



Projects Update For Ward 1

d.

Monday, October 27, 2014

Agenda

6:30 p.m. Call to Order and Welcome – Don Edwards, Facilitator

6:35 p.m. Opening Remarks – Matthew Brown, Director

6:40 p.m. Engineering Remarks – Muhammed Khalid, Interim Chief Engineer

6:45 p.m. Administrative Remarks – Don Edwards

6:50 p.m. Group 1:

- **Project Development Process Overview**
- **move DC**
- **Transit Improvements on 16th Street**
- **DC Streetcar**

7:00 p.m. Group 2:

- **Dedicated Bus Lanes Georgia Avenue**
- **Safety Improvements 15th Street**
- **Resurfacing 7th Street**
- **Reconstruction of U Street, Phase II**
- **Reconstruction of Florida Avenue**

7:15 p.m. Group 3:

- **Traffic Improvements and Impacts**
- **Asset Management**
- **Low Impact Development**
- **Urban Forestry**
- **Street Light Upgrades**

7:30 p.m. Questions and Comments

7:55 p.m. Next Steps

8:00 p.m. Adjourn

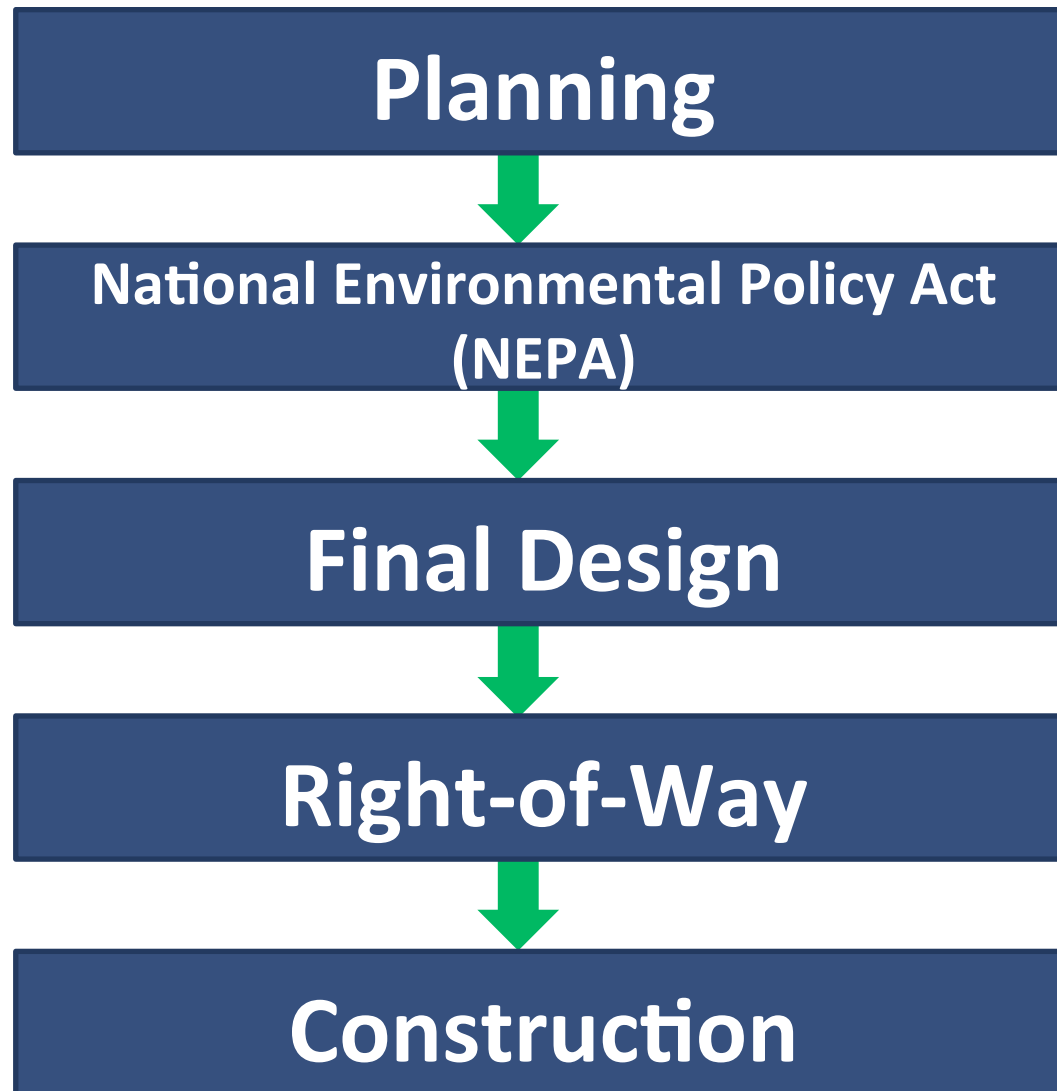


