ENVIRONMENTAL ASSESSMENT

INTERSTATE 95

JFK SECTION 100

Section 100
John F. Kennedy Memorial Highway
(I-95, I-895(N) Split to North of MD 43)

FINAL

May 28, 2004

Prepared by:
Maryland Transportation Authority
for U.S. Department of Transportation /
Federal Highway Administration and
U.S. Army Corps of Engineers

Environmental Assessment (EA)

Section 100: I-95, I-895(N) Split to North of MD 43

Baltimore City and Baltimore County, Maryland

Prepared by:

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For the:

U.S. Department of Transportation-Federal Highway Administration
in cooperation with
U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency

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SECTION 100: I-95, I-895(N) SPLIT TO NORTH OF MD 43

Baltimore City and Baltimore County, Maryland

Environmental Assessment (EA)

Submitted Pursuant to 42 U.S.C. 4332 (2) and
CEQ Regulations (40 CFR 1500 (et.seq.))

by the Maryland Transportation Authority

for the
U.S. Department of Transportation – Federal Highway Administration and
in cooperation with
The U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency

Thomas L. Osborne 5/24/04

MARYLAND TRANSPORTATION AUTHORITY Date
Thomas L. Osborne, Executive Secretary

5/24/04

FEDERAL HIGHWAY ADMINISTRATION Date
Nelson Castellanos, Division Administrator, Maryland Division

The purpose of the proposed action is to address capacity and safety needs on Section 100 and thereby improve access, mobility, and safety for local, regional, and inter-regional traffic, including passenger, freight, and transit vehicles. The study area for Section 100: I-95, I-895(N) Split to North of MD 43 (hereinafter referred to as Section 100), is approximately nine miles long, extending north along I-95 from just south of the I-895(N) split in Baltimore City, to the New Forge Road overpass in Baltimore County, just north of the MD 43 interchange. Section 100 is currently the most congested section of I-95 in Maryland, north of Baltimore City. The area south of MD 43 operates at Level of Service (LOS) F during the morning and evening rush hours, and is anticipated to operate at LOS E and F even during weekend peak periods by 2025. In addition, accident rates are increasing, especially in the vicinity of the urban I-895, I-695, and MD 43 Interchanges, where large volumes of merging, diverging, and weaving movements occur. This study examines safety and service improvements to reduce congestion on Section 100 by improving access, mobility, and safety. This study also examines opportunities to increase safety at the I-895, I-695 and MD 43 Interchanges, as well as along the I-95 mainline.

TABLE OF CONTENTS

SUMMARY

A. Administrative Action S-1
B. Additional Information S-1
C. Description of Action S-1
D. Description of Alternates S-2
1. No-Build Alternate S-3
2. General Purpose Lanes Alternate S-3
3. Managed Lanes Alternate S-4
E. Summary of Environmental Impacts S-6
F. Status of Compliance with Regulatory Requirements S-9
G. Comparison of Alternates S-11
1. Ability to Meet Purpose and Need S-11
a. Congestion S-12
b. Safety S-12
2. Environmental Impacts S-13
a. Natural and Human Environment S-13
b. Land Use Impacts S-13
3. Operational Efficiency S-14
a. Incident Management S-14
b. Facility Maintenance S-14
c. Enforcement S-14
d. Intermodal Access S-15
4. Fiscal Responsibility S-15
H. Summary S-16
I. Federal Actions S-16

ENVIRONMENTAL ASSESSMENT FORM

I. PURPOSE AND NEED I-1
A. Identification in the Master Plan I-1
B. Project Location I-1
C. Project Description I-4
D. Purpose of the Project I-4
E. Need For the Project I-4
1. Capacity I-4
2. Safety I-5
F. Background I-5
G. Land Use/Economic Development I-6
H. Traffic Data and Level of Service I-8
I. Accident Data/Safety Conditions I-9
J. Conclusion I-13

