



Isiah Leggett  
County Executive



Montgomery County Department of Transportation (MCDOT)  
Division of Transportation Engineering (DTE)

# DORSEY MILL ROAD BRIDGE

## PUBLIC MEETING

February 8, 2018

7:00 - 9:00 PM

William B. Gibbs, Jr. Elementary School — Cafeteria  
12615 Royal Crown Drive, Germantown, MD 20876

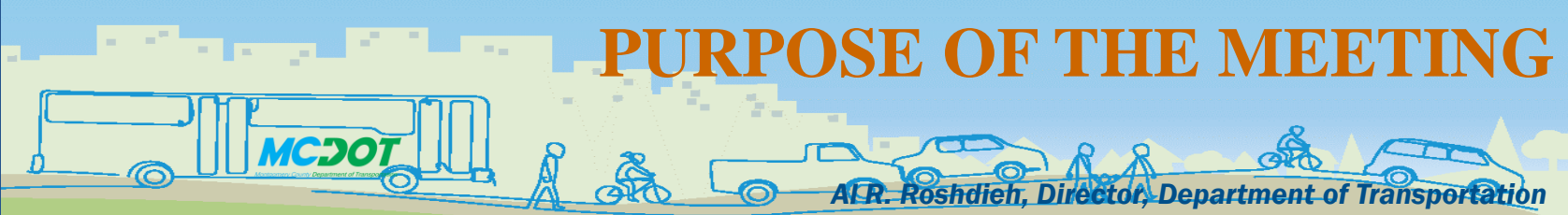
Project Webpage:

<http://www.montgomerycountymd.gov/dot-dte/projects/dorseymillrd/index.html>



Isiah Leggett  
County Executive

# PURPOSE OF THE MEETING



- ◆ **Introduce Project Team**
- ◆ **Present Project Purpose and Master Plan**
- ◆ **Present Project Location and Scope**
- ◆ **Present Proposed Roadway and Bridge**
- ◆ **Present Maintenance of Traffic during Construction**
- ◆ **Present Property Impact, and Estimated Project Costs and Schedule**
- ◆ **Obtain Community Input**



Isiah Leggett  
County Executive

# PROJECT TEAM



Al R. Roshdiah, Director, Department of Transportation

## ◆ **Montgomery County Department of Transportation**

- Barry Fuss *Bridge Unit Manager*
- Greg Hwang *Project Manager*
- Eric Willis *Property Acquisition Section Chief*
- Devang Dave *Traffic Engineer*
- Stella Igbinedion *Traffic Engineer*

## ◆ **Montgomery County Planning Department**

- David Anspacher *Functional Planning and Policy Division Supervisor*

## ◆ **Engineering Consultant: Dewberry**

- Peter Okafor *Project Manager*
- Arinze Chiejina *Project Engineer*
- Patricia O'Neill *Structural Engineer*

## ◆ **Review Consultant: RK&K**

- John Farley *Project Manager*
- Jake Wilson *Project Engineer*



Isiah Leggett  
County Executive

# PROJECT PURPOSE AND MASTER PLAN



Al R. Roshdieh, Director, Department of Transportation

## ◆ Project Purpose

- *Improve mobility and safety for local travel,*
- *Enhance pedestrian, bicycle and vehicular access,*
- *Provide connectivity to existing communities on both sides of I-270 in the vicinity of Germantown Town Center, and*
- *Accommodate the local Master Plan.*

## ◆ 2009 Germantown Employment Area Sector Plan

<http://montgomeryplanning.org/planning/communities/area-3/germantown/germantown-2009/>

- *4-lane Business District Road B-14*
- *150' Minimum Right-of-Way*
- *Shared Use Path SP-66.*
- *Corridor Cities Transitway (CCT) with a station between Milestone Center Drive and Observation Drive, <http://www.cctmaryland.com/>*





