lot (n)		44		<< Formula			Lot AQL, in	8.0			
Lot Thickness Mean, in	<u> </u>	8.338	_	<< Formula			Lot RQL, in	7.0			
Lot Thickness Mean Acceptable?	L	Yes		1			Lot MQL, in	8.5			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9939		1	1						
Lot Thickness Std. Dev., in	L	0.37166		< Formula							
Thickness Pay Factor:		100.788%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	4930	5190	5020	5950	Casicito	Cusioro	5420	Gubiere	Casicito	Cubict IC	
Strength - Cylinder 2, psi	5130	4950	5070	5740			5200				
Sublot Strength, psi Formula >>	5030	5070	5045	5845			5310				
Resulting Samples per lot (n)		5		<< Formula	1		Lot AQL, psi	4,500			
Lot Strength Mean, in		5260.000		<< Formula			Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL and	MQL							
				1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor Lot Strength Std. Dev., in		0.9399 368.54146		<< Formula							
Strength Pay Factor:		100.820%									
		100.02078									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	7.0	7.3	7.2	6.9			7.3				
Resulting Samples nor let (n)		5		<< Formula			Lot AQL, %	7.0			
Resulting Samples per lot (n) Lot Air Content Mean, in		5 7.140		<< Formula			Lot AQL, % Lot RQL, %	7.0 5.5			
Lot Air Content Mean, In Lot Air Content Mean Acceptable?		Yes					Lot MQL, %	8.5			
Notes on Lot Air Content Mean:	Lot Air Conte	ent Mean is be	etween RQL	and MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9399		I							
Lot Air Content Std. Dev., %		0.9399		<< Formula							
Air Content Pay Factor:		100.102%									
RESULTS											
All Pay Factors Determined?		Yes				Ma	x PF Composite	110%			
							n PF Composite	80%			
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Rejected?											
Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds	1173.00	871.00	1173.00	594.00	594.00	1173.00	1173.00				
Total Area		6751.00									
PF Thickness		100.79%									
PF Strength		100.82%									
PF Air Content PF Composite		100.10% 101.72%		I							
Bid (Lot)	\$	141,433.45	;								
Pay (lot)		2,430.33									
	Þ	2,430.33									

LOT INFORMATION											
Lot Number	WB14	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95			Begin Static	n		479+99.0				
Lot Length, mi	1.4	<< Formula		End Station			554+65.0		<< Formul	a	
Lot Width, feet	10	<< Formula	_	Number of L			1				
Lot lane-mi Resulting Lot Area, sq yds	1.41 8211.00	<< Formula		Number of S Paving Date			7 April 14, 18				
			_				· ·				
*Minimum Number of Sublots = 4, Maxin	um Number o	f Sublots = 8,	except in sp	ecial cases (e.g. last day	paving or wl	hen possibility o	f lot having	less than 4 s	sublots)	
Sublot Area, sq yds Formula >>	Sublot 1 1173.00	Sublot 2 1173.00	Sublot 3 1173.00	Sublot 4 1173.00	Sublot 5 1173.00	Sublot 6 1173.00	Sublot 7 1173.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
THICKNESS	8211.00										
Thickness - Probe 1, in	8.00	8.25	8.50	8.25	8.25	8.25	8.25				
Thickness - Probe 2, in	8.00	8.50	8.50	8.25	8.50	8.50	8.50				
Thickness - Probe 3, in	8.00	8.00	8.25	8.00	8.50	8.00	8.50				
Thickness - Probe 4, in	8.75	9.00	8.50	8.00	8.50	8.00	8.75				
Thickness - Probe 5, in Thickness - Probe 6, in	8.25 8.25	8.00 8.75	8.25 8.25	8.50 8.75	8.25 8.00	8.25 8.25	8.00 9.00				
Thickness - Probe 7, in	8.50	8.50	8.50	8.75	8.00	8.00	8.00				
Thickness - Probe 8, in	8.50	8.25	8.25	9.00	8.00	8.00	8.75				
Sublot Thickness, in Formula >>	8.28	8.41	8.38	8.44	8.25	8.16	8.47				
				1	1	r					
Resulting Samples per lot (n)	<u> </u>	56		<< Formula			Lot AQL, in	8.0			
Lot Thickness Mean, in Lot Thickness Mean Acceptable?		8.339 Yes		<< Pormula			Lot RQL, in Lot MQL, in	7.0 8.5			
	L of Thickney					L	LOT MOL, III	0.5			
Notes on Lot Thickness Mean:	Lot micknes	s Mean is bet									
Number of Non-Conforming Sublots:		0]							
Std. Dev. Correction Factor		0.9952		<< Formula	1						
Lot Thickness Std. Dev., in		0.29308									
Thickness Pay Factor:		100.803%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5660	5630	5120	6120	4970	5950	5170				
Strength - Cylinder 2, psi	5870	5620	5230	6170	5150	5910	5020				
Sublot Strength, psi Formula >>	5765	5625	5175	6145	5060	5930	5095				
		7		<< Formula		ſ		4 500			
Resulting Samples per lot (n) Lot Strength Mean, in	<u> </u>	7 5542.143		<< Formula			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:		Mean is grea	ter than MQI	- Use MQL f	or Lot						
	Strength Mea			1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594									
				-							
Lot Strength Std. Dev., in		453.85601		<< Formula							
				< Formula							
Lot Strength Std. Dev., in Strength Pay Factor:		453.85601		< Formula							
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT	Sublot 1	453.85601 100.883% Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor:	Sublot 1 6.5	453.85601 100.883%	Sublot 3 6.6			Sublot 6 6.4	Sublot 7 6.7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, %		453.85601 100.883% Sublot 2		Sublot 4	Sublot 5 6.8			Sublot 8	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT		453.85601 100.883% Sublot 2 6.1		Sublot 4 6.3	Sublot 5 6.8		6.7		Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n)		453.85601 100.883% Sublot 2 6.1 7		Sublot 4 6.3	Sublot 5 6.8		6.7 Lot AQL, %	7.0	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486	6.6	Sublot 4 6.3 <	Sublot 5 6.8		6.7 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be	6.6	Sublot 4 6.3 <	Sublot 5 6.8		6.7 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0	6.6	Sublot 4 6.3 <	Sublot 5 6.8		6.7 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594	6.6	Sublot 4 6.3 <	Sublot 5 6.8		6.7 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123	6.6	Sublot 4 6.3 <	Sublot 5 6.8		6.7 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594	6.6	Sublot 4 6.3 <	Sublot 5 6.8		6.7 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123	6.6	Sublot 4 6.3 <	Sublot 5 6.8		6.7 Lot AQL, % Lot RQL, %	7.0 5.5	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665%	6.6	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123	6.6	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5 110%	Sublot 9	Sublot 10	Sublot 11
