

# DULLES CORRIDOR METRORAIL PROJECT QUARTERLY UPDATE

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*Dulles Transit Partners, LLC*

**SEPTEMBER 2012**



**Dulles Transit  
Partners, LLC**

*A team led by Bechtel*

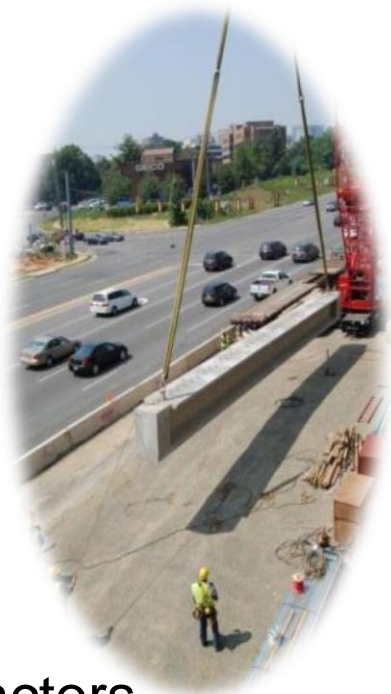
# Environmental, Safety & Health Performance

## 1. Since Design-Build start (March 2009)

- No Environmental Enforcement Actions
- Lost Time Rate: 0.11 compared to industry rate of 2.1
- Recordable Incident Rate: 1.57 compared to industry rate of 4.0 (10.5 million man-hours)

## 2. Current Program Focus:

- Performance of subcontractors and new electrical craft
- Rail construction and controlled access
- Work site congestion and greater numbers of subcontractors
- People Based Safety (craft on craft observations for improving safe behaviors)
- Accountability and recognition to sustain changed behaviors



## Design-Build Schedule

1. DTP continues to implement the Mitigation Plan to offset the previous forecasted schedule impacts due to Remote Monitoring and Emergency Trip Station changes, Tysons 123 pavilion changes and DVP connection delays
2. All wayside facilities bungalows have been delivered and systems installations are progressing
3. Safe breaking distance Train testing has started at the K-Line (Orange Line) tie-in
4. The Project is 86 percent complete through July 2012



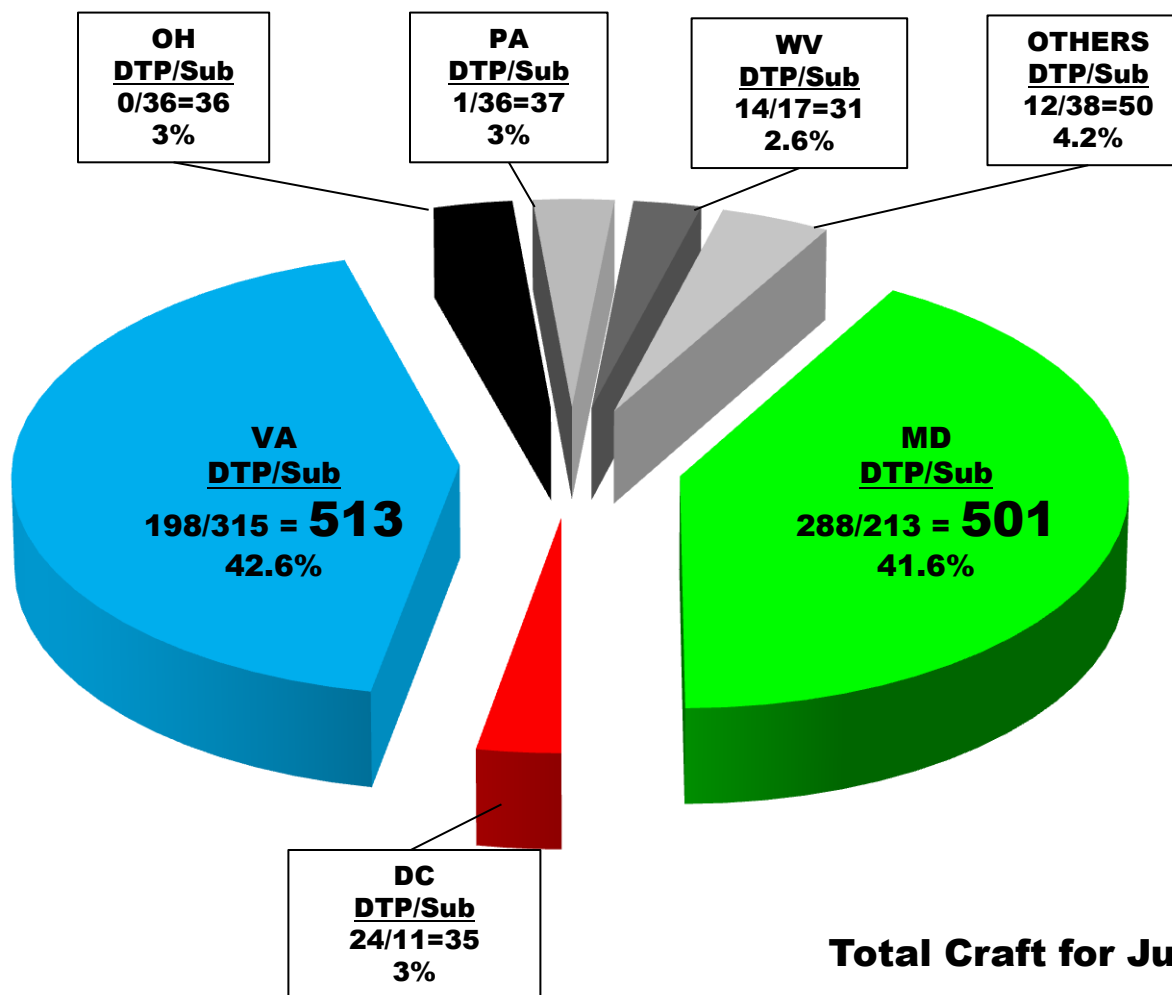
## Project Staffing

DTP Professional Staff	256
Manual Craft – (July 2012)	1,203

*Project emphasis continues to be systems. Approximately 300 electricians from around the region are being brought on board to complete the train systems installation.*

