

Dorsey Run Road: MD 175 to CSX Railroad Spur

TIP ID	16-1403-41	Year of Operation	2020
Agency	Howard County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Local
Conformity Status	Not Exempt	Physical Data	2 to 4 lanes, 1.1 miles
CIP or CTP ID(s)		Est. Total Cost	\$8,800,000

Description:

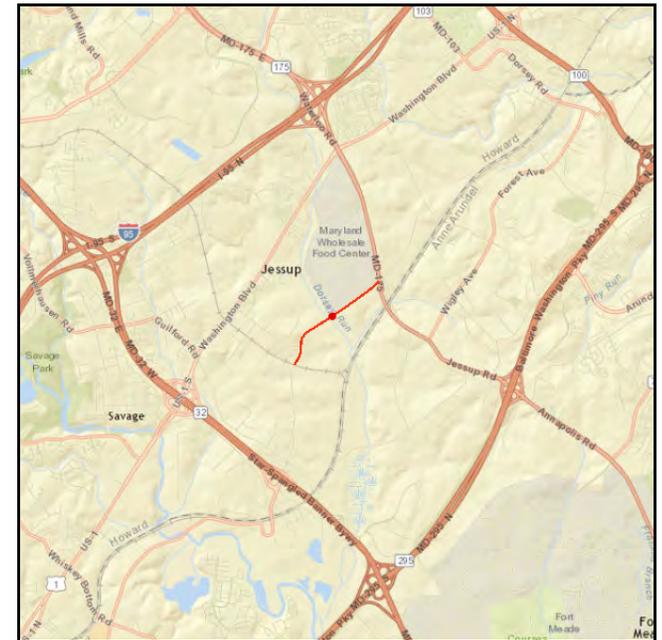
This project is to study, design, and reconstruct Dorsey Run Road to four lanes from MD 175 south to the CSX railroad spur crossing; a distance of 6,000 linear feet.

Justification:

The existing road is substandard with varying width and limited capacity. Dorsey Run Road is classified in the Plan Howard 2030 as a major collector and four lanes are needed to accommodate the increasing volumes of traffic.

Connection to Long-Range Transportation Planning Goals:

- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 4.A Increase Mobility -- Provide techniques or alternatives as part of a Congestion Management Process (CMP).
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





Dorsey Run Road: MD 175 to CSX Railroad Spur

(Funding in Thousands)

Other

Phase	FY 2016 Federal Funds	FY 2016 Matching Funds	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$8,000	\$0	\$0	\$8,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$800	\$0	\$0	\$800
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$0	\$8,800	\$0	\$0	\$8,800
Total	\$0	\$0	\$0	\$0	\$0	\$8,800	\$0	\$0	\$8,800

Guilford Road: US 1 to Dorsey Run Road

TIP ID	16-1405-41	Year of Operation	2020
Agency	Howard County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Local
Conformity Status	Not Exempt	Physical Data	2 to 4 lanes; 1 mile
CIP or CTP ID(s)		Est. Total Cost	\$16,720,000

Description:

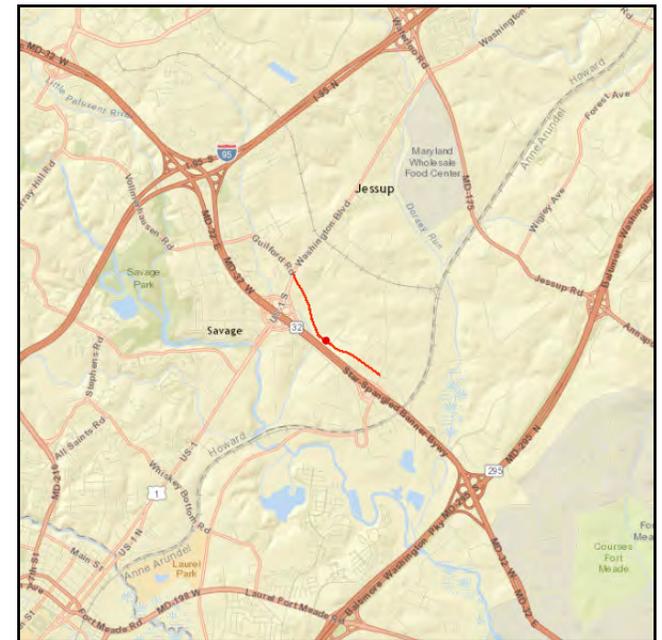
This project is to study, design, and reconstruct Guilford Road to three lanes from US 1 to Old Dorsey Run Road; a distance of 5,800 linear feet.

