



Dulles Corridor Metrorail Project Phase 2, Package A

Quarterly Update

Keith Couch
Capital Rail Constructors

April 2015



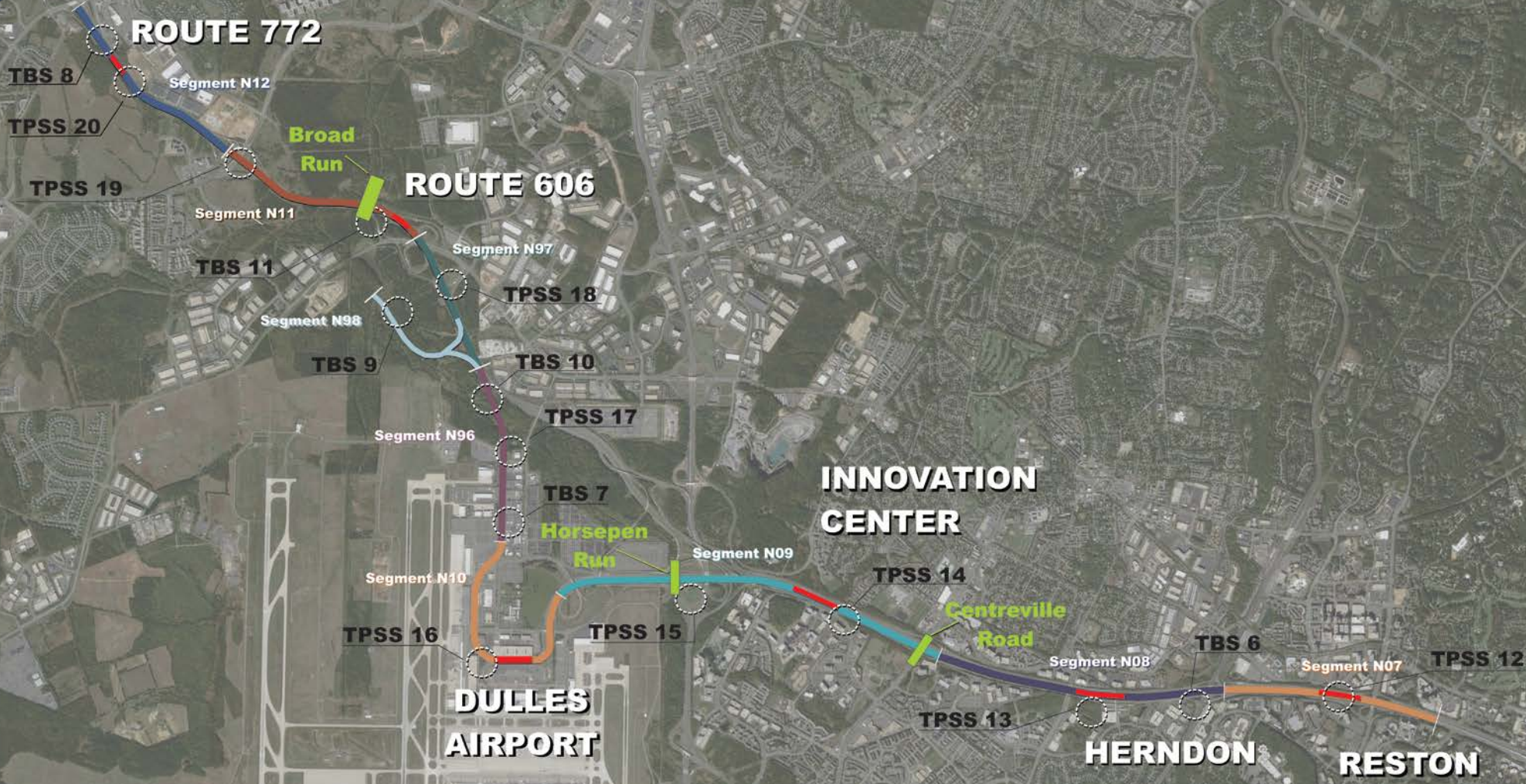


Agenda

1. Safety
2. Schedule
3. Labor Statistics
4. DBE Subcontracting
5. Progress



Scope of Work





Safety

Since Notice to Proceed:

- Man-Hours Worked as of March 1, 2015: **1,014,868**
- **Zero** Recordable or Lost Time Rate Incidents

Current Program Focus:

- Work adjacent to traffic and within Maintenance of Traffic (MOT) areas
- Arrival of new subcontractors/employees to the project
- Excavating and trenching





Design Status

Design Status:

