

Dorsey Run Road: MD 175 to CSX Railroad Spur

TIP ID	16-1403-41	Year of Operation	2021
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	\$12,200,000

Description:

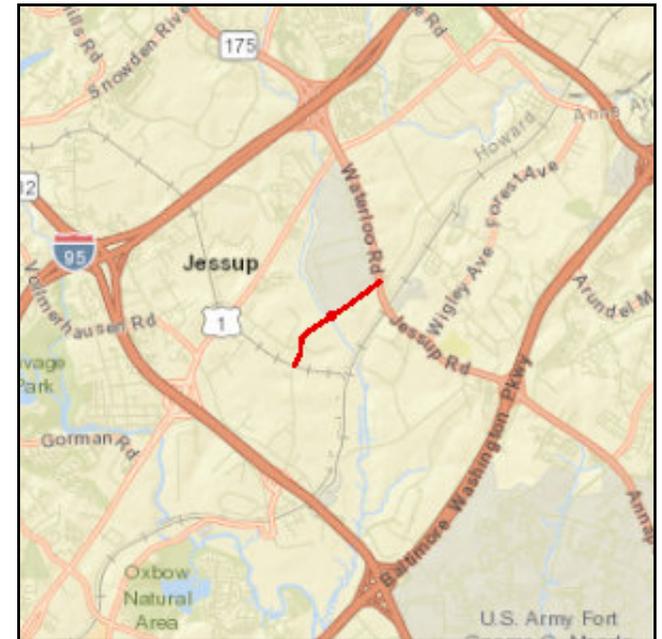
This project is to study, design, and reconstruct Dorsey Run Road to four lanes from MD 175 south to the CSX railroad spur crossing; a distance of 6,000 linear feet. The project will incorporate sidewalks, and potentially bike facilities, to increase transportation alternatives. Once the design is finalized, more information will be provided.

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. Increase Mobility
- 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 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
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	\$0	\$0	\$0	\$0
ROW	\$0	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$800
Subtotal	\$0	\$800	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,800
Total	\$0	\$800	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,800

Guilford Road: US 1 to Dorsey Run Road

TIP ID	16-1405-41	Year of Operation	2021
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	\$16,395,000

Description:

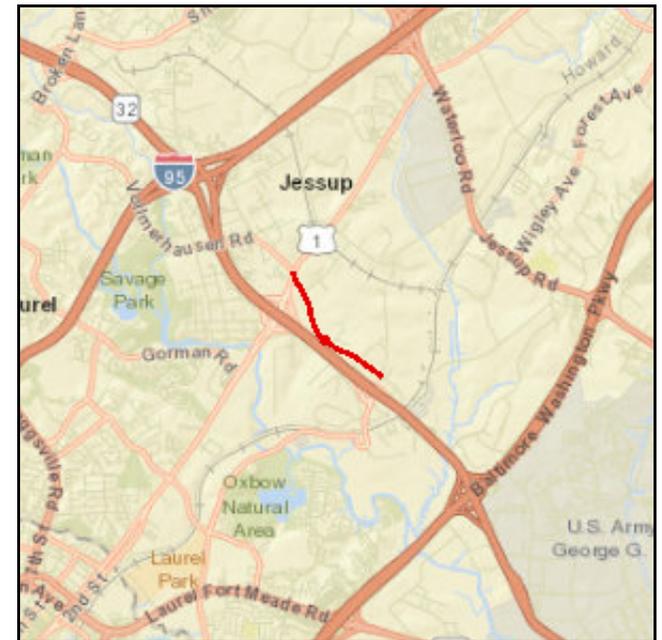
This project is to study, design, and reconstruct Guilford Road to three lanes from US 1 to Old Dorsey Run Road; a distance of 5,800 linear feet. The project will incorporate sidewalks and bike facilities to increase transportation alternatives. Once the design is finalized, more information will be provided.

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. Increase Mobility
- 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 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$14,520	\$0	\$0	\$0	\$0	\$14,520
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	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$14,520	\$0	\$0	\$0	\$0	\$14,520
Total	\$0	\$0	\$0	\$14,520	\$0	\$0	\$0	\$0	\$14,520

MD 175 at Oakland Mills Rd Interchange

TIP ID	16-1407-46	Year of Operation	2020
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	\$25,000,000

Description:

