

Chapter IX



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Chapter X



Distribution of the Final Environmental Impact Statement

Chapter X

X. DISTRIBUTION OF THE FINAL EIS

DISTRIBUTION LIST

The B&P Tunnel Project Final EIS, including Appendices and supporting Technical Reports, was made available to the following organizations:

Federal Agencies

Advisory Council on Historic Preservation
Federal Highway Administration
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US Environmental Protection Agency
US Fish and Wildlife Service

State Agencies

Maryland Department of the Environment
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Maryland Historical Trust
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Maryland Transit Administration
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Regional Agencies

Baltimore Metropolitan Council

City/County/Other Agencies

Baltimore City

Baltimore City Commission for Historical & Architectural Preservation
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Community Organizations

2500 Block McCulloh Street Neighborhood Association
Alba Neighborhood Association
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Ashburton Area Association
Charles-North Community Association
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Citizens for Community Improvement-(CCI)
Clergy United to Transform Sandtown-(CUTS)
Communities Organized to Improve Life-(COIL)
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Concerned Citizens of Woodberry Association
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Hoes' Heights Improvement Association, Inc.
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Old Goucher Community Association, Inc.
Old Mill Town Association
Panway Neighborhood Improvement Association
Parkview Improvement Association, Inc.
Penn-North Nehemiah Homeowners' Association
Pennsylvania Avenue Merchants Association
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Reservoir Hill Historic District
Reservoir Hill Improvement Council, Inc.
Robert W. Coleman Community Organization
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Sandtown-Winchester Building in Partnership
Sandtown-Winchester Improvement Association

Sanford-Cumberland Task Force Association
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Westwood Avenue Neighborhood Association
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Arthur 'Smokestack' Hardy Fire Station
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FEIS Document Availability Locations

Location	Address	City	State	ZIP Code
Baltimore City Department of Transportation, Transit Bureau	417 E. Fayette Street, 5 th Floor	Baltimore	Maryland	21201
Bentalou Recreation Center	220 N. Bentalou Street	Baltimore	Maryland	21223
Bon Secours Community Works	26 N. Fulton Avenue	Baltimore	Maryland	21223
Enoch Pratt Library – Central Branch	400 Cathedral Street	Baltimore	Maryland	21201
Enoch Pratt Library – Edmondson Avenue Branch	4330 Edmondson Avenue	Baltimore	Maryland	21229
Enoch Pratt Library – Pennsylvania Avenue Branch	1531 W. North Avenue	Baltimore	Maryland	21217
Enoch Pratt Library – Walbrook Branch	3203 W. North Avenue	Baltimore	Maryland	21216
John Eagar Howard Recreation Center	2100 Brookfield Avenue	Baltimore	Maryland	21217
Maryland Department of Transportation	7201 Corporate Center Drive, 1 st Floor Reception Desk	Hanover	Maryland	21076
Maryland Transit Administration	6 St. Paul Street, By Appointment Only at 410-767-3785	Baltimore	Maryland	21202

Chapter XI



References

XI. REFERENCES

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GIS Mapping Data Sources

Figure No.	Figure Title	GIS Data Source(s)
II-1	Existing B&P Tunnel Project Vicinity	City of Baltimore, 2012
III-2	Alternative 3A Plan and Profile	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010
III-3	Alternative 3B Plan and Profile	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010
III-4	Alternative 3C Plan and Profile	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010
III-5	Intermediate Ventilation Facility Sites Considered	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010
IV-1	Preferred Alternative Plan and Profile	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010
IV-2	FEIS Preferred Alternative Plan Sheet 1 of 7	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010-2012
IV-3	FEIS Preferred Alternative Plan Sheet 2 of 7	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010-2012
IV-4	FEIS Preferred Alternative Plan Sheet 3 of 7	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010-2012
IV-5	FEIS Preferred Alternative Plan Sheet 4 of 7	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010-2012
IV-6	FEIS Preferred Alternative Plan Sheet 5 of 7	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010-2012
IV-7	FEIS Preferred Alternative Plan Sheet 6 of 7	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010-2012
IV-8	FEIS Preferred Alternative Plan Sheet 7 of 7	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010-2012
IV-11	Intermediate Ventilation Facility	Google Pro Aerial Imagery, 2012; City of Baltimore, 2010
V-1	Study Area Census Tracts and Block Groups	US Census Bureau 2013; City of Baltimore, 2010

