



DESIGN AND CONSTRUCTION OPPORTUNITIES INFORMATION SESSION



February 19, 2014

Welcome!



- ▶ **Greetings: Nick Nicholson, DDOT Deputy Director and Chief Engineer**
- ▶ **Agenda:**
 - ▶ **DC Streetcar Design, Build, Operate and Maintain (DBOM) Integrated Premium Transit System**
 - ▶ **Anacostia Waterfront Initiative (AWI) South Capitol Street Corridor Design-Build**
 - ▶ **St. Elizabeths East Campus Infrastructure Design-Build**
 - ▶ **DDOT Power Line Undergrounding**
 - ▶ **Rules of the Road**
 - ▶ **Question and Answer**



DC Streetcar Design, Build, Operate and Maintain (DBOM) Integrated Premium Transit System



***DC STREETCAR: DESIGN,
BUILD, OPERATE AND
MAINTAIN AN INTEGRATED
PREMIUM TRANSIT SYSTEM
FOR THE DISTRICT OF
COLUMBIA***



Presented by:
Errol Williams, DC Streetcar Project Engineer
District Department of Transportation

Program Overview

- Integrated Premium Transit combines streetcar and bus services within the District
- The *purpose* of IPT is to address transportation needs and support economic development
- DDOT is seeking to *access private-sector innovation* by delivering IPT via a DBOM Contract and Pre-Development Agreement (PDA)



Program Overview

Integrated Premium Transit combines streetcar and bus services within the District.

- Streetcar: 22-mile Priority System, a sub-set of a larger planned 37-mile system
- Bus:
 - DC Circulator services
 - Potential expansion to include other non-regional bus services



Program Overview

22-Mile Priority Streetcar System

One City Line (Georgetown Waterfront to Benning Road)

1A – Union Station to Georgetown

1B - H/Benning

1C – Benning Extension

M Street SE/SW to Anacostia Line

2A – Anacostia SE/SW (M Street)

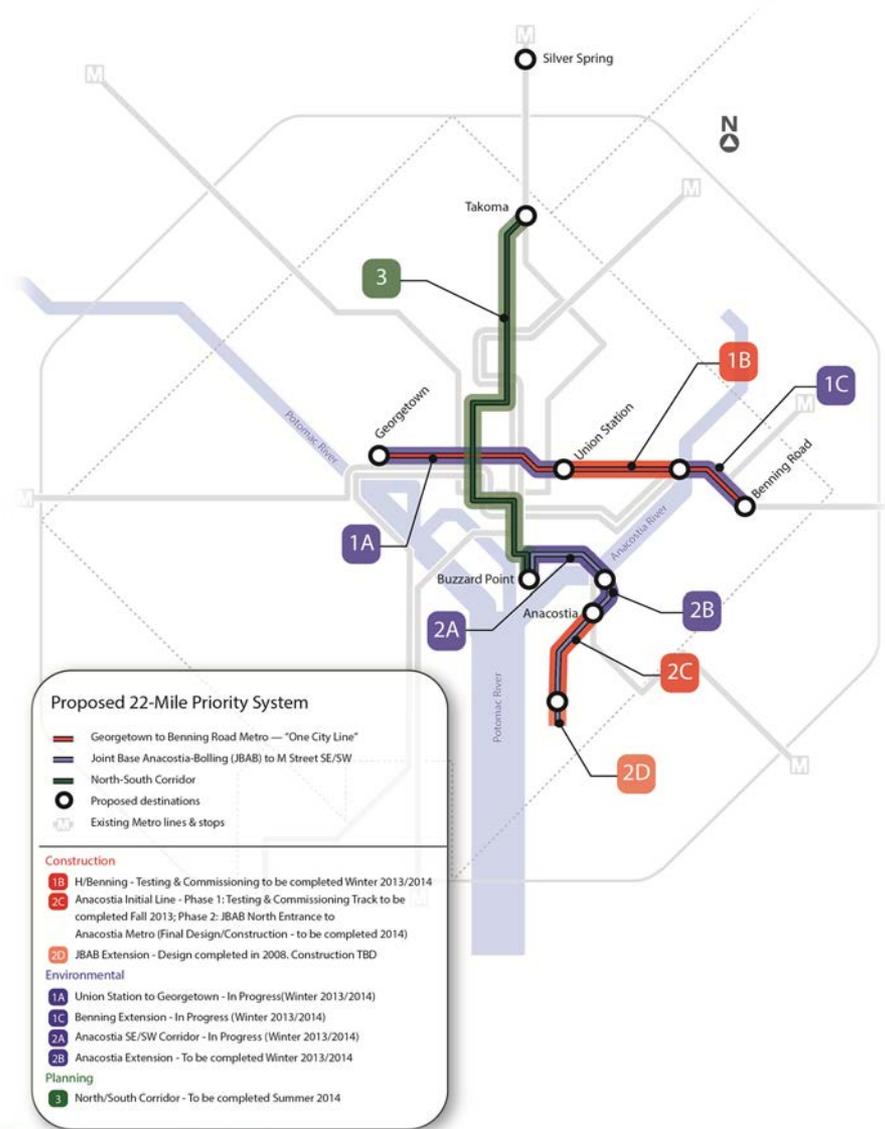
2B - Anacostia Extension

2C – Anacostia Initial Line

2D – JBAB Extension

North/ South Line (Buzzard Point to Takoma/Silver Spring)