Isiah Leggett  
County Executive

# PROJECT LOCATION AND SCOPE



Al R. Roshdich, Director, Department of Transportation



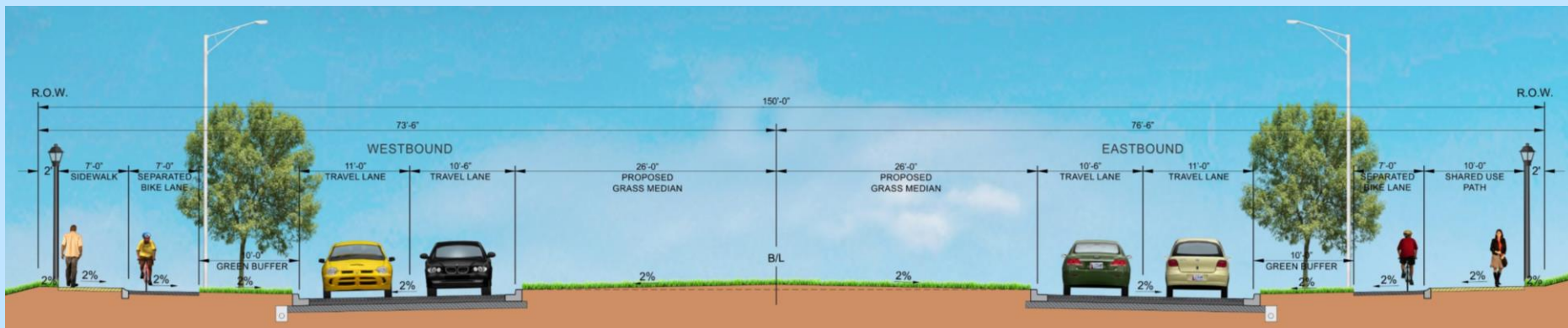
- ◆ Extension of Dorsey Mill Road from Century Boulevard to Milestone Center Drive ( $\pm 1,500'$ ) including a new 333' long dual bridge over I-270
- ◆ Reconstruction of Existing Dorsey Mill Road from Milestone Center Drive to Observation Drive ( $\pm 1,000'$ )





Isiah Leggett  
County Executive

# PROPOSED ROADWAY



## ROADWAY TYPICAL SECTION from Century Boulevard to Milestone Center Drive

- 150' right-of-way / 4-lane divided
- 11'-0" outside lane and 10'-6" inside lane in each direction
- 52'-0" green median to accommodate future Corridor Cities Transitway (CCT)
- A 7'-0" one-way asphalt separated bike lane in each direction with a 10'-0" planted green buffer
- A 7'-0" concrete sidewalk on north side
- A 10'-0" concrete shared use path on south side
- Cobra-head street lighting and Colonial style sidewalk lighting



