



# Long Branch

CAT Meeting #5

October 22, 2019



## **Gary Witherspoon**

MDOT MTA Public Outreach & Communications,  
Deputy Project Director

## **Carla Julian**

PLTC Sr. Manager Public Affairs/Community Outreach

## **Jean-Marc Wehrli**

PLTC Area 2 Construction Manager



# MEETING OVERVIEW

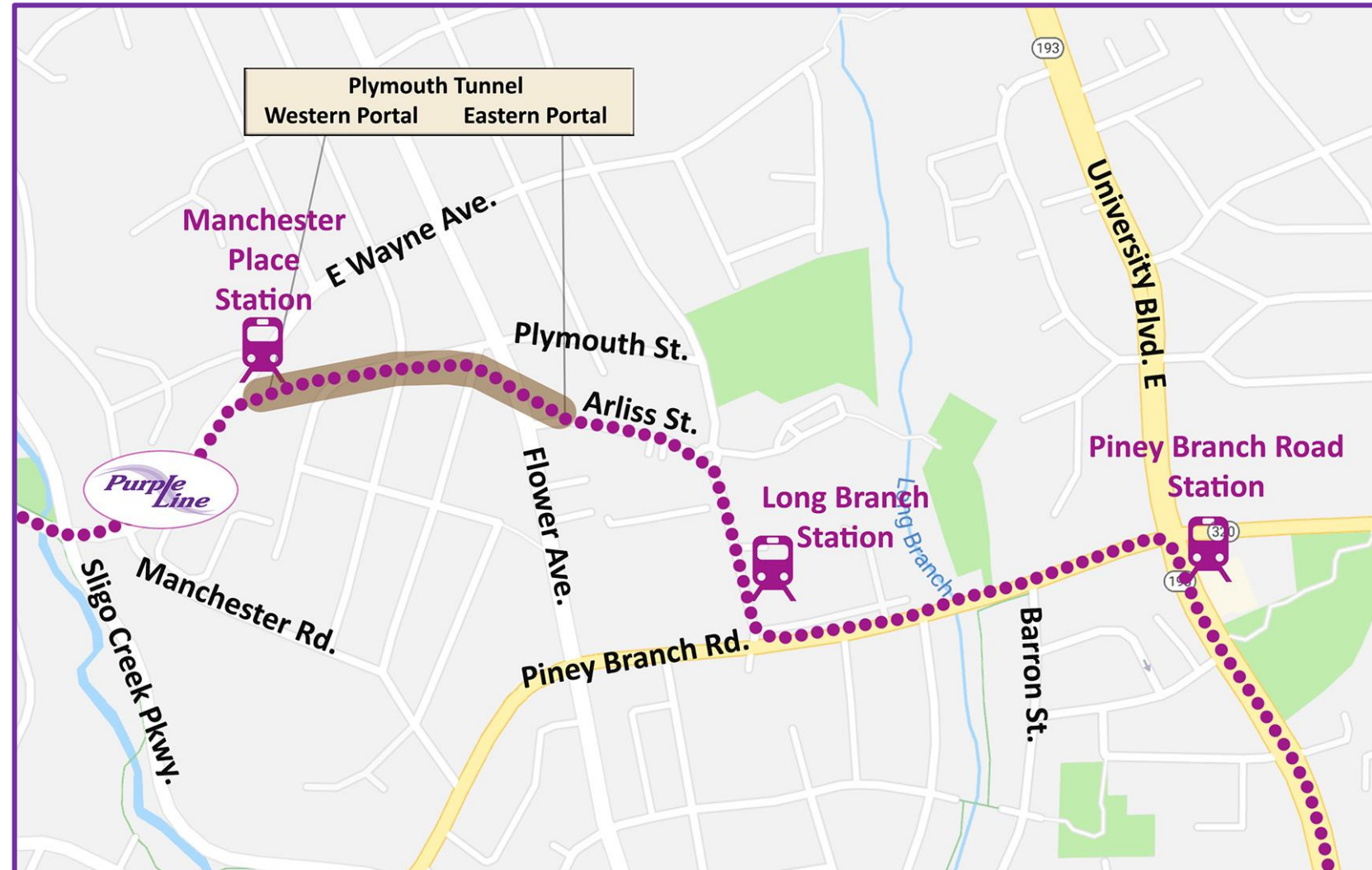
- **Purple Line Project Update**
  - Project-wide highlights
- **Construction Progress Overview**
  - Work Completed
  - Progress Photos
  - 6-Month Look Ahead
- **Maintenance of Traffic & Pedestrian Safety**
- **Construction Work Hours**
- **Business Outreach**
- **Questions & Answers**