3 – North/South Corridor



Program Overview

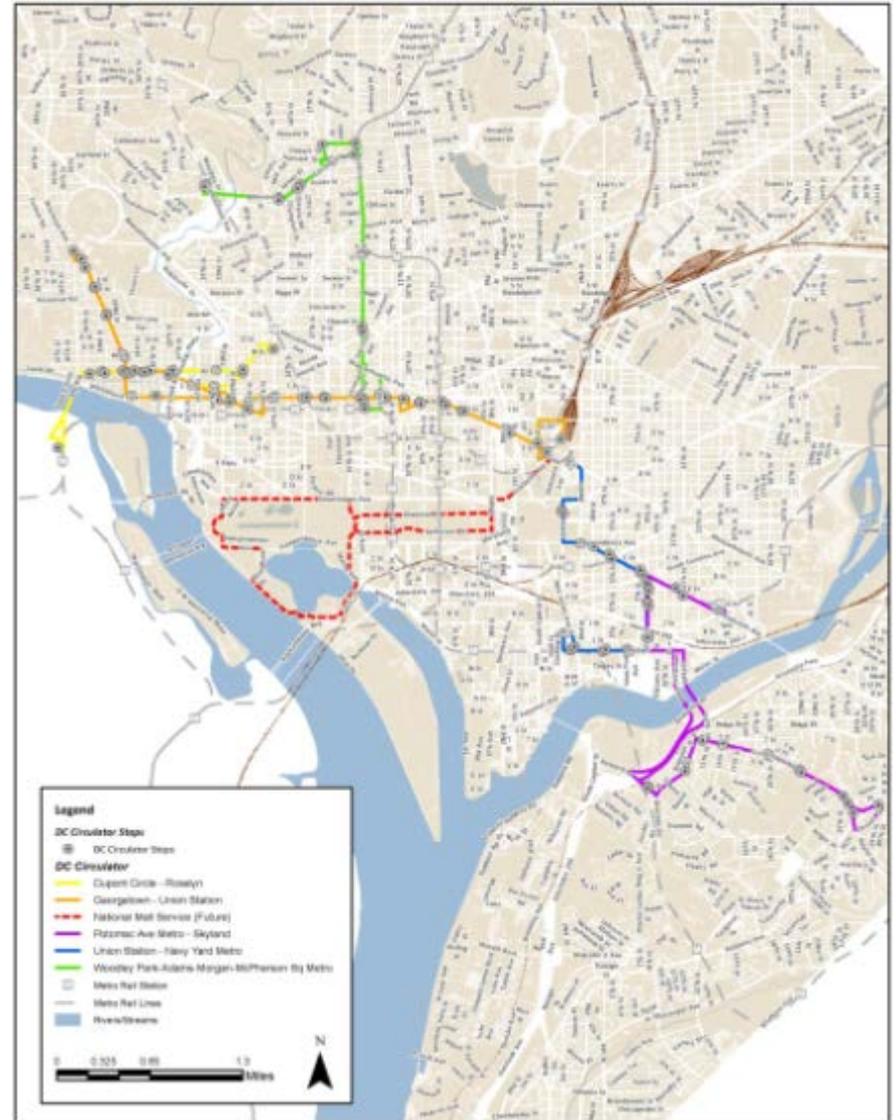
Local Bus Services

DC Circulator

- 6 current routes (map at right)
- Future planned expansion

Non-regional Services

- 20+ potential routes
- Service currently provided by Washington Metropolitan Area Transit Authority (WMATA)
- Integration/Optimization with streetcar and DC Circulator brand



IPT Project Schedule

EVENT	DATE
IPT Request for Qualifications (RFQ) issued	January 31, 2014
Pre-SOQ Workshop	February 18, 2014 1:30 p.m.
Deadline for questions and requests for clarification relating to the RFQ	March 7, 2014 2:00 p.m. (local time)
Deadline for issuance of last RFQ addendum	March 17, 2014
SOQ Due Date	March 31, 2014 2:00 p.m. (local time)
Anticipated announcement of Shortlisted Responding Teams	May 6, 2014
Issue Draft RFP for Industry Review	May 6, 2014

IPT Project Status

The District is utilizing a two stage RFQ/RFP process:

- DC Streetcar IPT RFP released January 31, 2014
 - DDOT will shortlist up to four qualified teams to receive and respond to the RFP
 - Industry review process utilized with shortlisted teams
 - Final RFP issued
 - DDOT at its discretion may select a preferred team
- 

IPT Project Opportunities

- Goals for small business inclusion are being analyzed to maximize opportunities across design-build-operate-maintain areas of program
- Potential areas of opportunities for business and employment
 - Businesses
 - Engineering Design
 - Construction
 - Professional Services
 - Supplier
 - Employment/Workforce/Labor
 - Electricians
 - Heavy Equipment Operator
 - Structural Steel
 - Laborer
 - Masonry
 - Welder

Stay Connected!

For more details and updates, please go to . . .

www.dcstreetcar.com

For IPT program questions:

Thomas Perry, DC Streetcar Program Manager

Thomas.perry@dc.gov

For IPT RFQ questions:

William “Pete” Teague

William.teague@dc.gov



Anacostia Waterfront Initiative (AWI) South Capitol Street Corridor Design-Build



South Capitol Street Corridor

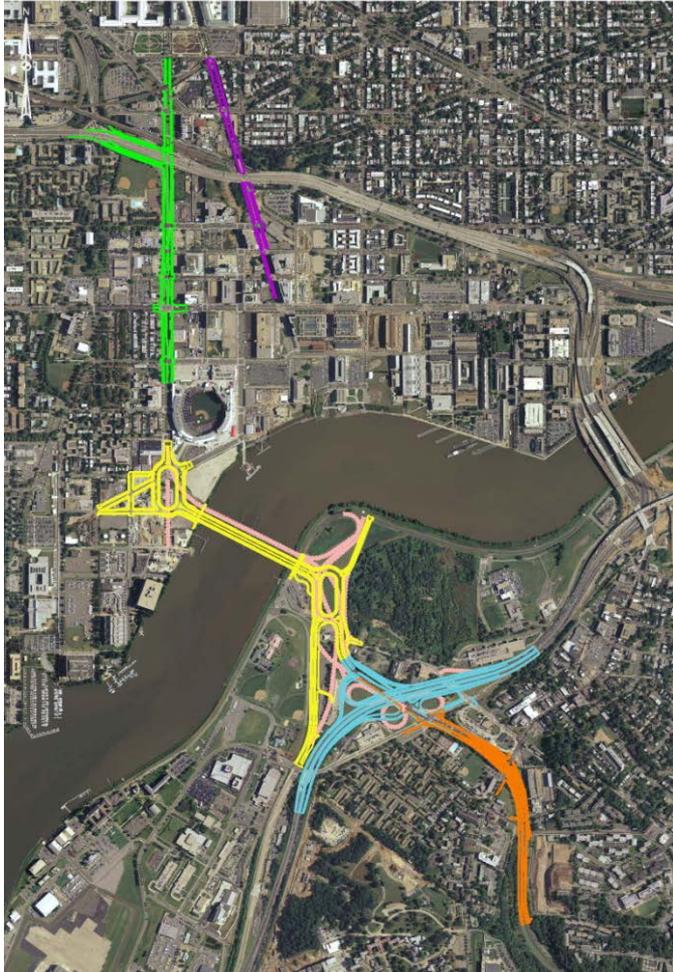
d.

Sanjay Kumar, P.E.
DDOT AWI Program Manager
Sanjay.Kumar@dc.gov
(202) 741-5356

South Capitol Street Improvements

Phase 1 = \$608 Million (Segments 1, 2 and demolition)

Phase 2 = \$300 Million (Segments 3/4/5)



Phase 1



Segment 1 - Frederick Douglass Memorial Bridge and Approaches



Segment 2 - I-295/Suitland Parkway Interchange Reconstruction



Existing bridge and pavement to be removed

Phase 2



Segment 3 - New Interchange at Suitland Parkway/Martin Luther King, Jr. Avenue SE