Justification:

The existing road is sub-standard with varying width and limited capacity. Guilford Road is classified as a major collector in the Plan Howard 2030 and three lanes are needed to accommodate the increasing volume of commercial traffic.

Connection to Long-Range Transportation Planning Goals:

- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 4.A Increase Mobility -- Provide techniques or alternatives as part of a Congestion Management Process (CMP).
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





Guilford Road: US 1 to Dorsey Run Road

(Funding in Thousands)

Other

Phase	FY 2016 Federal Funds	FY 2016 Matching Funds	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$16,000	\$0	\$0	\$0	\$0	\$16,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$720	\$0	\$0	\$0	\$0	\$720
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$16,720	\$0	\$0	\$0	\$0	\$16,720
Total	\$0	\$0	\$0	\$16,720	\$0	\$0	\$0	\$0	\$16,720

MD 175 at Blandair Park

TIP ID	16-1407-46	Year of Operation	2019
Agency	Howard County	Project Type	New interchange
Project Category	Highway Capacity	Functional Class	Other Freeway & Expressways
Conformity Status	Not Exempt	Physical Data	Full interchange
CIP or CTP ID(s)		Est. Total Cost	\$13,400,000

Description:

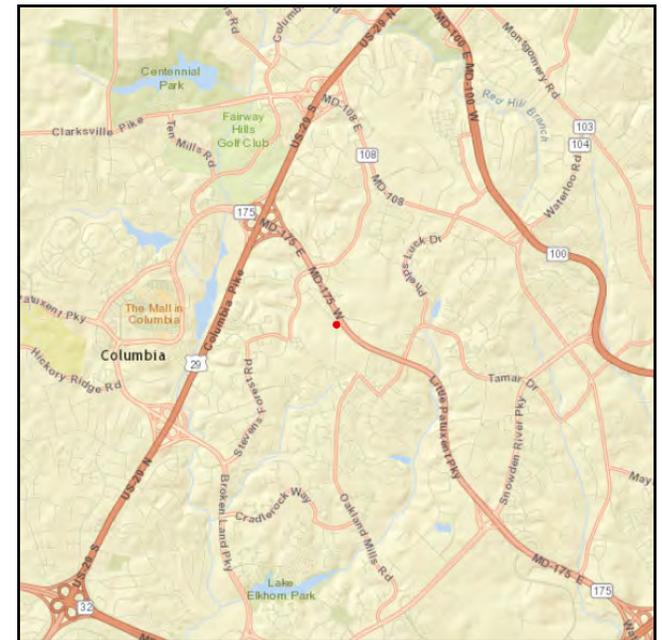
Grade-separated bridge with ramps at MD 175/Oakland Mills Road extended. Will provide access to and from Howard County Blandair Park.

Justification:

MD 175, an 8-lane Principal Arterial from I-95 to US 29, has significant regional peak hour traffic. The proposed interchange with Oakland Mills Road will ensure future capacity, level of service, and acceptable operating conditions, as well as improved access to Blandair park.

Connection to Long-Range Transportation Planning Goals:

- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 4.A Increase Mobility -- Provide techniques or alternatives as part of a Congestion Management Process (CMP).
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





MD 175 at Blandair Park

(Funding in Thousands)

Other

Phase	FY 2016 Federal Funds	FY 2016 Matching Funds	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$400	\$0	\$0	\$0	\$0	\$0	\$0	\$400
Subtotal	\$0	\$13,400	\$0	\$0	\$0	\$0	\$0	\$0	\$13,400
Total	\$0	\$13,400	\$0	\$0	\$0	\$0	\$0	\$0	\$13,400

Skylark Boulevard extended to MD 216

TIP ID	16-1409-42	Year of Operation	2017
Agency	Howard County	Project Type	New or extended roadways
Project Category	Highway Capacity	Functional Class	Local
Conformity Status	Not Exempt	Physical Data	0 to 4 lanes, 2600 feet
CIP or CTP ID(s)		Est. Total Cost	\$16,000,000

Description:

