



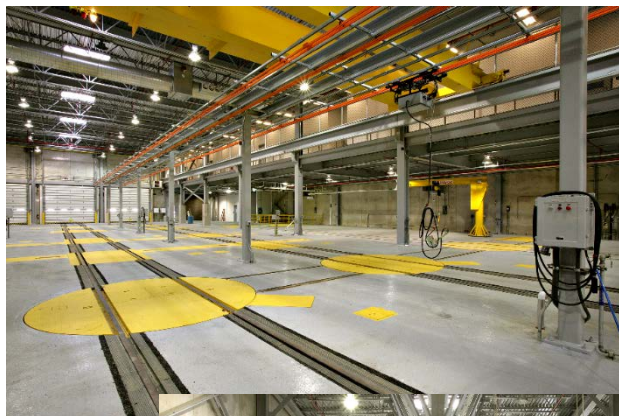
DULLES CORRIDOR
METRORAIL PROJECT

Phase 2 – Package B
WMATA Rail Yard and Maintenance Facility



HENSEL PHELPS
Plan. Build. Manage.

February 2015



Agenda

- **Project Team Background**

- Hensel Phelps
- Design-Build Subcontractors

- **General Project Overview**

- Location
- Safety
- Design-Build Status

- **Schedule**

- Overview
- 12-Month Look Ahead

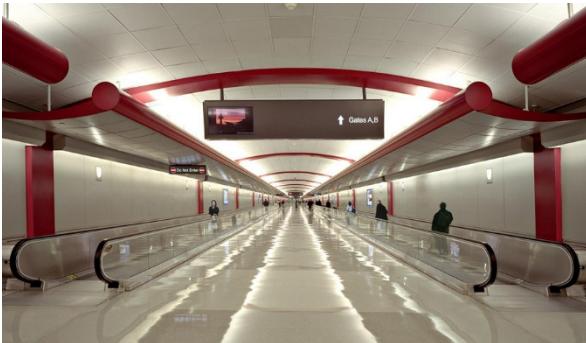
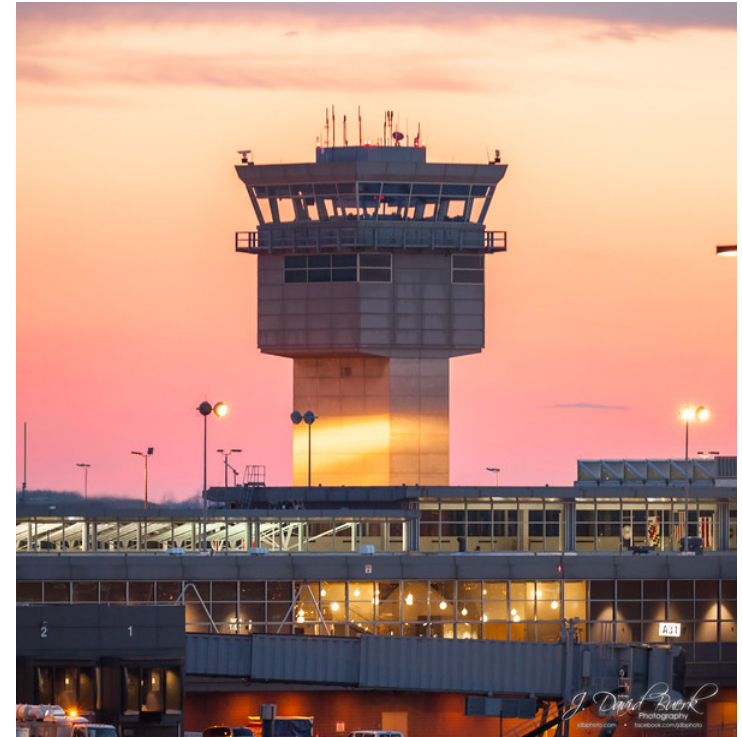
- **DBE**

- Goals
- Outreach



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Project Team Background: Hensel Phelps