Figure No.	Figure Title	GIS Data Source(s)
V-4	Minority and Low Income Block Groups within the Study Area	US Census Bureau American Community Survey (ACS) 5-Year Estimates (2013-2018); Google Pro Aerial Imagery, 2012
V-5	Existing Land Use within the Study Area	City of Baltimore, 2008 (with revisions based on field observation); Maryland Department of Planning, 2012
V-6	Existing Zoning within the Study Area	City of Baltimore, 2008; Maryland Department of Planning, 2012
V-7	ZIP Codes within the Study Area	City of Baltimore, 2008-2011
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V-19	Natural Resources within the Study Area	Google Pro Aerial Imagery, 2012; FEMA 100-Year Flood Zone, 2008; City of Baltimore, 2010; US Fish and Wildlife Survey National Wetlands Inventory, 2013; USDA Web Soil Series Mapping, 2013; Desktop and Field Review, 2014-2015
V-20	Potential Hazardous Material Locations within the Study Area	Google Pro Aerial Imagery, 2012; <i>Hazardous Materials Technical Report</i> , 2015
V-21	South Portal Sites of Concern and Sample Locations	Google Pro Aerial Imagery, 2012; <i>Hazardous Materials Technical Report</i> , 2015
V-22	Tunnel Area Sites of Concern and Sample Locations	Google Pro Aerial Imagery, 2012; <i>Hazardous Materials Technical Report</i> , 2015
V-23	North Portal Sites of Concern and Sample Locations	Google Pro Aerial Imagery, 2012; <i>Hazardous Materials Technical Report</i> , 2015
VI-1	Alternatives within Census Tracts and Block Groups	City of Baltimore, 2010; US Census Bureau, 2013
VI-2	Alternatives within Minority and Low Income Block Groups	US Census Bureau ACS 5-Year Estimates (2013-2018); Google Pro Aerial Imagery, 2012
VI-3	Alternatives within Land Use Types	City of Baltimore, 2008 (with revisions based on field observation); Maryland Department of Planning, 2012
VI-4	Alternatives within Zoning Districts	City of Baltimore, 2008; Maryland Department of Planning, 2012
VI-5	Alternatives within ZIP Codes	City of Baltimore, 2008-2011
VI-6	Alternatives within Neighborhoods	City of Baltimore, 2008
VI-7	Alternatives and Community Facilities	City of Baltimore, 2008; USGS Geographic Names Information System, 2012; Field Observation, 2014-2015
VI-8	Historic Architecture Area of Potential Effects	Maryland Historical Trust, 2015; Field survey and review, 2014-2016
VI-9	Alternative 3A North Portal Section 4(f) Resources	Maryland Historical Trust, 2015; Field survey and review, 2014-2016
VI-10	Alternative 3A South Portal Section 4(f) Resources	Maryland Historical Trust, 2015; Field survey and review, 2014-2016

