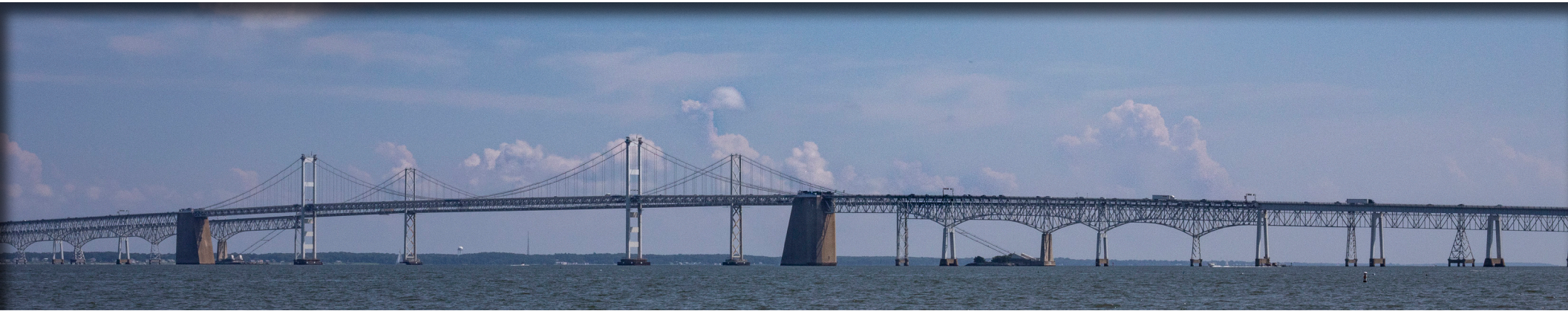




CHESAPEAKE BAY CROSSING STUDY — TIER 1 NEPA —



DRAFT ENVIRONMENTAL IMPACT STATEMENT

FEBRUARY 2021



Maryland
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CHESAPEAKE BAY CROSSING STUDY: TIER 1 NEPA

Maryland

DRAFT ENVIRONMENTAL IMPACT STATEMENT

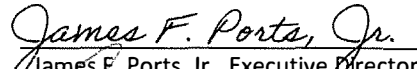
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By:
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
and
MARYLAND TRANSPORTATION AUTHORITY

In Cooperation with:
US Army Corps of Engineers, US Environmental Protection Agency,
US Coast Guard, National Marine Fisheries Service,
Maryland Department of the Environment, Maryland Department of Natural Resources,
and the Maryland Department of Transportation State Highway Administration

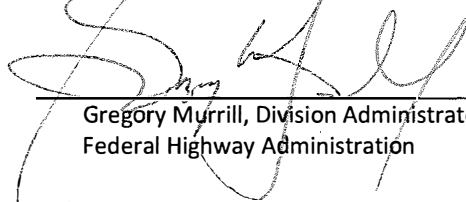
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Date of Approval


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2/3/2021

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The purpose of the Chesapeake Bay Crossing Study: Tier 1 NEPA is to consider corridors for providing additional capacity and access across the Chesapeake Bay in order to improve mobility, travel reliability and safety at the existing Bay Bridge. The Study is evaluating potential new corridor alternatives that will include assessment of existing and potentially expanded transportation infrastructure needed to support additional capacity, improve travel times, and accommodate maintenance activities, while considering financial viability and environmental responsibility. This Tier 1 Draft Environmental Impact Statement (DEIS) presents the Study purpose and need, alternatives considered, the existing environmental conditions, and an analysis of the anticipated beneficial and adverse environmental effects of the alternatives. The DEIS provides a comparative analysis between the No-Build Alternative and three corridor alternatives; and identifies the Maryland Transportation Authority-Recommended Preferred Corridor Alternative as Corridor 7. Comments on the DEIS are due by May 10, 2021 and should be sent to Heather Lowe at the above address or submitted using the online comment form at <https://baycrossingstudy.com/public-involvement/submit-comments>. The Federal Highway Administration intends to issue a combined FEIS / Record of Decision.

CHESAPEAKE
BAY CROSSING STUDY
TIER 1 NEPA

**DRAFT ENVIRONMENTAL
IMPACT STATEMENT**

FEBRUARY 2021



**Maryland
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ABBREVIATIONS & ACRONYMS

| | |
|--------|--|
| ACHP | Advisory Council on Historic Preservation |
| ACRES | Assessment, Cleanup and Redevelopment Exchange System |
| ACS | American Community Survey |
| ADT | Average Daily Traffic |
| AET | All Electronic Tolling |
| APE | Area of Potential Effects |
| BMC | Baltimore Metropolitan Council |
| BCS | Bay Crossing Study |
| BRT | Bus Rapid Transit |
| BRTB | Baltimore Regional Transportation Board |
| CAA | Clean Air Act |
| CAC | Critical Area Commission |
| CARA | Corridor Alternatives Retained for Analysis |
| CBF | Chesapeake Bay Foundation |
| CEDRI | Compliance and Emissions Data Reporting Interface |
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act |
| CFR | Code of Federal Regulations |
| CHART | Coordinated Highways Action Response Teams |
| CHS | Controlled Hazardous Substance |
| CL | Corporate Land |
| CO | Carbon Monoxide |
| COMAR | Code of Maryland Regulations |
| CWA | Clean Water Act |
| DEIS | Draft Environmental Impact Statement |
| DelDOT | Delaware Department of Transportation |
| DOE | Determination of Eligibility |
| DOI | Department of the Interior |