Segment 4 - South Capitol Street including M Street



Segment 5 - New Jersey Avenue Streetscape Improvements

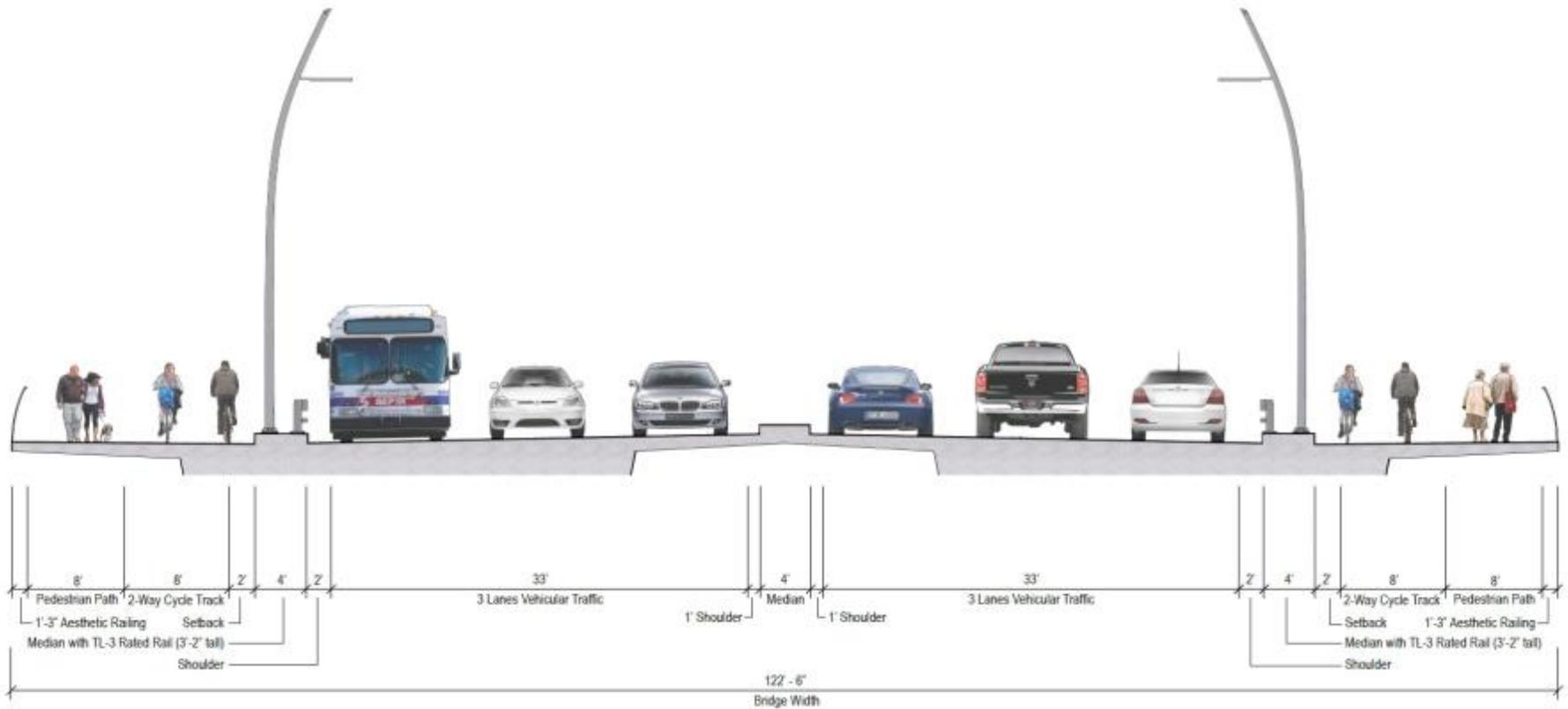
Traffic Oval West of Bridge



New Frederick Douglass Memorial Bridge



New Bridge Typical Section



East Oval and I-295 Interchange



Phase 1 Project Schedule

(Segments 1 and 2)

- Statement Of Qualifications Received August 1, 2013
- Notification of Short List January 31, 2014
- Issue Request for Proposals 1st Quarter 2014
- Receive Technical Proposals 3rd Quarter 2014
- Select Design-Build Team 4th Quarter 2014
- Notice to Proceed 1st Quarter 2015
- Final Completion 4th Quarter 2018

Short-Listed Teams – Major Participants

- Frederick Douglass Bridge Partners
 - Tutor Perini/T.Y. Lin/Stantec
 - Skanska Facchina
 - Skanska/Facchina/Parsons Transportation
 - South Capitol Constructors
 - Kiewit/Corman/URS
 - South Capitol Bridge Builders
 - Archer Western/Granite/AECOM
- 

Project Opportunities

- Multiple opportunities for DBE participation in the design-build project delivery:
 - Businesses
 - Survey and Investigation
 - Engineering Design
 - Utility Design and Relocation
 - Roadway and Bridge Construction
 - Quality Control / Quality Assurance
 - Supportive Services
 - Employment/Workforce/Labor
 - Design Engineers and Technicians
 - Construction Inspectors
 - Electricians
 - Heavy Equipment Operator
 - Survey
 - Structural Steel
 - Laborer
 - Masonry
 - Welder
 - Traffic Control

Disadvantage Business Enterprise (DBE) Goals

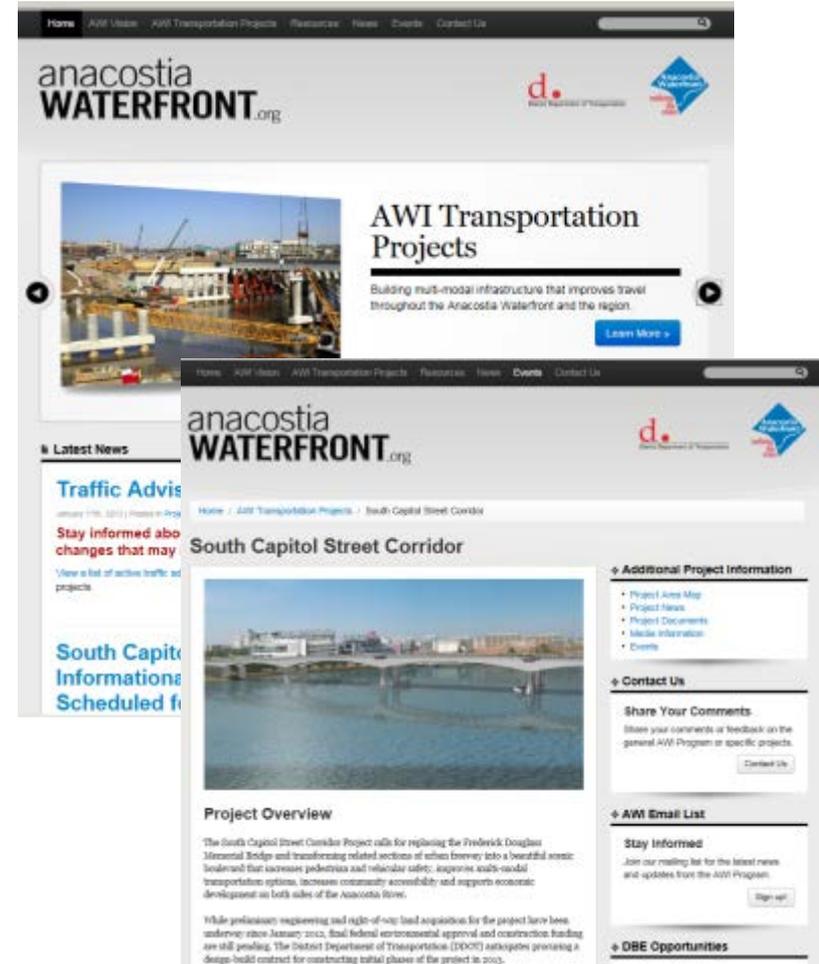
- DBE goals for the total design/construction contract are:
 - 20% Design
 - 12% Construction
- DBE plan will be submitted by the design-build contractor and approved by DDOT
- DBE goals will be monitored by DDOT
- For DBE Certification questions contact:

Office of Civil Rights:

Luisa Portillo
(202) 671-0630

More Information

- For more information, visit www.anacostiawaterfront.org/SouthCapitolStreetCorridor
- To receive project updates, ask questions or comment:
 - Sign up for the project email list
 - Email: ddot.awi@dc.gov
 - Call: 202-741-8528





