



# THE NEW FREDERICK DOUGLASS MEMORIAL BRIDGE



## WARD 6 PROJECT UPDATE MEETING

September 26, 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 and Granite Construction
- Dan Horvath – Deputy 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:

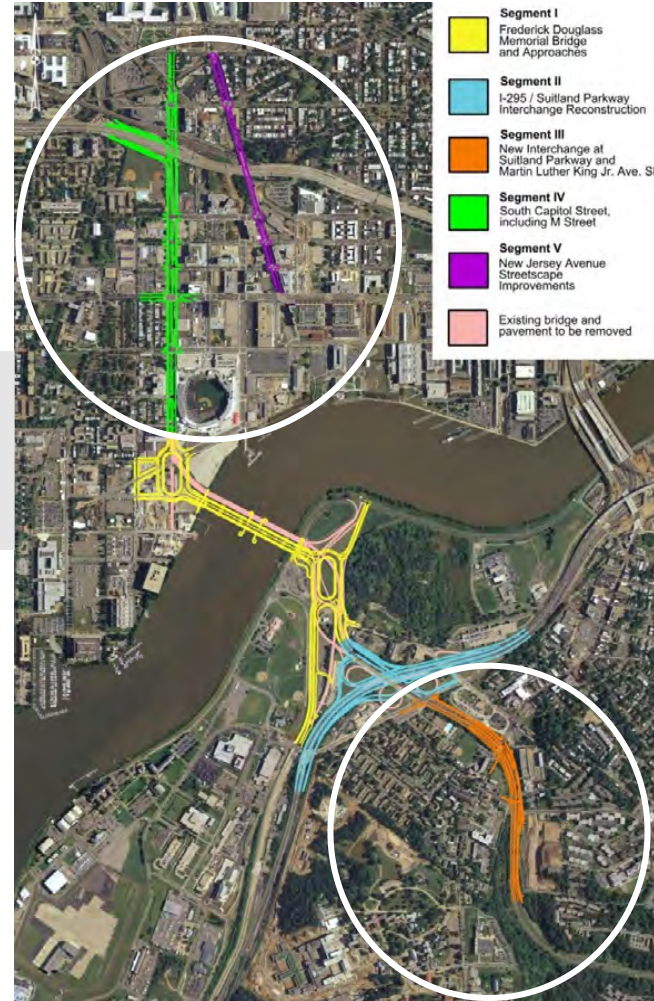
- **Segment I** – New Frederick Douglass Memorial Bridge and approaches
- **Segment II** – I-295 / Suitland Parkway, SE interchange reconstruction