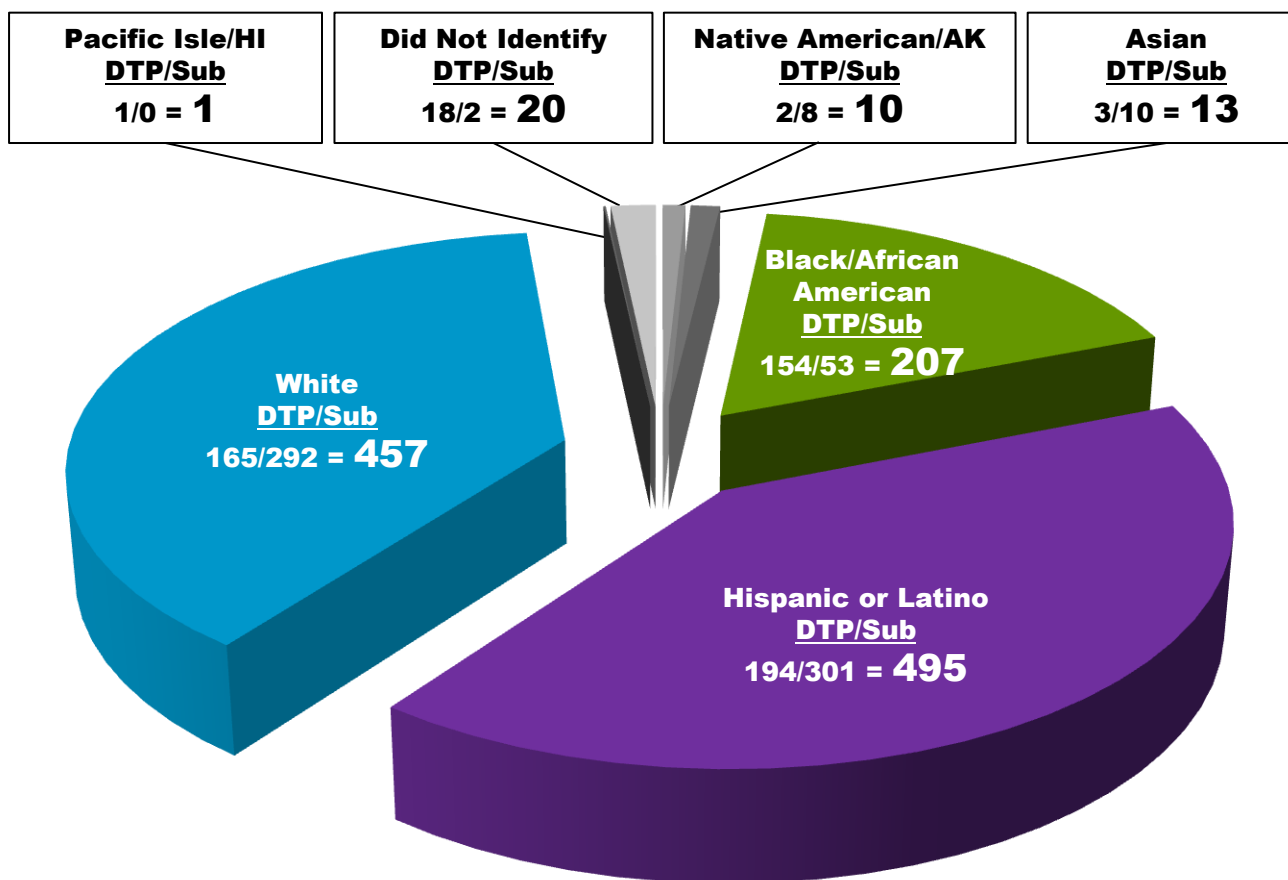


## DTP Direct and Subcontractor Craft by State during July 2012





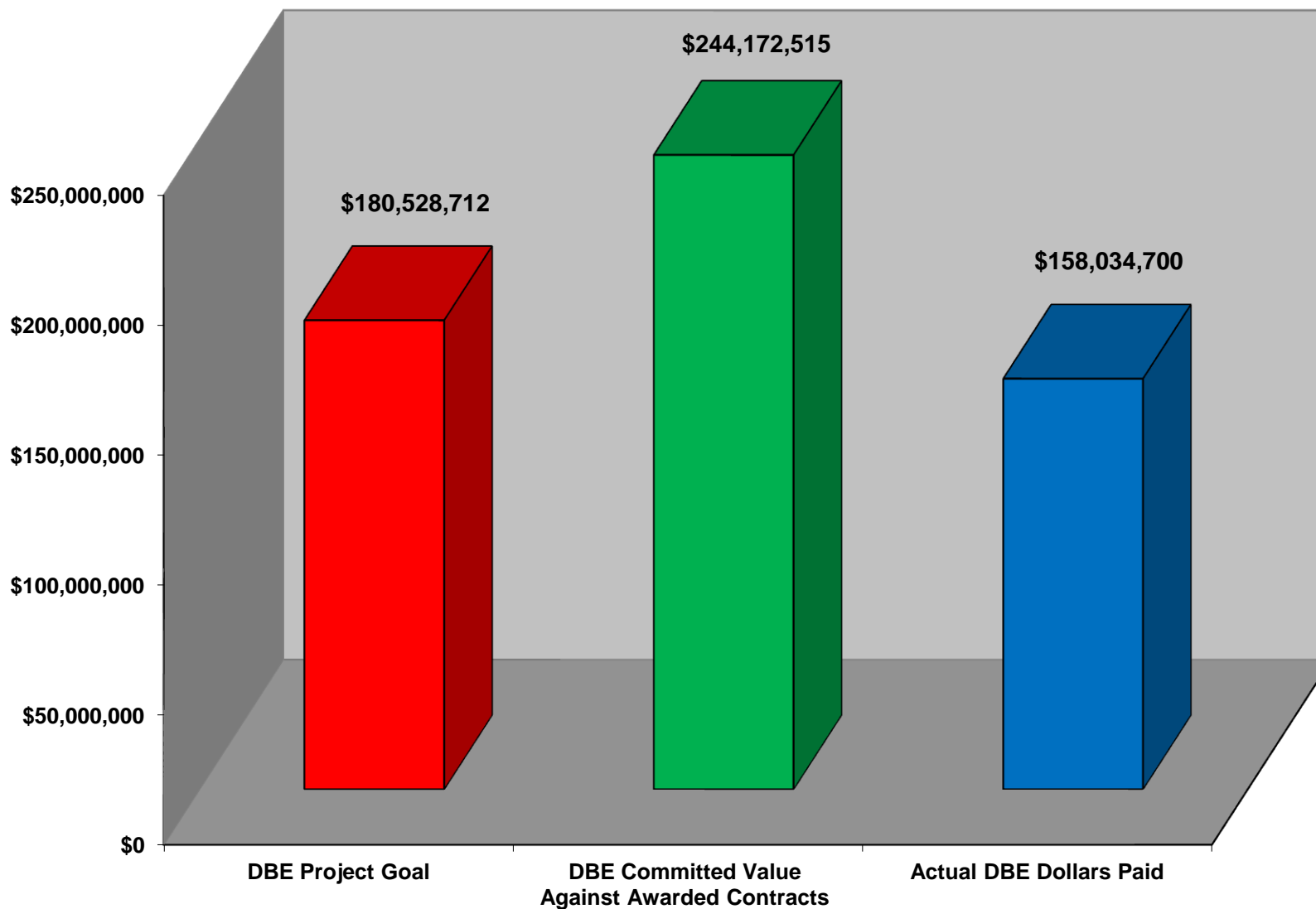
## DTP Direct and Subcontract Craft by Race/Ethnicity during July 2012



**Total Craft for July 2012 = 1,203**



## DTP DBE Goal Status as of July 31, 2012





# Construction Milestones

## Dates\*

### 1. Aerial

- Complete Tysons East Guideway Segmental Erection 03/23/12 A
- Complete Tysons West Guideway Segmental Erection 07/17/12 A

### 2. Stations

- Complete concrete structure at Tysons East 04/19/12 A
- Complete concrete structure at Tysons West 06/29/12 A
- Complete concrete structure at Tysons 123 09/21/12 F
- Complete concrete structure at Tysons Central 7 07/27/12 A
- Installation of Tysons East Pedestrian Bridge 09/24/12 F

### 3. Systems and Start Up

- All Wayside Bungalows (TPSS and ATC) Delivered 07/03/12 A
- Track ready for clearance car to Wiehle 11/08/12 F