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665%	6.6	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5	Sublot 9	Sublot 10	
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected?	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes	6.6 etween RQL	Sublot 4 6.3 << Formul and MQL	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5 110% 80%			
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes Sublot 2	6.6 etween RQL	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, % PF Composite Sublot 7	7.0 5.5 8.5 110% 80%			
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean. Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes Sublot 2 	6.6 etween RQL	Sublot 4 6.3 << Formul and MQL	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, %	7.0 5.5 8.5 110% 80%			
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Aot Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes Sublot 2 1173.00 8211.00	6.6 etween RQL	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, % PF Composite Subiot 7	7.0 5.5 8.5 110% 80%			
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean. Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes Sublot 2 	6.6 etween RQL	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, % PF Composite Subiot 7	7.0 5.5 8.5 110% 80%			
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes Sublot 2 1173.00 8211.00 8211.00 100.88% 99.67%	6.6 etween RQL	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, % PF Composite Subiot 7	7.0 5.5 8.5 110% 80%			
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Area Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content PF Composite	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes Sublot 2 1173.00 8211.00 100.80% 100.88% 101.35%	6.6 stween RQL	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, % PF Composite Subiot 7	7.0 5.5 8.5 110% 80%			
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content PF Composite Bid (Lot)	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes Sublot 2 1173.00 8211.00 8211.00 100.88% 99.67%	6.6 stween RQL	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, % PF Composite Subiot 7	7.0 5.5 8.5 110% 80%			
Lot Strength Std. Dev., in Strength Pay Factor: AIR CONTENT Sublot Air Content, % Resulting Samples per lot (n) Lot Air Content Mean, in Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Area Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content PF Composite	6.5	453.85601 100.883% Sublot 2 6.1 7 6.486 Yes ent Mean is be 0 0.9594 0.25123 99.665% Yes Sublot 2 1173.00 8211.00 100.80% 100.88% 101.35%	6.6 stween RQL	Sublot 4 6.3 <	Sublot 5 6.8	6.4	6.7 Lot AQL, % Lot RQL, % Lot MQL, % PF Composite Subiot 7	7.0 5.5 8.5 110% 80%			

LOT INFORMATION											
Lot Number	WB15]		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95	_		Begin Statio		<u> </u>	408+00.0		<< Formul		
Lot Length, mi Lot Width, feet	1.4	<< Formula		End Station Number of L		├ ───	479+99.0 1		<< Pormu	a	
Lot lane-mi	1.36	<< Formula		Number of S		<u> </u>	7				
Resulting Lot Area, sq yds	7999.00	<< Formula		Paving Date			April 18		1		
*Minimum Number of Sublots = 4, Maxi	num Number o	of Sublots = 8	excent in sr	ecial cases ((e.a. last dav	naving or w	hen possibility (of lot having	less than 4	sublots)	
Sublot Area, sq yds Formula >>	Sublot 1 1173.00 7999.00	Sublot 2 1173.00	Sublot 3 1173.00	Sublot 4 1173.00	Sublot 5 1173.00	Sublot 6 1173.00	Sublot 7 961.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
THICKNESS			-		-		-			-	
Thickness - Probe 1, in	8.25	8.25	8.00	8.25	8.00	9.00	8.25				
Thickness - Probe 2, in Thickness - Probe 3, in	8.25	8.25 8.25	8.25 8.00	8.50 8.25	8.00 8.50	8.75 8.25	8.25 8.00				
Thickness - Probe 4, in	8.00	8.25	8.00	8.25	8.25	8.50	8.00				
Thickness - Probe 5, in	8.00	8.25	8.75	8.50	8.00	8.25	8.50				
Thickness - Probe 6, in	8.50	8.50	8.50	8.25	8.25	8.50	8.25				
Thickness - Probe 7, in Thickness - Probe 8, in	8.25	8.50 8.50	8.25 8.50	8.25 8.75	8.25 8.25	8.50 8.25					
Sublot Thickness, in Formula >>	8.22	8.34	8.28	8.38	8.19	8.50	8.21				
		•									
Resulting Samples per lot (n)	<u> </u>	54		<< Formula			Lot AQL, in				
Lot Thickness Mean, in		8.306 Yes		<< Formula	a		Lot RQL, in Lot MQL, in				
Lot Thickness Mean Acceptable?			DOI]			LOU WIGE, III	0.5	J		
Notes on Lot Thickness Mean:	Lot Inicknes	ss Mean is bet	ween RQL a	na MQL							
Number of Non-Conforming Sublots:		0		<u>]</u>							
Std. Dev. Correction Factor	-	0.9951		<< Formula							
Lot Thickness Std. Dev., in		0.22717			1						
Thickness Pay Factor:		100.769%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5170	4470	5190	4490	5490	4910	5670	Subiot o	Subiot 9	Subiot IV	
Strength - Cylinder 2, psi	5020	4380	5080	4790	5460	4830	5930				
Sublot Strength, psi Formula >>	5095	4425	5135	4640	5475	4870	5800				
	-	7		<< Formula	. [4 500	1		
Resulting Samples per lot (n) Lot Strength Mean, in		7 5062.857		<< Formula			Lot AQL, psi Lot RQL, psi				
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi				
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	d MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		-							
Lot Strength Std. Dev., in		493.01075		<< Formula	1						
Strength Pay Factor:		100.598%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	6.7	6.8	6.7	7.4	6.5	6.9	6.9		<u> </u>	<u> </u>	<u> </u>
Resulting Samples per lot (n)		7		<< Formula	a		Lot AQL, %	7.0	1		
Lot Air Content Mean, in		6.843		<< Formula			Lot RQL, %				
Lot Air Content Mean Acceptable?		Yes		1			Lot MQL, %				
Notes on Lot Air Content Mean:	Lot Air Cont	ent Mean is be	etween RQL	and MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		J							
Lot Air Content Std. Dev., %		0.29393		<< Formula	a						
Air Content Pay Factor:		99.918%									
RESULTS											
All Pay Factors Determined?		Yes				Ма	x PF Composite	110%			
							n PF Composite				
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Rejected?											
Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds	1173.00	1173.00	1173.00	1173.00	1173.00	1173.00	961.00				
Total Area		7999.00		_							
PF Thickness		100.77%		-							
PF Strength		100.60%		-							
PF Air Content PF Composite		99.92% 101.29%		1							
Bid (Lot)	\$	5167,579.05	5								
Pay (lot)		52,157.90									
	T	,									

LOT INFORMATION											
Lot Number	EB10	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95			Begin Statio	n		554+53.0				
Lot Length, mi	1.4	<< Formula		End Station			628+50.0		<< Formu	la	
Lot Width, feet	12	<< Formula		Number of L			1				
Lot lane-mi Resulting Lot Area, sq yds	1.40 9856.00	<< Formula		Number of S Paving Date		N	7 1ay 23, 24, June	5			
	-		_								
*Minimum Number of Sublots = 4, Maxin	um Number o	f Sublots = 8,	except in sp	ecial cases (paving or wi	hen possibility o	of lot having		sublots)	
Sublot Area, sq yds Formula >>	Sublot 1 1408.00	Sublot 2 1408.00	Sublot 3 1408.00	Sublot 4 1408.00	Sublot 5 1408.00	Sublot 6 1408.00	Sublot 7 1408.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
THICKNESS	9856.00										
Thickness - Probe 1, in	8.25	8.50	7.75	8.50	8.25	8.25	8.25			1	
Thickness - Probe 2, in	8.13	8.75	8.25	8.13	8.50	8.25	8.00				
Thickness - Probe 3, in	8.75	8.75	8.50	8.00	8.25	9.00	8.50				
Thickness - Probe 4, in	8.13	8.75	8.50	8.25	8.50	8.50	8.38				
Thickness - Probe 5, in	8.50 8.25	8.25 8.50	8.50 8.50	8.50 8.25	8.00 8.13	8.25 8.25	8.50 8.50				
Thickness - Probe 6, in Thickness - Probe 7, in	8.25	8.50	8.00	8.25	8.25	8.13	8.50				
Thickness - Probe 8, in	8.25	8.25	8.13	8.25	8.25	8.13	8.25				
Sublot Thickness, in Formula >>	8.31	8.53	8.27	8.27	8.27	8.35	8.36				
				1	_	r					
Resulting Samples per lot (n)		56		<< Formula			Lot AQL, in	8.0			
Lot Thickness Mean, in Lot Thickness Mean Acceptable?		8.336 Yes		<< Pormula			Lot RQL, in Lot MQL, in	7.0 8.5			
	L of Thickney	s Mean is bet	ween POL -			l	Lot Mige, III	0.0			
Notes on Lot Thickness Mean:	Lot Thicknes		ween RUL a								
Number of Non-Conforming Sublots:		0]							
Std. Dev. Correction Factor	-	0.9952		<< Formula	. 1						
Lot Thickness Std. Dev., in	L	0.22806									
Thickness Pay Factor:		100.808%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	4730	4950	4760	5050	4720	5380	5360				
Strength - Cylinder 2, psi	4950	5100	5090	5210	4680	5120	5090				
Sublot Strength, psi Formula >>	4840	5025	4925	5130	4700	5250	5225				
	_	7		<< Formula		ſ		4 500			
Resulting Samples per lot (n) Lot Strength Mean, in	<u> </u>	5013.571		<< Formula			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an								
notes en zet en engan mean	Lot ottoligui		oon nu zan	1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594		-							
Lot Strength Std. Dev., in		213.01138		<< Formula							
Strength Pay Factor:		100.788%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	7.0	6.9	6.4	7.0	6.5	6.3	6.7				
Resulting Samples per lot (n)		7		<< Formula	a	1	Lot AQL, %	7.0			
Lot Air Content Mean, in		6.686		<< Formula	a -		Lot RQL, %	5.5			
Lot Air Content Mean Acceptable?		Yes]			Lot MQL, %	8.5			
Notes on Lot Air Content Mean:	Lot Air Conte	ent Mean is be	etween RQL	and MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		1							
Lot Air Content Std. Dev., %		0.30346		<< Formula	.						
