



Bethesda/Chevy Chase

CAT Meeting #6

April 14, 2020

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MEETING OVERVIEW



- **Purple Line Project Update**
- **Construction Progress Overview**
 - Work Completed
 - Progress Photos
 - 6-Month Look Ahead
- **Maintenance of Traffic & Pedestrian Safety**
- **Construction Work Hours**
- **How to Submit a Question**

PROJECT UPDATE



- Construction is approximately 28% complete
- MDOT MTA's goal is to open the Purple Line in two phases
 - Phase 1 by December 2022: 6 operational stations from New Carrollton Metro – College Park Metro
 - Phase 2 by mid-2023: remaining 15 stations will open
- The State considers commercial and residential construction companies as essential to still operate during Maryland's State of Emergency. As the Purple Line falls into this category, work will continue to move forward with additional safety measures in place to keep our staff and the public safe.

LIGHT RAIL VEHICLE (LRV)

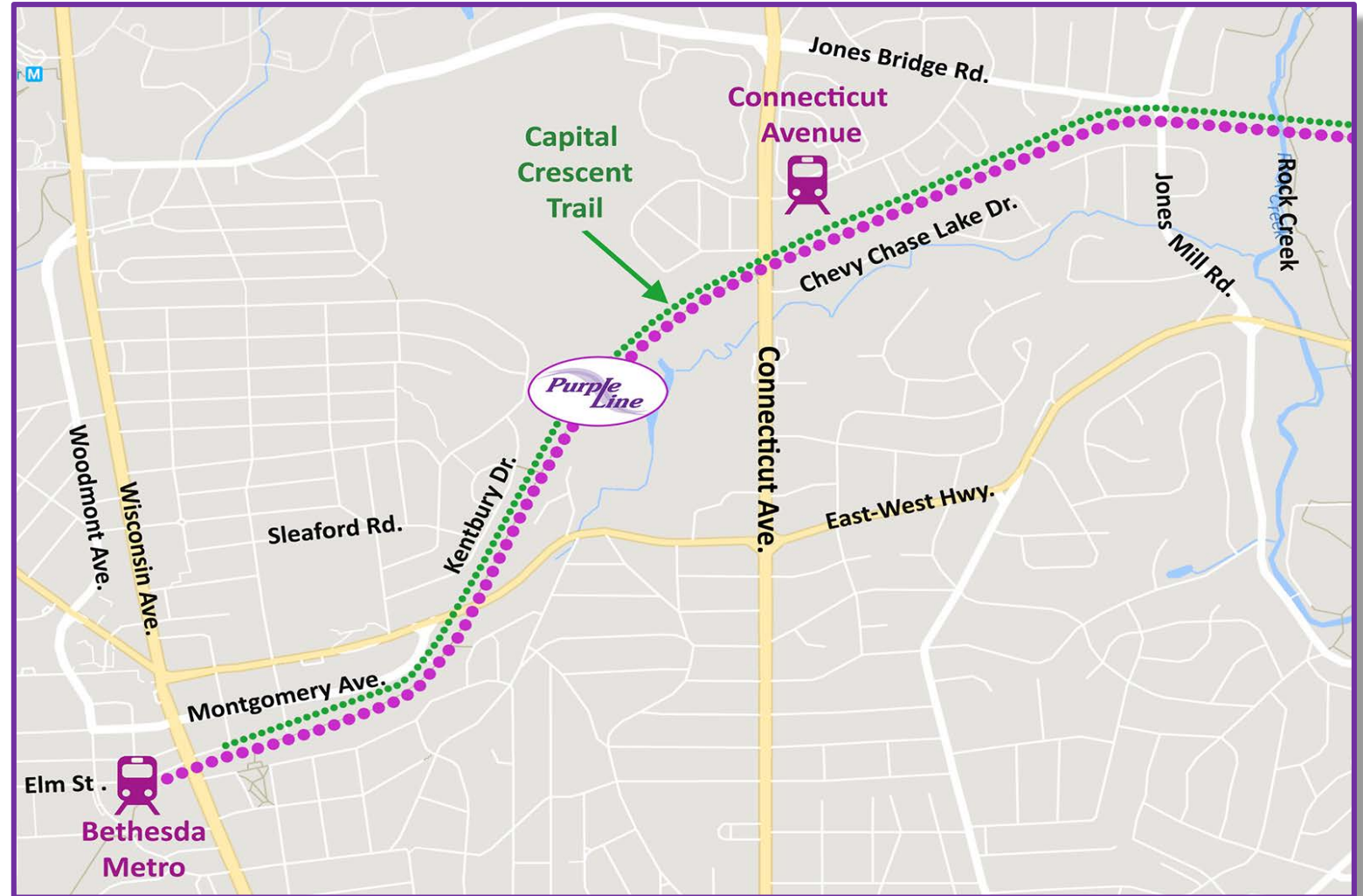
- The first complete LRV is 60% through testing in Elmira, NY and will head to the Glenridge Operations and Maintenance Facility in Prince George's County for local testing in late 2020.