St. Elizabeths East Campus Infrastructure Design-Build



ST. ELIZABETHS EAST CAMPUS

*Stage I – Infrastructure &
Utility Improvements*

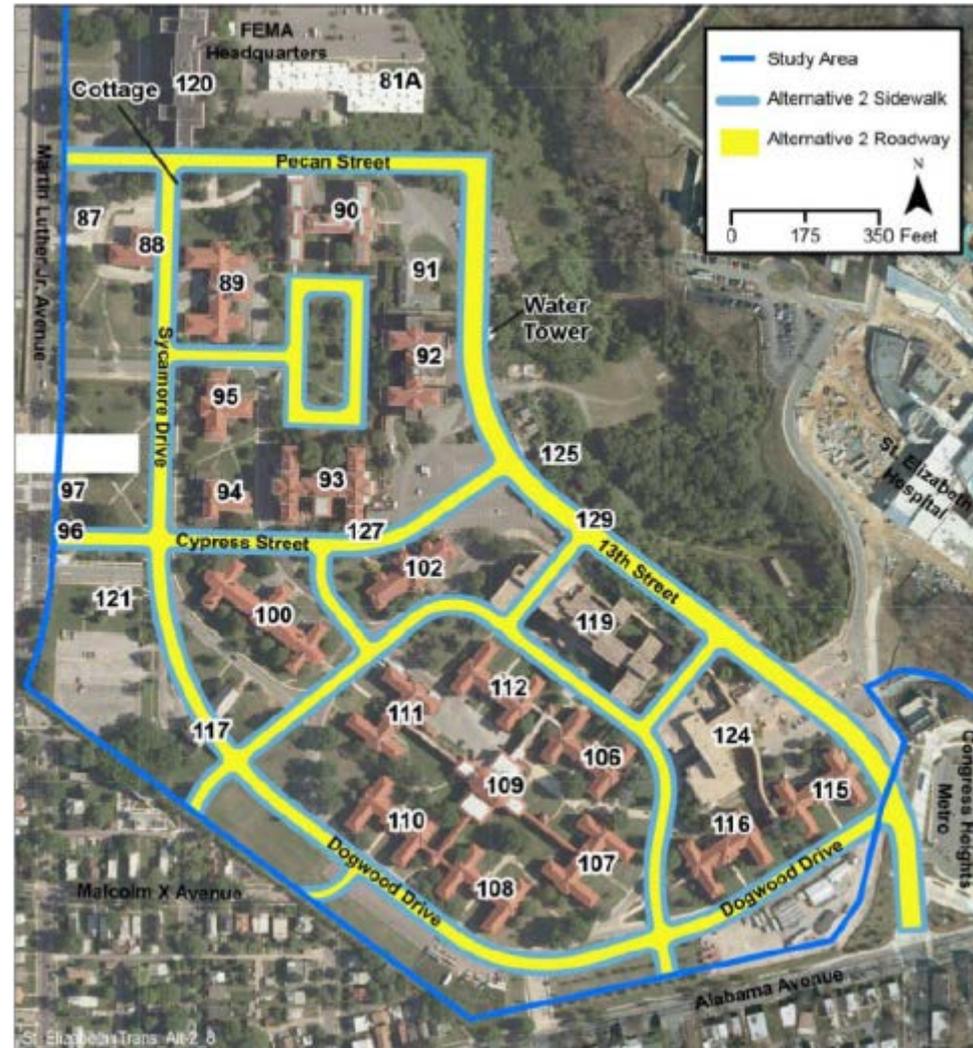


Dawit Muluneh, PE
District Department of Transportation
Infrastructure Project Management Administration

February 19, 2014

Project Overview

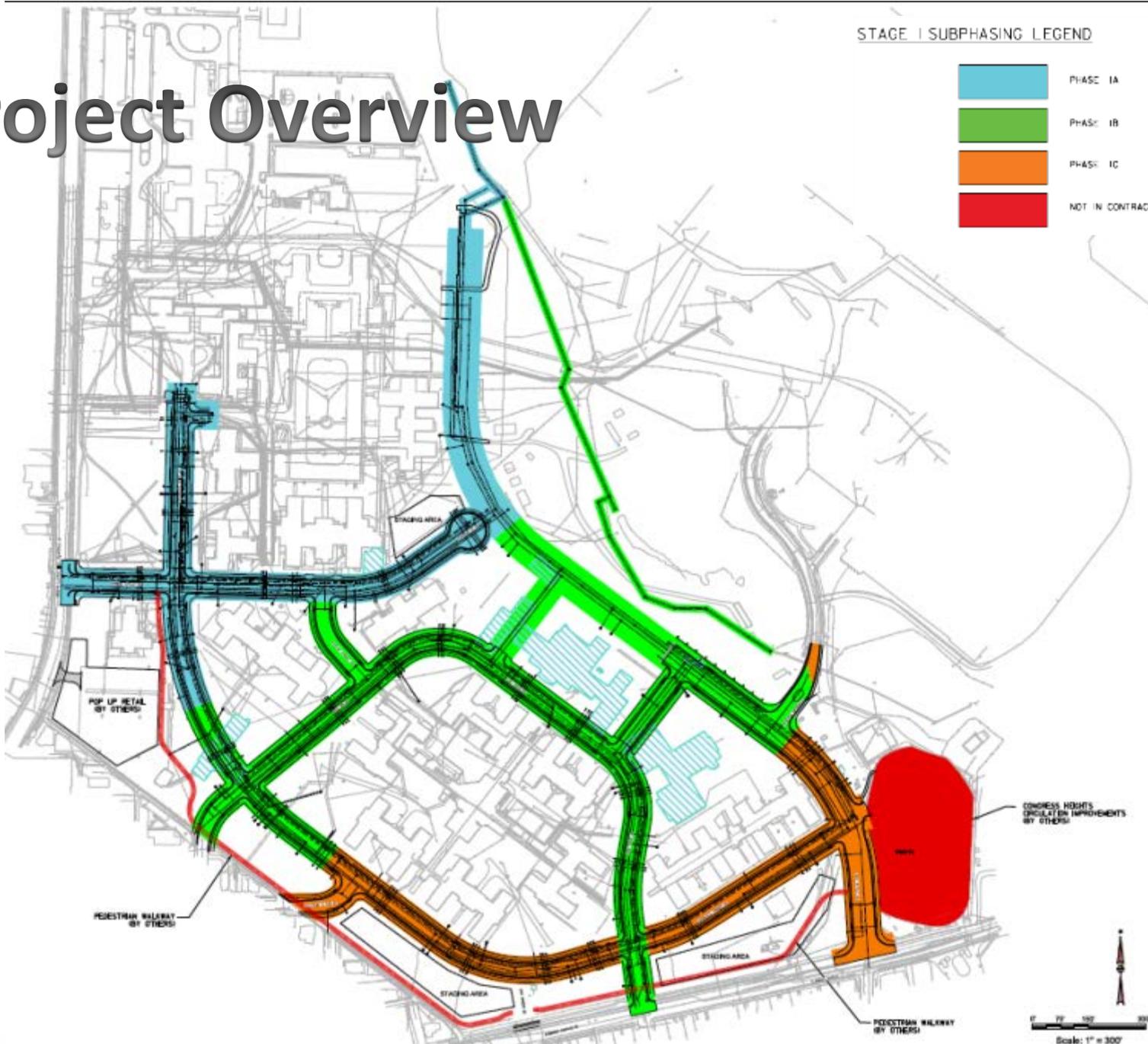
- Historical site for mental health institution from 19th century
- Project site from 13th Street, SE to Pecan Street, SE
- The largest (183 acres, 5 million square feet) mixed-use development project in Washington D.C.
- Planned 2-staged infrastructure improvement
- Total length of project (Stage 1): 2.26 miles