	-			J							
Air Content Pay Factor:		99.803%									
RESULTS											
		Yes				Max	x PF Composite	110%			
All Pay Factors Determined?							n PF Composite	80%			
All Pay Factors Determined?			Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
All Pay Factors Determined?	Sublot 1	Sublot 2									
Rejected?	Sublot 1	Sublot 2									
Rejected? Area Not Considered for PRS, sq yds			1409.00	1409.00	1409.00	1409.00	1408 00				
Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds	Sublot 1	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
Rejected? Area Not Considered for PRS, sq yds			1408.00	1408.00	1408.00	1408.00	1408.00				
Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area		1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00				
Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content		1408.00 9856.00 100.81% 100.79% 99.80%	1408.00	1408.00	1408.00	1408.00	1408.00				
Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content PF Composite	1408.00	1408.00 9856.00 100.81% 100.79% 99.80% 101.40%		1408.00	1408.00	1408.00	1408.00				
Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content	1408.00	1408.00 9856.00 100.81% 100.79% 99.80%)	1408.00	1408.00	1408.00	1408.00				

LOT INFORMATION											
Lot Number	EB11	1		Project No.			1011-01-88		[
Bid Price, \$/sq yd	20.95			Begin Static	on		479+82.0				
Lot Length, mi	1.4	<< Formula		End Station			554+53.0		<< Formu	la	
Lot Width, feet	12	<< Formula	_	Number of L		<u> </u>	1				
Lot lane-mi Resulting Lot Area, sq yds	1.41 9856.00	<< Formula		Number of S Paving Date			7 June 5, 6, 7				
resulting for Area, sq yas		4		T uving Dute	.(3)	L	bune 0, 0, 7				
*Minimum Number of Sublots = 4, Maxin	num Number o	of Sublots = 8,	except in sp	ecial cases (e.g. last day	v paving or w	hen possibility o	of lot having	less than 4	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00				
THICKNESS											
Thickness - Probe 1, in	8.00	8.50	8.75	8.25	8.25	8.25	8.25				
Thickness - Probe 2, in	8.13	8.75	8.00	8.50	8.13	8.25	8.25				
Thickness - Probe 3, in	8.25	8.50	8.25	8.13	8.50	7.88	8.13				
Thickness - Probe 4, in Thickness - Probe 5, in	8.13 8.25	8.75 8.00	8.13 8.13	8.50 8.25	8.00 8.00	8.00 8.50	8.25 8.00				
Thickness - Probe 6, in	8.38	8.13	8.00	8.50	8.13	8.75	8.13				
Thickness - Probe 7, in	8.50	8.25	8.00	8.13	8.00	8.00	8.50				
Thickness - Probe 8, in	8.50	8.25	8.25	8.00	8.25	8.00	8.25		C		
Sublot Thickness, in Formula >>	8.27	8.39	8.19	8.28	8.16	8.20	8.22				<u> </u>
Resulting Samples per lot (n)		56		<< Formula	a		Lot AQL, in	8.0	1		
Lot Thickness Mean, in		8.244		<< Formula			Lot RQL, in				
Lot Thickness Mean Acceptable?		Yes					Lot MQL, in				
Notes on Lot Thickness Mean:	Lot Thicknes	ss Mean is bet	tween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9952									
Lot Thickness Std. Dev., in		0.22461		<< Formula	1						
Thickness Pay Factor:		100.680%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5470	5680	5410	4840	4820	5670	5290				
Strength - Cylinder 2, psi	5440	5330	5290	4980 4910	5140 4980	5890 5780	5200				
Sublot Strength, psi Formula >>	5455	5505	5350	4910	4980	5780	5245			<u> </u>	I
Resulting Samples per lot (n)		7		<< Formula	1		Lot AQL, psi	4,500			
Lot Strength Mean, in		5317.857		<< Formula	a		Lot RQL, psi				
Lot Strength Mean Acceptable?		Yes		l			Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL and	d MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		J							
Lot Strength Std. Dev., in		316.79237		<< Formula							
Strength Pay Factor:		100.887%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	6.1	6.2	6.9	6.6	6.7	5.7	6.3				
		-		1			1		1		
Resulting Samples per lot (n) Lot Air Content Mean, in	<u> </u>	7 6.357		<< Formula			Lot AQL, % Lot RQL, %	7.0 5.5			
Lot Air Content Mean Acceptable?		Yes					Lot MQL, %				
Notes on Lot Air Content Mean:	Lot Air Cont	ent Mean is be	etween RQL	and MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor		0.9594		J							
Lot Air Content Std. Dev., %		0.42492		<< Formula							
Air Content Pay Factor:		99.537%									
RESULTS		Vee						4400/			
All Pay Factors Determined?		Yes					x PF Composite n PF Composite				
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Rejected?											