ABBREVIATIONS & ACRONYMS

| | |
|-----------|--|
| EFH | Essential Fish Habitat |
| EIS | Environmental Impact Statement |
| EO | Executive Order |
| ES | Estuarine |
| ETC | Electronic Toll Collection |
| FCA | Forest Conservation Act |
| FED | Federal Land |
| FEMA | Federal Emergency Management Administration |
| FFDOCKET | Federal Facility Hazardous Waste Compliance Docket |
| FIDS | Forest Interior Dwelling Species |
| FRS | Facility Registry System |
| FTA | Federal Transit Administration |
| FHWA | Federal Highway Administration |
| GHG | Greenhouse Gas |
| GI | Green Infrastructure |
| GIS | Geographic Information System |
| HCM | Highway Capacity Manual |
| HCS | Highway Capacity Software |
| HRT | Heavy Rail Transit |
| ICE | Indirect and Cumulative Effects |
| ICM | Interagency Coordination Meeting |
| IDA | Intensely Developed Areas |
| L | Lacustrine |
| LDA | Limited Development Area |
| LEP | Limited English Proficiency |
| Leq | Equivalent Continuous Sound Level |
| LRP | Long-Range Plan |
| LOS | Level of Service |
| LRP | Land Restoration Program |
| LRT | Light Rail Transit |
| LUST-ARRA | Leaking Underground Storage Tank- American Recovery and Reinvestment Act |
| LWCF | Land and Water Conservation Fund Act |
| MAA | Maryland Aviation Administration |
| MDE | Maryland Department of the Environment |
| MDNR | Maryland Department of Natural Resources |
| MDOT | Maryland Department of Transportation |
| MDOT MTA | Maryland Department of Transportation Maryland Transit Administration |
| MDOT MVA | Maryland Department of Transportation Motor Vehicle Administration |

ABBREVIATIONS & ACRONYMS

| | |
|-------------------|---|
| MDP | Maryland Department of Planning |
| MD-RCRA | Maryland- Resource Conservation and Recovery Act Information System |
| MDTA | Maryland Transportation Authority |
| MD-TEMPO | Maryland- Tools for Environmental Management and Protection Organizations |
| MHT | Maryland Historical Trust |
| MIHP | Maryland Inventory of Historic Properties |
| MOA | Model and Operational Alternatives |
| MPO | Metropolitan Planning Organization |
| MSAT | Mobile Source Air Toxics |
| MSTM | Maryland Statewide Transportation Model |
| MVMT | Million Vehicle Miles Traveled |
| MWCOG | Metropolitan Washington Council of Governments |
| NAAQS | National Ambient Air Quality Standard |
| NAC | Noise Abatement Criteria |
| NCDB | National Compliance Data Base |
| NEPA | National Environmental Policy Act |
| NHPA | National Historic Preservation Act |
| NHL | National Historic Landmark |
| NMFS | National Marine Fisheries Service |
| NO ₂ | Nitrogen Dioxide |
| NOAA | National Oceanic and Atmospheric Administration |
| NPS | National Park Service |
| NRCS | National Resources Conservation Service |
| NRHP | National Register of Historic Places |
| NSA | Noise-Sensitive Area |
| NWI | National Wetlands Inventory |
| NWR | National Wildlife Refuge |
| O ₃ | Ozone |
| O-D | Origins and destinations |
| OMB | Office of Management and Budget |
| OPA | Oil Pollution Act |
| OWJ | Official with Jurisdiction |
| P&N | Purpose and Need |
| PEM | Palustrine Emergent |
| PFA | Priority Funding Area |
| PFO | Palustrine Forested |
| PM _{2.5} | Fine Particulate Matter |
| PM ₁₀ | Course Particulate Matter |

ABBREVIATIONS & ACRONYMS

| | |
|----------|---|
| PSS | Palustrine Scrub/Shrub |
| PTI | Planning Time Index |
| PUB | Palustrine Unconsolidated Bottom |
| PUS | Palustrine Unconsolidated Shore |
| RCA | Resource Conservation Areas |
| RCRA | Resource Conservation and Recovery Act |
| RMP | Risk Management Plan |
| ROD | Record of Decision |
| SAV | Submerged Aquatic Vegetation |
| SEMS | Superfund Enterprise Management System |
| SDAT | State Department of Assessments and Taxation |
| SIP | State Implementation Plan |
| SSPRA | Sensitive Species Project Review Areas |
| TIP | Transportation Improvement Program |
| TRIS | Toxics Release Inventory System |
| TSCA | Toxic Substances Control Act |
| TSM/TDM | Transportation System Management/Travel Demand Management |
| USACE | United States Army Corps of Engineers |
| USC | United States Code |
| USCG | United States Coast Guard |
| USDOT | United States Department of Transportation |
| USEPA | United States Environmental Protection Agency |
| USFWS | United States Fish and Wildlife Service |
| UST | Underground Storage Tank |
| VDOT | Virginia Department of Transportation |
| VCP | Voluntary Cleanup Program |
| VPD | Vehicles per Day |
| VPH | Vehicles per Hour |
| WILMAPCO | Wilmington Area Planning Council |
| WOTUS | Waters of the United States |
| WSSC | Wetlands of Special State Concern |