# LONG BRANCH CAT SEGMENT

Stations in this segment:

- Manchester Place
- Long Branch
- Piney Branch Road





## PURPLE LINE PROJECT UPDATE

- Construction is underway throughout the 16.2-mile corridor with approximately 12 of 16 miles having active construction work
  - Construction: 20% complete
- Approximately 850 craft men and women are now working on the project





# BETHESDA PROGRESS

The Bethesda shaft will connect the Bethesda Metro Purple Line station to WMATA's Red Line Metro station. The shaft has been excavated to a depth greater than 100 feet.







# LYTTONSVILLE PROGRESS

June 4, 2019 the Talbot Ave. Bridge was deconstructed to make way for a stronger and wider bridge with sidewalks. The Purple Line will pass under the new Talbot Ave. Bridge next to the CSX tracks.







# SILVER SPRING PROGRESS

Foundations are under construction along 16<sup>th</sup> St. that will carry the Purple Line over the WMATA Red Line and MARC tracks to the Silver Spring Metro station at the Silver Spring Transit Center.







# LONG BRANCH PROGRESS

The 1,000 foot Plymouth Tunnel excavation was completed in March of 2019. Since then, waterproofing and final concrete for the tunnel lining has been ongoing.







# UNIVERSITY BOULEVARD PROGRESS

Work on University Blvd. continues to progress with the removal of medians and utility relocations to make way for the Purple Line tracks that will be in the center of the road alongside vehicular traffic.







# COLLEGE PARK PROGRESS

Work has begun on the Purple Line College Park Metro - UMD station on River Rd. Pictured is site work and the removal of the asphalt bus loop.







# RIVERDALE PARK-KENILWORTH STATION PROGRESS

Riverdale Rd. bridge piers have been constructed that will support the Riverdale Park-Kenilworth aerial station.







# GLENRIDGE PROGRESS

Steel framing of the Glenridge Operations and Maintenance Facility (OMF) was completed in July of 2019. This facility will maintain and clean the Light Rail Vehicles (LRVs) as well as house the Purple Line administration and operational staff.







# NEW CARROLLTON PROGRESS

The first section of rail for the Purple Line was installed on Ellin Rd. in September of 2019. This is embedded track where the Purple Line will run on Ellin Rd. with vehicular traffic.

