



HARFORD COUNTY



PROJECT: MD 22, Aberdeen Thruway

DESCRIPTION: Intersection improvements at Beards Hill Road (BRAC Intersection Improvements).

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations at the MD 22 and Beards Hill Road intersection. It will improve access to the Aberdeen Proving Grounds and commercial activities in the area.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project includes intersection improvements to accommodate growth from BRAC. The improvement will address operational and safety concerns, support freight movement, and provide improved access to the Aberdeen Proving Grounds. This project supports economic development in and around APG in Harford County.

STATUS: Open to Service.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | |
|---------------------------|------------------------------|---|-------------------|------------------|----------------------------|----------------|----------------|----------------|---|----------------|
| PHASE | PROJECT CASH FLOW | | | | | | | | | |
| | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2019 | CURRENT YEAR 2020 | BUDGET YEAR 2021 | FOR PLANNING PURPOSES ONLY | | | | | SIX YEAR TOTAL |
| | | | | |2022..... |2023..... |2024..... |2025..... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 5,068 | 5,068 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 11,626 | 11,626 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 16,703 | 16,703 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal-Aid | 13,382 | 13,382 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 31,300

PROJECTED (2040) - 42,400



PROJECT: US 40, Pulaski Highway

DESCRIPTION: Construct intersection improvements on US 40 at the MD 7/MD 159 (Phase 2) to support the Base Realignment and Closure (BRAC) growth at Aberdeen Proving Grounds.

PURPOSE & NEED SUMMARY STATEMENT: Improve capacity at the intersection of US 40 with MD 7 and MD 159, in an effort to improve access to the Aberdeen Proving Grounds.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: The project includes capacity and geometric improvements that will improve safety and operations of the intersection. The intersection is a major access point to the Aberdeen Proving Grounds and Aberdeen's surrounding industrial park area.

STATUS: Construction underway. City of Aberdeen contributed \$0.1 million towards construction and Harford County contributed \$3.4 million towards construction.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

| PHASE | TOTAL | | PROJECT CASH FLOW | | | | | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
|--------------|------------------------|------------------|-------------------|------------------|----------------------------|----------|----------|----------|----------|----------|----------------|---------------------|
| | ESTIMATED COST (\$000) | EXPEND THRU 2019 | CURRENT YEAR 2020 | BUDGET YEAR 2021 | FOR PLANNING PURPOSES ONLY | | | | | | | |
| | | | | | 2022 | 2023 | 2024 | 2025 | 2026 | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 3,241 | 3,170 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 |
| Construction | 21,377 | 18,534 | 2,780 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 2,843 | 0 |
| Total | 24,618 | 21,704 | 2,851 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 2,914 | 0 |
| Federal-Aid | 19,114 | 16,551 | 2,502 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 2,563 | 0 |

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

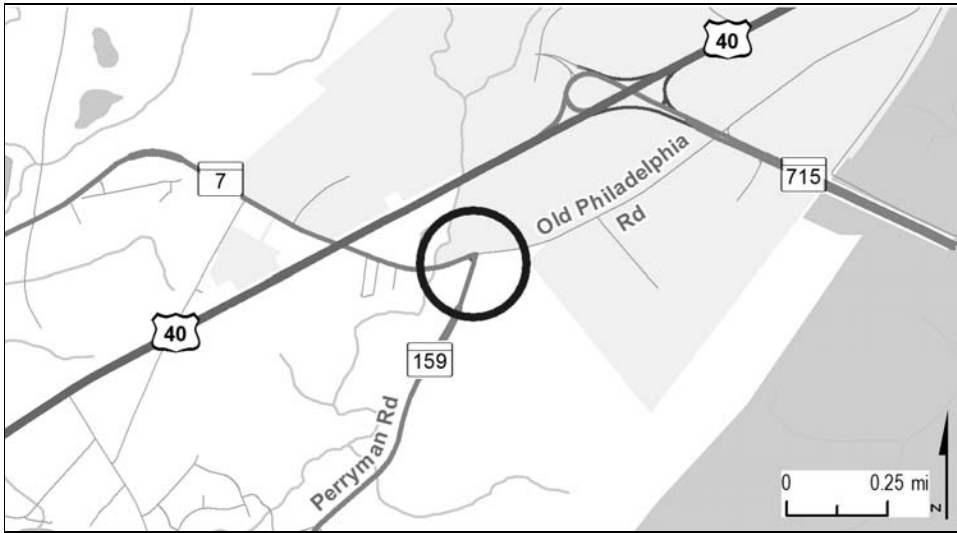
CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 40,375

PROJECTED (2040) - 56,375



PROJECT: MD 159, Philadelphia Road Improvement Project

DESCRIPTION: Construct a roundabout at MD 159 and Old Philadelphia Road.