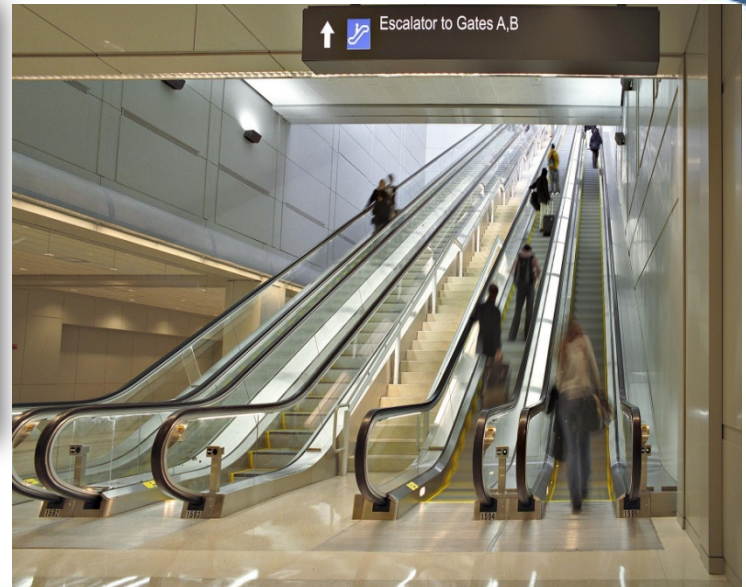


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Project History with MWAA

Project	Contract
Pedestrian Walk-Back Tunnel at Dulles International Airport *2003 Outstanding Safety Record for Large Contractors	\$27.4*
Midfield Concourse at Dulles International Airport *Committee For Dulles Project of the Year *Washington Building Council Craftsmanship Award	\$77.4*
Regional Airline Midfield Concourse at Dulles International Airport	\$18.8*
Ramp Control Tower at Dulles International Airport	\$4.6*
TOTAL	\$128.2* *million

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Team Background: Hensel Phelps – Udvar Hazy Center





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Project History with WMATA

Project	Contract
WMATA Replacement of Southeastern Bus Facility, Washington, D.C. *2012: AGC Contractor Award, Heavy Industry Safety – No Lost Time Accidents	\$56.6*
WMATA Rail Yard Improvements at Shady Grove and Greenbelt Stations	\$101.1*
WMATA New Parking Garages, Rail Yard Additions & Renovations, New Carrollton, MD *2006: Mid-Atlantic Construction Magazine Award of Merit - Transportation	\$93.8*
TOTAL	\$251.5* *million

