

FY 2020 - 2029
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
Transportation Authorities Project Descriptions
Delaware River and Bay Authority

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| Cape May-Lewes Ferry |
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| Generator Switchgear Replacement - Cape May - Asset Preservation |
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The Cape May Terminal's switchgear for emergency power is reaching the end of its life cycle. This project proposes the design and installation of a new switch gear for the emergency power system.

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| ROUTE (MILEPOSTS): US 9 (0 - 1) | Cost (\$ Millions) | Construction (Year) |
| COUNTY: Cape May County | \$1.300 | 2020 - 2022 |

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Delaware Memorial Bridge

1st Structure Safety Walk & Curb Drainage Retrofit- Safety

The 1st structure currently has an open grate safety walk which allows water, road salts, and sand to corrode the structural steel beneath the road level. This project programs the design and construction necessary to convert from an open grate safety walk to a solid surface.

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| ROUTE (MILEPOSTS): I-295 (0 - 0.73) | Cost (\$ Millions) | Construction (Year) |
| COUNTY: Salem County | \$2.200 | 2020 - 2021 |

Advance Steel Repair

There are known steel deficiencies in areas of the Delaware Memorial Bridge superstructure where the steel will be blast cleaned and painted from bare steel. This project proposes to identify and correct these deficiencies in advance of planned painting projects.

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| ROUTE (MILEPOSTS): I-295 (0 - 0.73) | Cost (\$ Millions) | Construction (Year) |
| COUNTY: Salem County | \$5.000 | 2019 - 2023 |

Approach Pavement Repair -Asset Preservation

Large sections of hot mix pavement in the northbound direction are 12 or more years old, showing signs of distress, and have reached the end of their useful life. This project will remove the wearing surface and install a fresh wearing course in sections over a three year period.

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| ROUTE (MILEPOSTS): I-295 (0 - 0.73) | Cost (\$ Millions) | Construction (Year) |
| COUNTY: Salem County | \$3.500 | 2019 - 2023 |

Delaware Memorial Bridge Deck repair and Ultra High Performance Concrete Evaluation (NB Structure)-Asset Preservation

Delaware Memorial Bridge's structures exhibit minor deck cracking and delamination as well as potholes due to age and heavy truck volumes. This project proposes to demonstrate a proof of concept for Ultra High Performance Concrete (UHPC) overlays on the decks of the Delaware Memorial Bridge. As part of this project, area will be identified on the bridge where UHPC overlays can be installed and cores taken for testing and evaluation.

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| ROUTE (MILEPOSTS): I-295 (0 - 0.73) | Cost (\$ Millions) | Construction (Year) |
| COUNTY: Salem County | \$21.500 | 2019 - 2022 |

Fall Preventing Fencing - Safety

This project proposes to install anti-climb mesh fencing along both spans of the Delaware Memorial Bridge

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| ROUTE (MILEPOSTS): I-295 (0 - 0.73) | Cost (\$ Millions) | Construction (Year) |
| COUNTY: Salem County | \$22.000 | 2020 - 2022 |

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|---------------------------------|
| Delaware Memorial Bridge |
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| Norfolk Rail Road Backwall Replacement - Asset Preservation |
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The backwall of the bridge over the Norfolk Southern Railroad has developed a large longitudinal crack that extends through the length of the backwall. The project aims to replace this backwall and expansion joint above with a jointless backwall that will be designed to perform better and eliminate leakages from the joint.

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| ROUTE (MILEPOSTS): I-295 (0 - 0.73) | Cost (\$ Millions) | Construction (Year) |
| COUNTY: Salem County | \$2.500 | 2020 |

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| Route 9 Bridge Repairs - Asset Preservation |
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The Route 9 bridge slabs are showing signs of deterioration near the bridge joints. The project aims to remove and replace existing bridge joints with new joint and repair and rebuild deteriorated portions of the bridge slabs.

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| ROUTE (MILEPOSTS): I-295 (0 - 0.73) | Cost (\$ Millions) | Construction (Year) |
| COUNTY: Salem County | \$3.200 | 2020 |