II. ALTERNATES CONSIDERED II-1
A. I-95 Master Plan Concepts II-1
1. Concept C-1: No-Build II-1
2. Concept C-2: All Lanes Tolled II-1
3. Concept C-3: High Occupancy Vehicle (HOV) Lanes II-2
4. Concept C-4: Reversible Lanes II-2
5. Concept C-5: Managed Roadways II-3
6. Concept C-6: General Purpose Lanes II-4
B. Development/Analysis of Preliminary Alternates II-5
1. Preliminary General Purpose Lanes Alternate (Including C-D Lanes) II-6
2. Preliminary Managed Lanes Alternate (Including C-D Lanes) II-6
3. Early Analysis of the Preliminary Alternates II-6
C. Modifications to the Preliminary Alternates II-9
1. General Purpose Lanes Alternate (Without C-D Lanes) II-9
2. Managed Lanes Alternate (Without C-D Lanes) II-9
D. Development/Analysis of Interchange Options II-10
1. General Purpose Lanes Alternate II-10
a. I-95/I-895(N) Interchange II-10
b. I-95/I-695 Interchange II-10
c. I-95/MD 43 Interchange II-11
2. Managed Lanes Alternate II-18
a. I-95/I-895(N) Interchange II-18
b. I-95/I-695 Interchange II-18
c. I-95/MD 43 Interchange II-25
3. Analysis of Interchange Options II-25
a. General Purpose Lanes Alternate Interchange Options II-25
b. Managed Lanes Alternate Interchange Options II-31
E. Alternates Retained for Detailed Study II-31
1. Alternate 1 – No-Build II-32
2. Alternate 2 – General Purpose Lanes II-32
3. Alternate 3 – Managed Lanes II-32
F. Comparison of Alternates II-35
1. Ability to Meet Project Need II-35
a. Congestion II-35
b. Safety II-36
2. Environmental Impacts II-37
a. Natural and Human Environment II-37
b. Land Use Impacts II-38
3. Operational Efficiency II-38
a. Incident Management II-38
b. Facility Maintenance II-39
c. Enforcement II-39

d. Intermodal Access II-39
4. Fiscal Responsibility II-40
a. Operational Cost II-40
5. Consistency with State Transportation Policy II-41

III. AFFECTED ENVIRONMENT III-1
A. Social Environment III-1
1. Population and Housing III-1
2. Communities Within the Study Area III-3
3. Environmental Justice and Title VI of the Civil Rights Act III-3
a. Low-Income Populations III-5
b. Minority Populations III-8
4. Community Facilities and Services III-9
a. Schools III-9
b. Places of Worship III-11
c. Cemeteries III-11
d. Parks and Recreational Facilities III-11
e. Healthcare Facilities III-11
f. Post Offices III-12
g. Libraries III-12
h. Police, Fire, and Rescue Services III-13
i. Transportation Facilities III-13
j. Other Community Facilities and Services III-13
5. Visual Quality III-14
B. Economic Environment III-14
1. Income III-14
2. Employment III-15
a. Employment Characteristics III-15
b. Commercial and Industrial Facilities III-16
C. Land Use in the Study Area III-19
1. Existing Land Use III-19
2. Future Land Use III-19
D. Cultural Resources III-25
1. Historic Structures III-25
2. Archaeological Resources III-28
E. Natural Environment III-29
1. Physiography/Topography and Geology III-29
2. Soils III-29
3. Water Resources III-32
a. Surface Water III-32
b. Water Quality III-34
c. Waters of the United States (WUS) III-35

d. Wild and Scenic Rivers III-35
e. Water Supply/Groundwater III-35
f. Floodplains III-35
4. Ecological Conditions III-36
a. Terrestrial Habitat III-36
b. Aquatic Habitat III-40
c. Wetlands III-40
d. Terrestrial Wildlife III-42
e. Endangered and Threatened Species III-42
f. Unique and Sensitive Areas III-44
5. Existing Noise Conditions III-45
a. Noise Sensitive Area Description III-45
b. Existing Noise Conditions III-49
6. Existing Air Quality III-54
F. Hazardous Materials III-56

