2021-2024 TIP Amendment: MDOT MPA BUILD Grant for the Dundalk Marine Terminal

November 2020
DMT Resiliency and Flood Mitigation Improvements

- Install 15 backflow preventers
- Construct ~4,000 feet of box culvert with a pump for extreme rain events
- Install a perimeter barrier to prevent storm surge from overtopping the berths
Project Components

LEGEND
OUTFALL WITH PUMP STATION
BACKFLOW PREVENTERS (15)
BERTH SIDE SEA CURB (8,585 LF)
MOBILE SEA CURB (1,495 LF)
LANDSIDE SEA CURB (4,165 LF)
FLOOD MITIGATION – PHASE 1
FLOOD MITIGATION – PHASE 2

TOTAL COST
PUMP STATIONS (1) $2.4 M
FLOOD MITIGATION – PHASE 1 $15 M
FLOOD MITIGATION – PHASE 2 $10 M
BERTH SIDE, LANDSIDE & MOBILE SEA CURB & BACKFLOW PREVENTERS (15) $3.9 M
TOTAL $36.7 M
## Project Costs and Funding

- **Total Cost:** $36.7 million

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<th>FY23</th>
<th>FY24</th>
<th>FY25</th>
<th>FY26</th>
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<td><strong>Federal (BUILD) Contribution</strong></td>
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<td><strong>TOTAL</strong></td>
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Project Benefits

- Storm surges are becoming more frequent and could flood up to 318 acres or 72% of DMT’s open storage area.
- The project improvements will reduce the chance of catastrophic flooding by 70% and avoid up to 24 inches of flooding that is currently being experienced in some locations.
- The box culvert will also reduce or eliminate contaminated sediment and groundwater discharging into the Patapsco River, promoting environmental sustainability.
For More Information

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