Figure No.	Figure Title	GIS Data Source(s)
VI-11	Alternative 3A, 3B, & 3C Intermediate Ventilation Plant Section 4(f) Resources	Maryland Historical Trust, 2015; Field survey and review, 2014-2016
VI-12	Alternative 3B North Portal Section 4(f) Resources	Maryland Historical Trust, 2015; Field survey and review, 2014-2016
V-13	Alternative 3 B South Portal Section 4(f) Resources	Maryland Historical Trust, 2015; Field survey and review, 2014-2016
VI-14	Alternative 3C North Portal Section 4(f) Resources	Maryland Historical Trust, 2015; Field survey and review, 2014-2016
VI-15	Alternative 3C South Portal Section 4(f) Resources	Maryland Historical Trust, 2015; Field survey and review, 2014-2016
VI-16	Section 4(f) Resources Avoidance Alternatives	Maryland Historical Trust, 2015; Field survey and review, 2014-16; <i>Preliminary Alternatives Screening Report</i> , 2015.
VI-17	Alternatives and Natural Resources	Google Pro Aerial Imagery, 2012; FEMA Flood Mapping, 2008; City of Baltimore, 2010; USFWS NWI, 2013; USDA WSS Mapping, 2013; Desktop and Field Review, 2014-2016
VI-18	Preferred Alternative Hazardous Material Sites of concern	Bing Imagery, 2012; <i>Hazardous Materials Technical Report</i> , FEIS Update 2016
VI-19	Preferred Alternative South Portal	Bing Imagery, 2012; <i>Hazardous Materials Technical Report</i> , FEIS Update 2016
VI-20	Preferred Alternative Tunnel	Bing Imagery, 2012; <i>Hazardous Materials Technical Report</i> , FEIS Update 2016
VI-21	Preferred Alternative North Portal	Bing Imagery, 2012; <i>Hazardous Materials Technical Report</i> , FEIS Update 2016
VI-22	Noise Monitoring Locations and Estimated Noise Impacts	ESRI Imagery; <i>FEIS Noise Technical Report</i> , 2016
VI-24	Predicted Ground-Borne Noise Impacts from the Preferred Alternative	Google Pro Aerial Imagery, 2012; <i>FEIS Vibration Technical Report</i> , 2016
VI-27	Indirect and Cumulative Effects Analysis Area	City of Baltimore, 2012
VI-28	Intermediate Ventilation Facility Site Options	City of Baltimore, 2012

Chapter XII



Acronyms

XII. ACRONYMS

AAR	Association of American Railroads
ACHP	Advisory Council on Historic Preservation
ACS	American Community Survey
ADA	Americans with Disabilities Act
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AM	“Ante meridiem” or before noon
APE	Area of Potential Effects
ARCO	Alliance of Rosemont Community Organizations
ARRA	American Recovery and Reinvestment Act
AST	Above-ground Storage Tank
B&O	Baltimore and Ohio
B&P	Baltimore and Potomac
BC	Baltimore City
BCDOT	Baltimore City Department of Transportation
BEA	Bureau of Economic Analysis
BGS	Below Ground Surface
BIBI	Benthic Index of Biological Integrity
BLS	Bureau of Labor Statistics
BMC	Baltimore Metropolitan Council
BMP	Best Management Practices
BRTB	Baltimore Regional Transportation Board
BSID	Biological Stressor Identification
BTU	British Thermal Unit
BWI	Baltimore Washington International Airport
C&D	Construction and Demolition (Debris)
CAA	Clean Air Act
CAC	Critical Area Commission
CACAT	Citizens Advisory Council for Accessible Transportation
CAGR	Compound Annual Growth Rate
CCC	Charm City Circulator
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	Code of Federal Regulations
CHAP	Commission for Historical and Architectural Preservation
CHCDC	Coppin Heights Centers for Disease Control
CO	Carbon Monoxide
COMAR	Code of Maryland Regulations

CORE	Creating Opportunities for Renewal and Enterprise
CSA	Combined Statistical Area
CWA	Clean Water Act
dB(A)	A-weighted sound decibels
Dbh	Diameter at breast height
DCSLB	District of Columbia State Legislative Board
DDOT	District Department of Transportation
DEIS	Draft Environmental Impact Statement
DHCCDC	Druid Heights Centers for Disease Control
DNR	Department of Natural Resources
DOE	Department of Energy
DOE Form	Determination of Eligibility Form
DOT	Department of Transportation
DPW-OEC	Department of Public Works – Office of Engineering and Construction
EIS	Environmental Impact Statement
EJ	Environmental Justice
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
F&S	Flanigan & Sons
FACP	Fire Alarm Control Panel
FCP	Forest Conservation Plan
FD.C.s	Fire Department Connections
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIBI	Fish Index of Biological Integrity
FIRM	Flood Insurance Rate Maps
FR	Federal Register
FRA	Federal Railroad Administration
FSD	Forest Stand Delineation
FTA	Federal Transit Administration
FY	Fiscal Year
GDP	Gross Domestic Product
GHG	Greenhouse Gas
GIS	Geographic Information System
GMCC	Greater Mondawmin Coordinating Council
HABC	Housing Authority of Baltimore City
HABS	Historic American Buildings Survey
HAER	Historic American Engineering Record
HASP	Health and Safety Plan