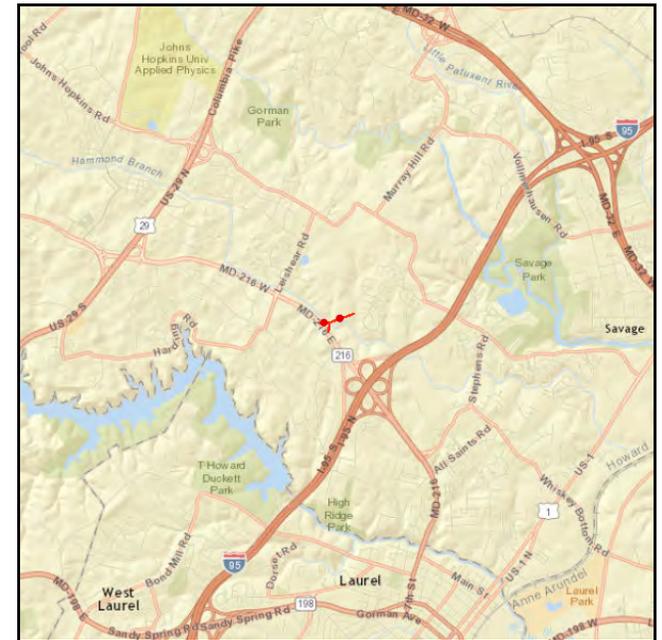
Installation of the typical section of a Major Collector Road based on the Howard County Design Manual. The add includes a 4-lane 300 foot bridge that will provide access from Emerson, a major residential and commercial planned unit development north of MD 216.

Justification:

Extension of Skylark Boulevard to MD 216 will facilitate balance of flows on the I-95/MD216 interchange thereby relieving current peak hour congestion. The developer of Emerson planned unit development through a Developer Agreement with Maryland State Highway Administration and Howard County will construct the Skylark Boulevard at the build phase of Emerson.

Connection to Long-Range Transportation Planning Goals:

- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 4.A Increase Mobility -- Provide techniques or alternatives as part of a Congestion Management Process (CMP).
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





Skylark Boulevard extended to MD 216

(Funding in Thousands)

Other

Phase	FY 2016 Federal Funds	FY 2016 Matching Funds	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$14,000	\$0	\$0	\$0	\$0	\$14,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$1,500
PP	\$0	\$0	\$0	\$500	\$0	\$0	\$0	\$0	\$500
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$16,000	\$0	\$0	\$0	\$0	\$16,000
Total	\$0	\$0	\$0	\$16,000	\$0	\$0	\$0	\$0	\$16,000

Snowden River Parkway: Broken Land Parkway to Oakland Mills Road

TIP ID	16-1410-41	Year of Operation	2020
Agency	Howard County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Minor Arterial
Conformity Status	Not Exempt	Physical Data	4 to 6 lanes, 6300 Feet
CIP or CTP ID(s)		Est. Total Cost	\$9,350,000

Description:

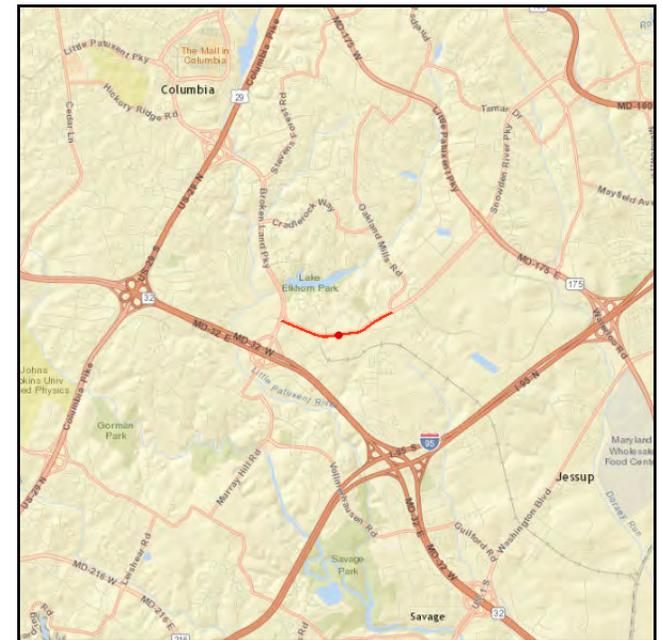
A project on Snowden River Parkway from Broken Land Parkway to Oakland Mills Road to design and construct a third lane and sidewalks.

