



THE NEW FREDERICK DOUGLASS MEMORIAL BRIDGE



WARD 8 PROJECT UPDATE MEETING
September 25, 2018

AGENDA



- Project Overview
- Project Update:
 - Ongoing Work
 - Upcoming Work
 - Maintenance of Traffic
- Project Opportunities Update
- Question & Answers

INTRODUCTIONS

- DDOT Team
- Delmar Lytle, PE – DDOT Program Manager
- Joseph Dorsey – DDOT Project Engineer
- Errol Williams – DDOT Project Engineer
- Jon Whitney, PE – HNTB Project Manager
- Kimberly Manning – Project Communications
- Design-Build Team
- South Capitol Bridgebuilders
- A Joint Venture between
- Archer Western
- Granite Construction
- Eric Hayes – Project Manager
- Sean Moore – Community Outreach
- A. Byrd – Community Outreach

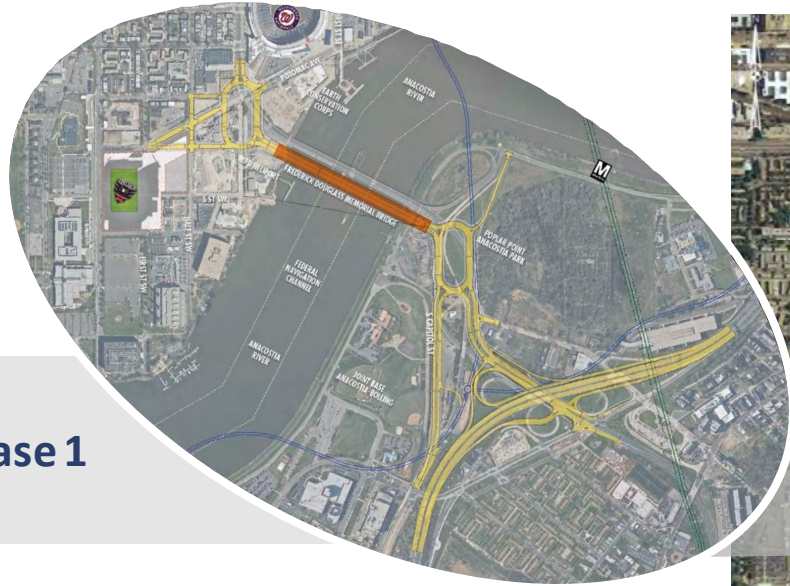


Project Team Introductions

OVERALL SOUTH CAPITOL STREET CORRIDOR PROJECT (PHASE 1)