Projects Update For Ward 1

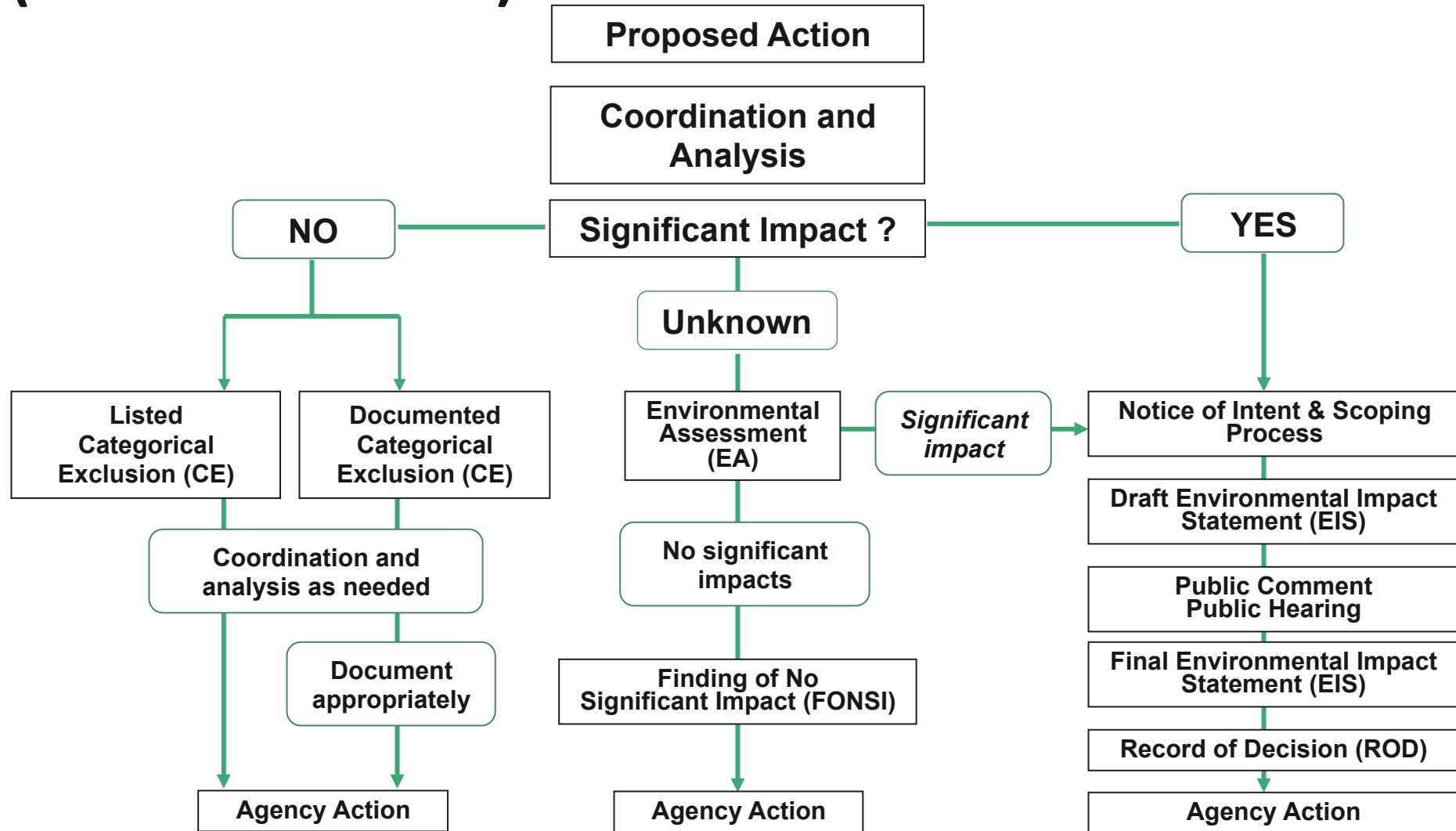
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Group 1

Transportation Project Development Process



NEPA Processing Options (Classes of Action)



District Department of Transportation (DDOT) Process

- Class of Action for NEPA
 - Categorical Exclusion (CE)
 - Environmental Assessment (EA)
 - Environmental Impact Statement (EIS)
- Programmatic Agreements
 - Categorical Exclusion
 - Historic Preservation

Why Do We Do NEPA?

- Defining the Problem
- Developing Solutions for the Problem
- Analyzing the Impacts
- Avoiding/Minimizing/Mitigating Impacts
- Making Informed Decisions
- Good Documentation (Data, Data, Data!)

It's about decision making!

moveDC is...

Statewide Vision Plan – Mandated by FHWA, similar to what MDOT, VDOT, and other state DOTs produce

Local Transportation Plan – like what major cities produce, New York, San Francisco, London, Vancouver