	87% Complete
▪ Geotechnical Work	99% Complete
▪ Initial Survey Work	98% Complete
▪ Track Design	100% Complete
▪ Systems Design	87% Complete
▪ Civil Design	94% Complete
▪ Utilities Design	97% Complete
▪ Facilities Design (Stations)	69% Complete
▪ Wayside Design	85% Complete
▪ Structures Design (Aerial Guideway/3 Bridges)	97% Complete

(Percent complete through February 27, 2015)



Construction Status: 3%

**Overall Project Status
Design and Construction: 18%**

Aerial Guideway: Drilled Shafts



**96 Drilled Shafts installed as of March 26
49% complete**

Aerial Guideway: Drilled Shafts



96 Drilled Shafts installed as of March 26
49% complete



Aerial Guideway: Columns



67 Columns installed as of March 26
35% Complete



Aerial Guideway: Columns



67 Columns installed as of March 26
35% Complete



Aerial Guideway: Caps



**46 Caps poured as of March 26
26% complete**



Aerial Guideway: Caps



46 Caps poured as of March 26
26% complete



Aerial Guideway: Girders



Girders at casting plant

**60 Girders fabricated – 11% Complete
Installation starts late April**



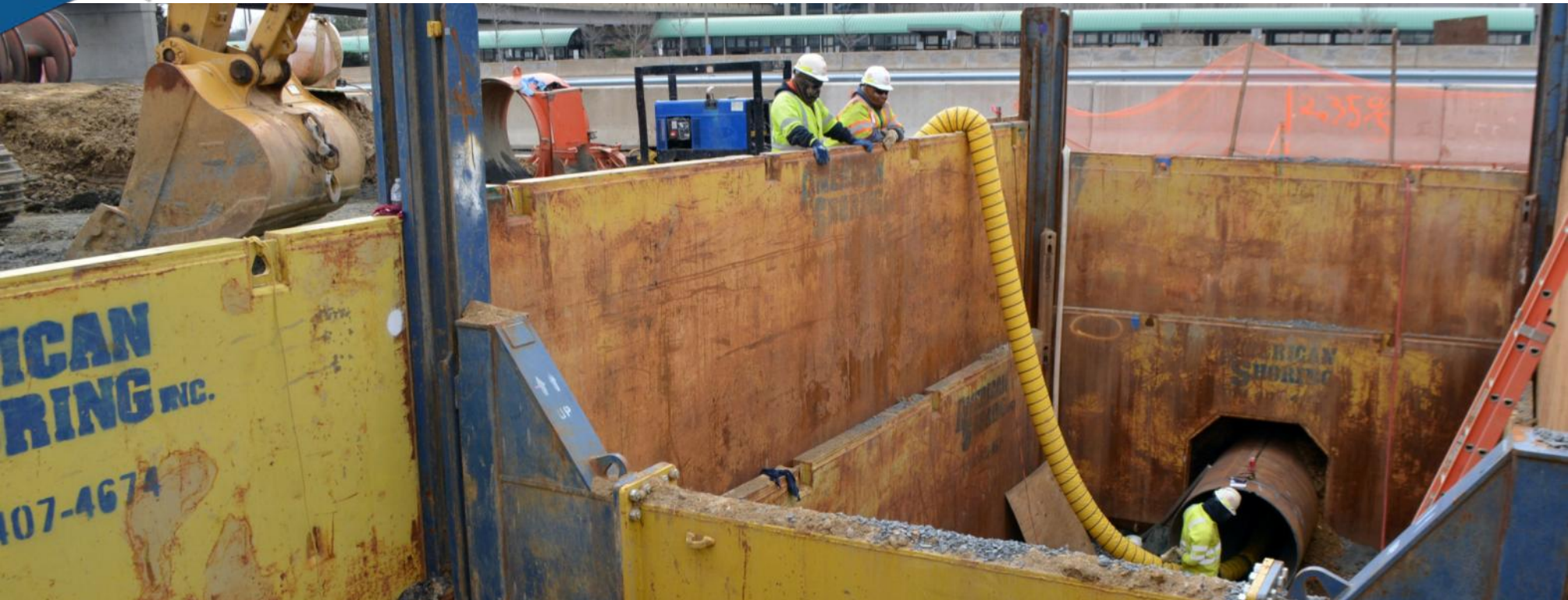
Facilities: Innovation Center Station

- **Enabling Work** Nov 2014 - Apr 2015
- **Excavation & Foundations** May 2015 - Oct 2015
- **Precast & Steel** Nov 2015 - Apr 2016





Facilities: Herndon Station



- Enabling Work Jan 2015 - Jul 2015
- Excavation & Foundations Nov 2015 - Feb 2016
- Precast & Steel Mar 2016 - Aug 2016

Jack & Bore method used to run Water/Sewer lines under DIAAH and DTR



Facilities: Reston Town Center Station

An aerial photograph of the Reston Town Center area in Virginia. A white arrow points from a white-bordered box containing the text 'Reston Town Center Station' to a specific location in the center of the image, near a large parking lot and a road intersection. The surrounding area includes various commercial buildings, parking lots, and green spaces.