Phase 1

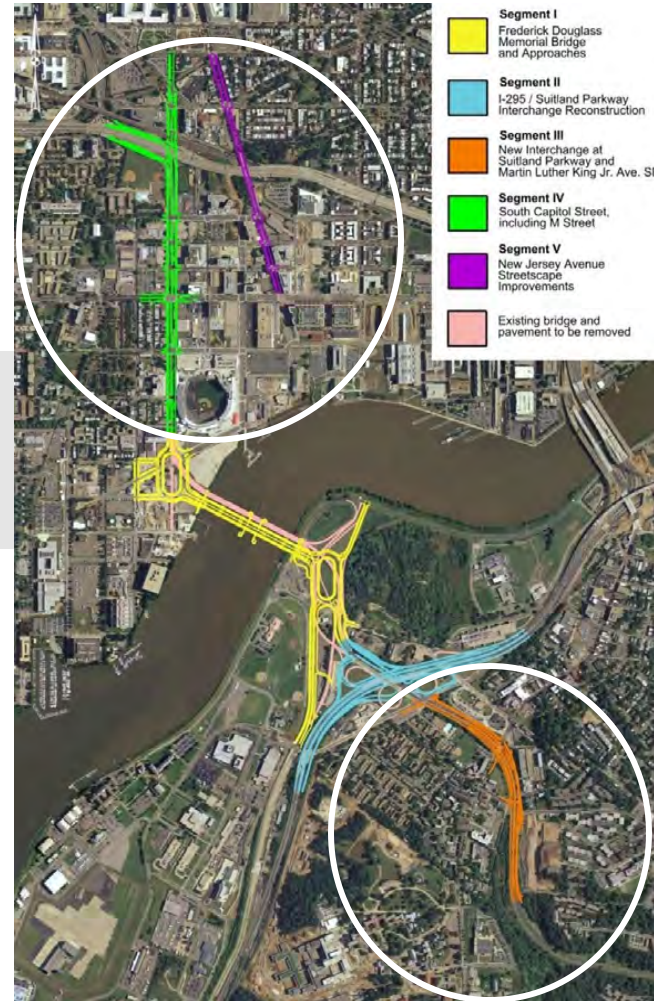


Phase 1 – Current Work:

- **Segment I** – New Frederick Douglass Memorial Bridge and approaches
- **Segment II** – I-295 / Suitland Parkway, SE interchange reconstruction

OVERALL SOUTH CAPITOL STREET CORRIDOR PROJECT (PHASE 2)

Phase 2



Phase 2 – Future Planned Work (2024):

- **Segment III** – New Martin Luther King, Jr. Av/Suitland Parkway diamond interchange, includes replacement of pedestrian bridge at Stanton Road
- **Segment IV** – South Capitol Street Improvements, including elimination of the M Street underpass (bring South Capitol Street up to grade) and modifications to the I-695/South Capitol Street Interchange
- **Segment V** – Streetscape improvements to New Jersey Avenue, SE from D Street, SE to M Street, SE

PHASE I PROJECT ELEMENTS

- A. Replace existing bridge with a new six lane signature bridge
- B. Construct new east traffic oval
- C. Construct new west traffic oval
- D. Reconstruct I-295 from Firth Sterling Avenue, SE to Howard Road, SE and the I-295/Suitland Parkway Interchange
- E. Enhance bicycle and pedestrian facilities
- F. Improve landscaping, drainage and stormwater management



PROJECT PURPOSE & NEED

- Improve safety
- Improve multimodal mobility and accessibility along the corridor
- Support economic development within the project area
- Replace the aging Frederick Douglass Memorial Bridge with a signature bridge
- Transform the existing corridor into an urban gateway
- Reconstruct I-295 and Suitland Parkway interchange
- Improve pedestrian, bicyclist and vehicular safety
- Provide landscaping and stormwater improvements to enhance the environment

EXISTING CONDITIONS

Existing Frederick Douglass Memorial Bridge

- 68-Year-Old Structure
- Functionally obsolete
- Structurally deficient
- 5 Lanes (3 Inbound, 2 Outbound)
- Substandard sidewalks
- Requires regular, costly maintenance and repairs



EXISTING CONDITIONS

I-295 and Suitland Parkway Interchange

- Existing bridges are structurally deficient and functionally obsolete
 - Firth Sterling Avenue
 - Suitland Parkway
 - Howard Road
- Interstate does not meet current design standards
- Partial interchanges at Howard Road, SE and Suitland Parkway, put commuter traffic on local streets



**Existing Frederick Douglass
Memorial Bridge**



**I-295 Corridor from Firth Sterling
Avenue, SE to Howard Road, SE**

THE NEW FREDERICK DOUGLASS MEMORIAL BRIDGE



- Iconic three-arch design, with deck suspended by vertical stay cables
- Bridge supported by two V-piers
- Six lane bridge with four scenic overlooks
- New 18-foot wide sidewalks
- Arches and greenspaces enhance user experience
- Esplanade creates new recreation spaces
- Improved pedestrian and bicycle access

