

### Hanover Road Corridor Improvement

<b>TIP ID</b>	11-1801-42	<b>Year of Operation</b>	2022
<b>Agency</b>	Anne Arundel County	<b>Project Type</b>	New or extended roadways
<b>Project Category</b>	Highway Capacity	<b>Functional Class</b>	Other Principal Arterial
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	0.4 miles
<b>CIP or CTP ID(s)</b>	H566700 (CIP) & AA372-11 (CTP)	<b>Est. Total Cost</b>	\$14,342,000

**Description:**

This project is to provide design, right-of-way acquisition and construction of a section of Hanover Road on a new alignment between Ridge Road and New Ridge Road in Hanover.

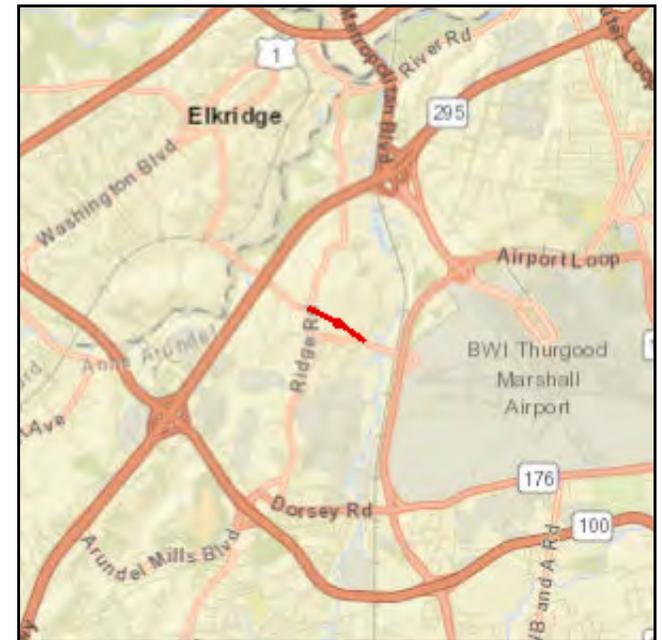
Engineering funds were programmed in FY 2017.

**Justification:**

This project is a breakout project from the MD 295 Project Planning Study that has a signed FONSI.

**Connection to Long-Range Transportation Planning Goals:**

- 4. Increase Mobility
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





Hanover Road Corridor Improvement

(Funding in Thousands)

Other

Phase	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$12,657	\$0	\$0	\$0	\$0	\$12,657
OTH	\$0	\$0	\$0	\$633	\$0	\$0	\$0	\$0	\$633
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,290</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,290</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,290</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,290</b>

### Furnace Avenue Bridge over Deep Run

<b>TIP ID</b>	11-1103-13	<b>Year of Operation</b>	2022
<b>Agency</b>	Anne Arundel County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Collector
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	H535200	<b>Est. Total Cost</b>	\$1,740,000

**Description:**

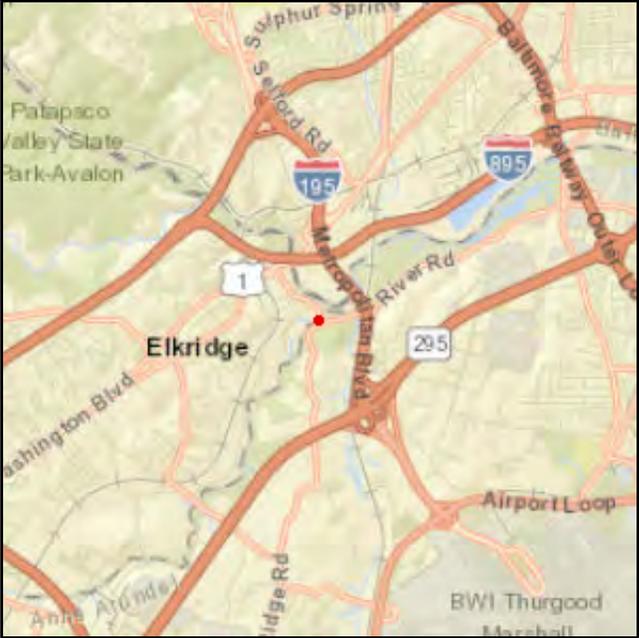
Reconstruct existing bridge to correct existing deficiencies, substandard approach road and bridge deck geometry. Five foot shoulders planned on both sides of the road.