Isiah Leggett  
County Executive

# PROPOSED ROADWAY



Al R. Roshdich, Director, Department of Transportation



Looking east from Century Boulevard to Bridge over I-270





Isiah Leggett  
County Executive

# PROPOSED ROADWAY



Al R. Roshdich, Director, Department of Transportation



Looking west from Milestone Center Drive to Bridge over I-270



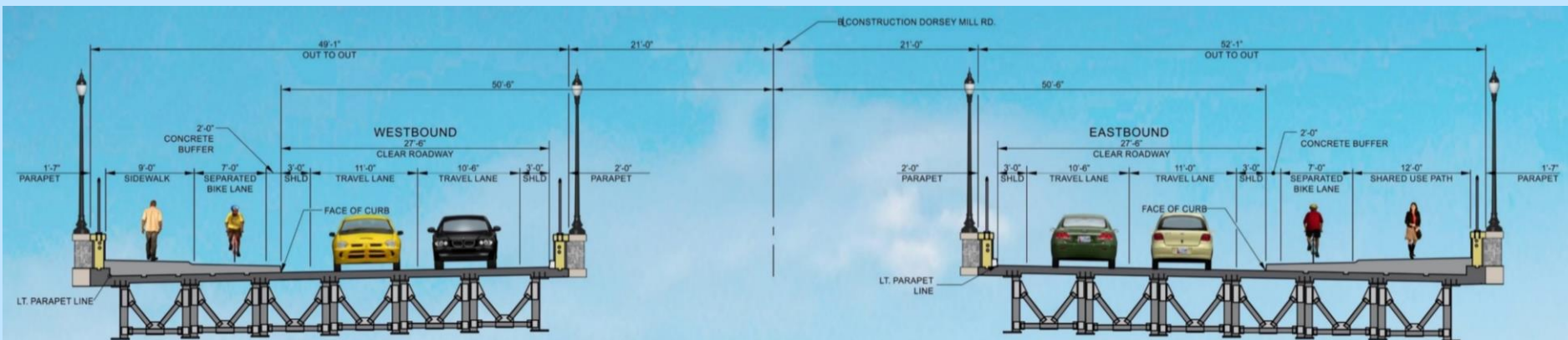


Isiah Leggett  
County Executive

# PROPOSED BRIDGE



Al R. Roshdich, Director, Department of Transportation



## BRIDGE TYPICAL SECTION

- A dual bridge with a 42'-0" opening to accommodate the future CCT Bridge
- Steel girders with concrete decks
- Concrete parapets with light grey stone formliner finish on both sides
- 11'-0" outside lane and 10'-6" inside lane in each direction
- A 3'-0" shoulder on both sides of the bridge in each direction
- A 7'-0" one-way separated bike lane in each direction with a 2'-0" concrete buffer
- A 9'-0" sidewalk (including 2'-0" shy distance from the parapet) on north side of the westbound bridge.
- A 12'-0" shared use path (including 2'-0" shy distance from the parapet) on south side of the eastbound bridge
- Washington Globe street lighting



Isiah Leggett  
County Executive

# PROPOSED BRIDGE



Al R. Roshdieh, Director, Department of Transportation



Looking north from I-270 south of the bridge





Isiah Leggett  
County Executive

# PROPOSED BRIDGE



Al R. Roshdieh, Director, Department of Transportation



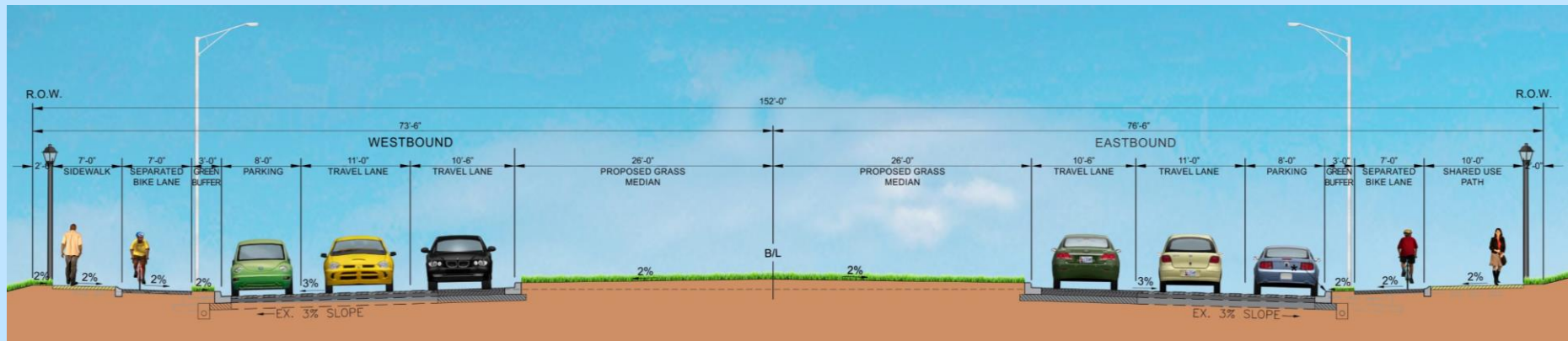
Looking east from the west approach of the bridge