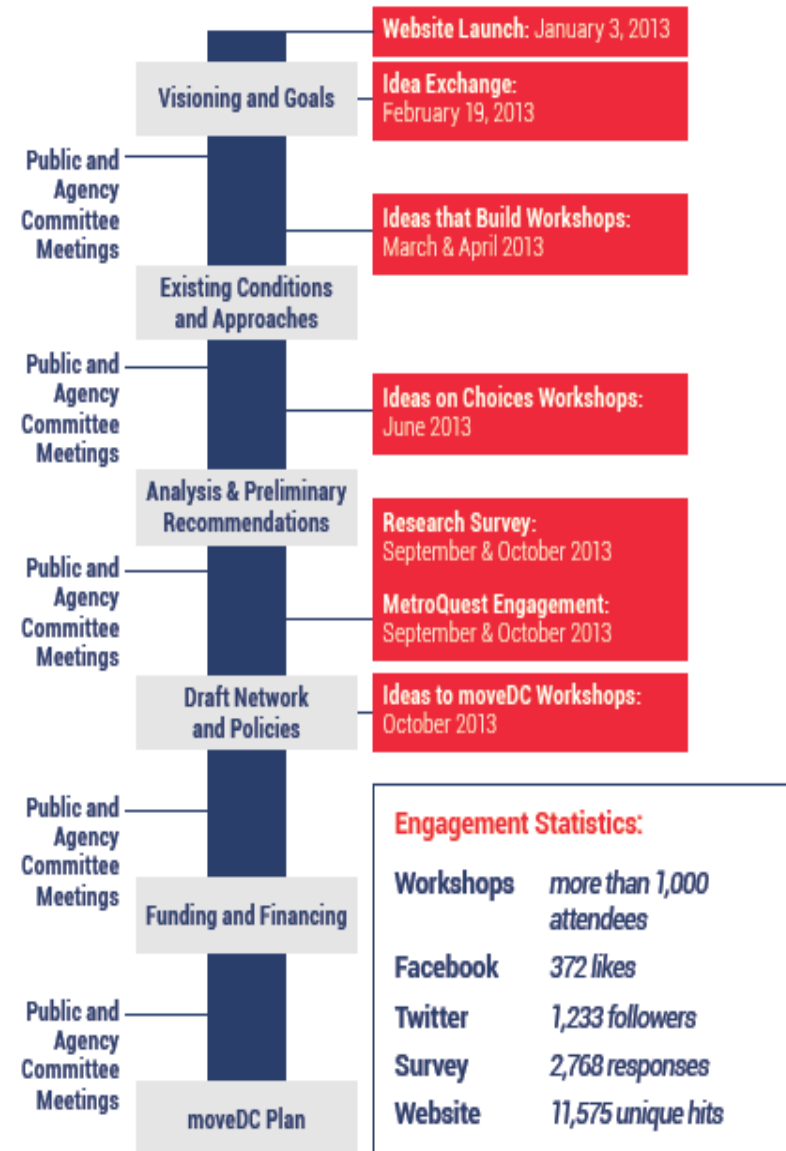
Blueprint to support future growth – District's last long-range plan was in 1997 even as travel has changed radically

moveDC

Goals:

- Sustainability and Health
 - ✓ Achieve 75% of District trips by non-auto modes
- Citywide Accessibility and Mobility
- Neighborhood Accessibility and Connectivity
- Safety and Security
 - ✓ Achieve zero fatalities and serious injuries on transportation network
- Public Space
 - ✓ Reinforce Washington DC's historic landscapes and quality of public space
- Preservation
 - ✓ Achieve a state of good repair for all District infrastructure
- Funding and Financing
 - ✓ Invest to achieve outcomes within planning horizon

Engagement from Day 1!



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Status:

- Final document was released October 21
- Two Year Action Plan released
 - ✓ 36 recommendations
 - ✓ Improvements to all modes
 - ✓ Metrics to assess performance
- Quarterly and Annual reporting

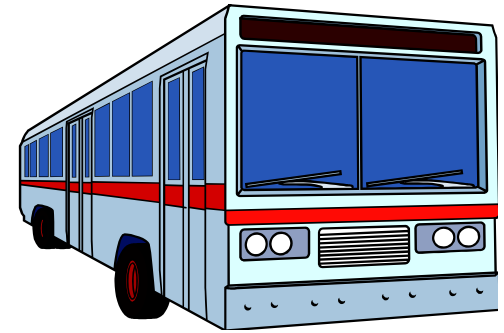


16th Street, NW

Transit Priority Planning Study

Goals:

- To Assess the Impacts of Transportation Priority Improvements on 16th Street, NW between H Street, NW and Arkansas Avenue, NW
- Develop Preliminary Engineering Conceptual Drawings to Address Technical Details