Project Overview

STAGE I SUBPHASING LEGEND

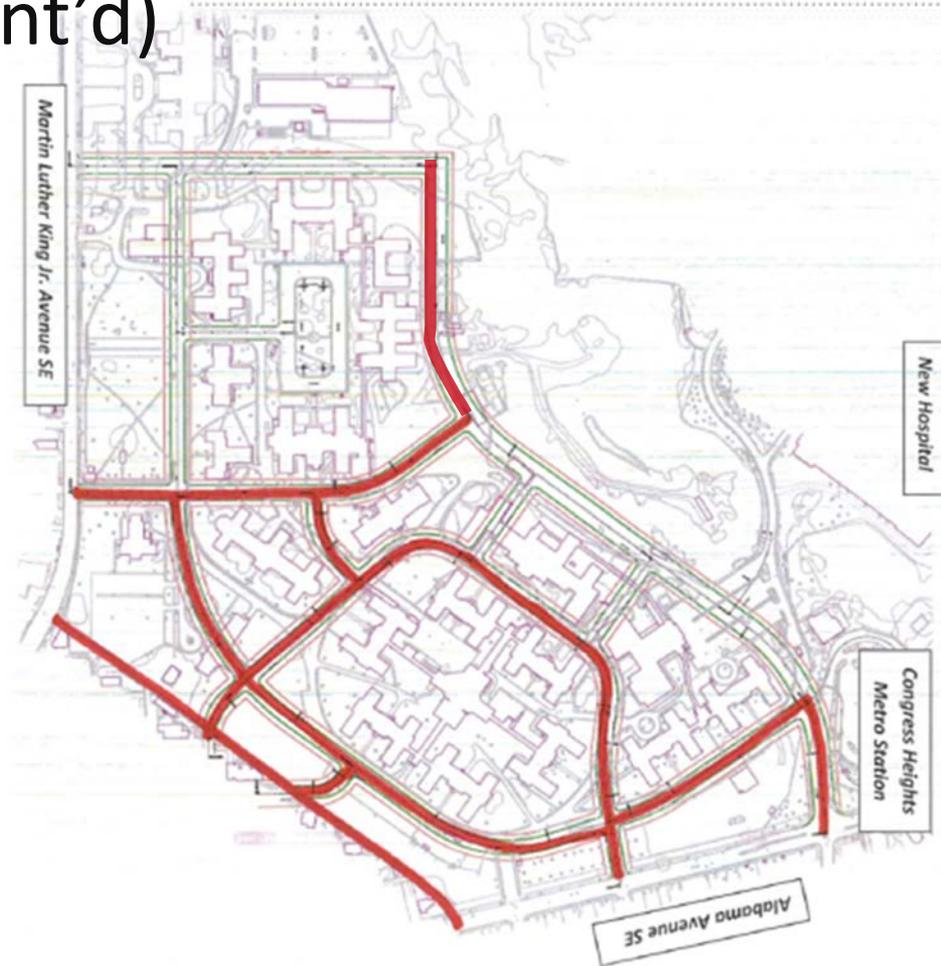
- PHASE IA
- PHASE IB
- PHASE IC
- NOT IN CONTRACT



Project Overview (cont'd)

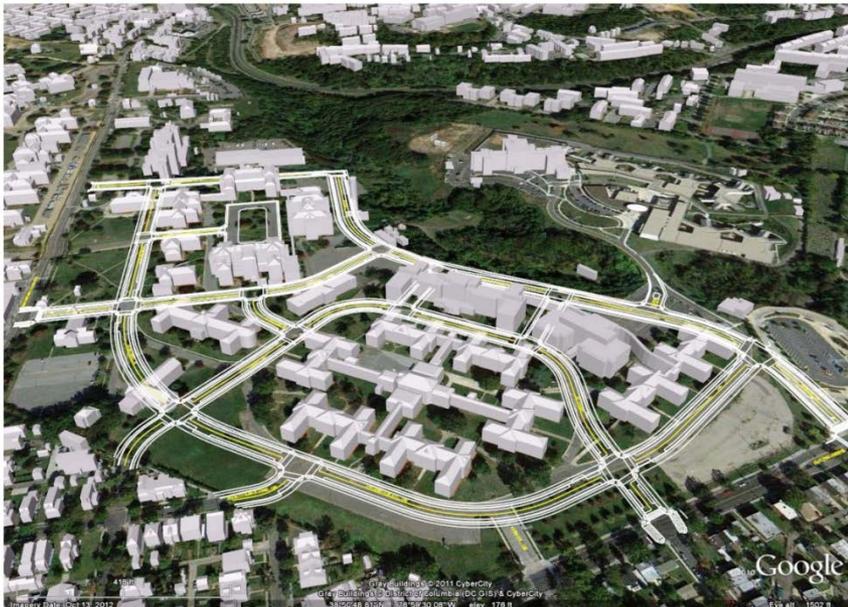
Stage I- Infrastructure and Utility improvements

- The Plan: Upgrade an urban local roadway and utility infrastructure (Design-Build project delivery)
- The Budget: Locally funded, \$58 Million (for design, construction, management)
- Project CBE goal: Minimum 35% participation



Previous Work Completed

- Preliminary Roadways Plans
- Environmental Assessment (EA) & Finding of No Significant Impact (FONSI) (June 2012)
- Existing Infrastructure Condition Review Report (Jan 2012)



Project Opportunities

- Design Build(DB) Contract: 3 shortlisted DB teams selected through RFQ
 - Lane Construction/STV
 - Corman Construction/AMT
 - Fort Meyer Construction/Parsons Brinkerhoff
- Opportunities under the above contract includes but not limited to:
 - Engineering Design and Construction on roadways, utilities, sidewalk and bike-lanes, signage, pavement, stormwater, drainage, LID
 - Geotechnical and Environmental work
 - Concrete & Asphalt placement
 - Demolition
 - Survey
 - Hazardous Material control
 - Erosion & Sediment control
 - Maintenance of Traffic
 - Traffic Signal, Street Lighting
 - Public Outreach and Involvement

Project Opportunities

Construction Management (CM)

- Project Management during Design and Construction
- Engineering Design Review
- Shop and Working Drawing Review
- Scheduling/Scheduling review
- Construction Material QA/QC, Inspections
- Surveying
- Miscellaneous

Project Status

- Request For Qualifications (RFQ) for Design Build (DB) contract released (August 2012)
- Three DB teams shortlisted from RFQ (September 2013)
- Draft Request for Proposals (RFP) to be released in March 2014
- Final RFP to be released Early Summer 2014
- Anticipated DB Contract Award by Winter 2014
- RFP for CM services to be released Spring 2014

DDOT Contacts

Huntae Kim /DDOT IPMA / huntae.kim@dc.gov

General project information (Project History & Vision)