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Shady Grove Shop and Yard



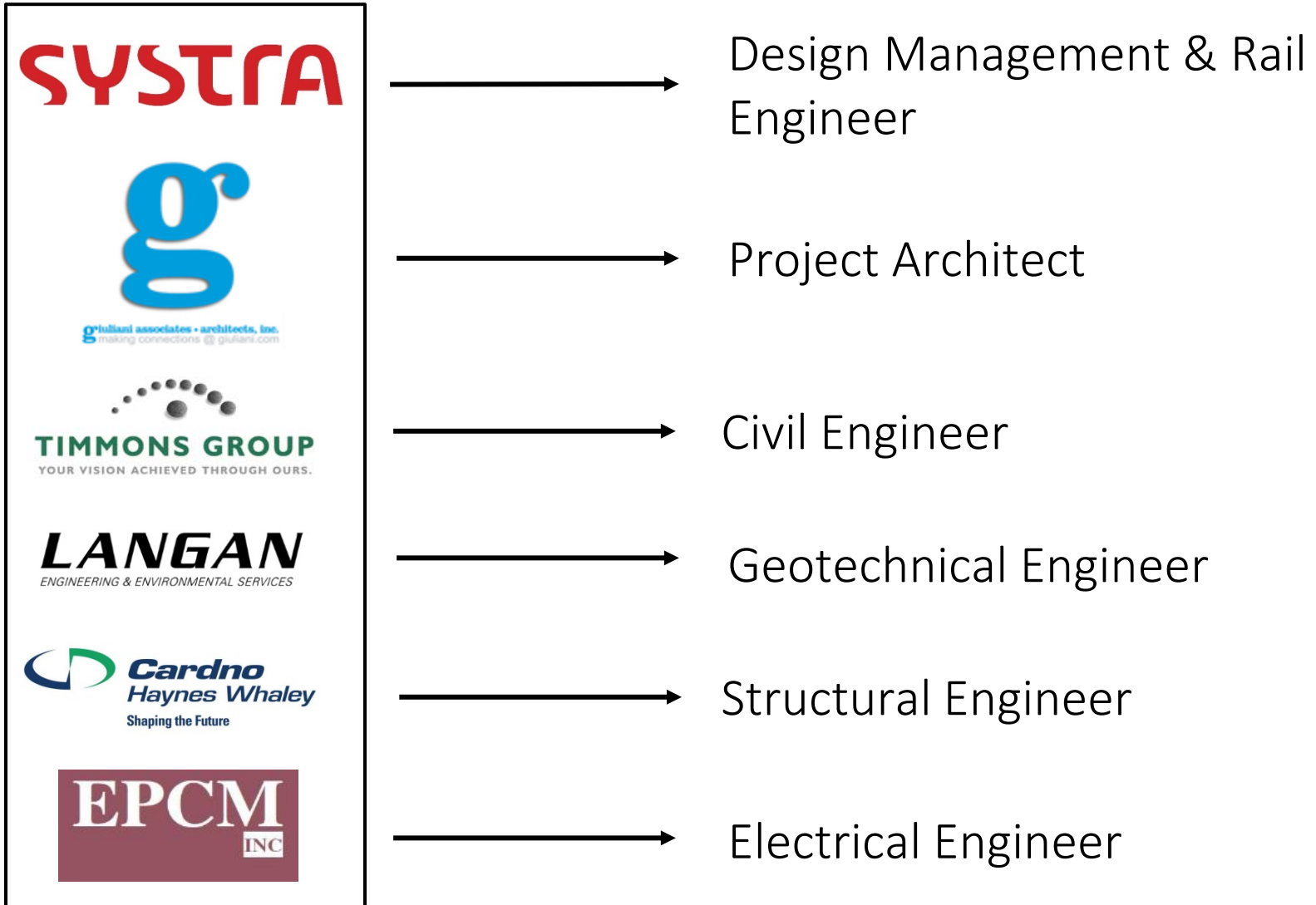
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Project Team Background: Design Build Team





Hensel Phelps Design Team





SYSTRA

Project History with WMATA

Project	Contract
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TOTAL	\$251.5* *million