EAST OVAL AND ESPLANADE



EAST OVAL AND ESPLANADE – PROJECT COMPLETION



WEST OVAL



WEST OVAL



PROJECT UPDATE – ONGOING WORK

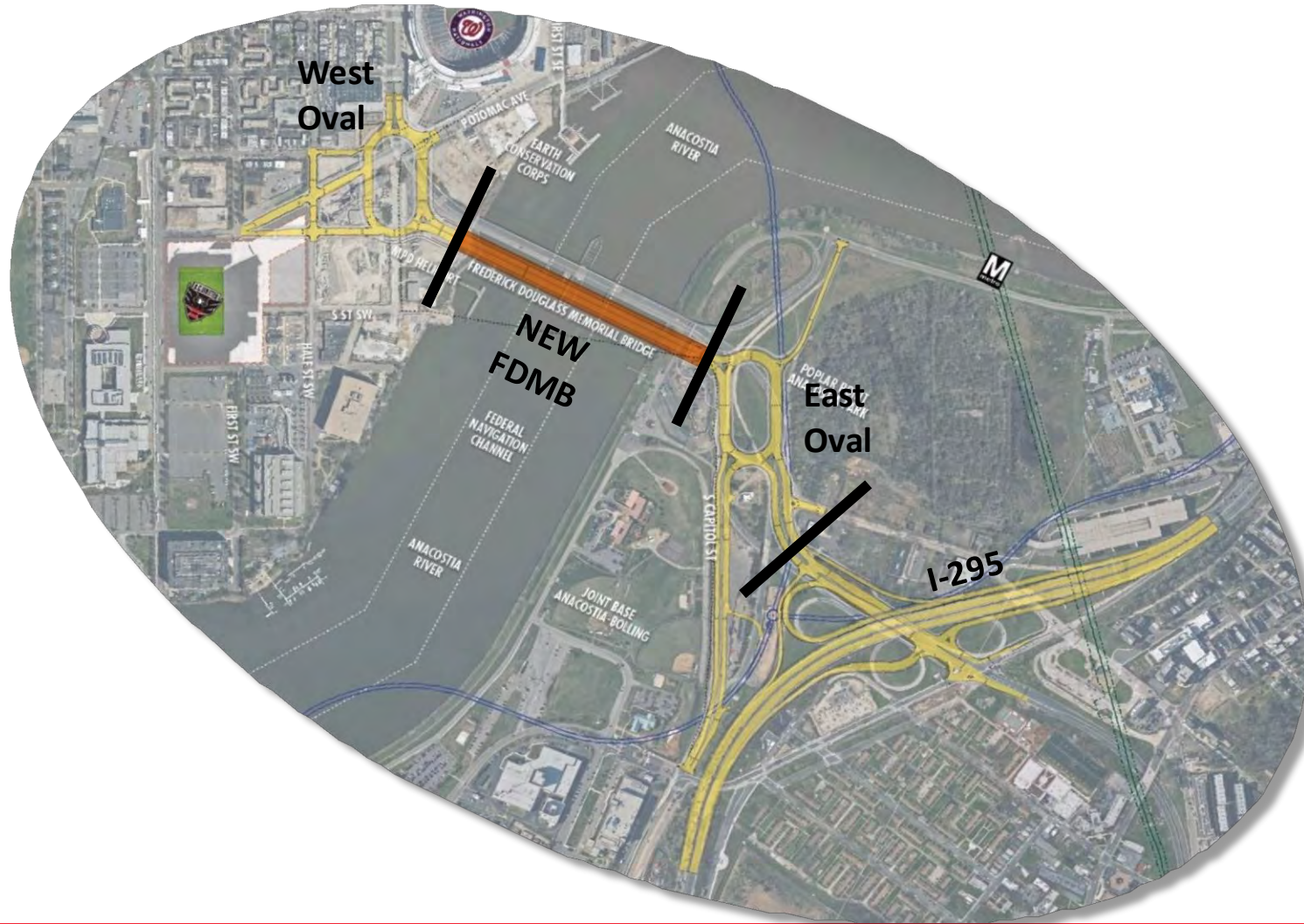