**Justification:**

Correct bridge deficiencies.

**Connection to Long-Range Transportation Planning Goals:**

2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





Furnace Avenue Bridge over Deep Run

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$1,068	\$267	\$0	\$0	\$0	\$0	\$1,335
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$225	\$45	\$0	\$0	\$0	\$0	\$0	\$0	\$270
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$225</b>	<b>\$45</b>	<b>\$1,068</b>	<b>\$267</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,605</b>
<b>Total</b>	<b>\$225</b>	<b>\$45</b>	<b>\$1,068</b>	<b>\$267</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,605</b>

### Harwood Road Bridge over Stocketts Run

<b>TIP ID</b>	11-1208-13	<b>Year of Operation</b>	2022
<b>Agency</b>	Anne Arundel County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Collector
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	H535100	<b>Est. Total Cost</b>	\$2,532,000

**Description:**

This project will replace the existing bridge over Stocketts Run. Three foot shoulders planned on both sides of the road.

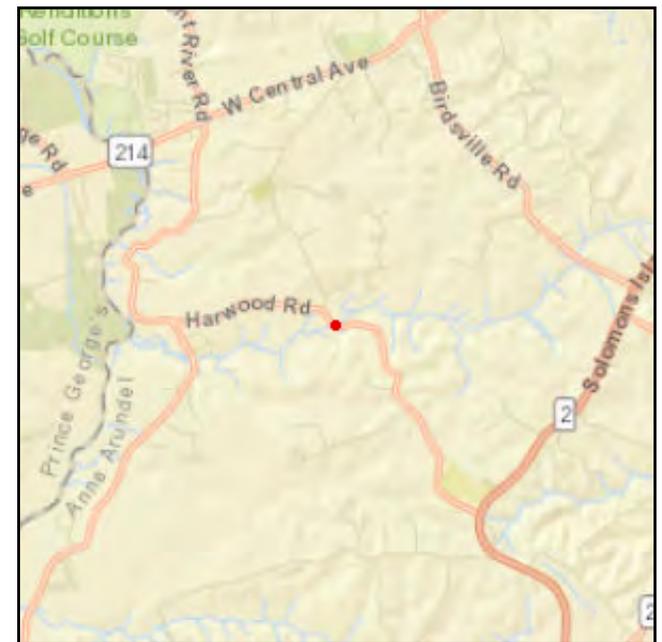
Engineering funds were included in the FY 2014-2017 TIP.

**Justification:**

Correct bridge deficiencies, geometry and substandard approach. The bridge is functionally obsolete and load restricted.

**Connection to Long-Range Transportation Planning Goals:**

2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





**Harwood Road Bridge over Stocketts Run**

(Funding in Thousands)

**Surface Transportation Block Grant Program**

Phase	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$1,274	\$399	\$0	\$0	\$0	\$0	\$0	\$0	\$1,673
OTH	\$0	\$17	\$0	\$0	\$0	\$0	\$0	\$0	\$17
ENG	\$0	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$30
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$1,274</b>	<b>\$446</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,720</b>
<b>Total</b>	<b>\$1,274</b>	<b>\$446</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,720</b>

### Magothy Bridge Road Bridge over Magothy River

<b>TIP ID</b>	11-1402-13	<b>Year of Operation</b>	2022
<b>Agency</b>	Anne Arundel County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Arterial
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	H534900	<b>Est. Total Cost</b>	\$4,711,000

**Description:**

Replace bridge deck and add shoulders to the bridge over the Magothy River. Five foot sidewalks and seven foot shoulders planned on both sides of the road.