PURPOSE & NEED SUMMARY STATEMENT: This project will improve access to the planned growth area of the Perryman Peninsula and improve the safety and operation of the area road network.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:
 US 40, at MD 7/MD 159 (Phase 2) (Line 2)

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project will address safety and promote economic development through better access to major manufacturing and distribution centers.

STATUS: County project open to service. County funded engineering and construction.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

| PHASE | POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
|--------------|------------------------------|------------------|---|------------------|--|----------------|----------------|----------------|---|---|----------------|---------------------|
| | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2019 | CURRENT YEAR 2020 | BUDGET YEAR 2021 | PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY | | | | | | | |
| | | | | |2022..... |2023..... |2024..... |2025..... | | | | |
| Planning | 248 | 248 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 138 | 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | 386 | 386 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Federal-Aid | 106 | 106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

CLASSIFICATION:

STATE - Minor Collector

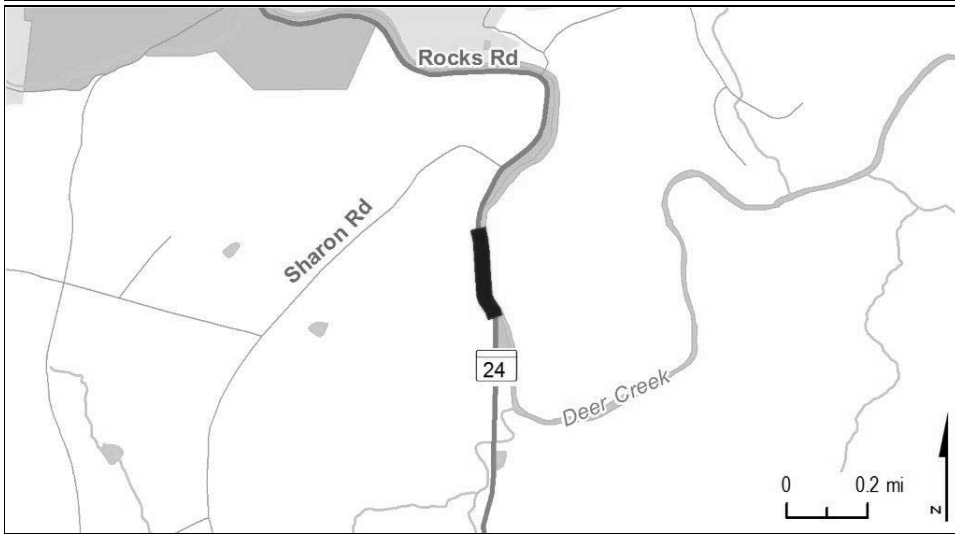
FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 5,525

PROJECTED (2040) - 12,000



PROJECT: MD 24, Rocks Road

DESCRIPTION: MD 24 will be resurfaced and reconstructed including slope repair and guardrail replacement. This is the southern section (Section G) which extends from 900 feet south of Sharon Road to 1,700 feet north of Ferncliff Lane.

JUSTIFICATION: The purpose of this project is to improve the road safety by remediating the slope supporting MD 24, repairing the pavement, improving roadway drainage, and addressing roadside safety concerns.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | |
|---------------------------|------------------------------|---|-------------------|------------------|----------------------------|----------------|----------------|----------------|-------|----------------|
| PHASE | PROJECT CASH FLOW | | | | | | | | | |
| | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2019 | CURRENT YEAR 2020 | BUDGET YEAR 2021 | FOR PLANNING PURPOSES ONLY | | | | | SIX YEAR TOTAL |
| | | | | |2022..... |2023..... |2024..... |2025..... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 2,988 | 1,238 | 700 | 700 | 350 | 0 | 0 | 0 | 1,750 | 0 |
| Right-of-way | 250 | 15 | 235 | 0 | 0 | 0 | 0 | 0 | 235 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 3,238 | 1,253 | 935 | 700 | 350 | 0 | 0 | 0 | 1,985 | 0 |
| Federal-Aid | 2,217 | 919 | 519 | 519 | 260 | 0 | 0 | 0 | 1,298 | 0 |

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 3,775

PROJECTED (2040) - 7,825



PROJECT: US 1, Belair Road

DESCRIPTION: Study to reconstruct US 1 to a multilane highway from MD 152 to the Hickory Bypass (5.5 miles). Sidewalks will be included where appropriate and shoulders will accommodate bicycles.