IV. ENVIRONMENTAL CONSEQUENCES IV-1
A. Social Impacts IV-1
1. Property Displacements and Acquisitions IV-1
a. No-Build Alternate IV-2
b. General Purpose Lanes Alternate IV-2
c. Managed Lanes Alternate IV-2
d. Mitigation IV-3
2. Effects on Communities IV-4
a. No-Build Alternate IV-4
b. General Purpose Lanes Alternate IV-4
c. Managed Lanes Alternate IV-4
3. Environmental Justice IV-4
a. No-Build Alternate IV-6
b. General Purpose Lanes Alternate IV-6
c. Managed Lanes Alternate IV-6
4. Effects on Community Facilities and Services IV-7
a. No-Build Alternate IV-7
b. General Purpose Lanes Alternate IV-7
c. Managed Lanes Alternate IV-8
5. Effect on Transit IV-9
a. No-Build Alternate IV-9
b. General Purpose Lanes Alternate IV-9
c. Managed Lanes Alternate IV-10
6. Effect on Visual Quality IV-10
a. No-Build Alternate IV-11
b. General Purpose Lanes Alternate IV-11
c. Managed Lanes Alternate IV-12
d.

B. Economic Impacts IV-13
1. Effects on Regional Business Activity IV-13
a. No-Build Alternate IV-13
b. General Purpose Lanes Alternate IV-13
c. Managed Lanes Alternate IV-14
2. Effects on Local Businesses IV-15
a. No-Build Alternate IV-15
b. General Purpose Lanes Alternate IV-15
c. Managed Lanes Alternate IV-15
3. Effects on Tax Base and Property Values IV-16
a. No-Build Alternate IV-16
b. General Purpose Lanes and Managed Lanes Alternates IV-16
C. Land Use Impacts IV-17
1. No-Build Alternate IV-17
2. General Purpose Lanes and Managed Lanes Alternates IV-17
D. Cultural Resource Impacts IV-17
1. Historic Resources IV-18
2. Archaeological Resources IV-19
E. Natural Environment Impacts IV-19
1. Topography and Geology IV-19
2. Soils IV-20
a. No-Build Alternate IV-20
b. General Purpose Lanes and Managed Lanes Alternates IV-20
c. Minimization Measures IV-20
d. Prime Farmland Soils/Soils of Statewide Importance IV-22
3. Water Resources IV-22
a. Water Quality IV-22
b. Waters of the United States (WUS) IV-23
c. Wild and Scenic Rivers IV-25
d. Water Supply/Groundwater IV-25
e. Floodplains IV-28
4. Ecological Impacts IV-30
a. Terrestrial/Wildlife Habitat IV-30
b. Aquatic Habitat IV-35
c. Wetlands IV-35
d. Endangered and Threatened Species IV-39
e. Unique and Sensitive Areas IV-39
F. Noise Impacts IV-39
1. Background and Noise Prediction Methodology IV-39
2. Noise Abatement Criteria IV-40
3. Prediction Results IV-40
4. Impact Assessment/Abatement IV-40
5. Construction Noise IV-43
G. Air Quality Impacts IV-45

1. CO Microscale Analysis IV-45
2. Construction Impacts IV-48
3. Conformity With Regional Air Quality Planning IV-48
H. Hazardous Materials Impacts IV-49
1. No-Build Alternate IV-49
2. General Purpose Lanes Alternate IV-49
3. Managed Lanes Alternate IV-49
I. Secondary and Cumulative Effects Analysis (SCEA) IV-51
1. Scoping IV-51
a. Resources To Be Analyzed IV-52
b. SCEA Geographical Boundary IV-52
c. SCEA Time Frame IV-56
2. Analysis Methodology IV-58
3. Land Use Scenarios IV-59
a. Past Land Use IV-62
b. Existing Land Use IV-62
c. Future Land Use IV-68
d. Conclusions IV-71
4. SCEA Resource Effects IV-72
a. Surface Water/Aquatic Habitat IV-72
b. Forests/Terrestrial Habitat IV-77
c. Floodplains IV-80
d. Wetlands IV-81
e. Rare, Threatened and Endangered Species IV-85
f. Communities and Businesses IV-89
g. Archaeological Resources IV-91