Area Not Considered for PRS, sq yds	4400.00	4400.00	4400.00	4400.00	4400.00	4400.00	4400.00				
Area Considered for PRS, sq yds	1408.00	1408.00 9856.00	1408.00	1408.00	1408.00	1408.00	1408.00				
Total Area PF Thickness		100.68%									
Total Area											
Total Area PF Thickness PF Strength PF Air Content		100.68% 100.89% 99.54%									
Total Area PF Thickness PF Strength PF Air Content PF Composite		100.68% 100.89% 99.54% 101.10%									
Total Area PF Thickness PF Strength PF Air Content PF Composite Bid (Lot)		100.68% 100.89% 99.54% 101.10% 206,483.20									
Total Area PF Thickness PF Strength PF Air Content PF Composite		100.68% 100.89% 99.54% 101.10%									

LOT INFORMATION											
Lot Number	EB12	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95			Begin Static	on		408+00.0				
Lot Length, mi	1.4	<< Formula		End Station			479+82.0		<< Formu	la	
Lot Width, feet	12	<< Formula	_	Number of L			1				
Lot lane-mi Resulting Lot Area, sq yds	1.36 9576.00	<< Formula		Number of S Paving Date			7 June 7, 8				
			_								
*Minimum Number of Sublots = 4, Maxin	num Number o	f Sublots = 8,	except in sp	ecial cases (e.g. last day	paving or wi	hen possibility o	of lot having	less than 4	sublots)	
Sublot Area, sq yds	Sublot 1 1408.00	Sublot 2 1408.00	Sublot 3 1408.00	Sublot 4 1408.00	Sublot 5 1408.00	Sublot 6 1408.00	Sublot 7 1128.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
	9576.00	1400.00	1400.00	1400.00	1400.00	1400.00	1120.00				
THICKNESS											
Thickness - Probe 1, in	8.13	8.50	8.50	8.13	8.13	8.50	8.13				
Thickness - Probe 2, in	7.88	8.13	8.25	8.00	7.88	8.00	8.25				
Thickness - Probe 3, in Thickness - Probe 4, in	8.13 8.13	8.25 8.25	8.50 8.50	8.50 8.00	8.25 8.00	8.25 8.13	8.50 8.25				
Thickness - Probe 5, in	8.13	8.13	9.00	7.88	8.50	8.13	8.00				
Thickness - Probe 6, in	8.25	8.13	9.00	8.25	7.88	8.00	8.00				
Thickness - Probe 7, in	8.13	8.25	8.00	7.75	8.75	8.25					
Thickness - Probe 8, in Sublot Thickness, in Formula >>	8.00 8.10	8.50 8.27	8.13 8.49	7.75 8.03	8.75 8.27	8.50 8.22	8.19				
Sublot Thickness, in Formula >>	0.10	0.27	0.49	0.03	0.27	0.22	0.19				
Resulting Samples per lot (n)		54		<< Formula	1	[Lot AQL, in	8.0			
Lot Thickness Mean, in		8.224		<< Formula	1		Lot RQL, in	7.0			
Lot Thickness Mean Acceptable?		Yes		J		l	Lot MQL, in	8.5			
Notes on Lot Thickness Mean:	Lot Thicknes	ss Mean is bet	tween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0]							
Std. Dev. Correction Factor		0.9951		1							
Lot Thickness Std. Dev., in		0.27694		<< Formula	•						
Thickness Pay Factor:		100.611%									
STRENGTH											
STRENGTH Strength - Cylinder 1, psi	Sublot 1 5430	Sublot 2 5930	Sublot 3 5340	Sublot 4 5280	Sublot 5 4980	Sublot 6 5050	4550	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 2, psi	5410	5670	5030	5490	5360	4870	4440				
Sublot Strength, psi Formula >>	5420	5800	5185	5385	5170	4960	4495				
				<< Formula		r					
Resulting Samples per lot (n) Lot Strength Mean, in		7 5202.143		<< Formula			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an								
				1							
Number of Non-Conforming Sublots:		0		J							
Std. Dev. Correction Factor		0.9594		<< Formula							
Lot Strength Std. Dev., in Strongth Bay Easter:		425.17187 100.742%									
Strength Pay Factor:		100.742 /0									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Subjet 10	Sublot 11
Sublot Air Content, %	6.0	6.5	6.3	6.2	6.6	6.4	6.4	Subiot 0	Subiot 9	Subiot To	Subiot 11
Resulting Samples per lot (n)		7		<< Formula			Lot AQL, %	7.0			
Lot Air Content Mean, in Lot Air Content Mean Acceptable?		6.343 Yes		<< Formula	a		Lot RQL, % Lot MQL, %	5.5 8.5			
Notes on Lot Air Content Mean:	Lot Air Conte	ent Mean is be	etween ROI	and MOI		L	Lot mat, /o	0.0			
				1							
Number of Non-Conforming Sublots:		0]							
Std. Dev. Correction Factor		0.9594		<< Formula							
Lot Air Content Std. Dev., %		0.20722			<u> </u>						
Air Content Pay Factor:		99.558%									
<u>RESULTS</u>											
All Pay Factors Determined?		Yes					x PF Composite	110%			
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Mir Sublot 6	n PF Composite Sublot 7	80% Sublot 8	Sublot 9	Sublet 10	Sublot 11
Rejected?											