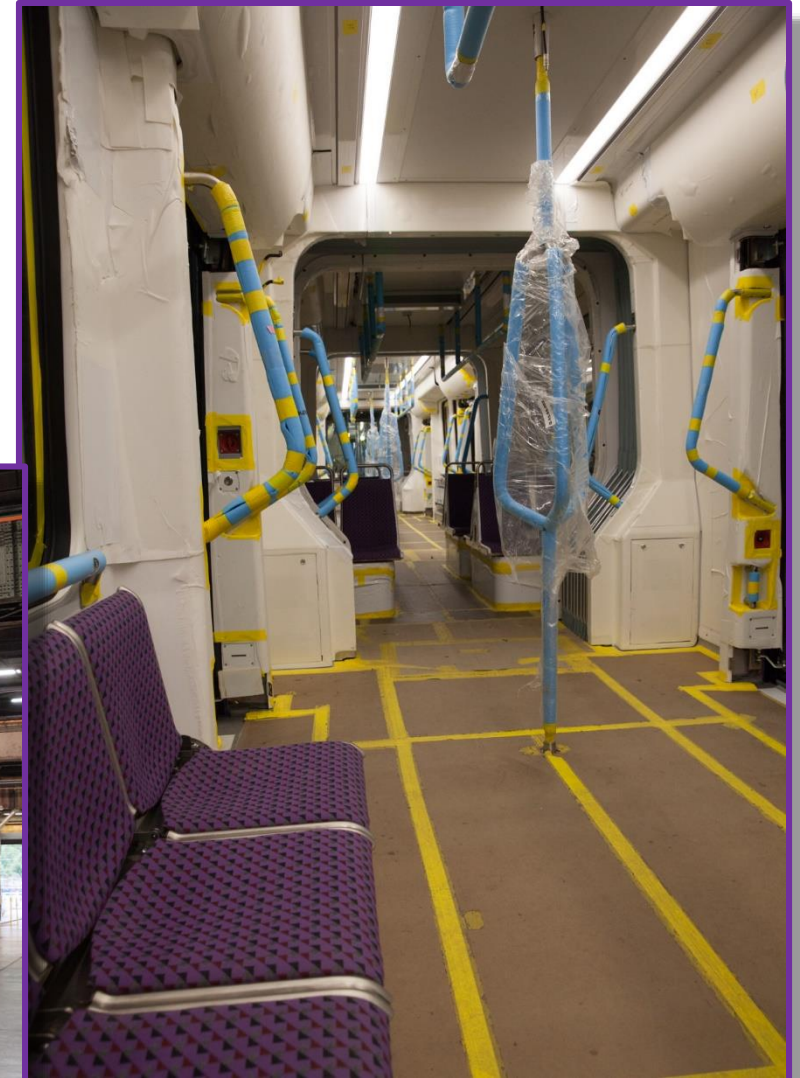






# LIGHT RAIL VEHICLE (LRV) PROGRESS

- The LRVs are being assembled in Elmira, NY
- The first complete LRV is in testing in Elmira
- More than 20 modules are assembled (there are 5 modules per train)
- The longest LRV in North America





## WORK CONDUCTED OVER THE PAST 6 MONTHS

- **Wayne Avenue**
  - Tree clearing and survey work continued
  - Relocated overhead and underground utilities
- **Western Portal/Manchester Place Station** (East Wayne Avenue)
  - Installed waterproofing and permanent concrete slab and walls inside the cut-and-cover station as part of Phase 1





## WORK CONDUCTED OVER THE PAST 6 MONTHS (CONTINUED)

- **Plymouth Tunnel** (East Wayne Avenue to Arliss Street)
  - Installed concrete base slab for the floor of the tunnel
  - Installed waterproofing liner
  - Began installation of the tunnel final liner
- **Eastern Portal**
  - First section of excavation to bring the tunnel approach to grade at Arliss St. is about 90% complete
  - Remainder of excavation will be completed in late 2020



## WORK CONDUCTED OVER THE PAST 6 MONTHS (CONTINUED)

- **Arliss Street**
  - Relocated overhead electric and communication utilities
- **Piney Branch Road**
  - Utility relocations continued
  - Installation of erosion and sediment controls in preparation for the culvert construction





# TUNNEL PROGRESS – WESTERN PORTAL

Wall construction for the Manchester Place station continues outside the Western Portal of the Plymouth Tunnel.







## TUNNEL PROGRESS – PLYMOUTH TUNNEL

The waterproofing lining inside the Plymouth Tunnel with the steel framework for concrete in place.







## TUNNEL PROGRESS – EASTERN PORTAL

Construction continues outside the Eastern Portal on the (open-cut) approach to street level along Arliss Street.





## 6-MONTH LOOK AHEAD

- **Wayne Avenue**
  - Installation of storm drain
  - Installation and relocation of overhead and underground utilities continues
  - Begin installation of cast-in-place retaining walls along Wayne Ave. in front of the Wayne Manchester Towers Apartments
- **Western Portal/Manchester Place Station (East Wayne Avenue)**
  - Completion of concrete work for Phase 1 of the Manchester Place station
    - Phase 1 work required before the relocation of the Kenwood House parking lot
    - Phase 2 to occur following the relocation of the temporary parking lot for Kenwood House
  - Reinstatement of Kenwood House parking lot – summer 2020





## 6-MONTH LOOK AHEAD (CONTINUED)

- **Plymouth Tunnel** (East Wayne Avenue to Arliss Street)
  - Completion of waterproofing and final lining of the tunnel in preparation for the maintenance walkway
- **Eastern Portal**
  - Begin installation of permanent concrete base slab and walls inside open-cut section for the approach to street level toward Arliss St.