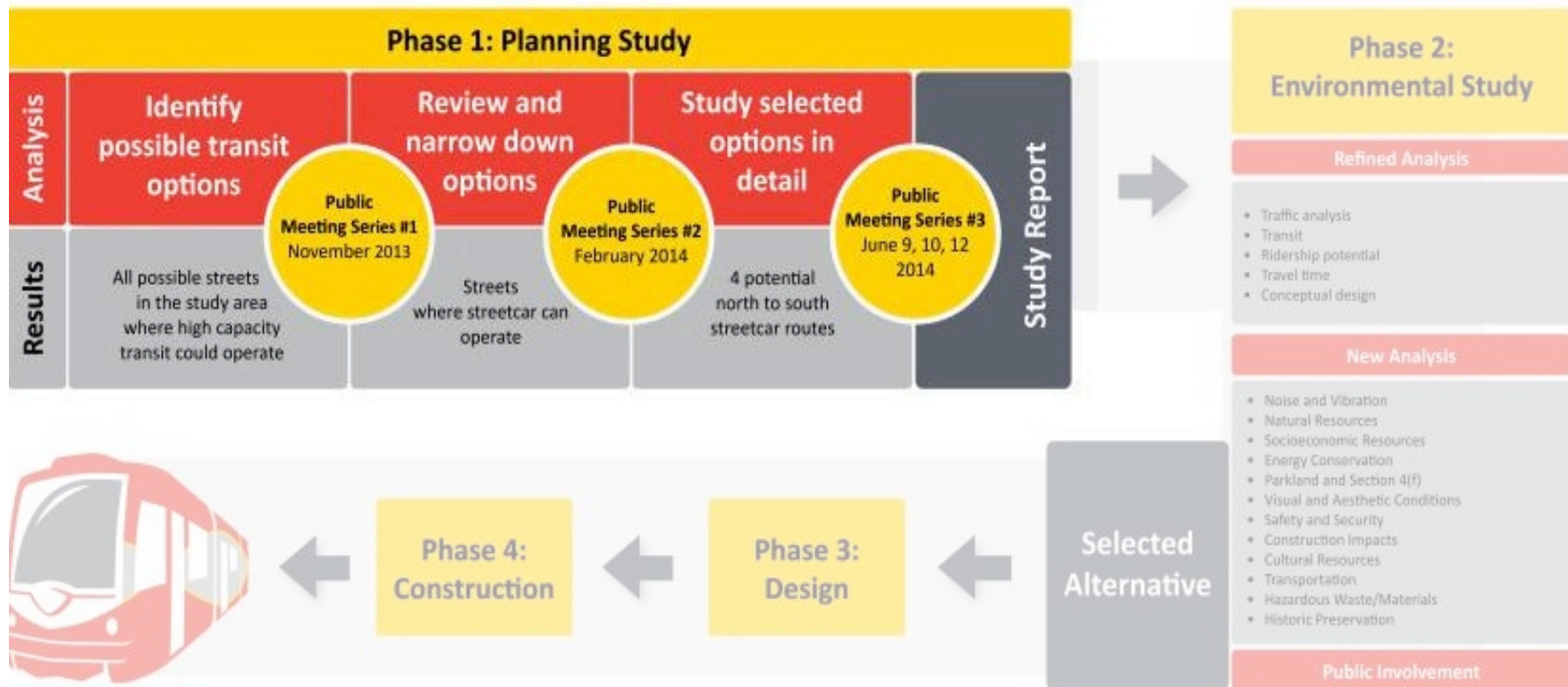


Status

- Under Contract in 2014
- Complete 12 months after Notice to Proceed



DC Streetcar (North-South Corridor) Schedule and Process



Alternative 1

(7th/Georgia)



Alternative 2

(7th/F St/14th St/U St/Georgia)



Alternative 3

(4th/Penn Ave/7th/F St/11th St/
Vermont/Sherman/New Hampshire/
Georgia/Butternut)



Alternative 4

(4th/Penn Ave/7th/F St/9th St/
Vermont/Sherman/New Hampshire/
Georgia/Butternut)



DC Streetcar (North-South Corridor)

Findings



- Georgia Avenue experiences moderate travel delay
- 7th Street experiences more significant travel delay
- Bus speeds vary significantly
- Bus service experiences bunching
- Current bus ridership is significant and growing
- Future travel conditions may experience significant delay
- Ridership projections for the north segment are robust



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Group 2

Dedicated Bus Lane on Georgia Avenue, NW

Goals:

- Increase Safety and Accessibility for Vehicles and Pedestrians
- Improve Transit Usage
 - ✓ Increase bus frequency and ridership
- Balance the Multi-Modal Connections Along the Corridor
 - ✓ Bus, car, bike, pedestrian
- Transform Corridor with New Streetscape
 - ✓ ADA compliant sidewalk, tree, street features

Status:

- Design Phase Completed
- Procurement Ongoing



Barry Place to Florida Avenue



Schedule:

Project Milestones	Date/Time of Year
Contract Award	December 2014
Construction Start	February 2015
Construction Complete	December 2015

Safety Improvements on 15th Street, NW

Goals:

- Increase Safety
- Create Bicycle Connectivity
- Comply with Americans with Disabilities Act (ADA) Requirements
- Improve Drainage with Low Impact Development (LID)
- Provide New Streetscape and Landscape

Status

- Design Phase Completed
- Procurement Ongoing

Schedule:

Project Milestones	Date/Time of Year
Contract Award	December 2014
Construction Start	February 2015
Construction Complete	October 2015

Florida Avenue, W Street,
New Hampshire Avenue, and
V Street Intersection



Resurfacing and Streetscape Improvements

7th Street, NW

Goals:

- Tie-in Public and Private Development Projects in Corridor
- Upgrade Streetlight and Traffic Signals for Improved Pedestrian/Vehicle Flow
- Improve Tree Space and Utilize Low Impact Development (LID) Initiatives
- Improve ADA Compliance and Upgrade Pavement Marking

Status:

- Final Design at 100%
- Awaiting Utility Agency Final Concurrence (WMATA)
- Anticipated Construction Start: Winter/Spring 2015
- Construction Duration: 12 months

N Street to Florida Avenue



Reconstruction of U Street, NW

Goals:

- Increase Safety and Accessibility for Vehicles and Pedestrians
 - ✓ High visibility pedestrian crosswalk
 - ✓ Traffic signal upgrade
- Reconstruct Roadway Pavement
- Transform Corridor with New Streetscape
 - ✓ ADA compliant sidewalk, tree, street features

Status:

- 100% Design Completed
- Construction Scheduled for 2017

Florida Avenue to 14th Street



Schedule:

Project Milestones	Date/Time of Year
Complete Design Documents	September 2013
Anticipated Construction	2017