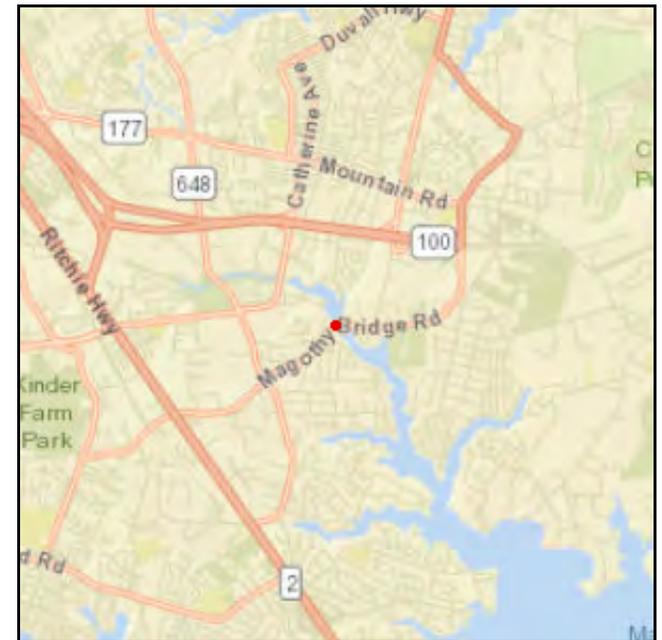
Engineering funds were included in a previous TIP.

**Justification:**

This bridge is functionally obsolete.

**Connection to Long-Range Transportation Planning Goals:**

2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





Magothy Bridge Road Bridge over Magothy River

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$2,379	\$595	\$0	\$0	\$0	\$0	\$0	\$0	\$2,974
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$2,379</b>	<b>\$595</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,974</b>
<b>Total</b>	<b>\$2,379</b>	<b>\$595</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,974</b>

### O'Connor Road Bridge over Deep Run

<b>TIP ID</b>	11-1403-13	<b>Year of Operation</b>	2021
<b>Agency</b>	Anne Arundel County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Local
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	H561000	<b>Est. Total Cost</b>	\$1,379,000

**Description:**

Replace bridge over Deep Run at O'Connor Road. Three foot shoulders planned on both sides of the road.

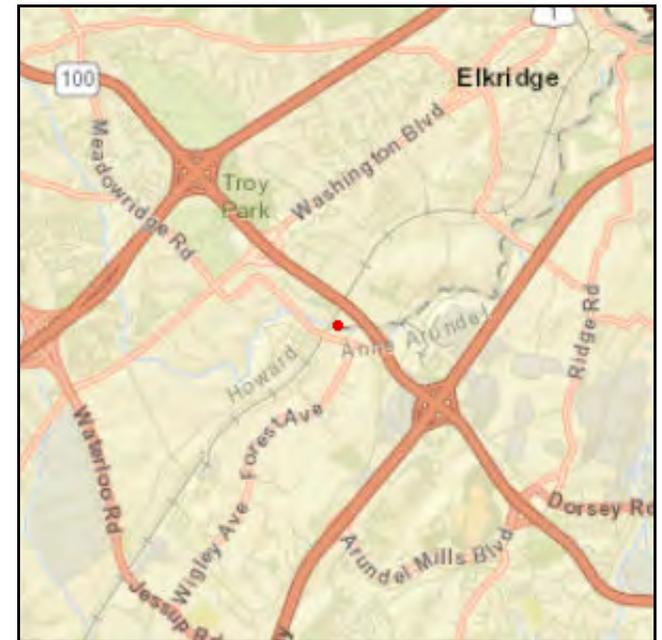
Engineering funds were included in the FY 2014-2017 TIP.

**Justification:**

The existing bridge is structurally deficient.