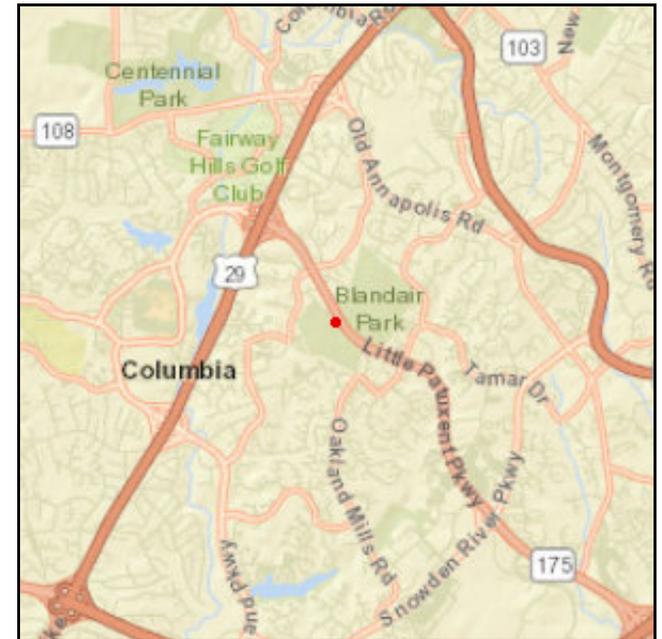
Grade-separated bridge with ramps at MD 175/Oakland Mills Road extended. Will provide access to and from Howard County Blandair Park. The project will incorporate sidewalks and bike facilities to increase transportation alternatives. Once the design is finalized, more information will be provided.

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





MD 175 at Oakland Mills Rd Interchange

(Funding in Thousands)

Other

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$9,500	\$0	\$0	\$0	\$0	\$0	\$0	\$9,500
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	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$9,500	\$0	\$0	\$0	\$0	\$0	\$0	\$9,500
Total	\$0	\$9,500	\$0	\$0	\$0	\$0	\$0	\$0	\$9,500

Snowden River Parkway: Broken Land Parkway to Oakland Mills Road

TIP ID	16-1410-41	Year of Operation	2023
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	\$12,275,000

Description:

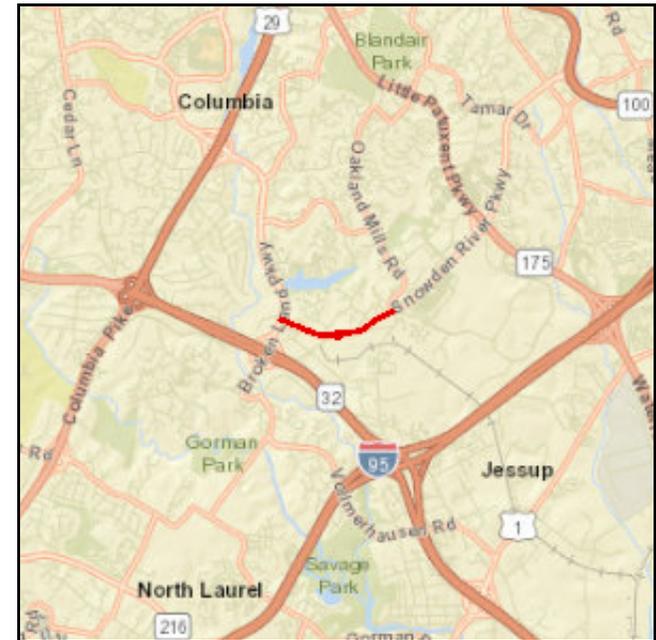
A project to design and construct a widening of Snowden River Parkway (intermediate arterial) by adding a third lane and shared-use path from Broken Land Parkway to Oakland Mills Road. The project will incorporate shared use pathways to increase transportation alternatives to activity centers and public transit.

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. Increase Mobility





Snowden River Parkway: Broken Land Parkway to Oakland Mills Road

(Funding in Thousands)

Other

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 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

US 29/Broken Land Parkway Interchange and North South Connector Road

TIP ID	16-1901-42	Year of Operation	2022
Agency	Howard County	Project Type	New or extended roadways
Project Category	Highway Capacity	Functional Class	Major Collector
Conformity Status	Not Exempt	Physical Data	3.1 miles of new lanes on ramps and new roadways
CIP or CTP ID(s)		Est. Total Cost	\$26,950,990

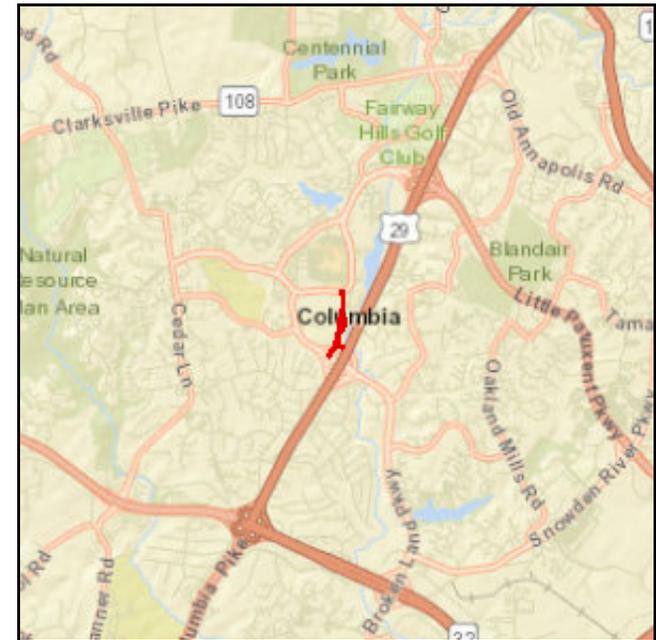
Description:

The project will provide new direct connections from the westbound US 29/Broken Land Parkway interchange ramp to a new road (Merriweather Drive) and to Little Patuxent Parkway. The project will also provide a direct connection from Merriweather Drive to Broken Land Parkway, including configuring the north and south bound US 29 ramps at Broken Land Parkway into a signalized intersection. The project will also remove an existing ramp from Broken Land Parkway to US 29 southbound.

The project will be funded locally through the recently approved tax increment financing (TIF) district.

Justification:

The new US 29/Broken Land Parkway north/south collector road connection to Little Patuxent Parkway is needed to increase vehicular and pedestrian mobility, address safety concerns, and provide adequate capacity to meet the future growth and development as outlined in Downtown Columbia. The project will address the future traffic demand along the Broken Land Parkway link from US 29 to downtown Columbia by providing an additional access and new central link to downtown Columbia for traffic from points southeast of Columbia and primarily for US 29 traffic to and from the south.



Connection to Long-Range Transportation Planning Goals:

- 2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).
- 6.F Improve System Security -- Increase system redundancy.
- 7.D Promote Prosperity and Economic Opportunity -- Invest within local- and state-designated growth areas.



US 29/Broken Land Parkway Interchange and North South Connector Road

(Funding in Thousands)

Other

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$18,000	\$0	\$7,200	\$0	\$0	\$25,200
OTH	\$0	\$0	\$0	\$250	\$0	\$100	\$0	\$0	\$350
PE	\$0	\$700	\$0	\$0	\$0	\$0	\$0	\$0	\$700
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$700	\$0	\$18,250	\$0	\$7,300	\$0	\$0	\$26,250
Total	\$0	\$700	\$0	\$18,250	\$0	\$7,300	\$0	\$0	\$26,250

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	\$1,100,000

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 (~2.5 foot shoulders), Pindell School Road bridge over Hammond Branch (~6 foot shoulders), Daisy Road bridge over Little Cattail Creek (~6 foot shoulders), Pfefferkorn Road bridge over Middle Patuxent River (shoulders TBD: in design), Carroll Mill Road bridge over Benson Branch (shoulders TBD: in design), and emergency structure reconstruction.

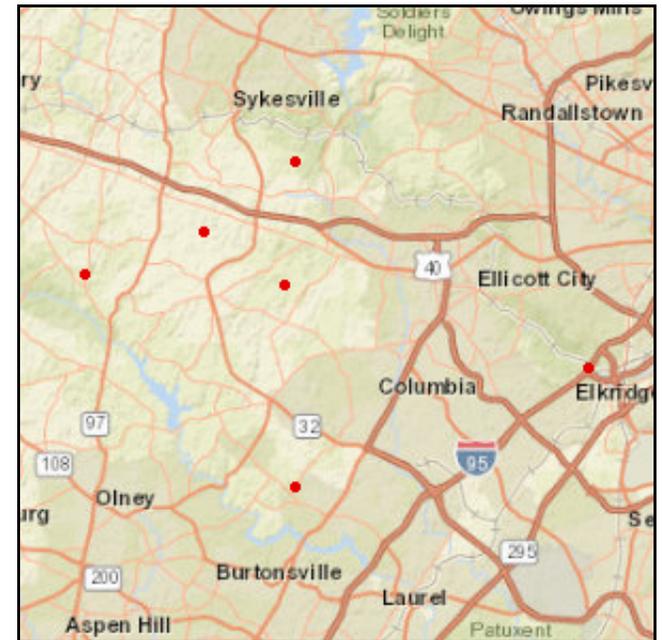
Justification:

This project will alleviate bridge deterioration and improve the safety and longevity of all bridges included in the bridge repair and rehabilitation program.

* 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 Block Grant Program

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$900	\$0	\$0	\$0	\$0	\$900
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$100	\$0	\$0	\$0	\$0	\$100
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$100
Subtotal	\$0	\$100	\$0	\$1,000	\$0	\$0	\$0	\$0	\$1,100
Total	\$0	\$100	\$0	\$1,000	\$0	\$0	\$0	\$0	\$1,100