Reconstruction of Florida Avenue, NW

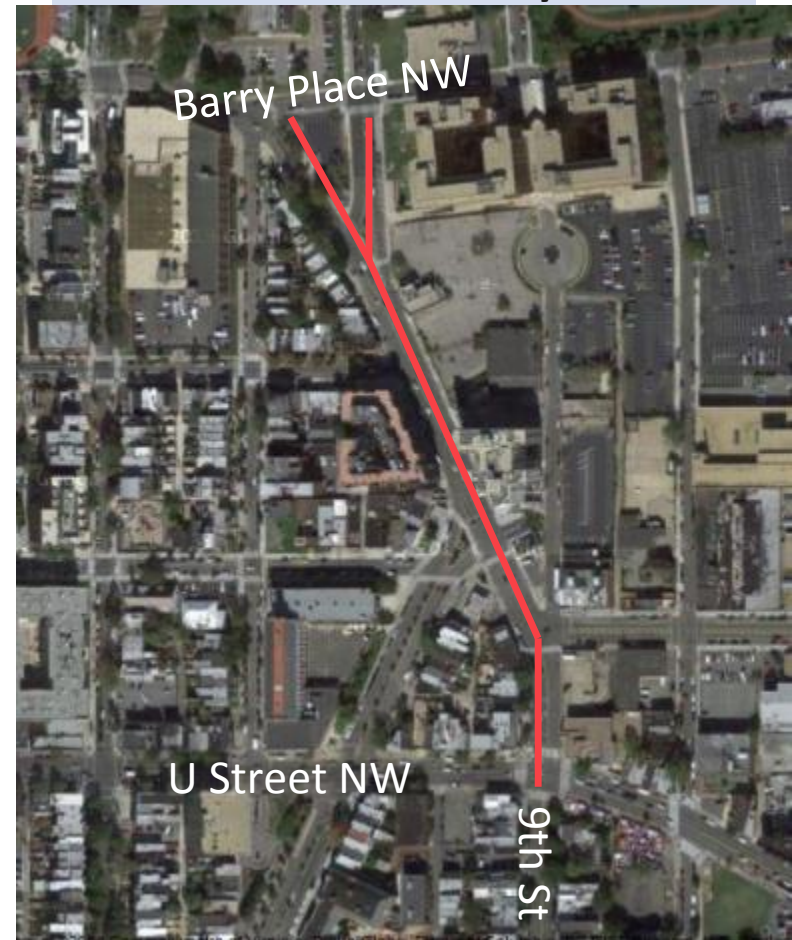
Goals:

- Reconstruct from 9th/U Street to Barry Place
 - ✓ Full depth Asphalt
- Upgrade Underground Utilities
- Add New Traffic Signal at V Street
- Improve Drainage
 - ✓ Catch basins, rain gardens, and landscaped median
 - ✓ Low Impact Development (LID)
- Provide Bike Lanes
- Pedestrian Friendly Environment
 - ✓ Widen sidewalks - ADA compliant wheelchair ramps
 - ✓ More green spaces and trees

Status:

- Awaiting Right-of-Way Acquisition

9th/U Street to Barry Place



Schedule:

Limit of Work

Project Milestones	Date/Time of Year
Advertise for Construction	June 2015
Anticipated Construction	October 2015-May 2016

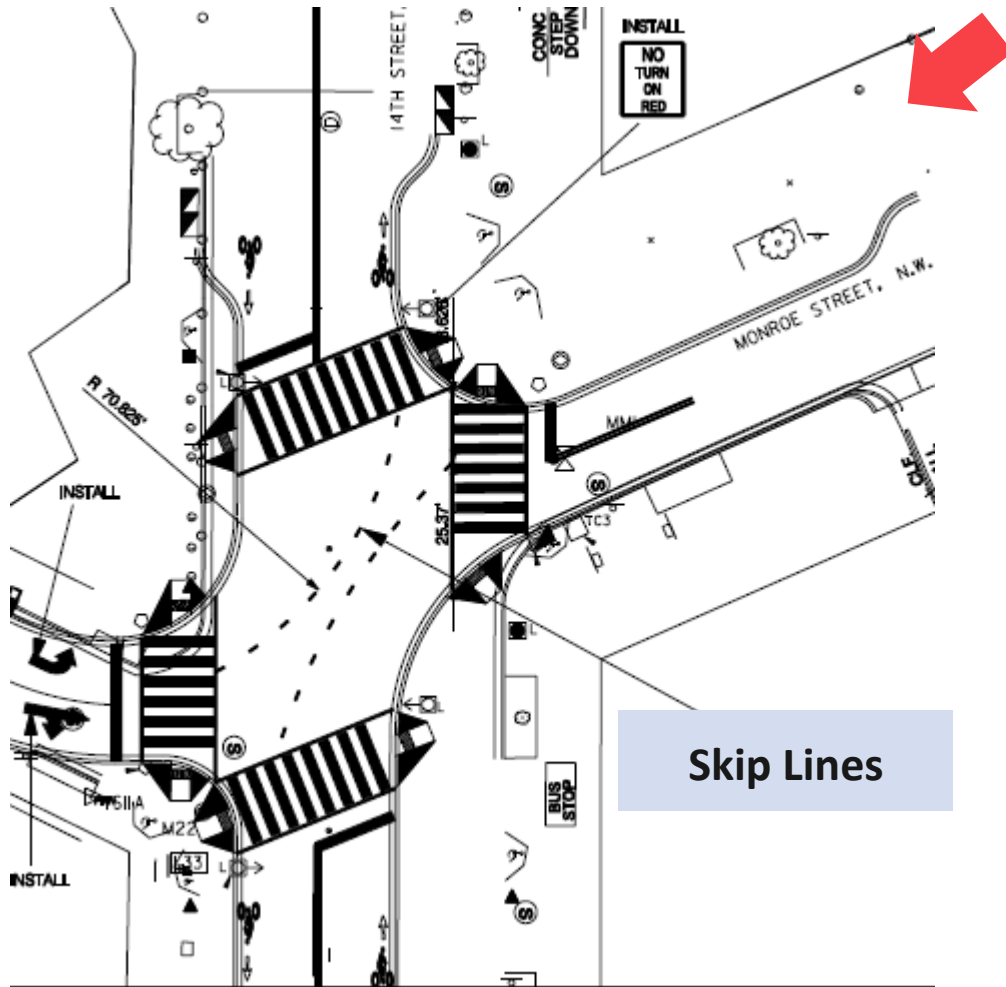


Projects Update For Ward 1

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Group 3

Traffic Improvements and Impacts



- Intersection 14th and Monroe Street, NW
 - Skip Lines to be added Spring 2015 to improve interaction between two-directional turn movements from Monroe Street
- Traffic Impacts
 - Effect of repair of 16th Street bridge over Military Road, NW
 - I-395 aerial rights
 - Georgia Avenue, NW project construction