BETHESDA/CHEVY CHASE CAT SEGMENT

Stations in this segment:

- Bethesda Metro
- Connecticut Avenue



BETHESDA METRO STATION RENDERING



- Bethesda Station is considered a terminus stop on the Purple Line.
- Purple Line riders can walk into the station from Woodmont Ave. or take an elevator or escalator from Wisconsin Ave. down to the Purple Line platform.
- To continue to the Metro, riders will be able to go down to the future Metro Mezzanine via elevators to access the Bethesda Station.
- During construction of the future mezzanine riders can access metro by walking along Wisconsin and/or Woodmont avenues.



CONNECTICUT AVENUE STATION RENDERING

- Connecticut Ave Station is a side loaded platform with track crosswalks to access both inbound and outbound tracks.
- Purple Line tracks will run adjacent to the CCT over Connecticut Avenue.
- Access to the Purple Line Station will be permissible during revenue hours from the CCT.



WORK CONDUCTED OVER THE PAST 6 MONTHS



- **Bethesda Shaft**

- Placing of the concrete lining for the shaft has been ongoing and is scheduled to be complete in Spring of 2020

- **Pearl Street**

- Continued installation of storm drain system, which is approximately 95% complete
- Continued demolition and reconstruction of the retaining wall at the Hilton Garden Inn
- Began foundation work and retaining walls for the Capital Crescent Trail (CCT) bridge

- **Montgomery Avenue/Georgetown Branch Trail**

- Continued construction of retaining walls - 17 of 60 completed to date
- Continued storm drainage installation
- Continued relocation of the underground communication services

PROGRESS PICTURE

- Utility relocations and retaining wall construction continue along the alignment near East-West Highway



WORK CONDUCTED OVER THE PAST 6 MONTHS (continued)



- **Sleaford Road**

- Completed sanitary sewer relocation
- Completed storm drain box culvert installation
- Began foundation work for noise walls

- **Connecticut Avenue**

- Continued overhead utility relocations
- Continued construction of the future LRV and CCT bridges over Connecticut Ave.
 - Completed pile driving for the abutment on the east side of Connecticut Ave.
 - Constructed walls for both abutments
- Began construction of the retaining walls for the Connecticut Ave. station

PROGRESS PICTURES

- Construction of the abutments for the Connecticut Avenue overpass is underway.



WORK CONDUCTED OVER THE PAST 6 MONTHS (continued)



- **Chevy Chase Lake Drive Bridge**

- Completed the installation of the stone columns
- Completed the pile driving for the bridge abutments
- Construction of walls for the bridge abutments 85% complete
- Completed construction of abutments

WORK CONDUCTED OVER THE PAST 6 MONTHS (continued)

- **Jones Mill Road**

- Completed underground communication line relocations
- Phase 1 of underpass construction (east side of Jones Mill Rd.):
 - Completed mass excavation
 - Completed installation of retaining walls
 - Began foundation work
 - Began installation of storm drain

PROGRESS PICTURE

- Excavation for the Jones Mill Road underpass has reached full depth at 35 feet.



WORK CONDUCTED OVER THE PAST 6 MONTHS (continued)



- **Rock Creek Park**

- Continued mass excavation
- Completed installation of a temporary bridge across Rock Creek for Purple Line crews to access the west slope
- Construction of abutments for the future LRV and CCT bridges over Rock Creek includes:
 - Completed pile driving abutment construction on the east side of rock Creek
 - Continued retaining wall construction
- Continued storm drain installation

PROGRESS PICTURE

- The Rock Creek Trail remains open while crews continue construction of the abutments. Intermittent closures may be required to facilitate the safest work zone.



6-MONTH LOOK AHEAD



- **Bethesda Shaft**

- Blasting is planned to resume in May or June of 2020, to facilitate excavation of the cavern that will connect the Purple Line to the WMATA Red Line
 - Notice will be provided in advance of blasting activities
 - Close coordination will continue between WMATA and the Purple Line during blasting

- **Bethesda Enclosed Trainway (BET)**

- Installation of shoring underneath Wisconsin Avenue will begin in Summer 2020
- Continue preparation for construction of the concrete track slab.

