

# I-495/I-270 Traffic Relief Plan Pipeline Relocations

| A. Identification and Coding Information |                |             | PDF Date     | October 1, 2023 | Pressure Zones  | Cabin John 350A; Falls Road 552A; Montgomery High            |  |  |  |  |  |
|------------------------------------------|----------------|-------------|--------------|-----------------|-----------------|--------------------------------------------------------------|--|--|--|--|--|
| Agency Number                            | Project Number | Update Code | Date Revised |                 | Drainage Basins | Cabin John 07; Muddy Branch 13; Rock Run 1; Watts Branch     |  |  |  |  |  |
| W - 000161.02                            | 382306         | Change      |              |                 | Planning Areas  | Gaithersburg & Vicinity PA 20; Potomac-Cabin John & Vicinity |  |  |  |  |  |

## B. Expenditure Schedule (000's)

| Cost Elements                  | Total          | Thru FY'23 | Estimate FY'24 | Total 6 Years  | Year 1 FY'25  | Year 2 FY'26  | Year 3 FY'27  | Year 4 FY'28  | Year 5 FY'29  | Year 6 FY'30 | Beyond 6 Years |
|--------------------------------|----------------|------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|--------------|----------------|
| Planning, Design & Supervision | 26,527         | 572        | 68             | 25,887         | 2,921         | 7,767         | 7,642         | 5,052         | 2,505         |              |                |
| Land                           |                |            |                |                |               |               |               |               |               |              |                |
| Construction                   | 167,061        | 13         |                | 167,048        | 16,703        | 50,117        | 50,112        | 33,411        | 16,705        |              |                |
| Other                          | 9,650          |            | 3              | 9,647          | 981           | 2,894         | 2,888         | 1,923         | 961           |              |                |
| <b>Total</b>                   | <b>203,238</b> | <b>585</b> | <b>71</b>      | <b>202,582</b> | <b>20,605</b> | <b>60,778</b> | <b>60,642</b> | <b>40,386</b> | <b>20,171</b> |              |                |

## C. Funding Schedule (000's)

|                     |         |     |    |         |        |        |        |        |        |  |  |
|---------------------|---------|-----|----|---------|--------|--------|--------|--------|--------|--|--|
| Contributions/Other | 203,238 | 585 | 71 | 202,582 | 20,605 | 60,778 | 60,642 | 40,386 | 20,171 |  |  |
|---------------------|---------|-----|----|---------|--------|--------|--------|--------|--------|--|--|

## D. Description & Justification

### DESCRIPTION

This project provides for the planning, design, and construction of water and sewer pipe relocations necessitated by the State of Maryland's plans to expand I-495 and I-270.

### BENEFIT

Regulatory & Other Agreements: This project is required to meet regulatory requirements, multi-jurisdictional agreements, and/or consent decrees

### JUSTIFICATION

In September 2017, the Maryland Department of Transportation (MDOT) State Highway Administration (SHA) announced a proposed highway improvement project to widen I-495 and I-270 in Montgomery and Prince George's Counties. January 2020, the Maryland Board of Public Works set a condition that the process start with Phase 1 of the project, which focuses on I-495 from the George Washington Memorial Parkway in Virginia to I-270 in Maryland and on I-270 from I-495 to I-70. February 2020, MDOT SHA issued a request for qualifications for preliminary development activities for Phase 1. July 2020, the Federal Highway Administration (FHWA) and MDOT SHA completed the draft environmental impact statement (DEIS). December 2020, a request for proposals was issued by MDOT and the Maryland Transportation Authority (MDTA) for a Phase 1 developer. January 2021, MDOT SHA recommended that Alternative 9 be identified as the preferred alternative in the DEIS. February 2021, MDOT and MDTA announced the selection of Accelerate Maryland Partners, LLC to lead the predevelopment work on Phase 1. May 2021, Alternative 9: Phase 1 South was announced as the new recommended preferred alternative by FHWA and MDOT SHA. This alternative focuses on adding two high occupancy toll (HOT) managed lanes in each direction for I-495 from the George Washington Memorial Parkway in Virginia to east of MD 187 in Maryland, for I-270 from I-495 to I-370, and on the I-270 eastern spur from east of MD 187 to I-270. This alternative includes the construction of a new American Legion Bridge.

The preliminary plans indicate that the proposed MDOT SHA project will impact water and sewer assets owned by WSSC Water that are located in the I-495 and I-270 corridors within the WSSD. The impacted pipes range from 6 to 96-inches in diameter. WSSC Water has an existing memorandum of understanding (MOU) agreement with MDOT SHA to review and coordinate potential impacts to existing WSSC Water infrastructure to accommodate MDOT SHA highway improvement projects. Negotiations on a Framework Agreement to ensure this project poses no financial impact to ratepayers are underway.

### COST CHANGE

Not applicable.

### OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are order of magnitude estimates based upon Alternative 9: Phase 1 South and are expected to change based upon site conditions and design constraints. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

### COORDINATION

Coordinating Agencies: Maryland State Department of Transportation; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Montgomery County Government; Prince George's County Government  
Coordinating Projects: Not Applicable

| E. Annual Operating Budget Impact (000's) |  | FY of Impact |
|-------------------------------------------|--|--------------|
| Staff & Other                             |  |              |
| Maintenance                               |  |              |
| Debt Service                              |  |              |
| Total Cost                                |  |              |
| Impact on Water and Sewer Rate            |  |              |

## F. Approval and Expenditure Data (000's)

|                              |         |
|------------------------------|---------|
| Date First in Program        | FY'23   |
| Date First Approved          | FY'23   |
| Initial Cost Estimate        | 182,600 |
| Cost Estimate Last FY        | 193,557 |
| Present Cost Estimate        | 203,238 |
| Approved Request Last FY     | 19,642  |
| Total Expense & Encumbrances | 585     |
| Approval Request Year 1      | 20,605  |

## G. Status Information

|                           |                |
|---------------------------|----------------|
| Land Status               | Not Applicable |
| Project Phase             | Planning       |
| Percent Complete          | 0 %            |
| Estimated Completion Date | TBD            |

|                          |      |
|--------------------------|------|
| Growth                   |      |
| System Improvement       | 100% |
| Environmental Regulation |      |
| Population Served        |      |
| Capacity                 |      |

## H. Map