Pile Driving and Trestle Assembly



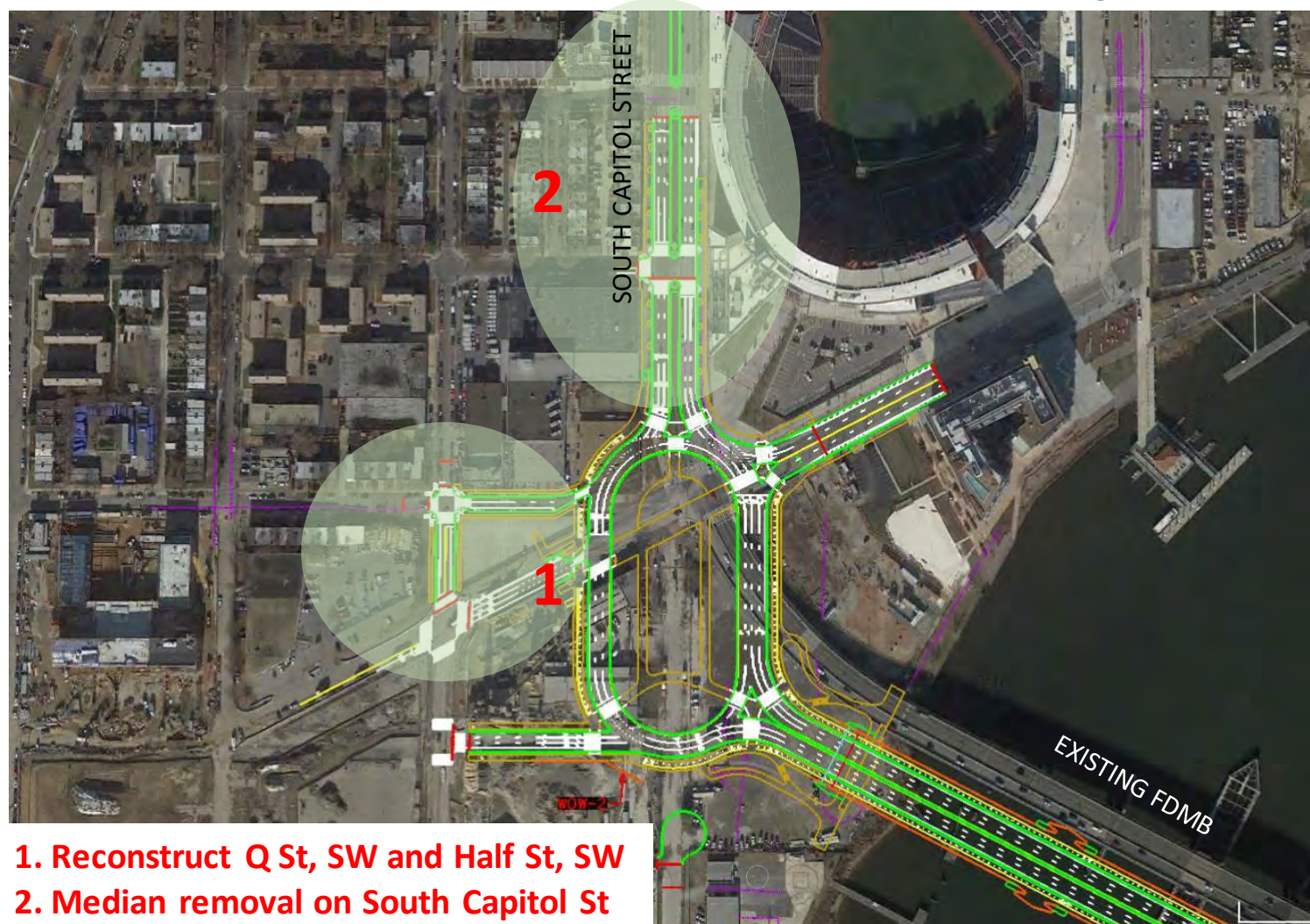
TODAY ON THE ANACOSITA RIVER



SOUTH CAPITOL STREET CORRIDOR PROJECT (FALL/WINTER 2018)