Design–Build Subcontractors



*Electrical, Telecomm, and
Systems*



Mechanical and Plumbing



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General Project Overview



DULLES CORRIDOR
METRORAIL PROJECT

Phase 2 – Package B
WMATA Rail Yard and Maintenance Facility

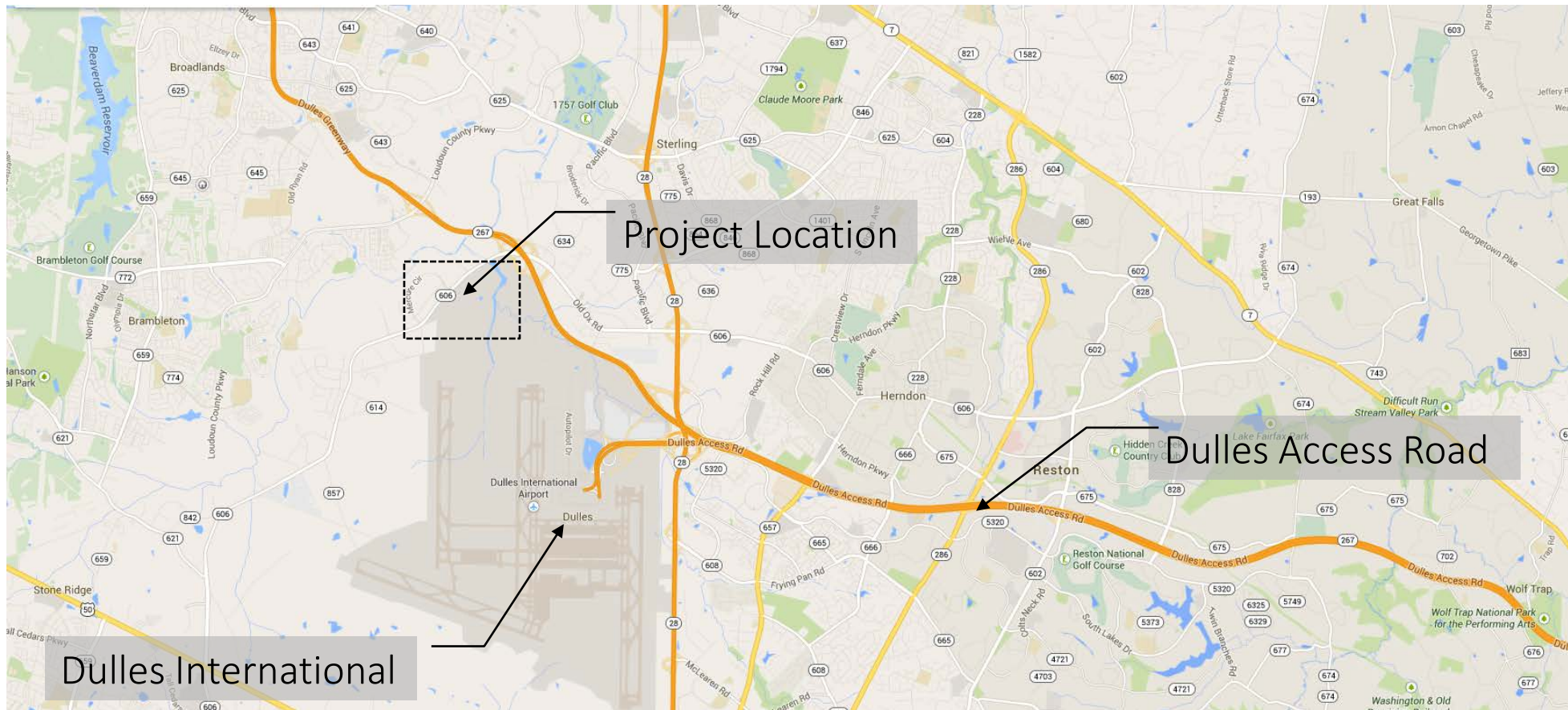