# 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





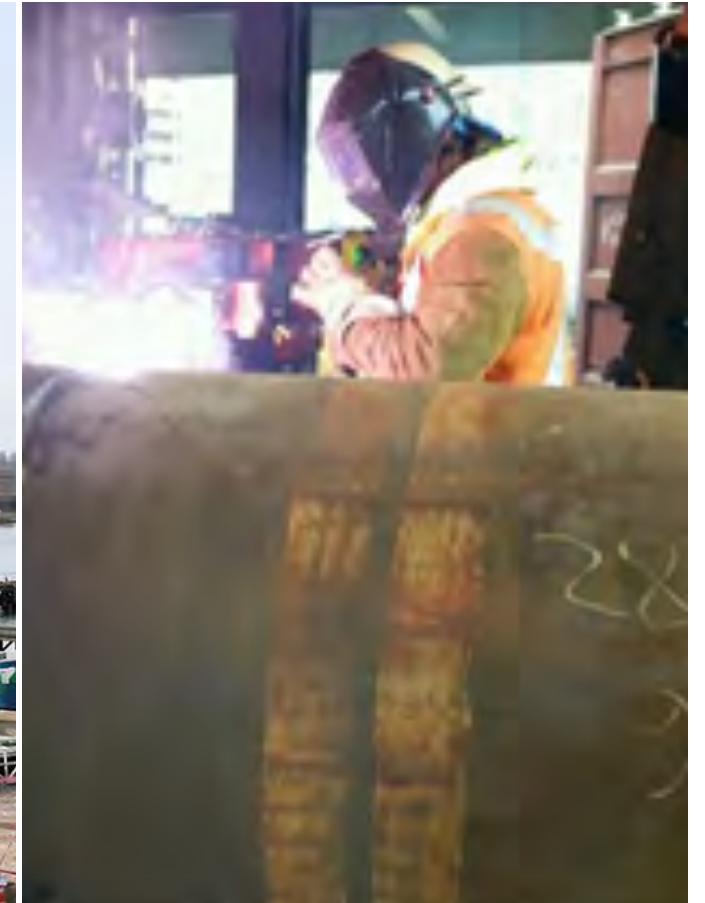
# WEST OVAL





# PROJECT UPDATE – ONGOING WORK

## Pile