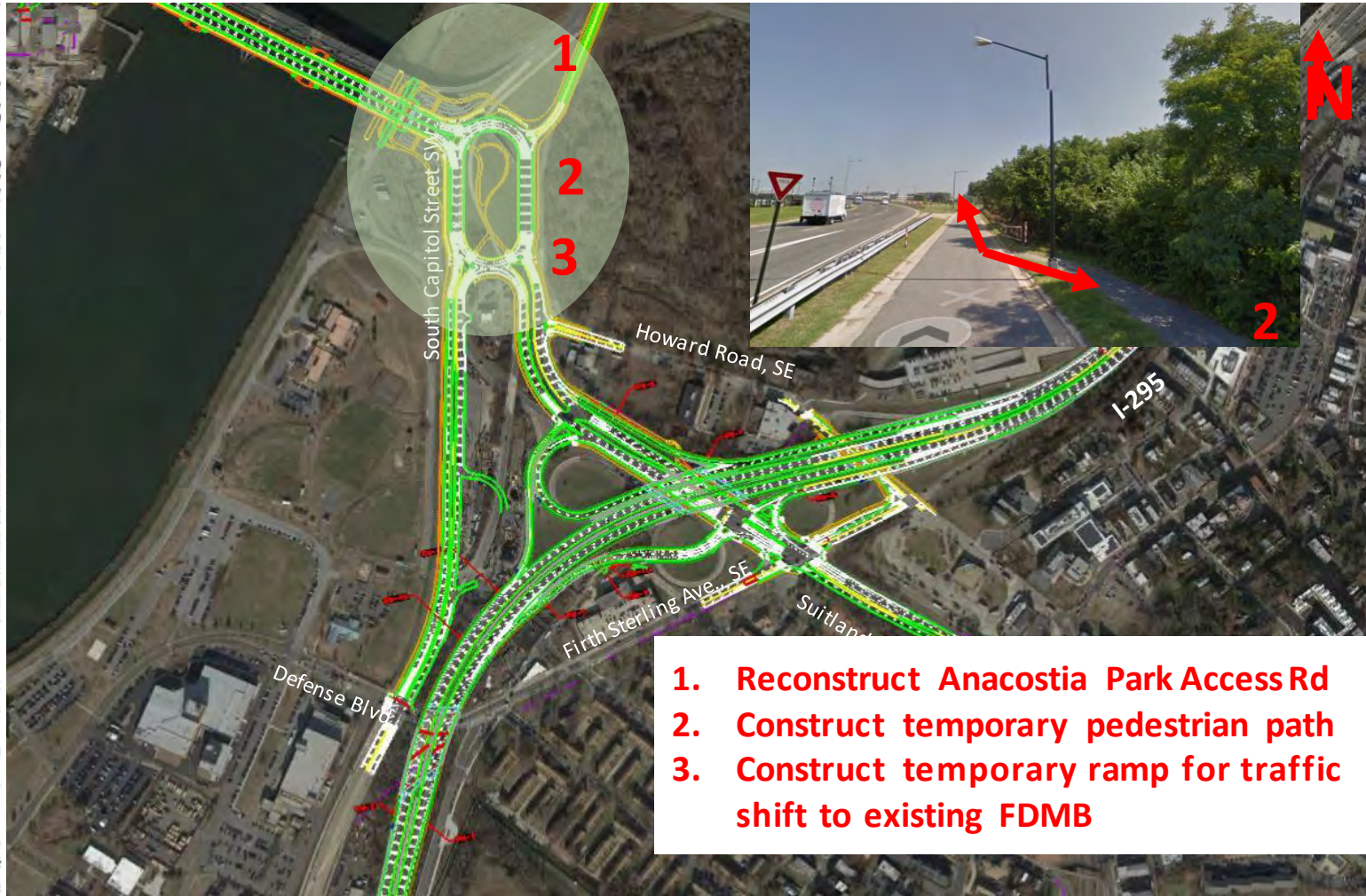
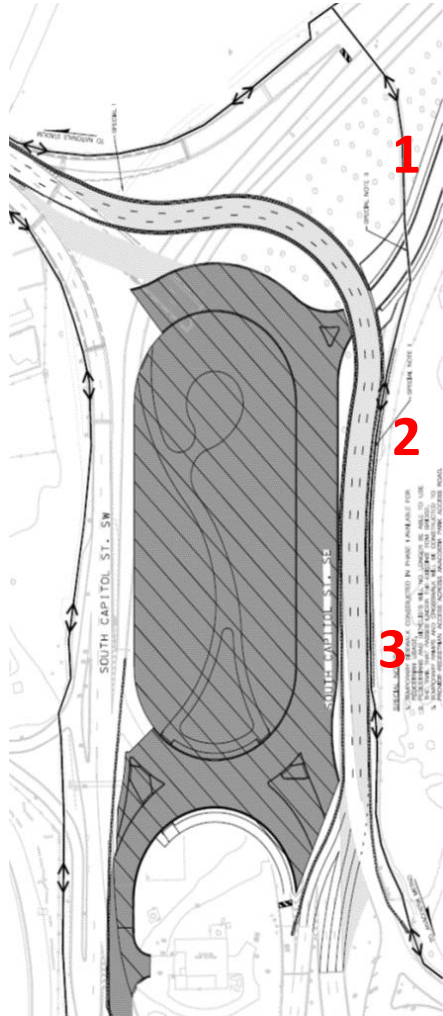