Justification:

This project will develop the third lane on each side between these two intersections, will increase the capacity of the roadway and provide an improved level of service. Project requested by the Traffic Division.

Connection to Long-Range Transportation Planning Goals:

- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 3.E Improve Accessibility -- Provide or improve pedestrian and bicycle facilities that link to activity centers and public transit.
- 4.A Increase Mobility -- Provide techniques or alternatives as part of a Congestion Management Process (CMP).





Snowden River Parkway: Broken Land Parkway to Oakland Mills Road

(Funding in Thousands)

Other

Phase	FY 2016 Federal Funds	FY 2016 Matching Funds	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$8,500	\$0	\$0	\$0	\$0	\$0	\$0	\$8,500
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$850	\$0	\$0	\$0	\$0	\$0	\$0	\$850
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$9,350	\$0	\$0	\$0	\$0	\$0	\$0	\$9,350
Total	\$0	\$9,350	\$0	\$0	\$0	\$0	\$0	\$0	\$9,350

Bridge Repairs and Deck Replacement

TIP ID	16-0436-13	Year of Operation	Ongoing
Agency	Howard County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	Varies
CIP or CTP ID(s)		Est. Total Cost	\$2,875,000

Description:

This project is to repair/replace bridge decks at the following locations: River Road bridge over Rockburn Branch, Henryton Road bridge over a tributary to the Patapsco River, Pindell School Road bridge over Hammond Branch, Daisy Road bridges over Cattail Creek and Little Cattail Creek, Pfefferkorn Road bridge over Middle Patuxent River, Carroll Mill Road bridge over Benson Branch, retaining walls, and emergency structure reconstruction.

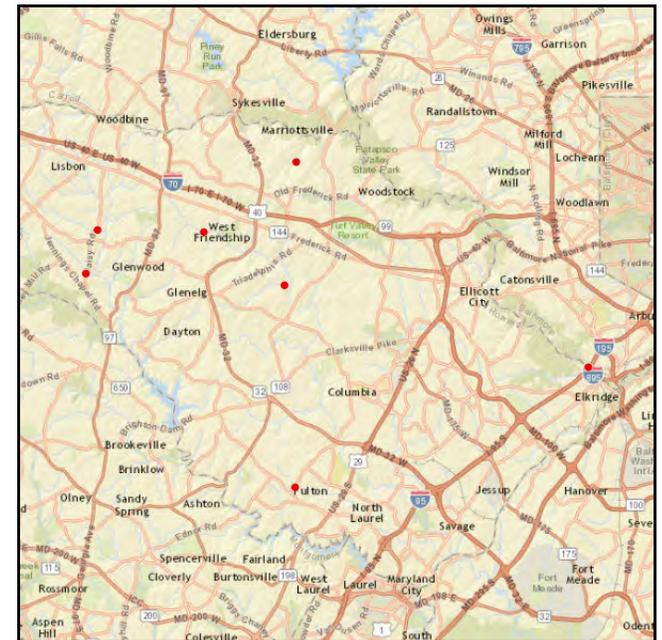
Justification:

This project will alleviate bridge deterioration and improve the safety and longevity of all bridges included in the bridge repair and rehabilitation program. The local match for many of these projects exceeds the 80/20 federal/local match ratio for the local share of funds.

* Could serve to improve conditions for bicycling and/or walking per approved local, regional and/or statewide bicycle and pedestrian planning documents.

Connection to Long-Range Transportation Planning Goals:

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





Bridge Repairs and Deck Replacement

(Funding in Thousands)

Surface Transportation Program (Surface Transportation, Bridge (Off-System))

Phase	FY 2016 Federal Funds	FY 2016 Matching Funds	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$125	\$0	\$335	\$0	\$1,110	\$0	\$210	\$1,780
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$275	\$0	\$105	\$0	\$405	\$0	\$80	\$865
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$110	\$0	\$10	\$0	\$110	\$230
Subtotal	\$0	\$400	\$0	\$550	\$0	\$1,525	\$0	\$400	\$2,875
Total	\$0	\$400	\$0	\$550	\$0	\$1,525	\$0	\$400	\$2,875