\*A = Actual

F = Forecast



# 01 Guideway





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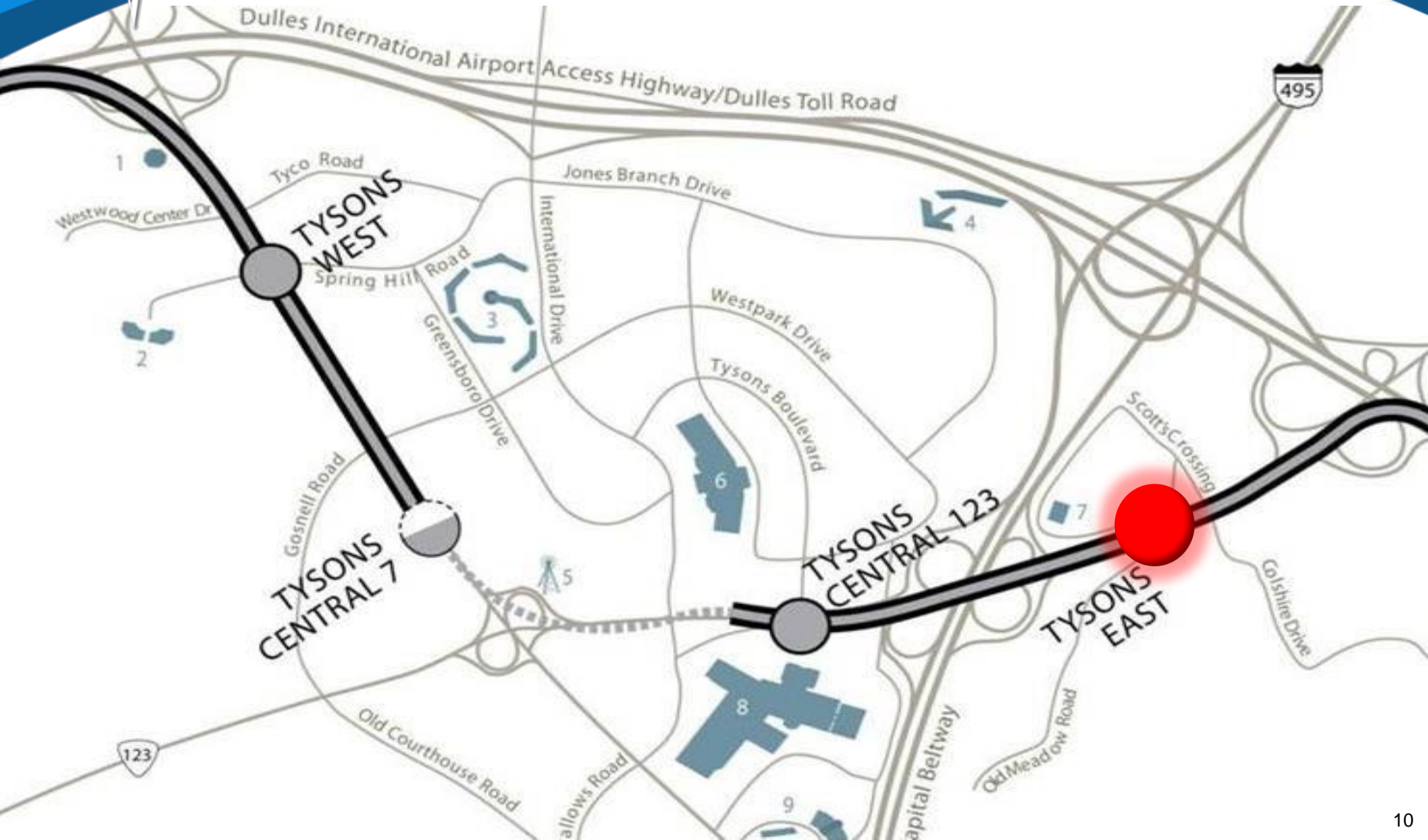


## O1 Guideway





## Tysons East Guideways/Stations





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Tysons East Station





METROPOLITAN WASHINGTON AIRPORTS AUTHORITY



Tysons East Station





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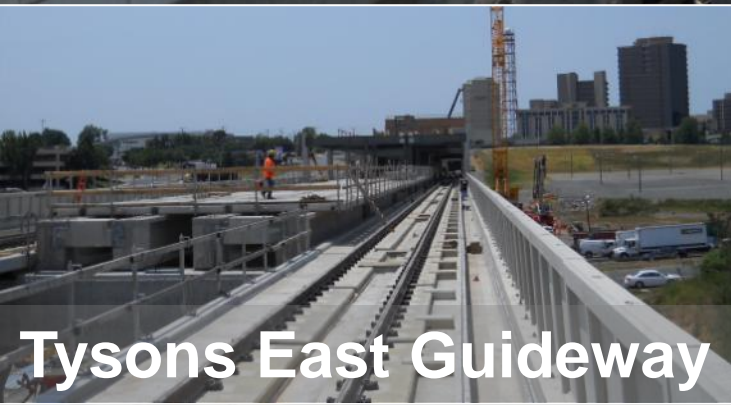