<http://www.stelizabethseast.com/>





Power Line Undergrounding



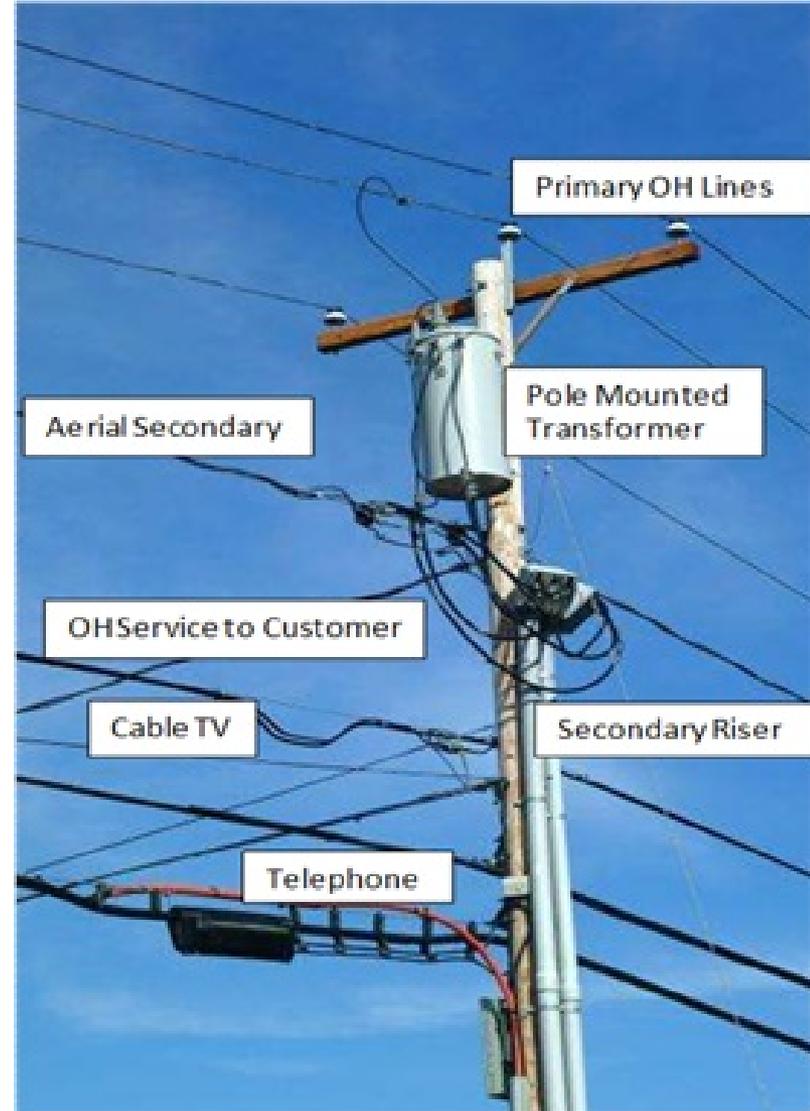
***POWER LINE
UNDERGROUNDING
PROJECT***



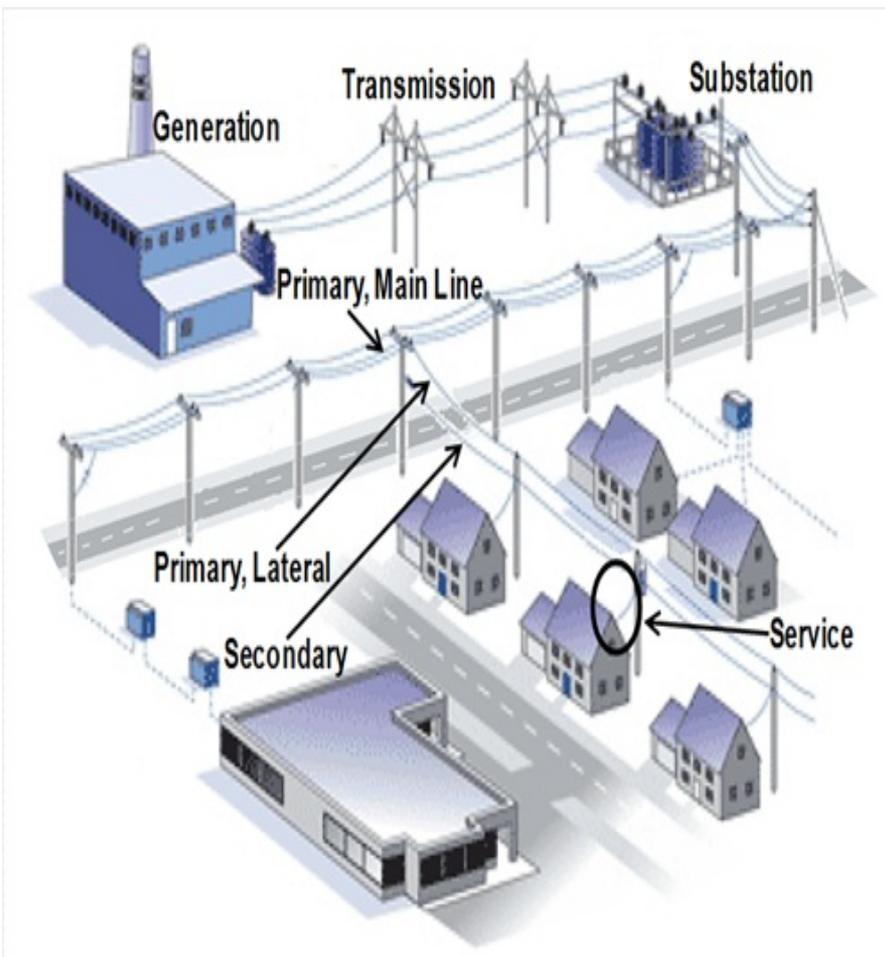
Keith Foxx, PE
DDOT - Infrastructure Project Management Administration
2/19/2014

Project Overview

- The Scope: DDOT/Pepeco partnership to construct the underground infrastructure for primary power lines (conduits and manholes)
- The Purpose: To provide “reliability” for the District’s power needs.
- The Goal: To underground 60 primary feeders throughout 5 wards in the District.



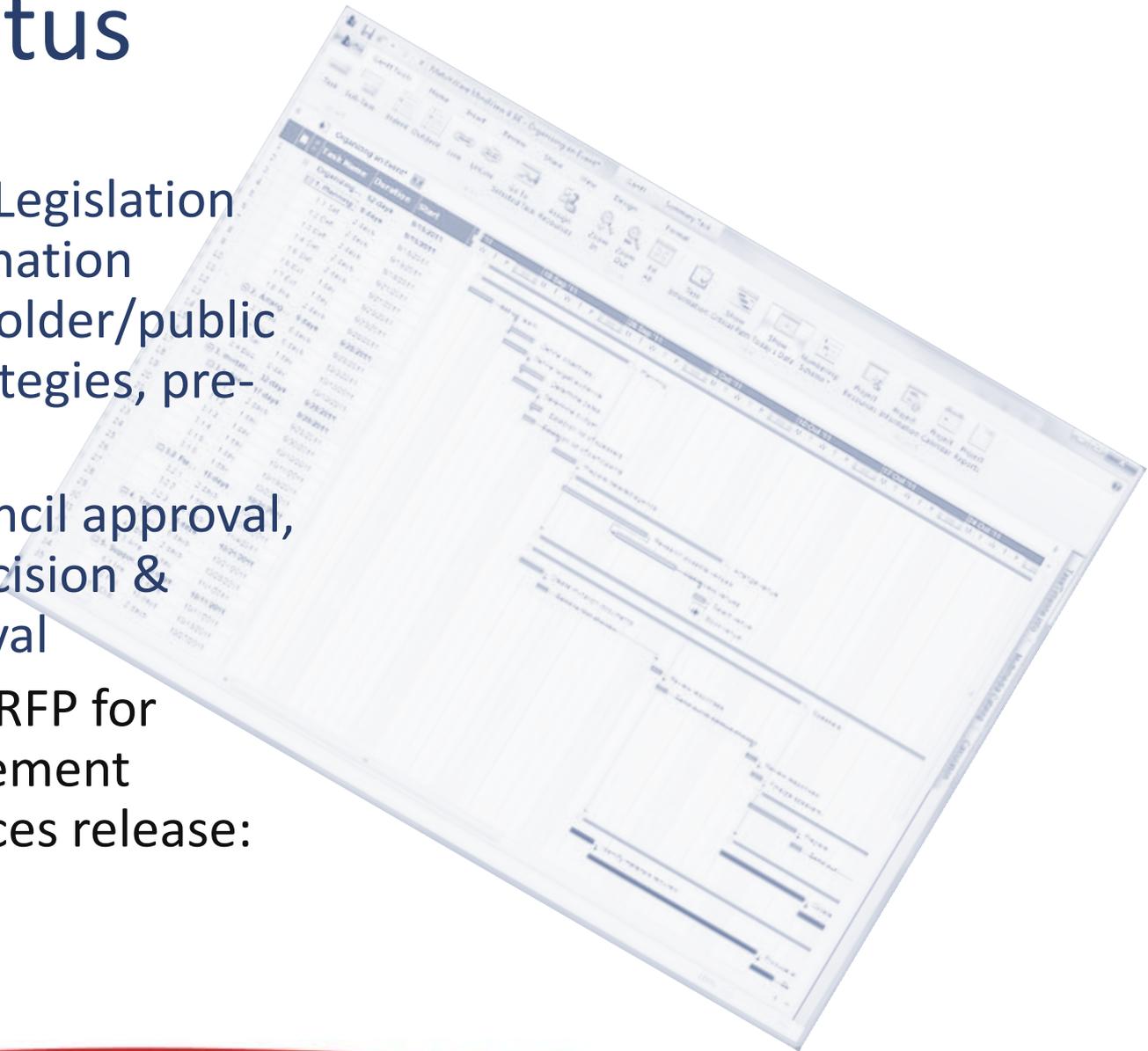
Project Overview (con't)