Asset Management Projects

FY-14 Completed Locations

Street Paving (2.15 Lane Miles):

- Rhode Island Avenue NW (2nd Street to Florida Avenue)
- Florida Avenue NW (Rhode Island Avenue to 7th Street, Georgia Avenue)

Sidewalk Repair:

- Hertford Place NW (Oak Street to Ogden Street)

Alley Repair:

- 3569 10th Street NW
- 1800 Biltmore Street NW
- 1801 Clydesdale Place NW
- 401 Gresham Place NW
- 1800 Kenyon Street NW
- 422 Lamont Street NW
- 3614 Georgia Avenue NW



Asset Management Projects

FY-15 Proposed Locations

NOT A COMPLETE LIST!
Still Finalizing the FY-15 Work Plan

Federal Street Paving :

- Euclid Street NW (13th to 14th Street)
- Belmont Street NW (13th to 14th Street)
- Calvert Street NW (Cliffbourne Place to Biltmore Street)
- V Street NW (2nd to 4th Street)
- Kenyon Street NW (13th to 14th Street, Park Road)

Slurry Seal:

- Elm Street NW (2nd to 5th Street)
- Holmead Place NW (Park Road to Spring Road)
- Newton Street NW (16th to 19th Street, Ingleside Terrance)
- T Street NW (2nd to 6th Street)

Sidewalk Repair:

- 10th Street NW (Westminster to T Street, Vermont Avenue)
- 3rd Street NW (Anna J Cooper Circle N to U Street)
- Columbia Road NW (Belmont Street to Kalorama Road)
- Harvard Street NW (5th Street, Michigan to Georgia Avenue)
- Oak Street NW (Brown Street to DE)
- Wallach Place NW (13th to 14th Street)

Alley Repair:

- 1307 T Street NW
- 1800 14th Street NW
- 1726 Newton Street NW
- 1843 Mintwood Place NW
- 609 Gresham Place NW

Asset Management Projects

Americans with Disabilities Act (ADA)

Compliant Sidewalks

FY-14 Ward 1 Work Completed:

- Georgia Avenue and Lamont Street
- Georgia Avenue and Park Street
- Vermont Avenue and T Street
- Columbia Road and 19th Street
- 14th Street (from Oak Street to Parkwood Street)
- 15th Street and Chapin Street
- 16th Street and Spring Road

**Vermont Ave
and
T St**



14th St and Otis



Georgia Ave and Park St



Ward 1 Work Ongoing:

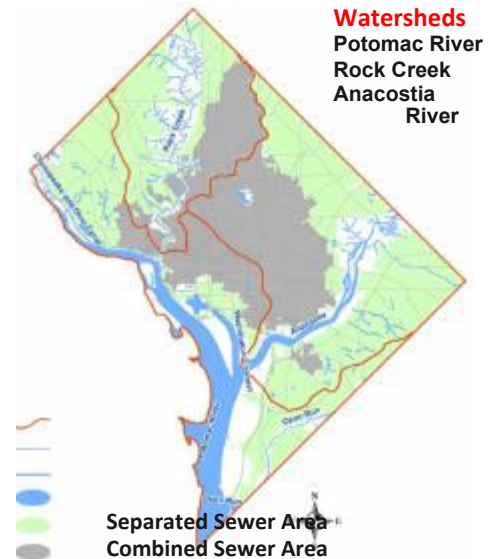
- Georgia Avenue and Howard Place

FY-15 Ward 1 Work Planned:

- Irving Street (from Hobart Street to Mt. Pleasant Street)
- New Hampshire Avenue and Rock Creek Church Road
- 16th Street and Spring Road
- 16th Street and Irving Street
- 16th Street and Park Road
- 16th Street and Euclid Street

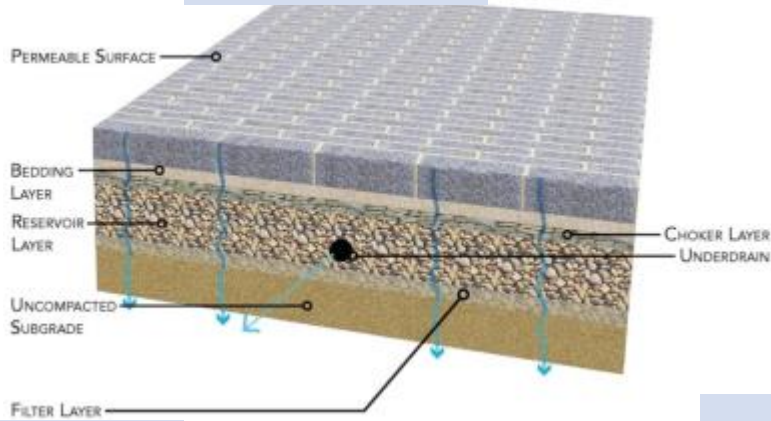
Green Infrastructure (GI) & Low Impact Development (LID)