V. COORDINATION AND COMMENTS V-1
J. Focus Group Meetings V-1
K. Public Workshop and Citizen Correspondence V-3
L. Interagency Meetings and Agency Correspondence V-4

VI. LIST OF PREPARERS VI-1

VII. DISTRIBUTION LIST VII-1

VIII. REFERENCES VIII-1

APPENDICES

Appendix A. General Purpose Lanes Alternate Mapping
Appendix B. Managed Lanes Alternate Mapping
Appendix C. Correspondence
Appendix D. MOA
Appendix E. Jurisdiction Wetland Meeting Minutes
Appendix F. Impact Summary Tables

LIST OF TABLES

Table S-1. Summary of Impacts S-6

Table I-1. Existing and Future No-Build Traffic Volumes I-10

Table I-2. Existing and Future No-Build Levels of Service (LOS) I-10

Table I-3. Accident Data Summary (2000-2002) I-12

Table II-1. I-895 Interchange Comparison Matrices II-28

Table II-2. I-695 Interchange Comparison Matrices II-29

Table II-3. MD 43 Interchange Comparison Matrices II-30

Table II-4. Project Weekday 2025 LOS Summary II-34

Table II-5. Project Weekday 2025 LOS Summary II-36

Table III-1. Population Characteristics III-1

Table III-2. Residential Communities in the Vicinity of the Study Area III-4

Table III-3. Racial Distribution, Median Household Income, and Population Below Poverty Status for Census Tracts, Baltimore County, and Baltimore City III-6

Table III-4. Public Parks/Recreational Areas Within the Study Area III-12

Table III-5. Income Characteristics III-15

Table III-6. Occupational Characteristics III-16

Table III-7. Summary of Employment Characteristics III-19

Table III-8. Water Resources Within the Study Area III-34

Table III-9. Floodplains Within the Study Area III-36

Table III-10. Water Quality Parameters for Aquatic Habitat III-40

Table III-11. Bird Species Observed in the Study Area III-43

Table III-12. Threatened and Endangered Species Recorded Within/Near the Study Area III-46

Table III-13. Summary of Noise Sensitive Areas and Represented Resources III-49

Table III-14. Short Term Monitoring Noise Levels III-50

Table III-15. Noise Abatement Criteria (NAC), 23 CFR, Part 772: Hourly A-Weighted Sound Level in Decibels (dBA) III-53

Table III-16. Air Quality Receptor Locations III-55

Table IV-1. Summary of Impacts IV-1

Table IV-2. Property Impacts IV-1

Table IV-3. Summary of Land Acquisition By Land Use Type IV-3

Table IV-4. Summary of Affected Communities IV-5

Table IV-5. Affected Community Facilities IV-8

Table IV-6. Section 100 CORSIM Travel Times (minutes) IV-14

Table IV-7. Highly Erodible Soil Types IV-20

Table IV-8. Estimated Proposed Impervious Area IV-21

Table IV-9. Waters of the US Impact Summary IV-25

Table IV-10. Impacts to Floodplains IV-29

Table IV-11. Woodland Impacts IV-31

Table IV-12. Impacts to Large and Significant Trees IV-34

Table IV-13. Wetland Impact Summary IV-36

Table IV-14. Wetland Mitigation Cost Estimates IV-39

Table IV-15. Predicted Design Year Noise Levels IV-41

Table IV-16. Preliminary Barrier Cost Analysis Summary Table IV-44

Table IV-17. 2010 CO Concentrations IV-45

Table IV-17. 2025 CO Concentrations IV-51

Table IV-19. SCEA Resources and Data Sources IV-53

Table IV-20. Baltimore County Population and Labor Force Trends, 1970-2025 ..... IV-58