HHS	Health and Human Services
HSIPR	High Speed Intercity Passenger Rail
HUD	(Department of) Housing and Urban Development
IBI	Index of Biological Integrity
IRM	Interagency Review Meeting
ICE	Indirect and Cumulative Effects
IOAC	Infrastructure and Operations Advisory Commission
IPaC	Information for Planning and Conservation
IRM	Interagency Review Meetings
LCD	Land Clearing Debris
LIHTC	Low-Income Housing Tax Credit
LOD	Limits of Disturbance
LRP	Land Redevelopment Program
LRT	Light Rail Transit
MAHNA	Matthew A. Henson Neighborhood Association
MARC	Maryland Area Regional Commuter
MDE	Maryland Department of Environment
MD DNR	Maryland Department of Natural Resources
MDOT	Maryland Department of Transportation
MDP	Maryland Department of Planning
MDTA	Maryland Transportation Authority
MERLIN	Maryland Environmental Resources and Land Information Network
MHT	Maryland Historical Trust
MIHP	Maryland Inventory of Historic Properties
MOA	Memorandum of Agreement
MPA	Maryland Port Administration
MPH	Miles per hour
MPN	Most Probable Number
MSA	Metropolitan Statistical Area
MTA	Maryland Transit Administration
MPWG	NEC Master Plan Working Group
NAAQS	National Ambient Air Quality Standards
NAICS	North American Industry Classification System
NB	Northbound
NCES	National Center for Educational Statistics
NE	Northeast
NEC	Northeast Corridor
NEPA	National Environmental Policy Act
NFPA	National Fire Protection Association
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service

NPDES	National Pollutant Discharge Elimination System
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NS	Norfolk Southern Railway
NWI	National Wetlands Inventory
OCC	Operations Control Center
OCP	Oil Control Program
OHW	Ordinary High Water Mark
OSHA	Occupational Safety and Health Administration
OTR	Ozone Transport Region
PA	Programmatic Agreement
PAH	Polycyclic Aromatic Hydrocarbons
PASR	Preliminary Alternatives Screening Report
PCB	Polychlorinated Biphenyls
PM	Particulate Matter
PM	“Post Meridiem” or afternoon
PPV	Peak Particle Velocity
PRD	Project Review Decision
PRIIA	Passenger Rail Investment and Improvement Act
PSA	Preliminary Screening Assessment
PSD	Prevention of Significant Deterioration
PUD	Planned Unit Development
RATT	Residents Against the Tunnels
RCRA	Resource Conservation and Recovery Act
RHIC	Reservoir Hill Improvement Council
RIMS	Regional Input-Output Modeling System
RMS	Root Mean Square
ROD	Record of Decision
ROW	Right-of-Way
RPPV	Resultant Peak Particle Velocity
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SB	Southbound
SBA	Small Business Administration
SDP	Service Development Plan
SEL	Sound Exposure Level

SEM	Sequential Excavation Method
SHA	State Highway Administration
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SOGR	State of Good Repair
SSA	Sole Source Aquifer
STB	Surface Transportation Board
TBM	Tunnel Boring Machine
TIP	Transportation Improvement Program
TMDL	Total Maximum Daily Load
TOD	Transit-Oriented Development
TSS	Total Suspended Solids
USACE	United States Army Corps of Engineers
USC	United States Code
USDA	United States Department of Agriculture
USDOE	United States Department of Education
USDOL	United States Department of Labor
USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
VdB	Velocity decibel
VOC	Volatile Organic Compound
WQA	Water Quality Analysis
WQL	Water Quality Limited
WSS	Web Soil Survey
WTY	Washington Terminal Yard
WUS	Washington Union Station
YOE	Year of Expenditure