Isiah Leggett  
County Executive

# PROPOSED ROADWAY



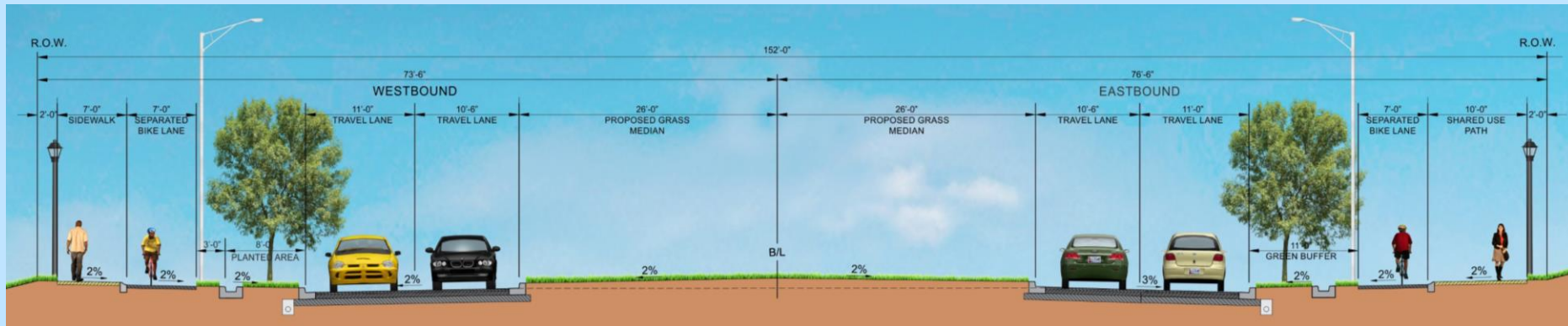
## Roadway from Milestone Center Drive to Observation Drive (with Parking Lane)

- 152' right-of-way / 4-lane divided
- 11'-0" outside lane and 10'-6" inside lane in each direction
- 52'-0" green median to accommodate future CCT Station
- **A 8'-0" parking lane in each direction**
- A 7'-0" one-way asphalt separated bike lane in each direction with a 3'-0" green buffer
- A 7'-0" concrete sidewalk on north side
- A 10'-0" concrete shared use path on south side
- Cobra-head street lighting and Colonial style sidewalk lighting



Isiah Leggett  
County Executive

# PROPOSED ROADWAY



## Roadway from Milestone Center Drive to Observation Drive (with Planted Area)

- 152' right-of-way / 4-lane divided
- 11'-0" outside lane and 10'-6" inside lane in each direction
- 52'-0" green median to accommodate future Corridor Cities Transitway (CCT) Station
- A 20'-0" long 8'-0" wide planted area (including 1'-0" trench drain) at intervals of 40'-0" long parking lane (2 parking spaces) in each direction
- A 7'-0" one-way asphalt separated bike lane in each direction with a 3'-0" green buffer
- A 7'-0" concrete sidewalk on north side
- A 10'-0" concrete shared use path on south side
- Cobra-head street lighting and Colonial style sidewalk lighting



Isiah Leggett  
County Executive

# PROPOSED ROADWAY



Al R. Roshdich, Director, Department of Transportation



Eastbound Roadway looking east from Found Stone Rd. to Observation Dr.





