

FY 2022 - 2031

DRAFT STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

Transportation Authorities Project Descriptions

*Delaware River and Bay Authority*

**Cape May-Lewes Ferry**

**Generator Switchgear Replacement - Cape May - Asset Preservation**

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

**Delaware Memorial Bridge**

**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.

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

**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 section.

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

**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) .

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

**Fall Preventing Fencing - Safety**

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

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