WEST OVAL

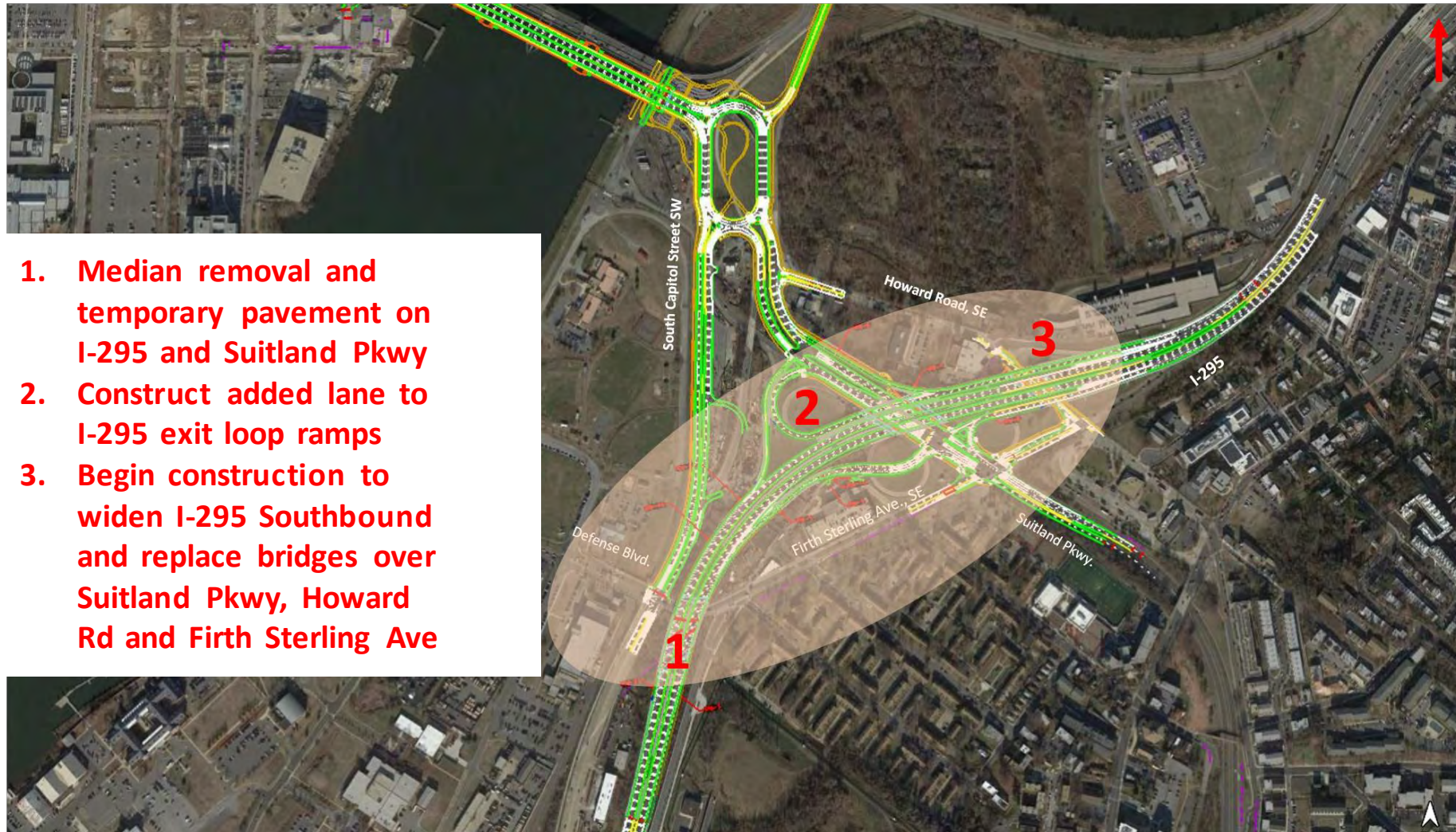


1. Reconstruct Q St, SW and Half St, SW
2. Median removal on South Capitol St

EAST OVAL



1. Reconstruct Anacostia Park Access Rd
2. Construct temporary pedestrian path
3. Construct temporary ramp for traffic shift to existing FDMB



1. Median removal and temporary pavement on I-295 and Suitland Pkwy
2. Construct added lane to I-295 exit loop ramps
3. Begin construction to widen I-295 Southbound and replace bridges over Suitland Pkwy, Howard Rd and Firth Sterling Ave

CONSTRUCTION IMPACTS AND MITIGATION

1. Potential Impacts

- Community/Business
- Sporting events
- Emergency services
- Utilities
- Pedestrians/Cyclists
- Traffic
- Other DDOT projects

2. Mitigation

No lane closures within 2 hours of sporting events
No lane closures during morning/evening rush hour

- Ongoing coordination with all stakeholders
- Public information campaign
- Clear - signed detour routes
- Accelerated construction (where possible)
- Maintain existing roadway lighting level
- Incident management support
- Traffic monitoring
- Dust control



PROJECT OPPORTUNITIES UPDATE

DBE Contracting Outreach and Awards

- SCB hosted six DBE outreach events