Area Not Considered for PRS, sq yds											
Area Considered for PRS, sq yds	1408.00	1408.00	1408.00	1408.00	1408.00	1408.00	1128.00				
Total Area PF Thickness		9576.00 100.61%		1							
PF Strength		100.74%									
PF Air Content		99.56%									
PF Composite		100.91%									
Bid (Lot)		200,617.20									
Pay (lot)	\$	1,824.28	5								

LOT INFORMATION											
Lot Number	EB13	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95				Begin Station		554+53.0				
Lot Length, mi	1.4	<< Formula		End Station			628+50.0		<< Formu	la	
Lot Width, feet	10	<< Formula		Number of Lanes			1				
Lot lane-mi Resulting Lot Area, sq yds	1.40 6801.00	<< Formula		Number of Sublots* Paving Date(s)		7 May 22, June 8, 9					
	-	4	_				<u>.</u>				
*Minimum Number of Sublots = 4, Maxin	num Number o	of Sublots = 8,	except in sp	pecial cases (e.g. last day	paving or w	hen possibility o	of lot having	less than 4	sublots)	
Sublot Area, sq yds Formula >>	Sublot 1 565.00	Sublot 2 565.00	Sublot 3 1173.00	Sublot 4 1173.00	Sublot 5 979.00	Sublot 6 1173.00	Sublot 7 1173.00	Sublot 8	Sublot 9	Sublot 10	Sublot 11
	6801.00										
THICKNESS			-		n	-			-	-	
Thickness - Probe 1, in	8.75	10.00	8.00	8.25	8.63	8.25	8.63				
Thickness - Probe 2, in Thickness - Probe 3, in	8.75 9.00	8.75 8.13	8.25 8.13	8.50 8.25	8.50 8.50	8.25 8.00	8.63 8.25				
Thickness - Probe 4, in	8.75	8.13	8.25	8.25	8.63	8.38	8.25				
Thickness - Probe 5, in			8.25	8.13	8.50	8.25	8.50				
Thickness - Probe 6, in			8.50	8.13	8.50	8.38	8.50				
Thickness - Probe 7, in	L		8.50	8.13	-	8.50	8.50				
Thickness - Probe 8, in Sublot Thickness, in Formula >>	8.81	8.75	8.38 8.28	8.00 8.21	8.54	8.63 8.33	8.25 8.44				
	0.01	0.75	0.20	0.21	0.04	0.00	0.44				
Resulting Samples per lot (n)		46		<< Formula			Lot AQL, in	8.0			
Lot Thickness Mean, in	L	8.425		<< Formula			Lot RQL, in	7.0			
Lot Thickness Mean Acceptable?		Yes		J			Lot MQL, in	8.5			
Notes on Lot Thickness Mean:	Lot Thicknes	ss Mean is bet	ween RQL a	IND MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9942		-							
Lot Thickness Std. Dev., in		0.33337		<< Formula	•						
Thickness Pay Factor:		100.914%									
STRENGTH											
Strength - Cylinder 1, psi	Sublot 1 5720	Sublot 2 5250	Sublot 3 4400	Sublot 4 4360	Sublot 5 4970	Sublot 6 6010	Sublot 7 5100	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 2, psi	5620	4920	4280	4260	5310	5680	5250				
Sublot Strength, psi Formula >>	5670	5085	4340	4310	5140	5845	5175				
				<< Formula			1	4 500			
Resulting Samples per lot (n) Lot Strength Mean, in	<u> </u>	7 5080.714		<< Formula			Lot AQL, psi Lot RQL, psi	4,500 3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL and	d MQL			•				
				1							
Number of Non-Conforming Sublots:		0]							
Std. Dev. Correction Factor		0.9594		<< Formula							
Lot Strength Std. Dev., in		614.65424									
Strength Pay Factor:		100.512%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	6.3	5.5	6.3	7.3	6.5	6.9	6.5				
				1	_				1		
Resulting Samples per lot (n)	<u> </u>	7		<< Formula			Lot AQL, %	7.0			
Lot Air Content Mean, in Lot Air Content Mean Acceptable?		6.471 Yes					Lot RQL, % Lot MQL, %	5.5 8.5			
Notes on Lot Air Content Mean:	Lot Air Conte	ent Mean is be	etween RQL	and MQL							
				1							
Number of Non-Conforming Sublots:		0]							
Std. Dev. Correction Factor		0.9594		<< Formula							
Lot Air Content Std. Dev., %	L	0.58256									
Air Content Pay Factor:		99.608%			_						
RESULTS		Vee						4409/			
All Pay Factors Determined?		Yes					x PF Composite n PF Composite	110% 80%			
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Rejected?											
Area Not Considered for PRS, sq yds	505.00	F05 00	4470.00	4470.00	070.00	4470.00	4470.00				
Area Considered for PRS, sq yds	565.00	565.00 6801.00	1173.00	1173.00	979.00	1173.00	1173.00				
Total Area				1							
Total Area PF Thickness		100.91%									
		100.91% 100.51%									
PF Thickness PF Strength PF Air Content		100.51% 99.61%									
PF Thickness PF Strength PF Air Content PF Composite		100.51% 99.61% 101.03%									
PF Thickness PF Strength PF Air Content PF Composite Bid (Lot)		100.51% 99.61% 101.03% 142,480.95									
PF Thickness PF Strength PF Air Content PF Composite		100.51% 99.61% 101.03%		_							

LOT INFORMATION											
	EB14	1		Broject No.			1011 01 99				
Lot Number Bid Price, \$/sq yd	20.95	-		Begin Static	Project No.			1011-01-88 479+82.0			
Lot Length, mi	1.4	<< Formula		End Station			554+53.0		<< Formu	la	
Lot Width, feet	10	<< Formula		Number of L	.anes	1					
Lot lane-mi	1.41	<< Formula		Number of S	Number of Sublots*						
Resulting Lot Area, sq yds	8211.00 << Formula			Paving Date	(s)		June 9				
*Minimum Number of Sublots = 4, Maxin	um Number c	of Sublots = 8,	except in sp	ecial cases (e.g. last day	paving or w	hen possibility o	of lot having	less than 4	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9		Sublet 11
Sublot Area, sq yds Formula >>	1173.00 8211.00	1173.00	1173.00	1173.00	1173.00	1173.00	1173.00	Subiot 6	Subiol 9	Subiot To	Sublot 11
THICKNESS			-								
Thickness - Probe 1, in	8.63	8.25	8.25	8.25	8.75	8.25	8.00				