JUSTIFICATION: This project would improve safety and operations on US 1.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Planning complete.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

| POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | | | | |
|---------------------------|------------------------------|---|-------------------|------------------|----------------------------|----------------|----------------|----------------|---|---|----------------|---------------------|
| PHASE | PROJECT CASH FLOW | | | | | | | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
| | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2019 | CURRENT YEAR 2020 | BUDGET YEAR 2021 | FOR PLANNING PURPOSES ONLY | | | | | | | |
| | | | | |2022..... |2023..... |2024..... |2025..... | | | | |
| Planning | 2,270 | 2,270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 286 | 286 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2,556 | 2,556 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal-Aid | 979 | 979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CLASSIFICATION:

STATE - Intermed./Minor Arterial

FEDERAL - Freeway/Expressway

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 45,640

PROJECTED (2040) - 62,750

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HARFORD COUNTY LINE 6

| ITEM NO. | ROUTE NO. | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL 2018 PROJECT COST (\$000's) | CONSTRUCTION START Status as of August 1, 2019 |
|----------|-----------|---|-----------------------------------|---|
| 1 | US 1 | <p align="center"><u>Fiscal Year 2019 Completions</u></p> <p align="center"><u>Bridge Replacement/Rehabilitation</u></p> <p>Conowingo Road; South of Conowingo Dam; retaining walls</p> | 1,558 | Completed |

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HARFORD COUNTY LINE 6 (cont'd)

| ITEM NO. | ROUTE NO. | DESCRIPTION AND IMPROVEMENT TYPE | 2 Year (20 - 21) PROJECT COST (\$000's) | CONSTRUCTION START Status as of August 1, 2019 |
|---|-----------|---|---|---|
| <u>Fiscal Year 2020 and 2021</u> | | | | |
| <u>Resurface/Rehabilitate</u> | | | | |
| 2 | US 1 BU | Main Street to Hickory Avenue | 853 | FY 2020 |
| 3 | MD 924 | Plumtree Road to Ring Factory Road, US 1 Business to MD 924 (Main Street) | 2,666 | FY 2020 |
| 4 | MD 132 | MD 462 to US 40 | 2,008 | FY 2020 |
| 5 | | At various locations west of US 1 in Harford County; mill and resurface | 6,794 | Under construction |
| 6 | | At various locations east of US 1 in Harford County; mill and resurface | 8,790 | Under construction |
| 7 | | At various locations in west Harford County; mill and resurface | 14,172 | Under construction |
| 8 | | At various locations in east Harford County; mill and resurface | 13,540 | Under construction |
| 9 | MD 22 | Churchville Road; Prospect Mill Road to MD 136; resurface | 2,324 | Under construction |
| <u>Bridge Replacement/Rehabilitation</u> | | | | |
| 10 | | 11 bridges on Churchville Road, Vietnam Veterans Memorial Hwy, Ady Road, Prospect Road; clean/paint bridges | 2,399 | Under construction |
| <u>Safety/Spot Improvement</u> | | | | |
| 11 | MD 623 | Castleton Road; Franklin Church Road to Glen Cove Road; drainage improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative | 2,714 | Under construction |
| <u>Environmental Preservation</u> | | | | |
| 12 | | Vegetation management on select mitigation sites in Harford County (D4) | 9 | Under construction |

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HARFORD COUNTY LINE 6 (cont'd)

| ITEM NO. | ROUTE NO. | DESCRIPTION AND IMPROVEMENT TYPE | 2 Year (20 - 21) PROJECT COST (\$000's) | CONSTRUCTION START Status as of August 1, 2019 |
|---|-----------|---|---|---|
| <u>Fiscal Year 2020 and 2021 (cont'd)</u> | | | | |
| <u>TMDL Compliance</u> | | | | |
| 13 | | Vegetation management for select sited in District 4 | 10 | Under construction |
| 14 | | At various locations in Harford County - Group 1A; drainage improvement | 1,599 | Under construction |
| 15 | | Tree establishment in various locations in Harford County; landscape | 1,702 | Under construction |