 - 171 DBE firms attended
- Awarded contracts to 43 DBE firms
 - Design Phase: \$11,611,315 – 11 firms
 - Construction Phase: \$49,218,978 – 32 firms
- DBE's awarded 37.4% of contract dollars awarded to date
 - \$61M of \$163M contract dollars awarded
- 13.05% Goal for Design Phase (\$11.6M) achieved



PROJECT OPPORTUNITIES UPDATE

On-the-Job Training Opportunities

Design Positions

- **12 Design Trainees currently working on the project**
- AECOM is seeking High School to college aged individuals for Design Technician Trainees

Construction Positions

- **9 Trainees currently working on the project**

Construction Positions (32 available)

- Concrete Technician
- Drainage/Utility Inspector
- Electrical Technician
- Materials Inspector
- Quality Control Technician
- Rodman/GPS Operator
- Bridge Constructor (Laborer)
- Bridge Carpenter
- Cement Mason
- Equipment Maintenance Tech
- Equipment Operator
- Estimator-Project Engineer

- Foreman Trainee
- Ironworker
- Landscape Worker
- Pile Driver
- Power Tool Operator
- Superintendent Trainee
- Traffic Control (Flaggers)
- Traffic Control Coordinator
- Truck Driver Heavy Duty - CDL
- Truck Driver Multiple Rear Axle-CDL
- Truck Driver Single Axle- CDL
- Welder