Driving and Trestle Assembly



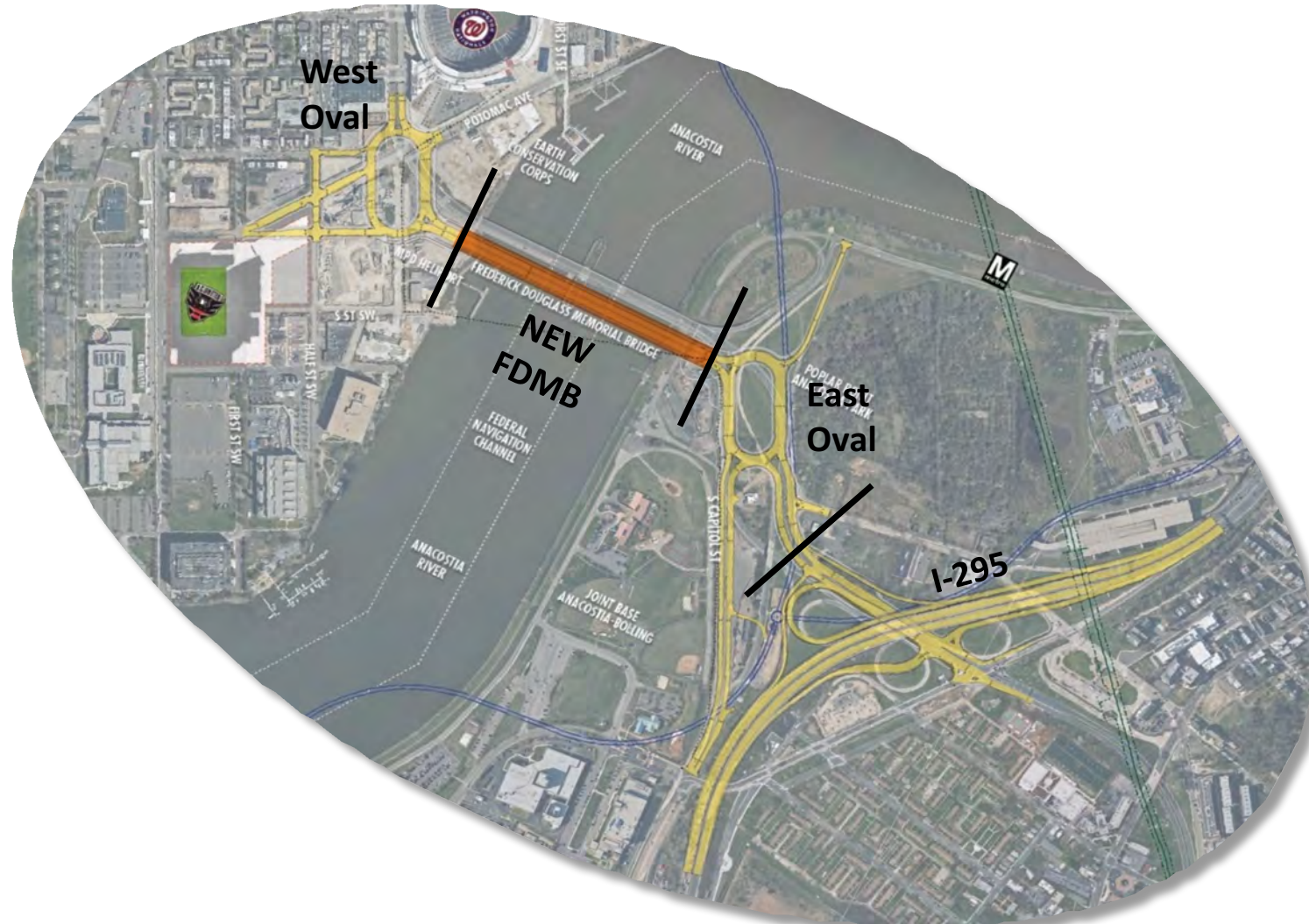


# TODAY ON THE ANACOSITA RIVER



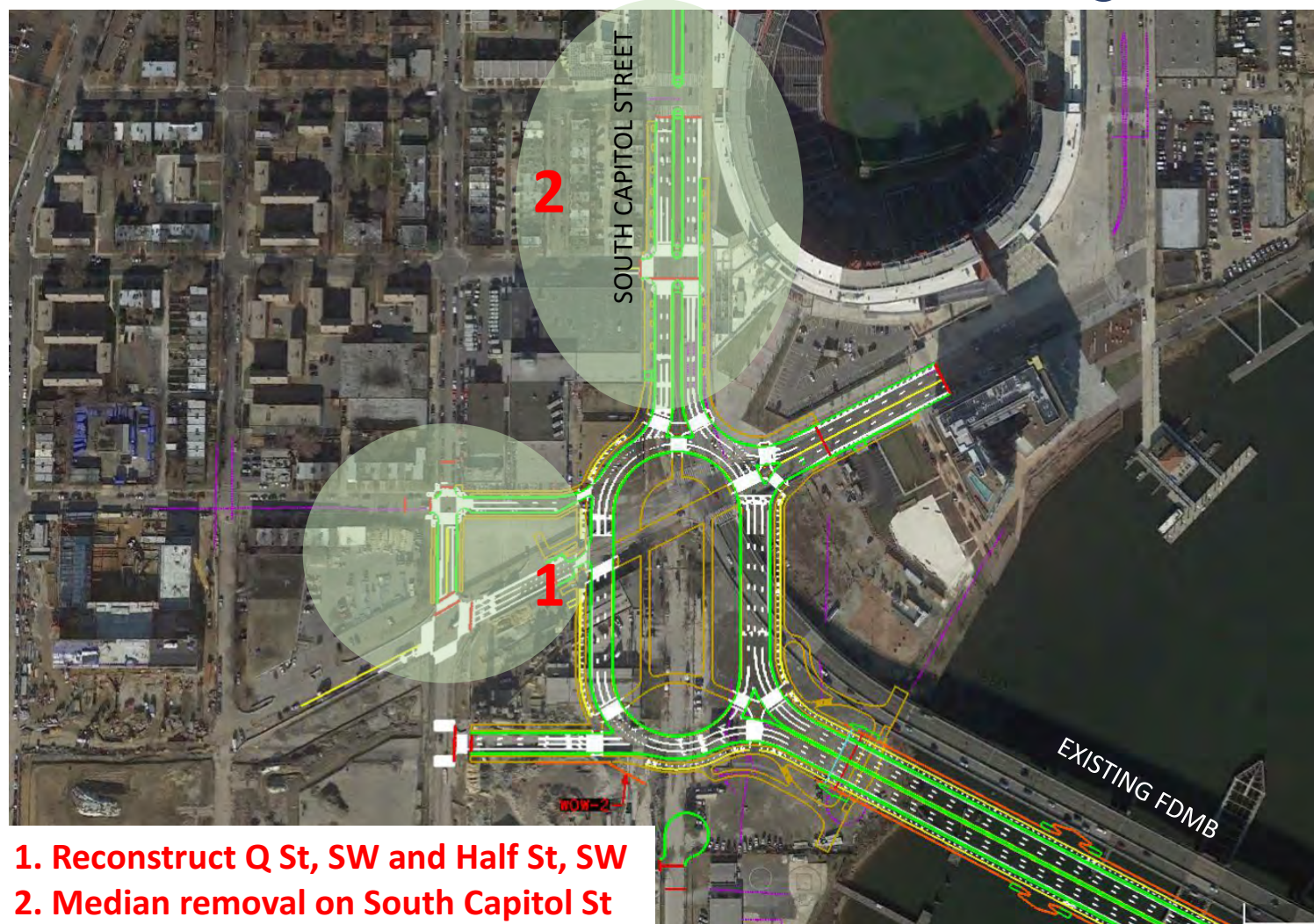