6-MONTH LOOK AHEAD *(continued)*



- **Pearl Street**
 - Begin Georgetown Branch Trail pedestrian bridge construction
 - Continue construction of retaining walls
 - Continue storm drainage installation
- **Montgomery Avenue/Georgetown Branch Trail**
 - Continue construction of retaining walls
 - Continue storm drainage installation

6-MONTH LOOK AHEAD *(continued)*

- **Sleaford Road**
 - Continue ground improvements
 - Continue construction of retaining walls
- **Connecticut Avenue**
 - Girder installation over Connecticut Ave. to occur Summer 2020
 - Advanced notification will take place prior to any temporary closures
 - Begin building bridge deck
 - Start station construction
- **Chevy Chase Lake Drive Bridge**
 - Set bridge girders Spring 2020

- **Jones Mill Road**

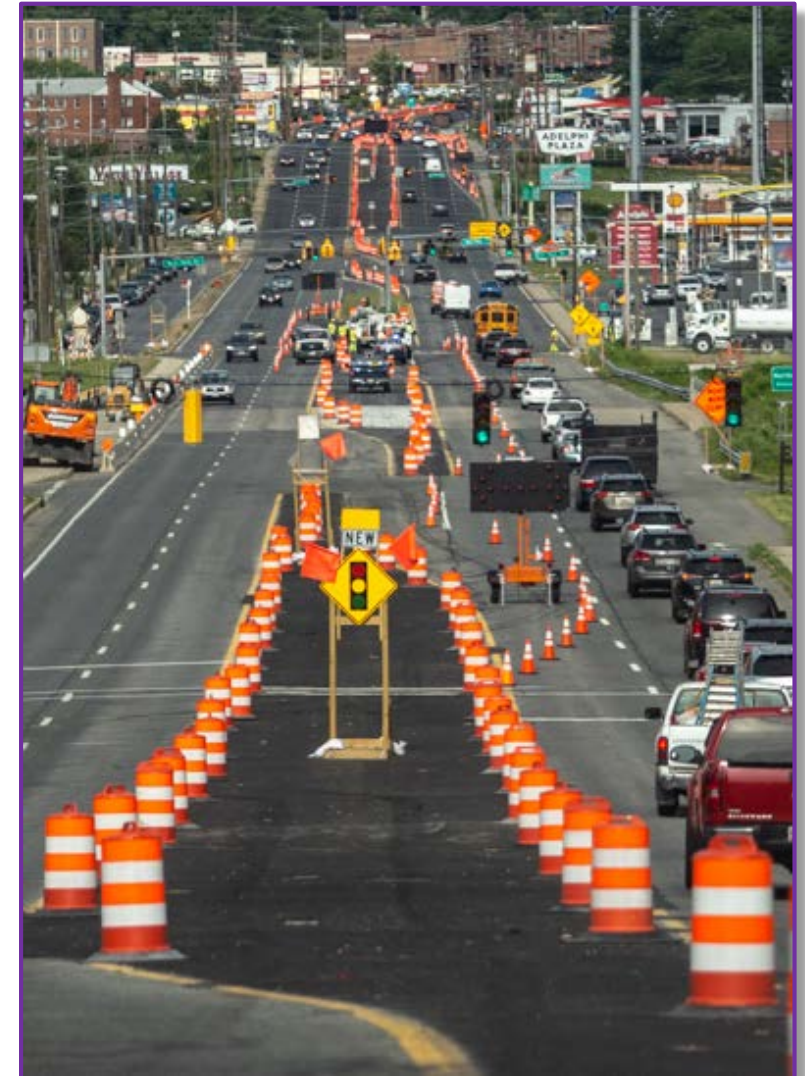
- Complete Phase 1 construction
- Traffic switch for Phase 2 construction in mid to late Summer 2020
 - Advanced notification will take place prior to the traffic switch

- **Rock Creek Park**

- Set Rock Creek LRT bridge girders Spring 2020
 - Advanced notification will take place prior to any trail closures that may be required
- Continue construction of retaining walls
- Continue installation of drainage systems
- Completed soil nail walls for erosion control
- Construct CCT abutments
- Complete Rock Creek restoration