Table IV-21. Near Future Residential Development IV-67

Table IV-22. Sub-Watersheds Within the SCEA Boundary IV-72

Table IV-23. MBSS Results Within the SCEA Boundary IV-75

Table IV-24. Past Development Impacts to Forested Habitat IV-78

Table IV-25. Converted Forests in Baltimore County and Baltimore City IV-79

Table IV-26. Summary of Historic Wetland Acreage Loss IV-82

Table IV-27. Wetland Acreage in Baltimore County and Baltimore City (1995) IV-83

Table IV-28. Wetland Gains/Losses Per Sub-Watershed (1991-2000) IV-83

Table IV-29. Sensitive Species Located Within the SCEA Boundary IV-86

Table IV-30. MHT Identified Generalized Locations of Documented Archaeological Sites IV-92

Table VI-1. Focus Group Member List VI-1

LIST OF FIGURES

Figure I-1. Regional Map I-2

Figure I-2. Study Area/Priority Funding Area (PFA) & Urban Rural Demarcation Line (URDL) I-3

Figure I-3. Future Land Use/Economic Development Areas I-7

Figure I-4. Candidate Safety Improvement Locations I-13

Figure II-1. General Purpose Lanes Alternate Typical Sections II-7

Figure II-2. Managed Lanes Alternate Typical Sections II-8

Figure II-3. General Purpose Lanes I-95/I-895 (N) Interchange Option 2A II-12

Figure II-4. General Purpose Lanes I-95/I-895 (N) Interchange Option 2B II-13

Figure II-5. General Purpose Lanes I-95/I-695 Interchange Option 2A II-14

Figure II-6. General Purpose Lanes I-95/I-695 Interchange Option 2B II-15

Figure II-7. General Purpose Lanes I-95/MD 43 Interchange Option 2A II-16

Figure II-8. General Purpose Lanes I-95/MD 43 Interchange Option 2B II-17

Figure II-9. Managed Lanes I-95/I-895 (N) Interchange Option 3A II-20

Figure II-10. Managed Lanes I-95/I-895 (N) Interchange Option 3B II-21

Figure II-11. Managed Lanes I-95/I-695 Interchange Option 3A II-22

Figure II-12. Managed Lanes I-95/I-695 Interchange Option 3A Modified II-23

Figure II-13. Managed Lanes I-95/I-695 Interchange Option 3B II-24

Figure II-14. Managed Lanes I-95/MD 43 Interchange Option 3A II-26

Figure II-15. Managed Lanes I-95/MD 43 Interchange Option 3B II-27

Figure III-1. Census Tracts III-2

Figure III-2. Communities Within the Study Area III-7

Figure III-3. Community Facilities and Services III-10

Figure III-4. Census Designated Places III-17

Figure III-5. Major Employers III-18

Figure III-6. Existing Land Use III-20, 21

Figure III-7. Perry Hall – White Marsh Growth Area III-23

Figure III-8. 11204 Lilac Lane Historic Property III-27

Figure III-9. Soils Within the Study Area III-30, 31

Figure III-10. 100-Year Floodplain & Watershed Boundaries III-33

Figure III-11. Forest Interior Dwelling Species (FIDS) III-38, 39

Figure III-12. Noise and Air Quality Sensitive Receptor Locations III-48

Figure III-13. Potential Hazardous Waste Sites III-58

Figure IV-1. Initial Site Assessment Properties Which Require Additional Investigation IV-50