Awarded Contract Value - \$252,989,000

Notice to Proceed – August 18, 2014

Project Final Completion – October 16, 2018

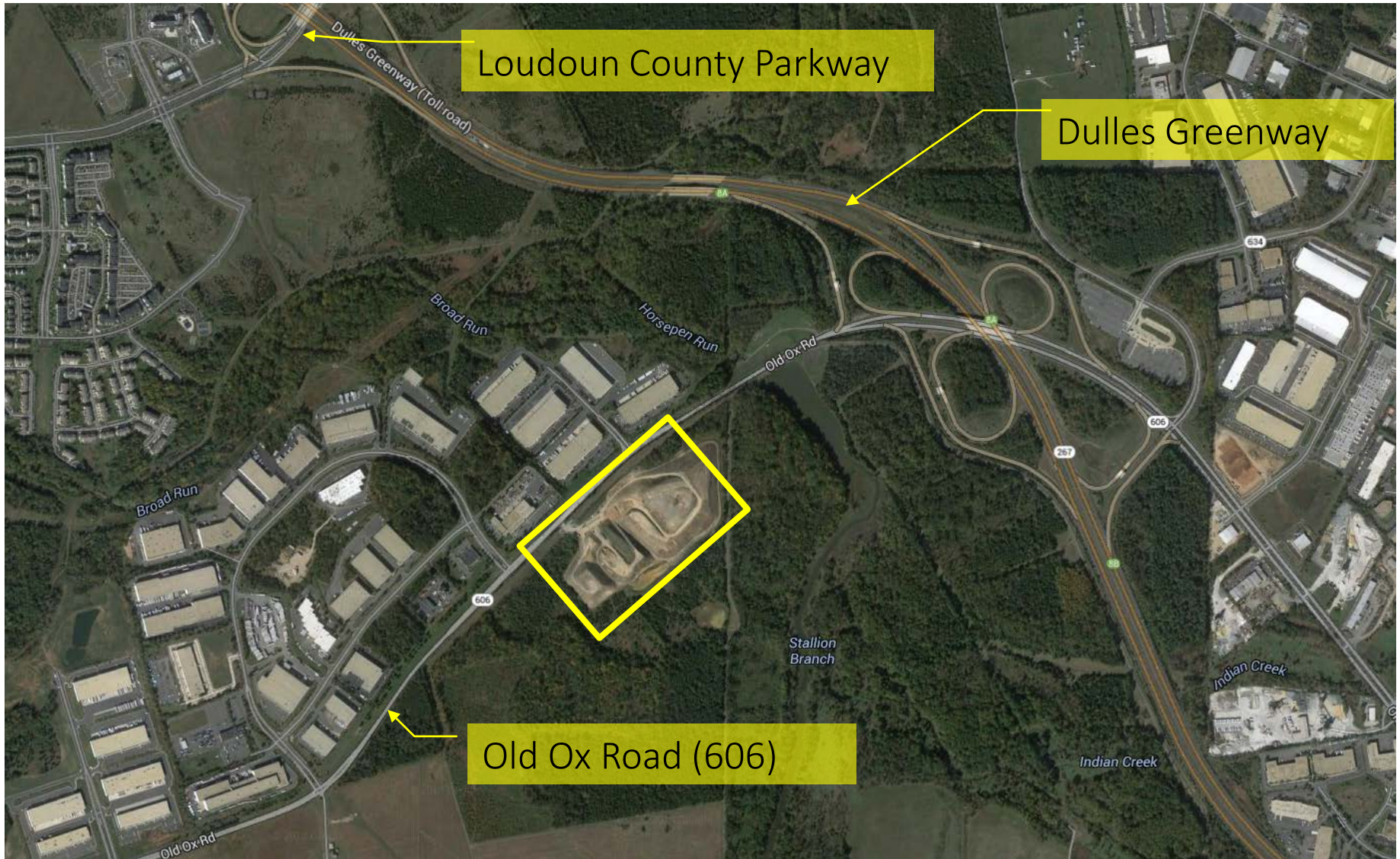


Project Location & Overview





Project Location & Overview





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Safety



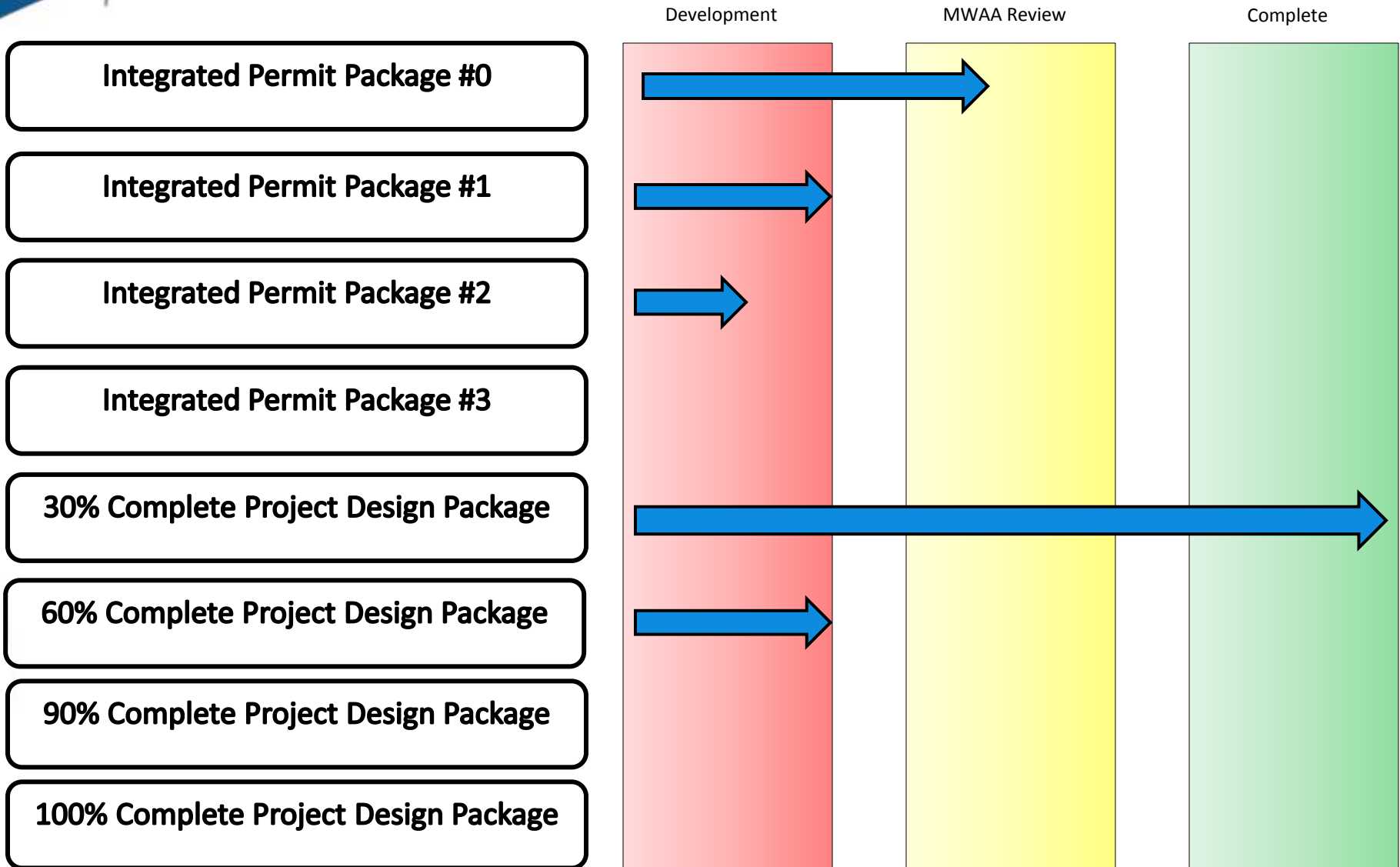
Hensel Phelps Safety Record

1. Current Hensel Phelps Experience Modification Rate (EMR) : 0.52
 - Industry Average: 1.00
2. Hensel Phelps Mid-Atlantic Days Away Restricted or Transferred (DART) Rate: 1.20
 - Industry Average: 1.90
3. Hours Worked To Date: ~34,720 man hours – Inclusive of Design, Management and Tradesmen on Site – No Incidents