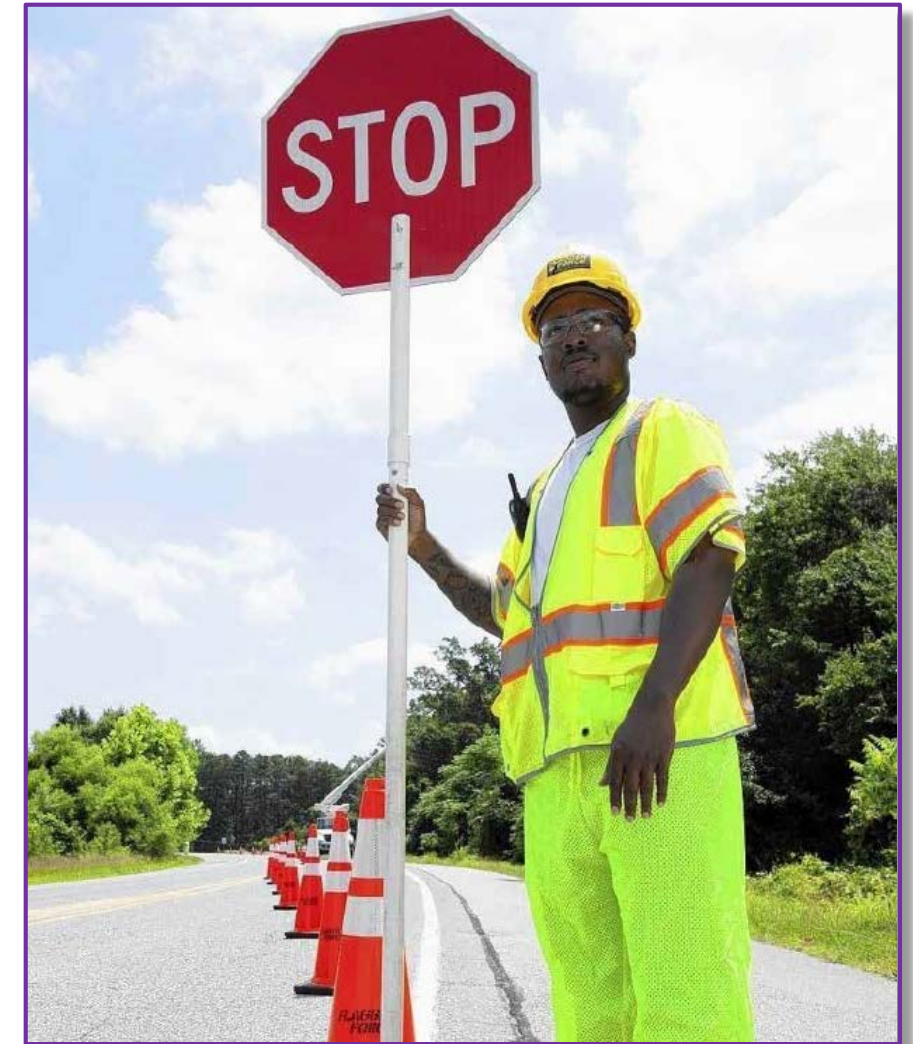
MAINTENANCE OF TRAFFIC – WHAT TO EXPECT

- Existing traffic patterns will change as work occurs, as needed
- Work may occur on both sides of the road and across roadways
- When a lane closure is required, a notice will be distributed via text and email (sign-up required through purplelinemd.com)
- Orange cones and barrels (temporary barricades) will be in place
- Flag-person, when required, will direct traffic
- Underground utility work may require temporary road plates



PEDESTRIAN SAFETY

- Work zones will be clearly marked and the public should not enter
- Pedestrian detours will be clearly signed
- When closures occur, alternate access will be provided
- Pedestrian crossings will be maintained
- ***Pedestrians should obey construction signage and keep out of work zones***



CONSTRUCTION WORK HOURS

- Typical day shift: 7 a.m. – 5 p.m.
- Typical night shift: 7 p.m. – 4:30 a.m.
- Bethesda Shaft work hours:
 - Day shift: 6:00 a.m. – 3:00 p.m.
 - Night shift: 3:00 p.m. – 12:00 a.m.
- PLTC is able to work 24/7 with the appropriate notifications and noise waivers in place (*if exceeding maximum dB levels*)
- The public will be notified through subscriber emails, texts and web notifications and posted on purplelinemd.com for:
 - Utility shutdowns
 - Road/driveway closures
 - Blasting
 - Pile driving
 - Night work
 - Weekend work
 - Major lane closures

STAY UP-TO-DATE ON CONSTRUCTION PROGRESS



- Sign up for construction notices at purplelinemd.com
- For construction-related questions and concerns, contact PLTC
 - Email: outreach@pltcllc.com
 - 24/7 hotline at 240-424-5325
- For general project questions and comments, contact MDOT MTA public outreach
 - Email: outreach@purplelinemd.com
 - Call: 443-451-3706 or 443-451-3705 (Para Español)



QUESTIONS?

*Purple
Line*

THANK YOU FOR WATCHING!

Please email your questions to outreach@purplelinemd.com by **4/21/2020** to be included in the Q&R that will be posted online.