Figure IV-2. SCEA Boundary IV-54

Figure IV-3. SCEA Timeline IV-57

Figure IV-4. Population Growth 1950 to 2000 ..... IV-58

Figure IV-5. Potential Impacts of Alternates on Residential Development IV-60

Figure IV-6. SCEA Past Land Use IV-63

Figure IV-7. SCEA Existing Land Use IV-64

Figure IV-8. SCEA Future Land Use IV-65

Figure IV-9. Near Future Development IV-66

Figure IV-10. Maryland Biological Stream Survey (MBSS) Sampling Sites IV-73

Figure IV-11. Sensitive Species Project Review Areas IV-87

LIST OF ACRONYMS

AASHTO	American Association of State Highway and Transportation Officials
ADT	Average Daily Traffic
APE	Area of Potential Effect
ARDS	Alternates Retained for Detailed Study
ARMA	Maryland Air and Radiation Management Administration
AST	Aboveground Storage Tank
Authority	Maryland Transportation Authority
BMC	Baltimore Metropolitan Council
BMP	Best Management Practice
BRTB	Baltimore Regional Transportation Board
BWI	Baltimore Washington International Airport
CCA	Community Conservation Area
C-D	Collector-Distributor
CDP	Census Designated Place
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CLRP	Constrained Long-Range Plan
CO	Carbon Monoxide
COMAR	Code of Maryland Regulations
CSIL	Candidate Safety Improvement Location
CSX	CSX Corporation
CZMA	Coastal Zone Management Act
dBA	Decibels
DBH	Diameter Breast Height
DEPRM	Department of Environmental Protection and Resource Management
DHHS	Department of Health and Human Services
DO	Dissolved Oxygen
DOE	Determination of Eligibility
EA	Environmental Assessment
EO	Executive Order
EPA	United States Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Endangered Species Act
E&S	Erosion and Sedimentation
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIDS	Forest Interior Dwelling Species
FPPA	Farmland Protection Policy Act
FTA	Federal Transit Administration
GIS	Geographic Information System

GPM	Gallons Per Minute
HOV	High Occupancy Vehicle
HUC	Hydrologic Unit Code
IBI	Indices of Biotic Integrity
ISA	Initial Site Assessment
JD	Jurisdictional Determination
JFK	John F. Kennedy Memorial Highway
JPA	Federal/State Joint Permit Application
LEDPA	Least Environmentally Damaging Practicable Alternate
LOD	Limits of Disturbance
LOS	Level of Service
LUST	Leaking Underground Storage Tank
MARC	Maryland Rail Commuter
MATE	Mid-Atlantic Transportation and Environmental
MBSS	Maryland Biological Stream Survey
MDE	Maryland Department of the Environment
MDNR	Maryland Department of Natural Resources
MDP	Maryland Department of Planning
MDOT	Maryland Department of Transportation
MEPA	Maryland Environmental Policy Act
MHT	Maryland Historical Trust
MOA	Memorandum of Agreement
MOT	Maintenance of Traffic
MREC	Middle River Employment Center
MTA	Maryland Transit Administration
MVMT	Million Vehicle Miles Traveled
NAC	Noise Abatement Criteria
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NFRAP	No Further Remedial Action Planned
NRHP	National Register of Historic Places
NMFS	National Marine Fisheries Service
NO_2	Nitrogen Dioxide
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSA	Noise Sensitive Area
NWI	National Wetland Inventory
O_3	Ozone
Pb	Lead
PCBs	Polychlorinated Biphenyls
PFA	Priority Funding Area
pH	potential of hydrogen
PM_{10}	Particulate Matter

ppm	parts per million
PSA	Preliminary Site Assessment
RC	Resource Conservation
RCRA-GEN	Resource Conservation and Recovery Act Generator
ROW	Right-of-Way
SCEA	Secondary and Cumulative Effects Analysis
SCS	Soil Conservation Service
SHA	Maryland State Highway Administration
SHA-OOTS	Maryland State Highway Administration, Office of Traffic and Safety
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
S/NAAQS	State and National Ambient Air Quality Standards
SPL	State Priority List
SR	Sensitive Receptor
SSPRA	Sensitive Species Project Review Areas
SWL	Solid Waste Landfill
SWM	Storm Water Management
TEA-21	Transportation Equity Act for the 21st Century
TIP	Transportation Improvement Program
TNM	Traffic Noise Model
URDL	Urban Rural Demarcation Line
USACE	United States Army Corps Of Engineers
U.S.C.	United States Code
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
VEIP	Vehicle Emissions Inspection Program
WUS	Waters of the United States