**Connection to Long-Range Transportation Planning Goals:**

2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





**O'Connor Road Bridge over Deep Run**

(Funding in Thousands)

**Surface Transportation Block Grant Program**

Phase	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$661	\$376	\$0	\$0	\$0	\$0	\$1,037
OTH	\$0	\$1	\$0	\$73	\$0	\$0	\$0	\$0	\$74
ENG	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$96
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$97</b>	<b>\$661</b>	<b>\$449</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,207</b>
<b>Total</b>	<b>\$0</b>	<b>\$97</b>	<b>\$661</b>	<b>\$449</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,207</b>

### McKendree Road Culvert over Lyons Creek

<b>TIP ID</b>	11-1601-19	<b>Year of Operation</b>	2022
<b>Agency</b>	Anne Arundel County	<b>Project Type</b>	Other
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Collector
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	H566801	<b>Est. Total Cost</b>	\$1,609,000

**Description:**

This project is to remove and replace the culvert on McKendree Road over Lyons Creek to correct the structurally deficient condition of the existing multicell culvert. Three foot shoulders planned on both sides of the road.

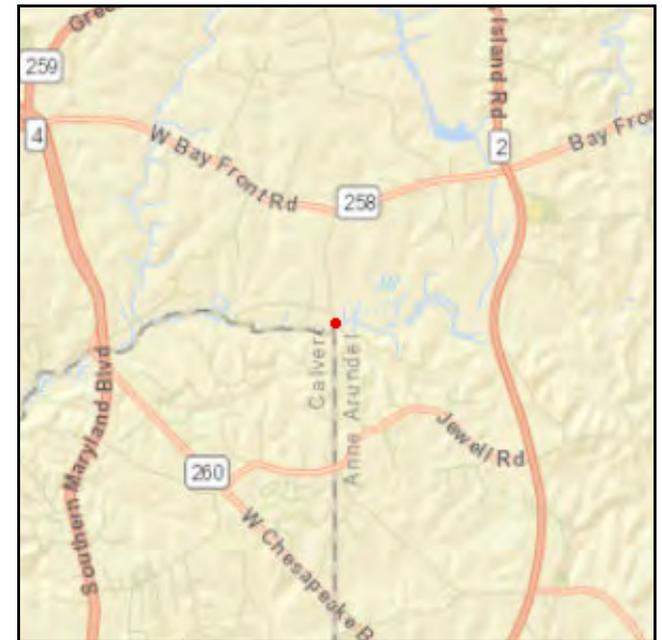
Engineering funds were included in FY 2017.

**Justification:**

The existing culvert is structurally deficient.

**Connection to Long-Range Transportation Planning Goals:**

2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





McKendree Road Culvert over Lyons Creek

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$709	\$329	\$0	\$0	\$0	\$0	\$1,038
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$709</b>	<b>\$329</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,038</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$709</b>	<b>\$329</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,038</b>

### Polling House Road Bridge over Rock Branch

<b>TIP ID</b>	11-1602-13	<b>Year of Operation</b>	2023
<b>Agency</b>	Anne Arundel County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Collector
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	H561100	<b>Est. Total Cost</b>	\$1,738,000

**Description:**

This project will replace the existing bridge along Polling House Road over Rock Branch to correct the deteriorated structure and obsolete deck geometry. Three foot shoulders planned on both sides of the road.

**Justification:**

Correct deteriorated structure and obsolete deck geometry.

**Connection to Long-Range Transportation Planning Goals:**

2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





**Polling House Road Bridge over Rock Branch**

(Funding in Thousands)

**Surface Transportation Block Grant Program**

Phase	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$300	\$60	\$833	\$207	\$0	\$0	\$1,400
OTH	\$0	\$3	\$0	\$4	\$0	\$73	\$0	\$0	\$80
ENG	\$215	\$43	\$0	\$0	\$0	\$0	\$0	\$0	\$258
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$215</b>	<b>\$46</b>	<b>\$300</b>	<b>\$64</b>	<b>\$833</b>	<b>\$280</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,738</b>
<b>Total</b>	<b>\$215</b>	<b>\$46</b>	<b>\$300</b>	<b>\$64</b>	<b>\$833</b>	<b>\$280</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,738</b>