- The Plan: To underground 10 feeders per year over 6 years (includes design & construction)
- The Budget: \$1 billion - (*\$500M Pepco, \$375M District bonds, \$125M DDOT*)
- CBE Goal: In line with current District CBE goals and First Source laws

Project Status

- Planning Stage: Legislation approval, coordination activities, stakeholder/public involvement strategies, pre-engineering
- Legislation: Council approval, Mayor Gray's decision & Congress' approval
- Projected DDOT RFP for Program Management Consultant services release: Early Summer



Project Opportunities

- Opportunities through DDOT



Project Opportunities (con't)

- Opportunities through DDOT & PEPCO
 - Construction

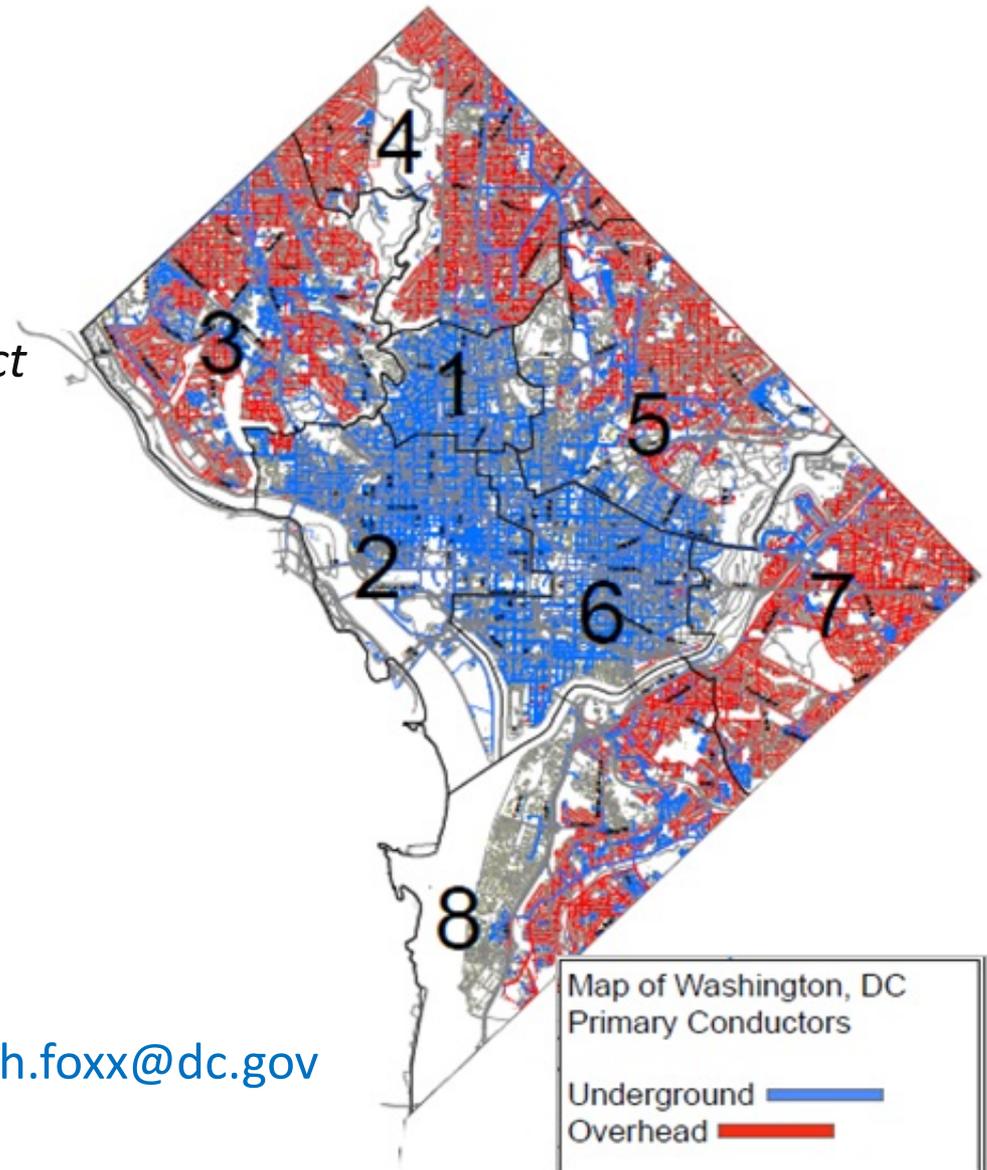


- Superintendent
- Foreman
- Inspectors
- Backhoe Operators
- Laborers
- Dump truck drivers
- Certified Electricians
- Flagger
- Concrete Finishers
- Form Setters

Next Steps

- Approval of Bill 20-387 ,
*“Electric Company
Infrastructure Improvement Act
of 2013”*
- DDOT/Pepeco joint Project
Information session
- DDOT Release of Request For
Proposals (RFP) for Program
Management Consultant
services
- Construction anticipated by
Early 2015

Contact Info: Keith Foxx, P.E., keith.foxx@dc.gov





Rules of the Road



RULES OF THE ROAD:
CERTIFIED AND
DISADVANTAGED
BUSINESS ENTERPRISE
PARTICIPATION

d.

Presented by: DDOT Office of Civil Rights
Lisa Gregory, Chief
Mohammed Kabir, Sr. EO Local and Federal Compliance Officer
Linda Fennell, DBE Supportive Services/OJT Compliance
and Supportive Services Manager

Office of Civil Rights

The Office of Civil Rights (OCR) administers compliance programs and policies related to Civil Rights for the District Department of Transportation.