Isiah Leggett  
County Executive

# PROPOSED ROADWAY



Al R. Roshdich, Director, Department of Transportation



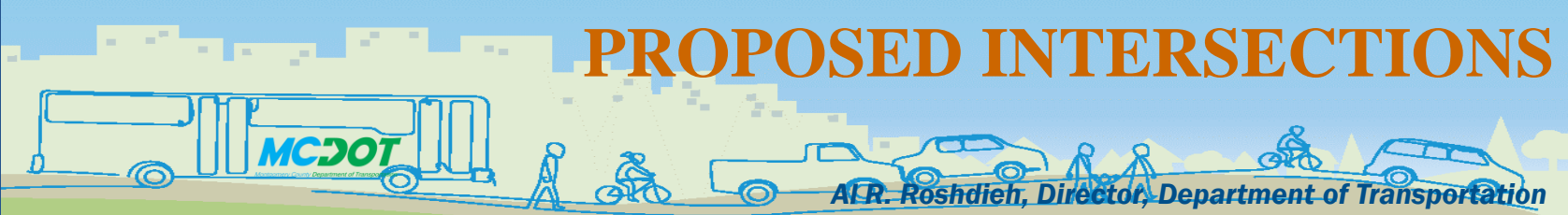
Westbound Roadway looking west from Observation Dr. to Found Stone Rd.





Isiah Leggett  
County Executive

# PROPOSED INTERSECTIONS



**Century Boulevard**



**Milestone Center Drive**



**Waters Hollow Road  
Found Stone Road**



**Observation Drive**

- Stop Signs
- 10'-0" Wide White Ladder Bar Crosswalks
- 7'-0" Wide Green Ladder Bar Bicycle Crossings
- Protected Intersections



Isiah Leggett  
County Executive

# PROTECTED INTERSECTION



Al R. Roshdich, Director, Department of Transportation



- ◆ Protected Bicycle and Pedestrian Access at Intersection Corners
- ◆ Minimized Curb Radius for Small Vehicles
- ◆ Mountable Concrete Truck Apron with Stamped Brick Red Finish





Isiah Leggett  
County Executive

# MAINTENANCE OF TRAFFIC DURING CONSTRUCTION



Al R. Roshdiah, Director, Department of Transportation

## ◆ Vehicular Traffic

- At least one lane for each direction of the existing Dorsey Mill Road will be maintained throughout construction.

## ◆ Pedestrian Traffic

- Pedestrian access on both sides of the existing Dorsey Mill Road will be maintained throughout construction. A temporary sidewalk will be provided as needed.

## ◆ Bicycle Traffic

- Use roadway or sidewalk.

## ◆ Vehicle Parking

- Vehicle parking along the existing Dorsey Mill Road will not be allowed during construction.



Isiah Leggett  
County Executive

# LAND / COSTS / SCHEDULE



## ◆ Additional Right-of-Way (ROW) and Easement

Property Type	Additional ROW	Perpetual Easement	Temporary Easement
Commercial	7,934 S.F.	203 S.F.	31,635 S.F.
Residential	3,061 S.F.	-----	1,831 S.F.

## ◆ Estimated Project Costs

- Design *\$1.60M*
- Land *\$0.25M (Not Funded)*
- Construction Management *\$2.65M (Not Funded)*
- Construction *\$25.5M (Not Funded)*

## ◆ Estimated Project Schedule

- Design Completion *Summer 2018*
- Right-of-Way Acquisition *To Be Determined*
- Construction *To Be Determined*





Isiah Leggett  
County Executive

# COMMUNITY INPUT



Al R. Roshdich, Director, Department of Transportation

## ◆ Public Comment Submission

- You may forward comments to MCDOT thru **March 8, 2018** by:
  1. Tonight's Feedback
  2. By Postage Paid Public Comments Form
  3. By Mail or Email to MCDOT Project Manager

## ◆ MCDOT Project Manager Contact Information

- Project Manager: Greg Hwang
- Mailing Address: Montgomery County Department of Transportation  
Division of Transportation Engineering  
100 Edison Park Drive, 4th Floor  
Gaithersburg, Maryland 20878
- Email: [Greg.Hwang@montgomerycountymd.gov](mailto:Greg.Hwang@montgomerycountymd.gov)
- Phone: 240-777-7279
- Fax: 240-777-7277