- Reduce Stormwater Runoff from streets, sidewalks, and alleys using green infrastructure
- District Stormwater Regulations (2013) require retention of 1.2 inches of runoff
- Retrofit projects – Green Alleys & sites citywide (primarily Separated Sewer Area)
- DDOT Green Infrastructure Standards
- ddot.dc.gov/GreenInfrastructure

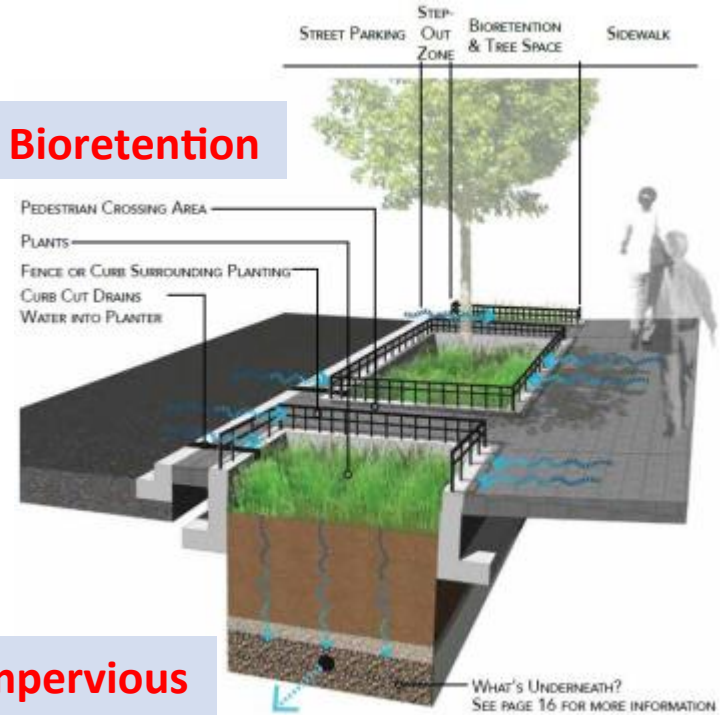


Green Infrastructure (GI) Practices

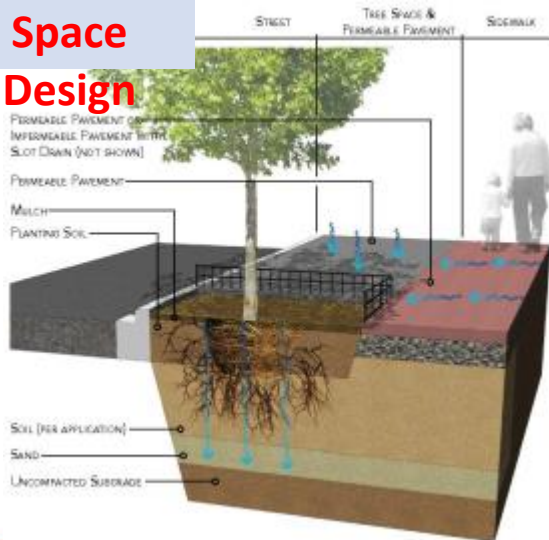
Permeable Pavement



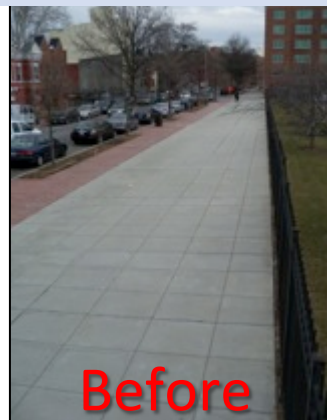
Bioretention



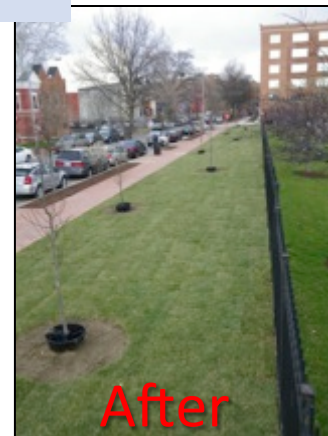
Tree Space Design



Reducing Impervious Surface



Before

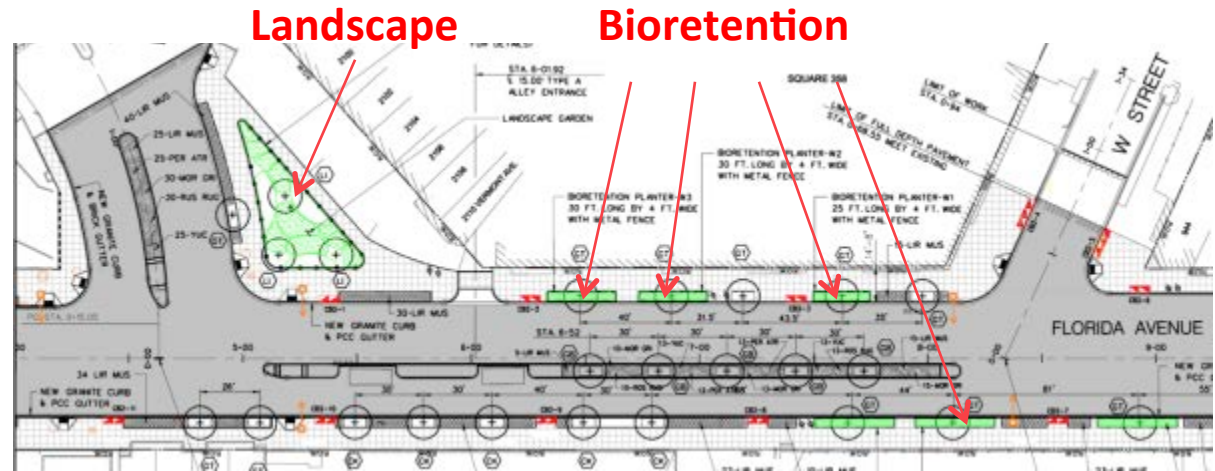


After

P St NE & North Capitol

Green Infrastructure (GI) Ward 1 Projects

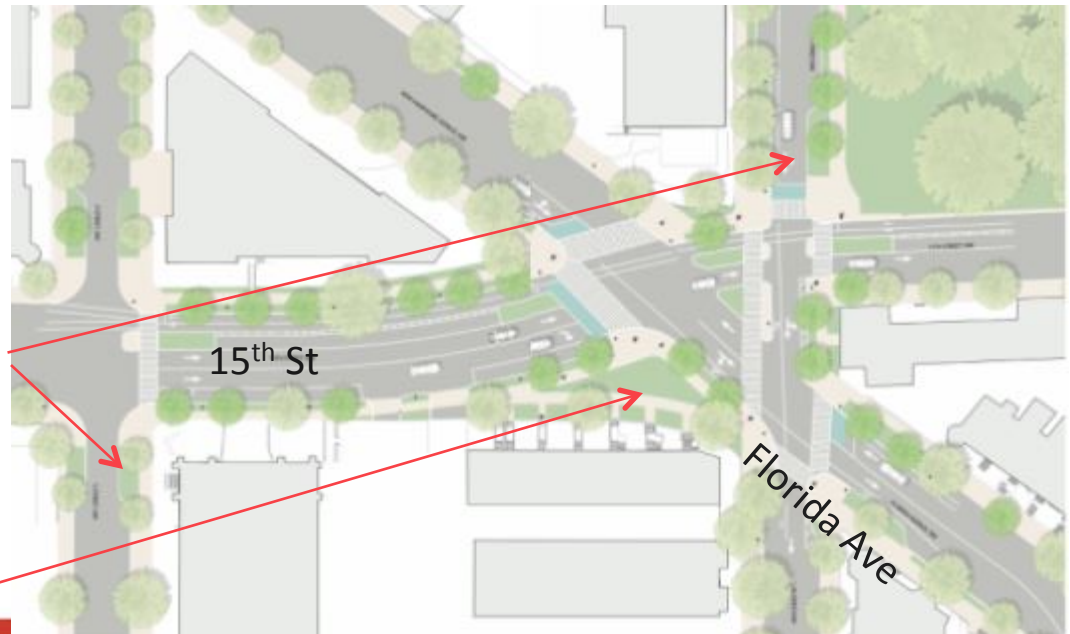
Florida Ave @Vermont Ave



15th St NW @ Florida Ave

**Bioretention
Bumpouts**

Landscape



Landscaped Medians/Green Spaces/Tree Services Ward Based

Goals:

- Support and enhance storm water capture rates from the Districts streets as mandated by EPA in the MS 4 permit
- Tree Boxes shall be maintained by the abutting owner as per the DCMR 24
- Street Trees are maintained by the UFA ISA certified arborist and services should be requested through the Mayor Call Center at 311
- Landscape/green spaces enhance the neighborhood and provide traffic calming



Schedule:

Status:

- Ongoing and seasonally based

Trash	Weekly except winter months
Weeding	Monthly from April to October
Mulching	As needed
Pruning	As needed
Planting	As needed

Ward 1 Tree Planting

Goals:

- Support and enhance community livability