# SOUTH CAPITOL STREET CORRIDOR PROJECT (FALL/WINTER 2018)





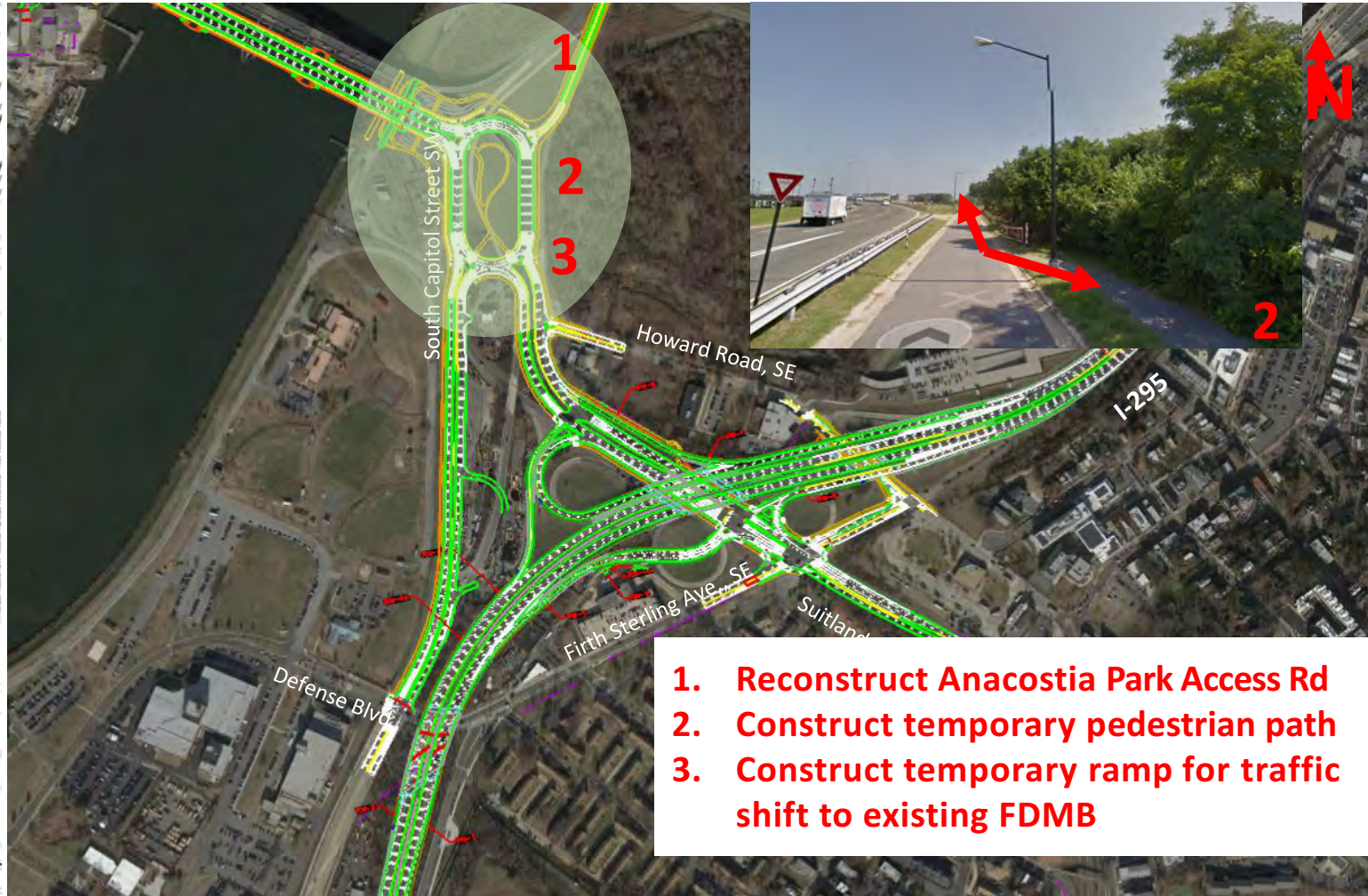
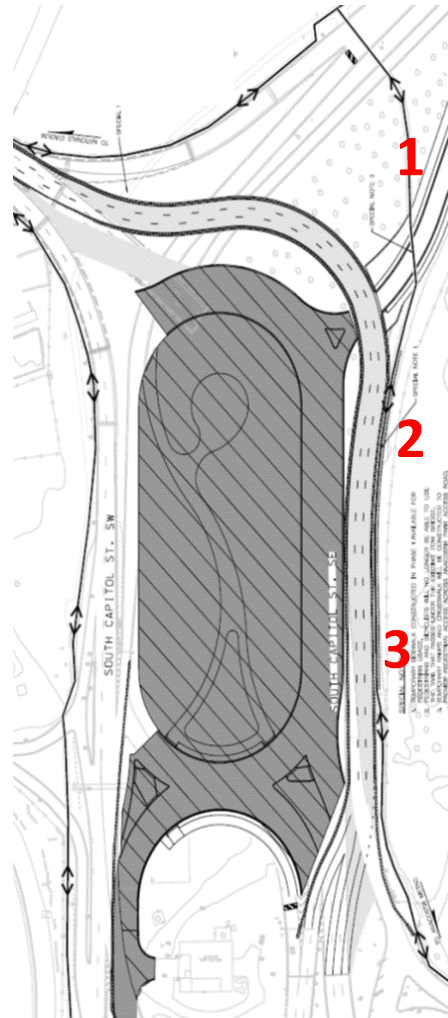
# WEST OVAL