Reston Town
Center Station

- Enabling Work Feb 2015 - Dec 2015
- Excavations & Foundations Jan 2016 - July 2016
- Precast & Steel Aug 2016 - Dec 2016



Bridges: Horsepen Run



**Support of Excavation & Foundations: Complete
Structural Steel & Bridge Deck: Apr 2015 - Jul 2015**



Bridges: Broad Run



Support of Excavation & Foundations: Apr 2015 - Jul 2015
Structural Steel & Bridge Deck: Sep 2015 - Mar 2016



Bridges: Centreville Road

An aerial photograph showing a multi-lane highway with a bridge under construction. The bridge structure is visible as a dark, rectangular area crossing the highway. A white arrow points from a text box to the bridge. The surrounding area includes green trees, a parking lot, and some buildings.

Centreville Road Bridge

Support of Excavation & Foundations: May 2015 - Jul 2015
Structural Steel & Bridge Deck: Jul 2015 - Sep 2015



Manpower Hours (December 2014 – February 2015)

	Dec 2014	Jan 2015	Feb 2015
Professional Staff	41,119	42,880	40,962
Craft Labor – CRC & Subcontractors	16,723	17,175	22,887



Labor by Race/Ethnicity

December 2014 – February 2015

	African American		Caucasian		Hispanic		Other	
	EMP	%	EMP	%	EMP	%	EMP	%
Dec 2014	28	13%	93	44%	83	39%	9	4%
Jan 2015	27	10%	82	45%	90	41%	9	4%
Feb 2015	32	12%	110	40%	128	46%	9	2%
QTR AVG	29	12%	95	43%	100	42%	9	3%
	African American		Caucasian		Hispanic		Other	



Labor by State

December 2014 – February 2015

	VA	MD	DC	PA	WV	OTHER
	%	%	%	%	%	%
Dec 2014 – Feb 2015 Average	57%	20%	3%	7%	5%	8%
	VA	MD	DC	PA	WV	OTHER



Local Employment Outreach 2015 Events

- ✓ February Arena Stage Job Fair, Washington, D.C.
- ✓ February Pennsylvania College of Technology
- May Herndon Festival, Herndon, VA

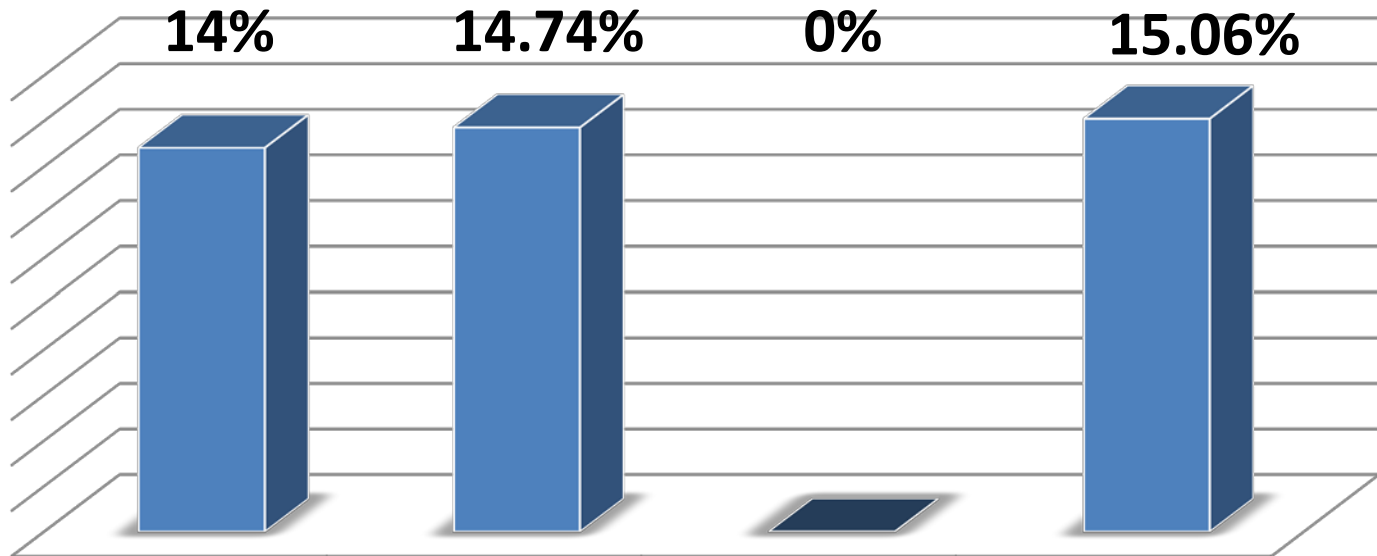


Pennsylvania College of Technology Construction Management Students



DBE Status

As of 3/23/15



	DBE Project Goal	DBE Committed Value Against Awarded Contracts	Remaining to Buy	Projected Finish
■ DBE Status	\$168,212,251	\$177,096,982	\$.	\$180,953,564