FIELD LEADERSHIP TEAM



PROJECT OPPORTUNITIES UPDATE

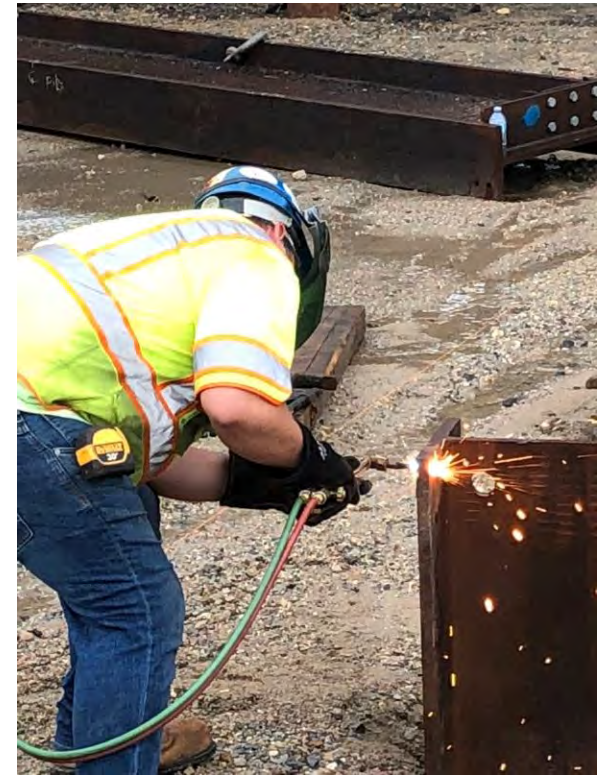
Upcoming Training and Employment Events

- Howard University info session – 9/25/2018
- SCB Job Fair - December 2018
- Other Employment Outreach
 - DOES and DC Infrastructure Academy
 - ANC and community meetings
 - Social media
 - www.southcapbridgeproject.com
- Recent Events
 - SCB Summer Job Fair - 9/18/2018
 - Dunbar High School STEM Fair – 8/15/2018
 - DHS SNAP Career Fair - 7/12/2018



PROJECT LABOR AGREEMENT

- PLA is a pre-hire collective bargaining agreement
- Establishes project employment terms
- Contractors performing construction are required to:
 - Use Union Halls for hiring
 - Use Union Apprenticeships for On-the-Job training positions on job site



HOW TO APPLY

- Attend Construction Trades Job Fair
- Visit CHOICE online for to learn more

www.choiceworks.org



COMMUNITY OUTREACH

- ANC and community meeting attendance
- Frederick Douglass Memorial Bridge Quarterly Communication Committee (FDMQCC)
- Email notification subscriptions
- Project Website:
 - www.newfrederickdouglassbridge.com
- Project Hotline Number:
 - 202-299-2189
- Project Social Media:
 - Twitter, Facebook and Instagram
 - @newfdmb



CONSTRUCTION MANAGEMENT TRAINING PROGRAM

- Program Overview:
 - Training and Certifications in Concrete, Asphalt and Soils Testing, Flagging and Safety Training
 - Led by knowledgeable and skilled Construction Management professionals
 - Designed to provide skills and accredited certifications that are transferable throughout the construction industry
- Class begins: Tuesday, September 25 and ends Thursday, November 1, 2018
- Graduation Ceremony: Thursday, November 15, 2018
- 2019 CM Program to commence in Spring

Jameka White, a Ward 8 resident and participant in the on-the-job training program, is excited to pass on her knowledge and experience.



CM PROGRAM UPDATES

70% of this year's class participants are also Ward 8 residents



- Class Participants

- Mr. Arsjohnne Briscoe, Ward 1
- Ms. Delisa Bryant, Ward 8
- Mr. Anthony Cutchin, Ward 8
- Mr. Rico Gholson, Ward 8
- Mr. Jordan Johnson, Ward 7
- Mr. Darwin Jones, Ward 8
- Mr. Steven Pinkett, Ward 8
- Mr. Antjuan Smith, Ward 8
- Mr. Delonte Spriggs, Ward 8
- Mr. Layton Williams, Ward 6
- Mr. Davonte Mitchell, Ward 8
- Mr. Keith Walker, Ward 6
- Mr. Andrew O'Brien, Ward 8

NEW FREDERICK DOUGLASS MEMORIAL BRIDGE



For up to date traffic
alerts and more
information, follow us
on social media at
@newfdmb on
Facebook, Twitter and
Instagram.

QUESTIONS?

FOR MORE INFORMATION

www.newfrederickdouglassbridge.com
info@newfrederickdouglassbridge.com