- Sets DBE goals on Federal- DDOT projects
 - All Locally funded projects are 35% CBE goal
 - Conducts monitoring on federally funded transportation projects (***49 CFR Part 26***);
 - Assures compliance by contractors for federal EEO requirements (***23 CFR Part 230***);
- 

Overview

CBE and DBE Common Goals:

- ✓ To encourage participation;
 - ✓ Connect firms to opportunities;
 - ✓ Support small businesses through capacity and capability development.
- 

CBE Program: District of Columbia Small Business Program

Certified Business Enterprise (CBE):

- Certification evaluated and processed by the District's Department of Small and Local Business Development (DSLBD)
 - Applicable to projects funded by the District government
 - Provides contracting preference for businesses who have their principal office *physically* located in the District of Columbia
 - Over 1,000 CBE firms in the database
 - Services range from Construction, Goods & Equipment, Professional Services, Manufacturing
- 

DBE Program: Federal Small Business Program 49 CFR Part 26

Disadvantaged Business Enterprise (DBE):

- Certification evaluated as described by the US Department of Transportation Federal Highway Administration's (FHWA) 49 CFR Part 26
- Applicable to all federal-aid projects
- Promotes utilization of DBEs; and provides training and assistance to help DBEs compete in the market place
- Currently 1,200 DBE firms in the database
- Service primarily include areas dealing with the built infrastructure – highways, roads, bridges, sidewalks, etc.

Resources

CERTIFIED BUSINESS ENTERPRISE (CBE)

Department of Small and Local Business Development

Website: www.dslbd.dc.gov

Call: (202) 727-3900



DISADVANTAGED BUSINESS ENTERPRISE (DBE)

District Department of Transportation

Website: www.ddot.dc.gov

Call: 202-671-0630

Contact: Luisa Portillo

Email: Luisa.Portillo@dc.gov





RULES OF THE ROAD:
ON THE JOB TRAINING
(OJT), APPRENTICESHIP
AND DBE SUPPORTIVE
SERVICES

d.

Presented by: DDOT Office of Civil Rights
Lisa Gregory, Chief
Linda Fennell, DBE Supportive Services/
OJT Compliance & Supportive Services Manager

Office of Civil Rights

The DDOT Office of Civil Rights (OCR) partners with the Federal Highway Administration (FHWA) to support businesses and individuals thru:

- On-the-Job Training (OJT)
 - Apprenticeship Program
 - Business Opportunity and Workforce Development Center (BOWDC)
- 

The BOWDC

The Business Opportunity and Workforce Development Center:

- ✓ Community-based resource center;
 - ✓ Provides up-to-date information on contracting and procurement opportunities for DBE firms;
 - ✓ Provides information regarding employment and procurement opportunities with major transportation agencies throughout the Washington Metropolitan Region.
- 

The BOWDC

- ✓ Offers Workforce Development Training such as Pre-apprenticeship Programs and advanced industry training for the construction workforce;

DBE Supportive Services:

- ✓ Offers capacity-building training for small businesses; and

- ✓ Offers industry-specific skill training for small businesses;



OJT

The primary objective of DDOT's On-the-Job Training (OJT) program is to provide:

- Training opportunities for women, minorities, and disadvantaged persons;
 - Increase participation in every job classification within the highway construction industry; and
 - Trainee to journeyman status
- 

OJT

Areas of Training include, but not limited to:

Carpenter - Bridge/Highway

Concrete Finisher

Electrical-Highway/Street Light

Iron Worker Reinforcing (Bridge)

Painter - Steel Bridge

Pipe Layer

Traffic Control

Cement Mason

Construction-Bridge/Highway

Form Setter

Iron Worker - Structural

Pile Driver

Stone Mason

Record keeper



Apprenticeship



- Combination of on-the-job training and classroom instruction
 - DDOT partners include . . .
 - The District Department of Employment Services (DOES)
 - Industry employers
 - Labor groups
 - Employer associations
 - Community-based Organizations
- 

SAVE THE DATE!!!



2014 DBE SUMMIT AND NETWORKING EVENT

APRIL 22, 2014

**THE KELLOGG CONFERENCE CENTER
AT GALLAUDET UNIVERSITY
800 FLORIDA AVENUE, NE
WASHINGTON, DC 20002
MORE INFORMATION WILL FOLLOW**



Resources

DDOT Business Opportunity and Workforce Development Center

2311 Martin Luther King, Jr. Avenue, SE

Washington, DC 20020

Telephone: (202) 645-8620

Fax: (202) 645-0366

Contacts:

Linda Fennell, DBE Supportive Services Manager/
OJT Compliance & Supportive Services Manager

(202) 645-8620

(202) 645-8620

Linda.Fennell@dc.gov

Mike Licht, Business Development

& Marketing Consultant

(202) 645-8626

Mike.Licht@dc.gov



District Department of Transportation



***WORKFORCE
DEVELOPMENT*** **d.**



Today's Speaker

Stephanie Lewis

DDOT AWI Workforce Development Manger

Stephanier.lewis@dc.gov

(202) 316-0866

Workforce Development Mission

Position DDOT as the *Job Market of Choice* in the DC area, by proactively planning, recruiting, developing and retaining the best possible workforce.

Workforce Development Vision



Next Steps

- Workforce Development Workshop in March
- Website location for updates
- For questions, contact:

Stephanie Lewis

DDOT AWI Workforce Development Manger

Stephanier.lewis@dc.gov

(202) 316-0866

Endrea Frazier

DDOT/Streetcar Workforce Development Manger

Endrea.frazier@dc.gov

(202) 244-7391



BUSINESS OPPORTUNITIES

EXCAVATION **URBAN PLANNING** **SECURITY**
PUBLIC RELATIONS **HISTORICAL PRESERVATION**
MECHANICAL **CIVIL** **UTILITIES** **HAULING**
SAFETY **TRAFFIC**
SURVEY **GIS** **HAULING** **CABLE/CONDUIT** **ENVIRONMENTAL**
INSPECTION **STRUCTURAL** **ARCHITECTURAL DESIGN** **IT**
CONCRETE **EMPLOYMENT SERVICES** **DOCUMENT PRODUCTION**
FABRICATION
DOCUMENT CONTROL **COMMUNITY OUTREACH**
OFFICE SUPPLIES **LANDSCAPE ARCHITECTURE**
VALUE ENGINEERING **RAIL/TRACK** **GEOTECHNICAL**
EDUCATION/TRAINING **FARE COLLECTION** **ELECTRICAL**



WORKFORCE OPPORTUNITIES

ELECTRICIAN **CRANE OPERATOR** **PILE DRIVER** **SECURITY**
IRON/STEEL STRUCTURAL **SAFETY MANAGER**
APPRENTICE **CIVIL** **CABLE/CONDUIT** **FLAGGER**
GIS **HAULING** **JOURNEYMAN**
INSPECTOR **ENGINEER** **ADMINISTRATIVE** **IT**
FABRICATOR **CONCRETE** **WELDER** **LABORER** **HAULING**
CONCRETE FINISHER **HEAVY MACHINE OPERATOR**
MECHANIC **DRIVERS** **LANDSCAPER** **CEMENT MASON**
JANITORIAL
EDUCATION/TRAINING **ESTIMATOR** **SCHEDULER**



FUTURE WORKSHOPS

- ✓ Strategic Teaming – March 2014
- ✓ Workforce Connection – March 2014
- ✓ Power Networking – April 2014
- ✓ 2014 DBE Summit – April 22, 2014



DDOT DESIGN AND CONSTRUCTION OPPORTUNITIES INFORMATION SESSION

QUESTION & ANSWER