Current Design Status

Notice to Proceed August 18, 2014 - 6 months into Contract



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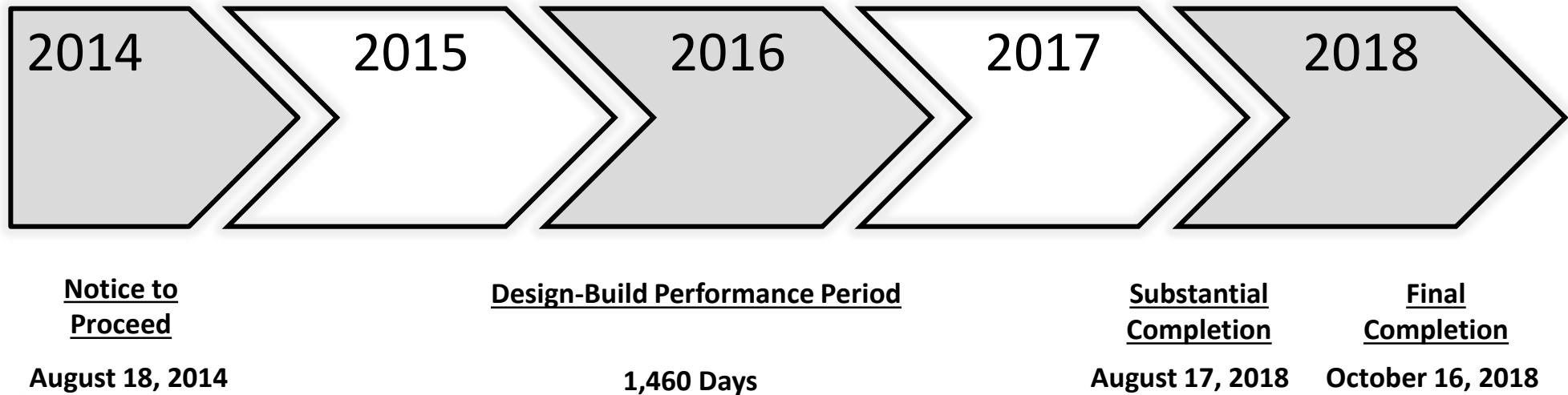
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Schedule Overview





Schedule - Overview



Schedule - Overview by Discipline

Engineering & Design

→ *16 Months*

Procurement

→ *26 Months*

Construction

→ *29 Months*

Commissioning

→ *33 Months*

**Systems Safety & Operational
Readiness Testing**

→ *8 Months*



Package A Interface Milestones

- November 2016
- **Terminate 34.5KV to Line Side Disconnect Switch Virginia Power**

- February 2017
- **Install Fiber Optic Cable Maintenance Of Way Building Tie-In to Route 606 Station**

- March 2017
- **Yard Lead Track Tie – In**

- November 2017
- **Terminate and Test Signal Cable Train Control Room for Elevated Guideway**

Schedule Status

- Notice to Proceed – August 18, 2014
- Percent Complete with Design
 - Through February 1, 2015 – 39%
- Percent Complete with Construction
 - Through February 1, 2015 – 0%
- Contract Billings to Date
 - Through February 15, 2015 - \$13,983,514
 - Percentage Billed on Contract - 5.5%



Schedule – 12-Month Look Ahead

1st Quarter

- 30% Design Acceptance
- Site Geotechnical Report and Survey Completed

2nd Quarter

- IPP #0 Permit Issued
- Mobilize Construction Team
- Install Storm Water Pollution Prevention Measures
- Begin Site Grading/Clearing
- Rough Grade Site

3rd Quarter

- IPP #1 Permit Issued
- IPP #2 Permit Issued
- IPP #3 Permit Issued
- Mass Grading
- Install Deep Site Utilities
- Install Ductbank
- Order Long Lead Materials

4th Quarter

- Building Pads
- Install Building Foundations
- Install Underground Plumbing
- Install Underground Electrical
- Site Stabilization



Staff Diversity

	African American		Caucasian		Hispanic		Other	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Current	8	6%	98	72%	9	7%	20	15%
	African American		Caucasian		Hispanic		Other	



Current Labor By State

	VA		MD		DC		PA		WV		Other	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Current	74	55%	24	18%	1	1%	6	4%	0	0%	30	22%
	VA		MD		DC		PA		WV		Other	



DBE Small Business Procurement

DBE Participation



■ Contract's Awarded ■ DBE Participation Commitment

Contracts Awarded

Subcontracts Awarded	\$ 183,800,000
DBE Small Business (Contracted)	\$ 5,600,000
DBE Small Business (Committed)	\$ 17,100,000
Percent of Contracts Awarded	12.3 %

Future Contracts to be Awarded

Subcontracts Awarded	\$ 69,189,000
DBE Small Business (In Negotiations)	\$ 7,200,000
Projected Future DBE Small Business	\$ 8,300,000