Tysons East Pedestrian Bridges





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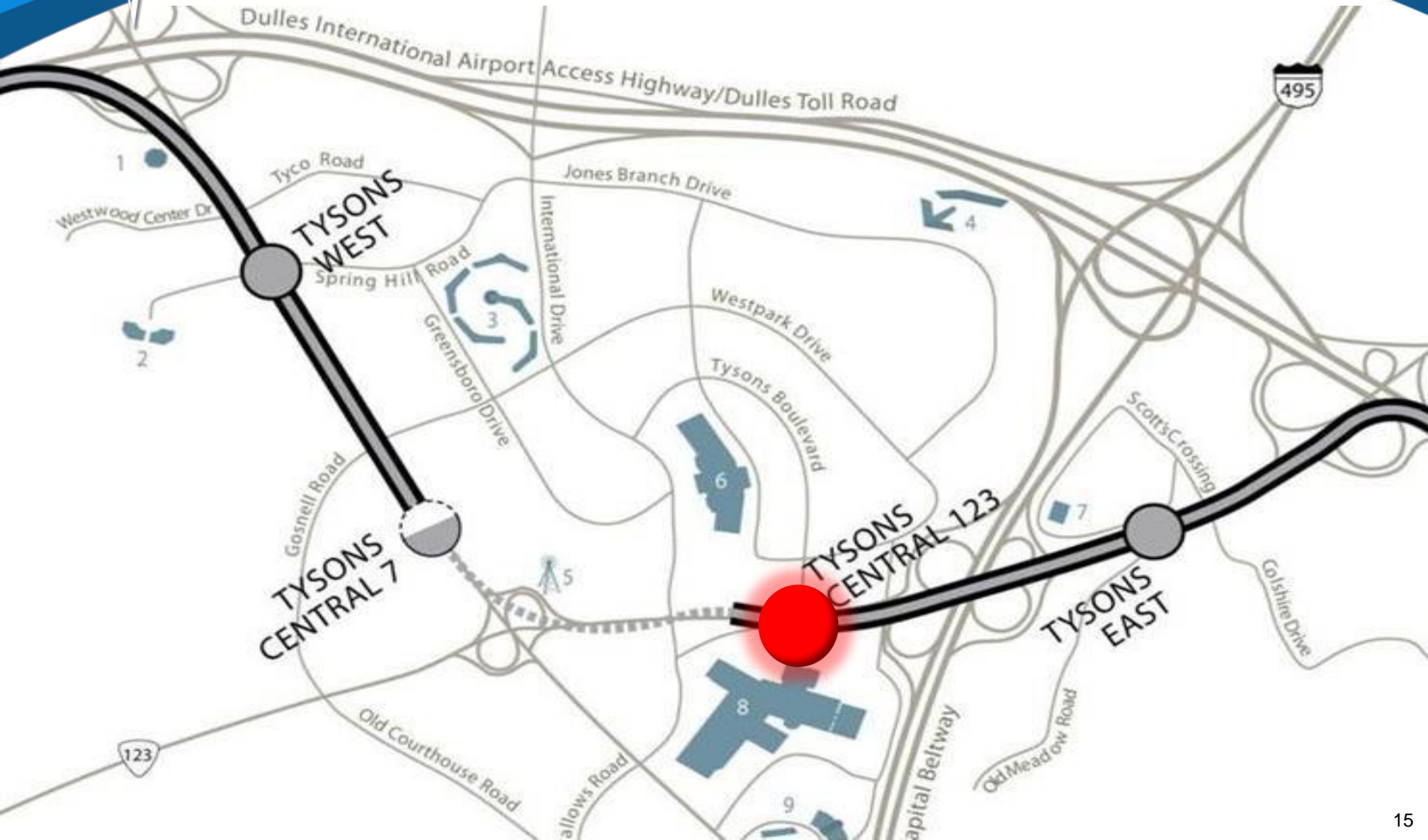


Tysons East Guideway





## Tysons Central 123 Station





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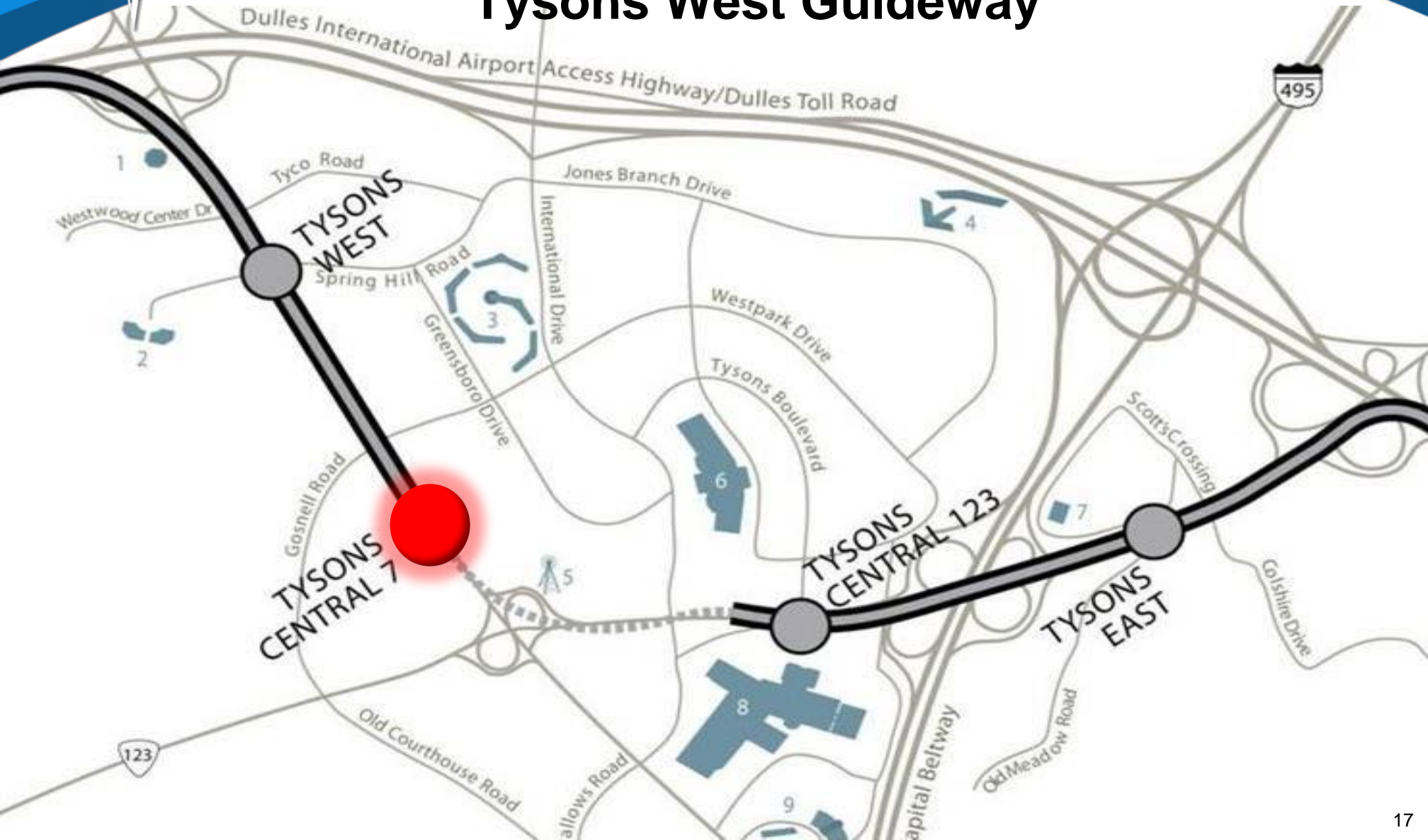