## 6-MONTH LOOK AHEAD (CONTINUED)

- **Piney Branch Road**
  - Overhead and underground utility relocations along Piney Branch Rd. between University Blvd. and Arliss St. to continue
  - Sewer and storm drain relocations and stream diversion to prepare for culvert construction





# MAINTENANCE OF TRAFFIC – WHAT TO EXPECT

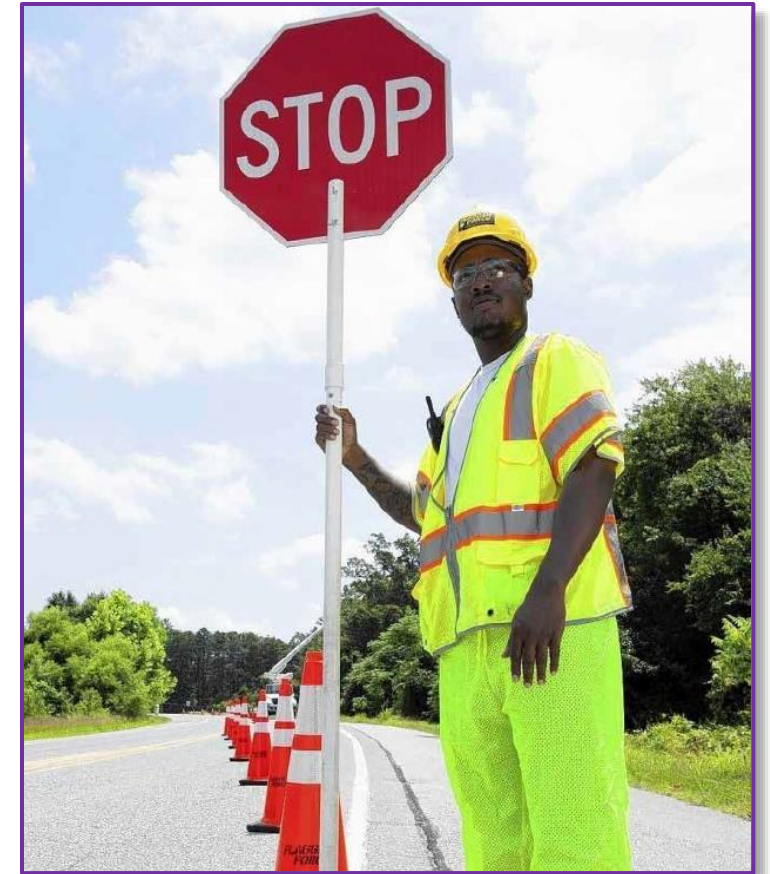
- Existing traffic patterns will change as work occurs, as needed
- Work may occur on both sides of the road and across roadways
- When a lane closure is required, a notice will be distributed via text and email (sign-up required through [purplelinemd.com](http://purplelinemd.com))
- Orange cones and 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 them
- 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

- Plymouth Tunnel
  - Day Shift: 6 a.m. – 2:30 p.m.
  - Swing Shift: 2:30 p.m. – 11:00 p.m.
- Typical day shift: 7 a.m. – 5 p.m.
- Typical night shift: 7 p.m. – 4:30 a.m.
- Make-up / maintenance day will be Saturdays, as required
- The public will be notified through notifications on [purplelinemd.com](http://purplelinemd.com) for:
  - Utility shutdowns
  - Road/driveway closures
  - Pile driving
  - Night work
  - Weekend work
  - Major lane closures



## BUSINESS AND COMMUNITY OUTREACH

Major sponsor for the Long Branch Festival - PLTC crews erected scaffolding to create Friendship Lane, and staff supported art installations for the weeklong event.







# STAY UP TO DATE ON PURPLE LINE PROGRESS

**Sign up for construction notices at [purplelinemd.com](https://purplelinemd.com)**

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