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



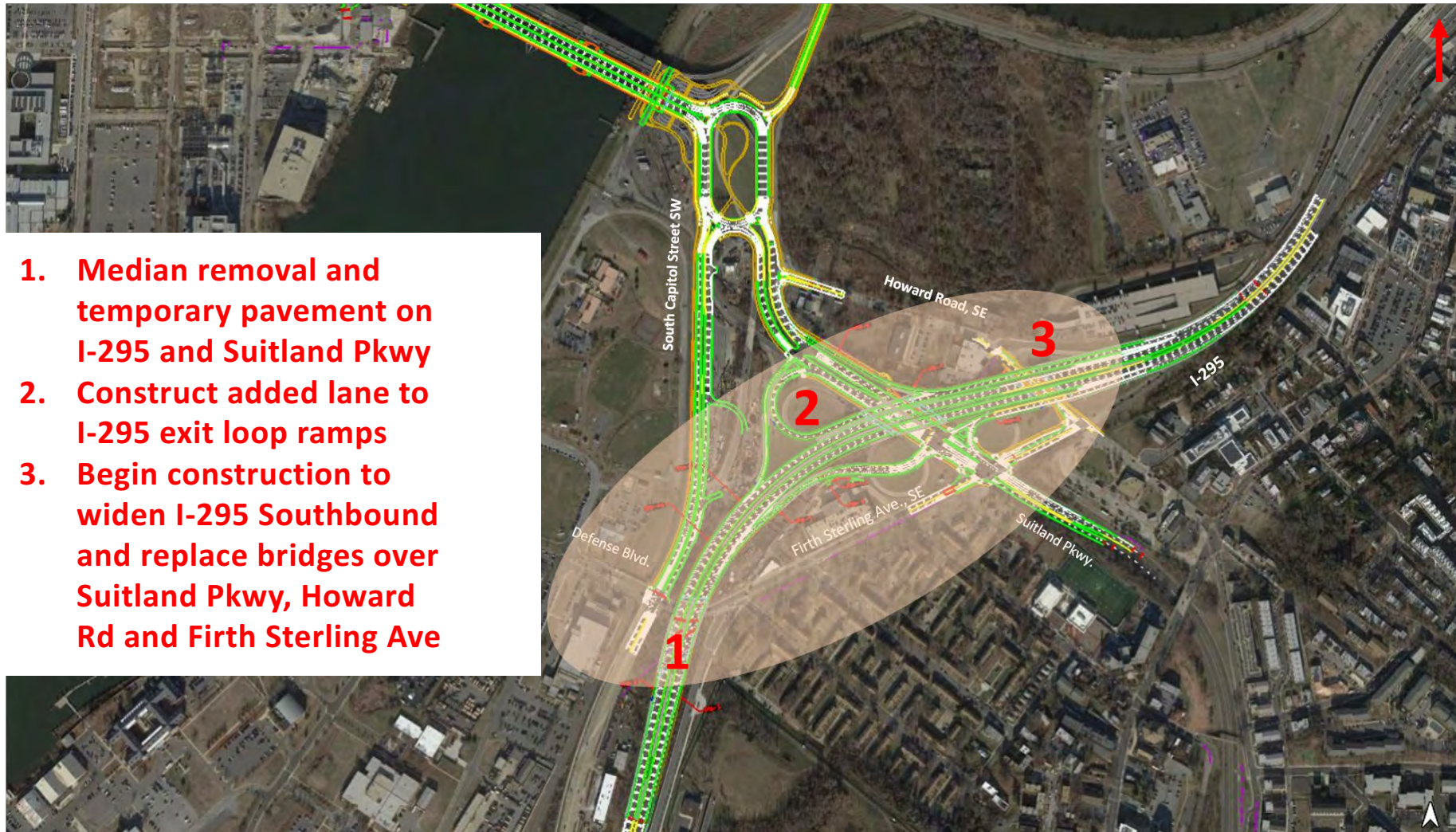
# EAST OVAL



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



# I-295



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

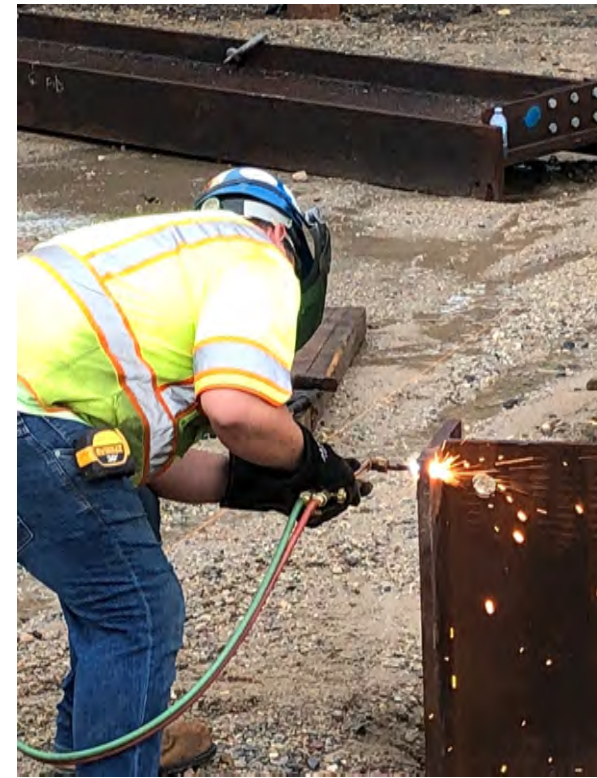
- Howard University info session – 9/25/2018
- SCB Job Fair - December 2018
- Other Employment Outreach
  - DOES and DC Infrastructure Academy
  - ANC and community meetings
  - Social media
  - [www.southcapbridgeproject.com](http://www.southcapbridgeproject.com)
- Recent Events
  - SCB Summer Job Fair - 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

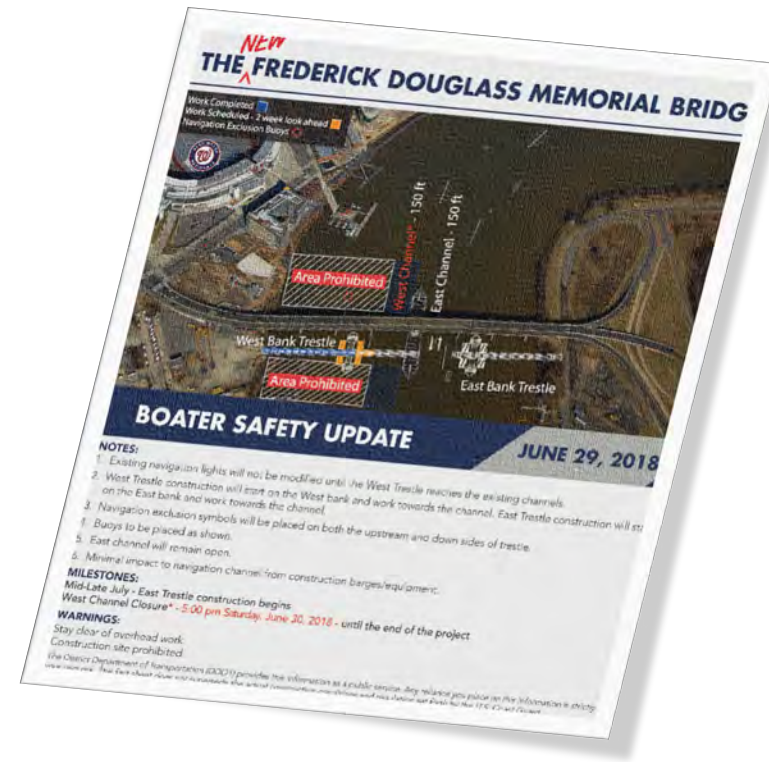
[www.choiceworks.org](http://www.choiceworks.org)





# COMMUNITY OUTREACH

- ANC and community meeting attendance
- Frederick Douglass Memorial Bridge Quarterly Communication Committee (FDMQCC)
- Email notification subscriptions
- Project Website:
  - [www.newfrederickdouglassbridge.com](http://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

*"I am getting ready to become a part of a whole new landscape, and that is so exciting to me. I'm going to give it my all—nothing can stop me!"*  
**- Ms. Delisa Bryant, Ward 8 Resident**



*Thirteen District residents began the program  
Tuesday, September 25, 2018.*



# 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](http://www.newfrederickdouglassbridge.com)

[info@newfrederickdouglassbridge.com](mailto:info@newfrederickdouglassbridge.com)