Thickness - Probe 2, in	8.38	8.25	8.50	8.50	8.50	8.25	8.25				
Thickness - Probe 3, in Thickness - Probe 4, in	8.25	8.25 8.25	8.25 8.25	8.38 8.50	8.63 8.50	8.25 8.50	8.00 8.25				
Thickness - Probe 5, in	8.00	8.25	8.75	8.50	8.13	8.25	8.13				
Thickness - Probe 6, in	8.25	8.13	8.38	8.38	8.13	8.50	8.50				
Thickness - Probe 7, in	8.25	8.38	8.25	8.50	8.13	8.25	8.00				
Thickness - Probe 8, in	8.25	8.50	8.50	8.25	8.25	8.25	8.38				
Sublot Thickness, in Formula >>	8.28	8.28	8.39	8.41	8.38	8.31	8.19				
Resulting Samples per lot (n)		56		<< Formula			Lot AQL, in	8.0			
Lot Thickness Mean, in	8.320			<< Formula			Lot RQL, in	7.0			
Lot Thickness Mean Acceptable?		Yes]			Lot MQL, in	8.5			
Notes on Lot Thickness Mean:	Lot Thicknes	ss Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor	r	0.9952		1							
Lot Thickness Std. Dev., in		0.17588		<< Formula	·						
Thickness Pay Factor:		100.797%									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5330	4970	5310	6080	5450	5790	5420	Gubiere	Cabiere	Cubict IC	
Strength - Cylinder 2, psi	5440	4810	4980	5990	5740	5860	5820				
Sublot Strength, psi Formula >>	5385	4890	5145	6035	5595	5825	5620				
Resulting Samples per lot (n)		7		<< Formula			Lot AQL, psi	4,500			
Lot Strength Mean, in		5499.286		<< Formula	a		Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?		Yes					Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL an	d MQL							
				1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594		1	_						
Lot Strength Std. Dev., in		409.61498		<< Formula							
Strength Pay Factor:		100.915%									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	6.7	6.5	6.9	7.0	6.0	6.3	7.1				
Resulting Samples per lot (n)	<u> </u>	7		<< Formul			Lot AQL, %	7.0			
Lot Air Content Mean, in Lot Air Content Mean Acceptable?		6.643 Yes		<< Formula	·		Lot RQL, % Lot MQL, %	5.5 8.5			
Notes on Lot Air Content Mean:	Lot Air Cont	ent Mean is be	tween POI				LOT MQL, 78	0.5			
			AWCONINGE	1							
Number of Non-Conforming Sublots:		0									
Std. Dev. Correction Factor		0.9594		1	1						
Lot Air Content Std. Dev., %		0.41631		<< Formula							
Air Content Pay Factor:		99.758%									
RESULTS											
All Pay Factors Determined?		Yes					x PF Composite	110%			
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Min Sublot 6	n PF Composite Sublot 7	80% Sublot 8	Sublot 9	Sublet 10	Sublot 11
			Cubior 3		ousior 3			oublot 0	GUDIOL 3		
Rejected?			1	1							
Rejected? Area Not Considered for PRS, sq yds											
	1173.00	1173.00	1173.00	1173.00	1173.00	1173.00	1173.00				
Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area	1173.00	8211.00	1173.00	1173.00	1173.00	1173.00	1173.00				
Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness	1173.00	8211.00 100.80%	1173.00	1173.00	1173.00	1173.00	1173.00				
Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength	1173.00	8211.00 100.80% 100.91%	1173.00	1173.00	1173.00	1173.00	1173.00				
Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness	1173.00	8211.00 100.80%	1173.00	1173.00	1173.00	1173.00	1173.00				
Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content		8211.00 100.80% 100.91% 99.76%		1173.00	1173.00	1173.00	1173.00				
Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area PF Thickness PF Strength PF Air Content PF Composite	\$	8211.00 100.80% 100.91% 99.76% 101.47%	;	1173.00	1173.00	1173.00	1173.00				

LOT INFORMATION											
Lot Number	EB15	1		Project No.			1011-01-88				
Bid Price, \$/sq yd	20.95			Begin Statio	n		408+00.0				
Lot Length, mi	1.4	<< Formula		End Station			479+82.0		<< Formul	la	
Lot Width, feet	10	<< Formula		Number of Lanes			1				
Lot lane-mi	1.36				ublots*	7					
Resulting Lot Area, sq yds	7980.00 << Formula			Paving Date(s)			June 9, 10				
*Minimum Number of Sublots = 4, Maxin	num Number o	f Sublots = 8,	except in sp	ecial cases (e.g. last day	paving or wh	nen possibility o	f lot having	less than 4 s	sublots)	
	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Area, sq yds Formula >>	1173.00	1173.00	1173.00	1173.00	1173.00	1173.00	942.00				
THICKNESS	7980.00										
Thickness - Probe 1, in	8.00	8.75	8.50	8.13	8.50	8.25	8.25			1	
Thickness - Probe 2, in	8.13	8.75	8.50	8.50	8.38	8.13	8.63				
Thickness - Probe 3, in	8.00	8.50	8.38	8.25	8.38	8.00	8.00				
Thickness - Probe 4, in	8.25	8.50	8.50	8.38	8.50	8.25	8.13				
Thickness - Probe 5, in	8.00	8.63	8.13	8.63	8.00	8.13	8.25				
Thickness - Probe 6, in	8.25	8.38	8.50	8.63	8.00	8.25	8.00				
Thickness - Probe 7, in	8.25	8.50	8.38	8.63	8.50	8.50	8.00				
Thickness - Probe 8, in	8.50	8.25	8.50	8.63	8.00	8.00	8.50				
Sublot Thickness, in Formula >>	8.17	8.53	8.42	8.47	8.28	8.19	8.22				
Resulting Samples per lot (n)		56		<< Formula		Г	Lot AQL, in	8.0			
Lot Thickness Mean, in	8.328			<< Formula			Lot RQL, in	8.0 7.0			
Lot Thickness Mean Acceptable?		Yes					Lot MQL, in	8.5			
Notes on Lot Thickness Mean:	Lot Thicknes	s Mean is bet	ween RQL a	nd MQL							
Number of Non-Conforming Sublots:		0		1							
Std. Dev. Correction Factor	L	0.9952		1							
Lot Thickness Std. Dev., in		0.22846		<< Formula	1						