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY



Annual Project Partnering Meeting – Mar 2015



Silver Star Partner Awards

DULLES CORRIDOR METRORAIL PROJECT

SILVER STAR PARTNER AWARD

presented to
RUSS WERNER
Design Manager, Jacobs Engineering

Russ Werner has been recognized as a Silver Star Partner and is hereby commended for his extraordinary actions in support of the Dulles Corridor Metrorail Project Phase 2 Package A 'One Team' Partnership Mission and Goals.

"Russ is always open minded, willing to listen and willing to work toward a fair solution."
"Russ is able to discuss virtually every design aspect of this enormous, challenging project. He is able to participate in all the various design meetings, RT meetings, and other groups with real expertise. He is able to be very fair, in what can be a difficult and challenging environment at times. He can hold CRC's 'feet to the fire' when needed, but also acknowledge when CRC has provided a design that is compliant and acceptable. He has a lot of responsibility and he navigates it well."
"I believe that Russ has exemplified the spirit of 'One Team' from the beginning of the Package A work, not just for the month of January. He has always been fair, open minded, and dedicated to pushing for resolution, and makes himself available to all, for which he is rewarded with long hours on weekends and evenings to accomplish what he could not while sitting in meetings."
"Russ always looks for a solution rather than a reason to say no."

Russ sets a positive example and his dedication to the shared goals of this exceptional Project Team are worthy of emulation and inspire a positive and effective work environment. His contributions to the success of the Project reflect great credit upon himself, his parent organization, and the Dulles Corridor Metrorail Project Phase 2 Package A 'One Team.'

ATTESTED TO THIS SEVENTEENTH DAY OF MARCH, TWO THOUSAND AND FIFTEEN BY:


Neil Hill
Washington Metropolitan Area Transit Authority


Kevin Vallrecht
Metropolitan Washington Airports Authority


Guyton Nelson
Capital Rail Constructors



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

SILVER STAR PARTNER AWARD

presented to
SCOTT PETERSON
Project Manager Facilities Design, WMATA

Scott Peterson has been recognized as a Silver Star Partner and is hereby commended for his extraordinary actions in support of the Dulles Corridor Metrorail Project Phase 2 Package A 'One Team' Partnership Mission and Goals.

"Scott has excelled at representing the interests and needs of WMATA while striving for resolution and compromise with conflicting interests of MWAA and CRC, while maintaining a professional and friendly attitude. He worked during weekends and holidays throughout January in order to accommodate both Package A and Package B demands."

Scott's positive example and dedication to the shared goals of this exceptional Project Team are worthy of emulation and inspire a positive and effective work environment. His actions have contributed significantly to the success of the Project and reflect great credit upon himself, his parent organization, and the Dulles Corridor Metrorail Project Phase 2 Package A 'One Team.'

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Neil Hill
Washington Metropolitan Area Transit Authority


Kevin Vallrecht
Metropolitan Washington Airports Authority


Guyton Nelson
Capital Rail Constructors



DULLES CORRIDOR METRORAIL PROJECT

SILVER STAR PARTNER AWARD

presented to
GREG SHAFER
Lead Structures Design, Parsons

Greg Shafer has been recognized as a Silver Star Partner and is hereby commended for his extraordinary actions in support of the Dulles Corridor Metrorail Project Phase 2 Package A 'One Team' Partnership Mission and Goals.

"Greg has made every effort to have his team complete the design packages on time, while producing a quality product."
"Greg is a talented structural engineer and consummate professional, respectful and open to the opinions of others, goes that 'extra mile' to reach resolution and amicable compromise, and he has gained the respect and confidence of all of us."

Greg's positive example and dedication to the shared goals of this exceptional Project Team are worthy of emulation and inspire a positive and effective work environment. His contributions to the success of the Project reflect great credit upon himself, his parent organization, and the Dulles Corridor Metrorail Project Phase 2 Package A 'One Team.'

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Neil Hill
Washington Metropolitan Area Transit Authority


Kevin Vallrecht
Metropolitan Washington Airports Authority


Guyton Nelson
Capital Rail Constructors



Ronald Reagan Washington National Airport



Dulles Corridor Metrorail Project



Dulles Toll Road



Washington Dulles International Airport



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AIRPORTS AUTHORITY**