Tysons Central 123 Station





## Tysons Central 7 Station/ Tysons West Guideway





Tysons Central 7 Station





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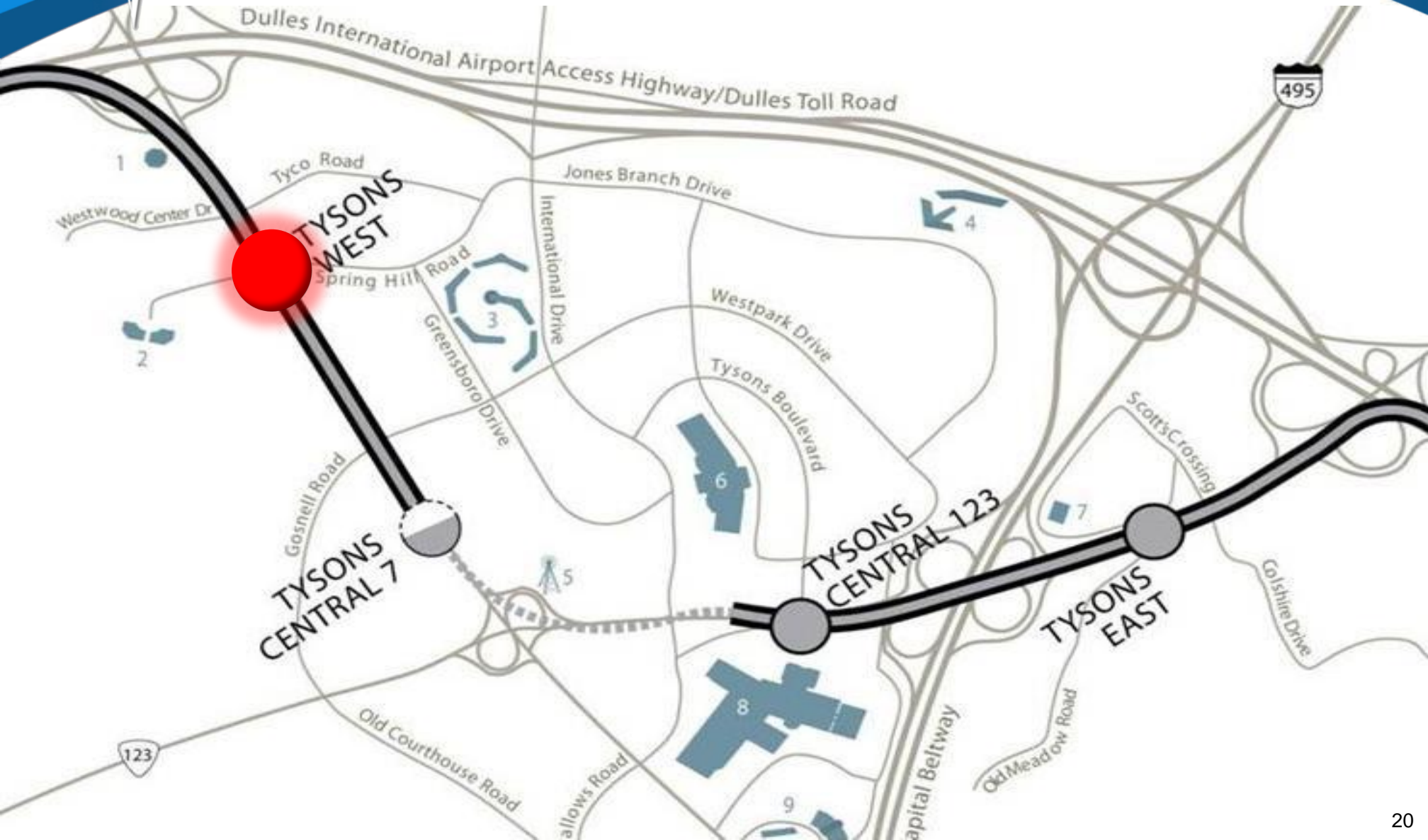