Thickness Pay Factor:	-	100.797%		J							
Thickness ray racion.		100.1 51 /6									
STRENGTH	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Strength - Cylinder 1, psi	5160	5490	4540	6000	5780	5290	4890				
Strength - Cylinder 2, psi	5150	5470	4960	5780	5470	5260	4970				
Sublot Strength, psi Formula >>	5155	5480	4750	5890	5625	5275	4930				
				1	1	-					
Resulting Samples per lot (n)		7		<< Formula			Lot AQL, psi	4,500			
Lot Strength Mean, in		5300.714		<< Formula			Lot RQL, psi	3,250			
Lot Strength Mean Acceptable?	L	Yes		1		Ļ	Lot MQL, psi	5,500			
Notes on Lot Strength Mean:	Lot Strength	Mean is betw	een RQL and	MQL							
Number of Non-Conforming Sublots:		0									
		0.9594									
Std. Dev. Correction Factor Lot Strength Std. Dev., in		414.13216		<< Formula							
	L	100.808%									
Strength Pay Factor:		100.808 //									
AIR CONTENT	Sublot 1	Sublot 2	Sublot 3	Sublot 4	Sublot 5	Sublot 6	Sublot 7	Sublot 8	Sublot 9	Sublot 10	Sublot 11
Sublot Air Content, %	6.5	6.7	7.1	6.0	6.3	6.7	6.3				
Desulting Complete start (s)											
Resulting Samples per lot (n)		7		<< Formula	· .	ſ	Lot AQL, %	7.0			
Lot Air Content Mean, in		6.514		<< Formula			Lot RQL, %	5.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable?		6.514 Yes		<< Formula		[
Lot Air Content Mean, in	Lot Air Conte	6.514	etween RQL :	<< Formula		[Lot RQL, %	5.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean:	Lot Air Conte	6.514 Yes	etween RQL :	<< Formula		[Lot RQL, %	5.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots:	Lot Air Conte	6.514 Yes ent Mean is be	etween RQL	<< Formula		[Lot RQL, %	5.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	Lot Air Conte	6.514 Yes ent Mean is be 0 0.9594	etween RQL	<< Formula		[Lot RQL, %	5.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., %	Lot Air Conte	6.514 Yes ent Mean is be 0 0.9594 0.37305	etween RQL	and MQL		[Lot RQL, %	5.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor	Lot Air Conte	6.514 Yes ent Mean is be 0 0.9594	etween RQL	and MQL		[Lot RQL, %	5.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	Lot Air Conte	6.514 Yes ent Mean is be 0 0.9594 0.37305	etween RQL	and MQL		[Lot RQL, %	5.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS	Lot Air Conte	6.514 Yes ent Mean is be 0 0.9594 0.37305 99.671%	etween RQL	and MQL		[Lot RQL, %	5.5 8.5			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	Lot Air Conte	6.514 Yes ent Mean is be 0 0.9594 0.37305	etween RQL	and MQL			Lot RQL, % Lot MQL, %	5.5 8.5 110%			
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS		6.514 Yes ent Mean is be 0 0.9594 0.37305 99.671% Yes		and MQL		Min	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Subler ©	Sublet 10	Subject 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined?	Lot Air Conte	6.514 Yes ent Mean is be 0 0.9594 0.37305 99.671%	Sublot 3	and MQL			Lot RQL, % Lot MQL, %	5.5 8.5 110%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS		6.514 Yes ent Mean is be 0 0.9594 0.37305 99.671% Yes		and MQL		Min	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected?		6.514 Yes ent Mean is be 0 0.9594 0.37305 99.671% Yes		and MQL		Min	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor: RESULTS All Pay Factors Determined? Rejected? Area Not Considered for PRS, sq yds Area Considered for PRS, sq yds Total Area	Sublot 1	6.514 Yes ont Mean is be 0 0.9594 0.37305 99.671% Yes Sublot 2 1173.00 7980.00	Sublot 3	<pre><< Formula and MQL </pre>	Sublot 5	Min Sublot 6	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	Sublot 1	6.514 Yes ont Mean is be 0 0.9594 0.37305 99.671% Yes Sublot 2 1173.00 7980.00 100.80%	Sublot 3	<pre><< Formula and MQL </pre>	Sublot 5	Min Sublot 6	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	Sublot 1	6.514 Yes ont Mean is be 0 0.9594 0.37305 99.671% Yes Sublot 2 1173.00 7980.00 100.80% 100.81%	Sublot 3	<pre><< Formula and MQL </pre>	Sublot 5	Min Sublot 6	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	Sublot 1	6.514 Yes ont Mean is be 0 0.9594 0.37305 99.671% Yes Sublot 2 1173.00 7980.00 100.80% 100.81% 99.67%	Sublot 3	<pre><< Formula and MQL </pre>	Sublot 5	Min Sublot 6	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	Sublot 1	6.514 Yes on Mean is be 0 0.37305 99.671% Yes Sublot 2 1173.00 7980.00 100.80% 100.81% 99.67% 101.28%	Sublot 3	<pre><< Formula and MQL </pre>	Sublot 5	Min Sublot 6	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	Sublot 1	6.514 Yes on Mean is be 0 0.37305 99.671% Yes Sublot 2 1173.00 7980.00 100.80% 100.81% 99.67% 101.28% 167,181.00	Sublot 3 1173.00	<pre><< Formula and MQL </pre>	Sublot 5	Min Sublot 6	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11
Lot Air Content Mean, in Lot Air Content Mean Acceptable? Notes on Lot Air Content Mean: Number of Non-Conforming Sublots: Std. Dev. Correction Factor Lot Air Content Std. Dev., % Air Content Pay Factor:	Sublot 1	6.514 Yes on Mean is be 0 0.37305 99.671% Yes Sublot 2 1173.00 7980.00 100.80% 100.81% 99.67% 101.28%	Sublot 3 1173.00	<pre><< Formula and MQL </pre>	Sublot 5	Min Sublot 6	Lot RQL, % Lot MQL, %	5.5 8.5 110% 80%	Sublot 9	Sublot 10	Sublot 11