Hensel Phelps Anticipated DBE Participation 15.1 %

Hensel Phelps Contract Goal 14.0 %



Hensel Phelps Self Perform Work

Self Perform Work



■ Subcontracted Work ■ Hensel Phelps Self Perform Work

Contracts Awarded

Subcontractor Scope of Work	\$ 187,489,000
Hensel Phelps	\$ 65,500,000

Hensel Phelps Anticipated Self Perform Work 25.9 %

Required Minimum Self Performance 25.0 %

Outreach Events Attended

Activity	Date	Location
The Washington Business Journal's BizMixer with Score	October 9, 2014	1776 Restaurant, Washington D.C.
Asian-American Chamber of Commerce 5th Annual Business Summit	October 17, 2014	Fairfax County Government Center
Department of Small and Local Business Development Panel/Seminar	October 25, 2014	Shaw Neighborhood, Washington D.C.
National Association Of Black Women In Construction (NABWIC)	December 16, 2014	Policy Restaurant and Lounge, Washington D.C.

Planned Outreach Events

Bid Package	Scheduled Date
Bid Package # 1 Outreach - Testing, Surveying, Earthwork, Asphalt, Utilities	February 25, 2015
Bid Package #2 Concrete & Equipment	April 29, 2015
Bid Package #3 Doors & Hardware, Rough Carpentry , Coiling Doors	June 24, 2015
Bid Package #4 Building Finishes and Specialties	August 26, 2015

All Outreach events will take place at the Crowne Plaza Herndon, VA 1:00 PM





Project Opportunity Resources Hensel Phelps Website


http://henselphelps.com/dulles_corridor_metro_rail_project


Your Region:

News Contact Us Employee Portal ME@

 **HENSEL PHELPS** Plan Build Manage About Careers

 **DULLES CORRIDOR METRORAIL PROJECT**
Phase 2 - Package B
MWAA Railyard and Maintenance Facility



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DULLES CORRIDOR METRO RAIL PROJECT - Phase 2 Package B



Hensel Phelps Project Website

http://henselphelps.com/dulles_corridor_metro_rail_project

Hensel Phelps is constructing the new Rail Yard and Maintenance Facility for Phase 2 of the Dulles Corridor Metro Rail project that operates from Wiehle Avenue to Ashburn in eastern Loudoun County.

The purpose of Dulles Metrorail is to provide high-quality, high-capacity transit service in the Dulles Corridor. New Metrorail service in the corridor will result in travel time savings between the corridor and downtown D.C., expand the reach of the existing regional rail system, offer a viable alternative to automobile travel and support future transit-oriented development along the corridor.



**Subcontractor
Resources**

DETAILED PROJECT INFORMATION

This website is provided by Hensel Phelps for distribution of information to the general public. By clicking the links below, visitors to this website can find the following information in a downloadable format:

- General Project Information
- Current Project Status
- Public Photo Gallery of the Project
- Public Outreach Activities
- Contracting Opportunities
- Project Employment Opportunities
- Available DBE Programs
- Public Inquiries

Please bookmark this page and check back frequently for updates and notices.

-  **GENERAL PROJECT INFORMATION**
-  **CURRENT PROJECT STATUS**
-  **PUBLIC PHOTO GALLERY OF THE PROJECT**
-  **PUBLIC OUTREACH ACTIVITIES**
-  **CONTRACTING OPPORTUNITIES**
-  **PROJECT EMPLOYMENT OPPORTUNITIES**
-  **AVAILABLE DBE PROGRAMS**
-  **PUBLIC INQUIRIES**

Photos From Greenbelt Shop Tour



Members of the Hensel Phelps Design team tour the Greenbelt Service and Inspection Building

Photos from Greenbelt Shop Tour



Members of the Hensel Phelps Design team tour the Greenbelt Yard Control Tower with members of MWAA and WMATA

Photos from Greenbelt Shop Tour



Members of the Hensel Phelps Design team tour the Greenbelt Service and Inspection Building



Ronald Reagan Washington National Airport



Dulles Corridor Metrorail Project



Dulles Toll Road



Washington Dulles International Airport



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