- Satisfy federally-mandated stormwater management consent decree (MS4 Permit)
- Deliver environmental services
 - ✓ Cleaner air - Cleaner water
- To calm traffic
- To beautify neighborhoods!

Status:

- This fall and spring UFA will install over 300 trees in ward 1 – Ward 1 is 97% planted!
- DDOT's planting season will start in October and will continue through April

The link to all our planting sites can be found on the DDOT web site under - urban forestry - DDOT Tree Services Schedule - first map in the middle of the screen

Web Site is <http://ddot.dc.gov/node/500202>



Streetlight Upgrades

Ward 1

Goals:

- Install More Efficient LED Fixtures
 - ✓ Reduces power cost
 - ✓ Better lighting uniformity
 - ✓ Long lasting/low maintenance

Status:

- T Street Lighting Upgrade (7th to 11th Street, NW) – Complete End of October
 - ✓ Replaced 11 pendant poles with 400W HPS inefficient lights with 21 efficient 100W LED lights on #16 poles
- Design On Spot Light Under Trees on Vermont Avenue, NW (between U and T Street) – Complete
 - ✓ Upgrade 20 inoperable spot lights with 25W LEDs



Old Fixtures



New Fixtures



Upcoming Projects

Update Meetings

- Ward 7 (November 17, 2014)
 - Pennsylvania Avenue Baptist Church; 3000 Pennsylvania Avenue, SE
- Ward 2 (December 8, 2014)
 - New York Avenue Presbyterian Church, 1313 New York Avenue, NW
- Ward 6 (January 26, 2015)
- Ward 3 (February 16, 2015)
- Ward 5 (March 9, 2015)
- Ward 4 (March 30, 2015)

Visit the upcoming events section on the homepage of ddot.dc.gov to find out the latest information on meeting dates and locations

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Thank you!
Questions and Comments?