Tysons West Guideway





# Tysons West Station





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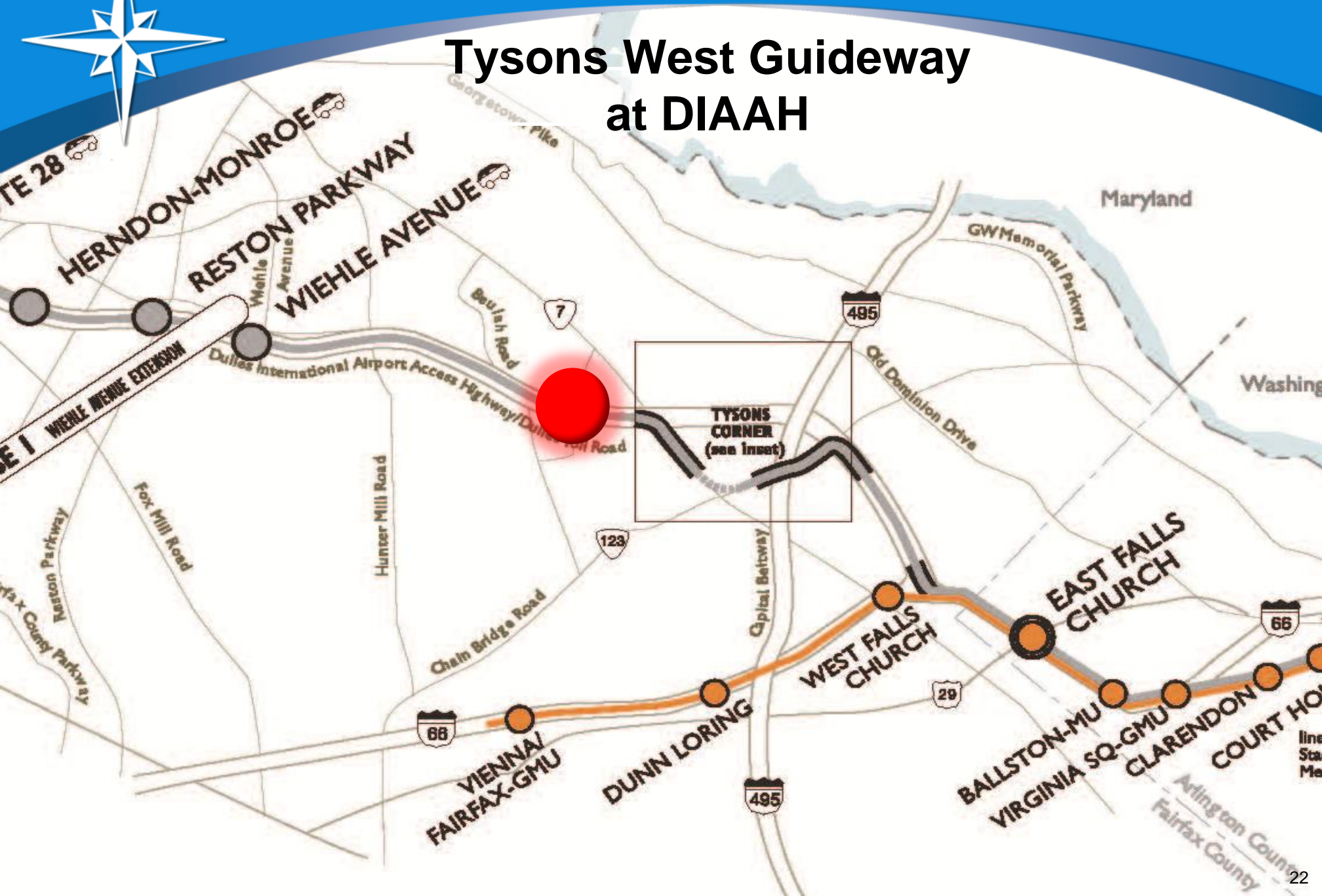


