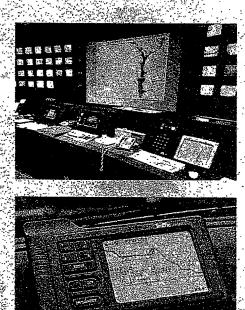
PHASE I REPORT - APPENDIX, CONGESTION MANAGEMENT SYSTEM/IVHS PROGRAM STUDY FOR BIRMINGHAM, ALABAMA

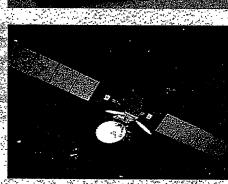
NOTE TO READER:

THIS IS A LARGE DOCUMENT

Due to its large size, this document has been segmented into multiple files. All files separate from this main document file are accessible from links (blue type) in the <u>table of contents</u> or the body of the document.

PHASE I REPORT - APPENDIX







Congestion Management System/TVHS Program Study for Birmingham, Alabama

submitted to Alabama Department of Transportation

April 1995



submined by Parsons Brinckerhoff Quade and Douglas. Inc.

APPENDIX – Chapter I Congestion Management Development Process

SECTION	TOPIC
А	INCIDENT FACTOR DOCUMENTATION
В	EXISTING SEGMENTS DATABASE REPORTS
С	FUTURE (2010) NO-BUILD DATABASE REPORTS
D	FUTURE (2010) BUILD DATABASE REPORTS

APPENDIX - Chapter II Existing and Future Baseline Conditions

<u>SECTION</u>	TOPIC
А	CAPACITY ANALYSIS – SIGNALIZED INTERSECTIONS
В	CAPACITY ANALYSIS – FREEWAY & RAMP JUNCTIONS

APPENDIX – Chapter III User Services Plan

SECTION 1	<u>TOPIC</u>
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- A "USER SERVICES" DESCRIPTIONS
- B QUESTIONAIRE/SURVEY RESULTS SUMMARY
- C EXISTING AND PLANNED SYSTEMS
- D EXISTING PUBLIC TRANSPORTATION SYSTEM
- E ROADWAY NETWORK
- F ROADWAY CAPACITIES
- G V/C PROJECTIONS FOR THE NATIONAL HIGHWAY SYSTEMS
- H DOCUMENTATION OF PERFORMANCE MEASURES EVALUATIO METHODOLOGY
- I LIST OF AGENCY CONTACTS
- J ADVISORY/OVERSIGHT COMMITTEE MEMBER LISTING AND MEETING DATES
- K USER SERVICES ANALYSIS

APPENDIX – Chapter IV System Architecture Plan

SECTION TOPIC

- A USER SERVICE REQUIREMENTS
- B MAPPING OF USER SERVICES TO IVHS TECHNOLOGIES
- C ARCHITECTURE RISK OF MAPPED FUNCTIONS

APPENDIX - Chapter V Micro-Level Screening of Alternatives

(No Appendix Contents)

APPENDIX – Chapter VI Detailed Screening of Alternatives

(No Appendix Contents)

APPENDIX – Chapter VII Implementation Issues

- A TYPICAL SERVICE PATROL PROGRAM AND VEHICLES
- B TYPICAL COMMUNICATIONS CENTER
- C TYPICAL TRAFFIC OPERATIONS CENTER
- D TYPICAL EMERGENCY RESPONSE VAN
- E TYPICAL DIVERSION ROUTE PLAN
- F TYPICAL MOTORIST INFORMATION PROGRAM
- G TYPICAL MOTORIST INFORMATION PLANS
- H TYPICAL WRECKERS AND EQUIPMENT USED AND INCIDENT MANAGEMENT
- I TYPICAL AGREEMENTS, LAWS, POLICIES TO BE DEVELOPED
- J FREEWAY MANAGEMENT AND ACCIDENT INVESTIGATION SITES

APPENDIX – Chapter VIII Environmental Process Requirements & Cost Estimates/Effectiveness

(No appendix Contents)

APPENDIX – Chapter IX Performance Monitoring Plan

(No Appendix Contents)

APPENDIX – Chapter X Preliminary Operations Plan

(No Appendix Contents)