Tysons West Station





## Tyson's West Guideway at DIAAH







Final Span Placement -Tysons West



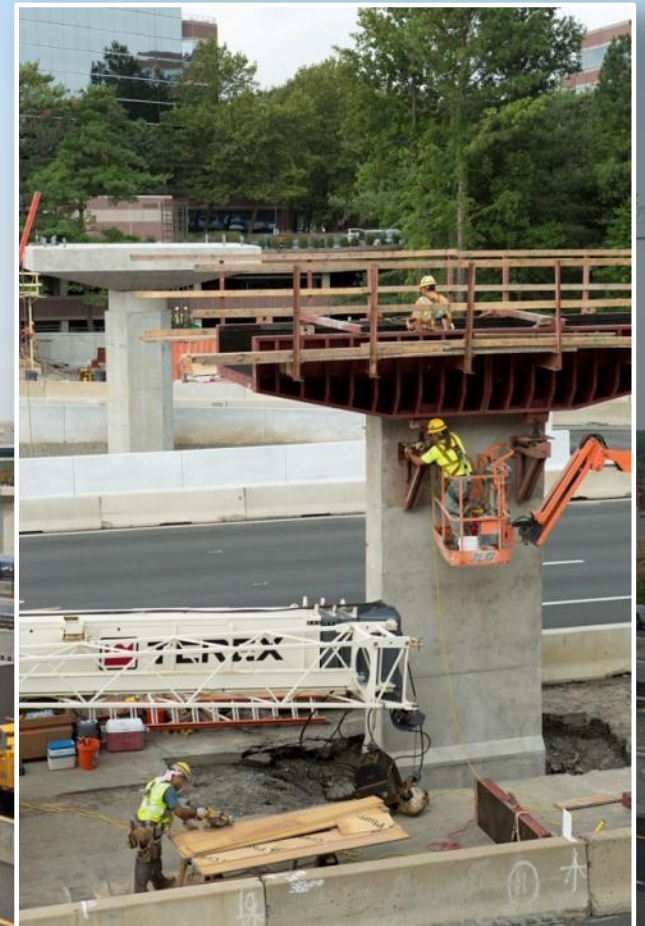


## Wiehle Avenue Station



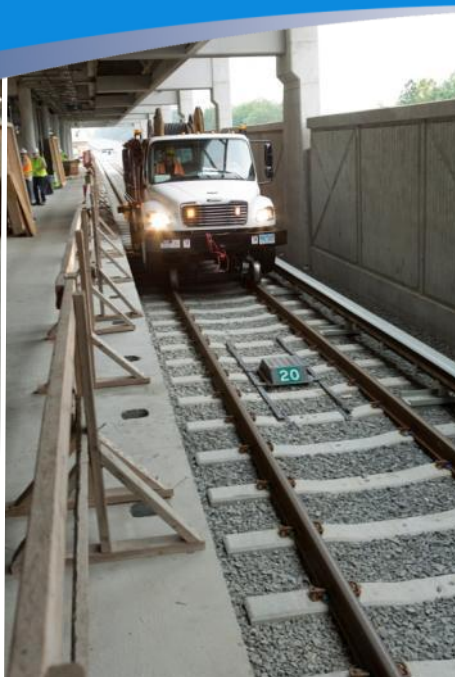


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Wiehle Avenue Station





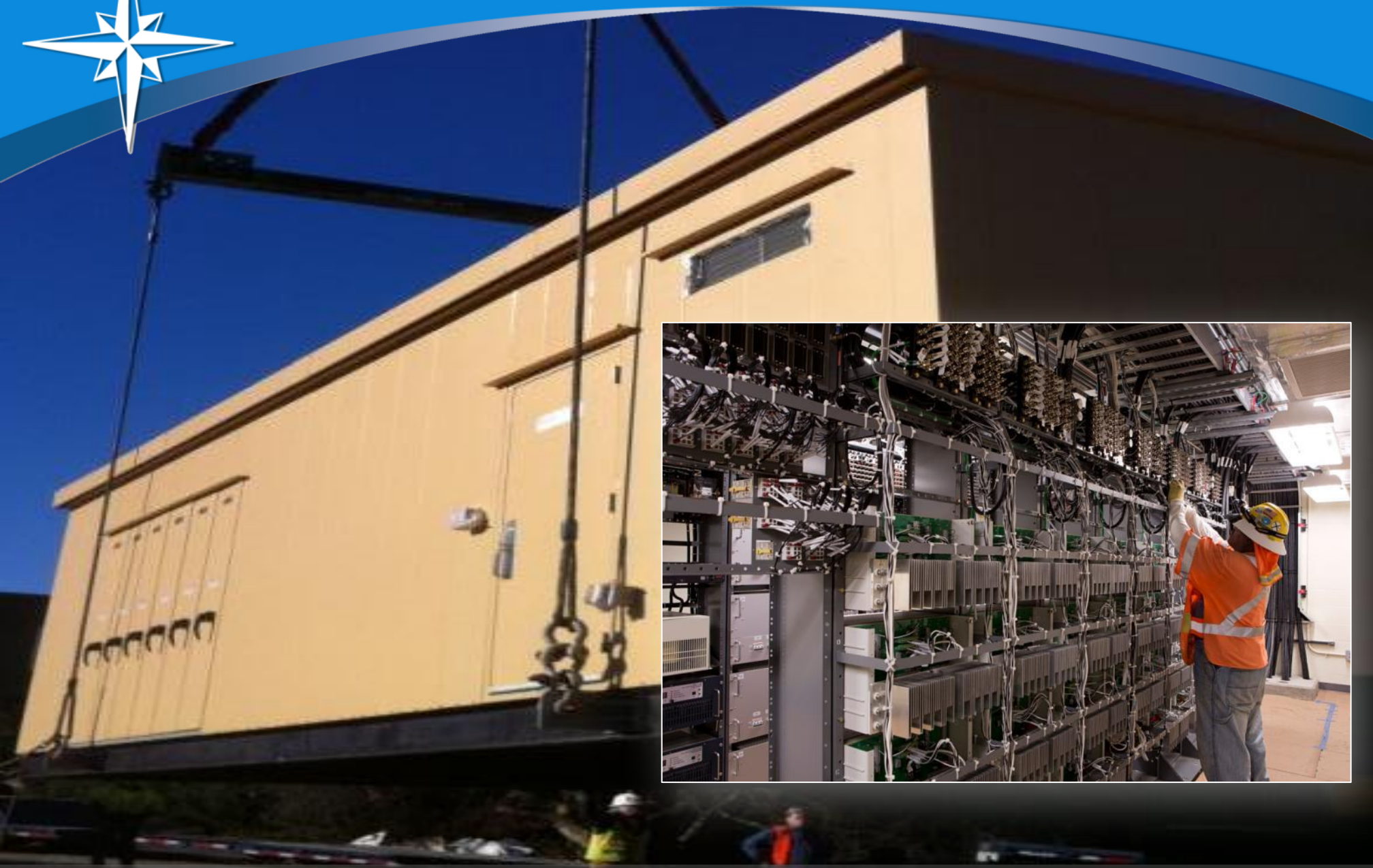
Wiehle Avenue Station





Track west of Wiehle Avenue Station





## Train Systems – Traction Power Substation (TPSS)





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**Typical TPSS Facility Renderings**



## Traction Power Substation (TPSS)





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Safety and Quality Our Core Values





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