K STREET TRANSITWAY PROJECT
Outline

- Project Aerial
- Project Overview/Update
- Transit Improvements
- Bicycle Facilities
- Streetscape Enhancements
- Viewshed Renderings
21st Street NW to 12th Street NW
3 parks
Dense commercial development
Transit use
High pedestrian activity
Existing Conditions

K Street NW at 16th Street NW, looking east

K Street NW at 16th Street NW, looking west
Existing Conditions

K Street NW at 16th Street NW, NW corner, looking west

K Street NW at 16th Street NW, SE corner, looking east
Project Overview
Typical Section

- Remove service lanes
- 2 transit lanes
- 2 bicycle lanes
- 4 travel lanes
- Loading/parking on some blocks
Project Overview

Typical Section

- Narrow medians at parks
- Maintain number of lanes
- Trees will not be in the medians at the parks
Project Overview

History

- **December 2009**: Environmental Assessment and Finding of No Significant Impact (FONSI)
- **2014-2017**: Union Station to Georgetown (USGT) Transportation Improvements Project Environmental Assessment (EA)
- **2018**: Project Identified as Mayor’s Initiative
- **March 2020**: Consulting Parties Invited to participate in the Section 9B DDO T initiated consultation
- **Preliminary Design Completed**
- **April 2021**: Final Design Initiated
Project Overview
Public Outreach

- **October 2009**: Public Hearing/Comment Period for K Street: 24th Street NW to 7th Street NW EA
- **November 2019**: Open House at Farragut Square
- **April 2020**: Preliminary Design Information Shared
- **TODAY**: 65% Design Information Shared
- **Ongoing**: Stakeholder Meetings
Transit Improvements
Network Connections

- 4 New Stops
- 11 Metrobus and Circulator Routes

Bus routes that will connect to K Street Transitway
Median Transit Improvements
 Facilities

- 11’ wide platform
- 10” curb for near-level boarding
- Accommodate 2 articulated buses
- Granite Curbs
- Red detectable warning surface at platform edge
- Poured-In-Place Concrete
  - Light Grey Pedestrian Zone
  - Dark Grey Amenity Zone
- Treepits with Iron Grate Covers
Transit Improvements
Access and Operations

- Accessible pedestrian signals
- Median tips
- Detectable warning surfaces
- Transit signals
Pedestrian and Bicycle Improvements

Facilities

- High-visibility crosswalks
- Improved sidewalks
- Protected bike lanes
  - One-way cycle tracks alongside the transitway
- Intersections
  - Two-stage turn boxes
  - High-visibility crossing markings
  - Exclusive bike signal phases (at select locations where conflicts exist)
Streetlights

- Streetlight (Twin 20s) will be near the sidewalk and in the medians.
- Almost 100 streetlights (Twin 20s) will be installed along this one-mile corridor.
Sidewalk Streetscape Enhancements

Landscaping

Sidewalk Zones
- Sidewalk Clear Zone
- Tree Pit Amenity Zone
- Building Amenity Zone

Note: All benches will face building
Sidewalk Streetscape Enhancements

Landscaping

A  Paving Materials Sidewalk Zone

London Pavers: 2’x3’ Concrete Pavers

B  Paving Materials Tree Pit Amenity Zone

Amenity Zone Paving
4”x8” Charcoal Gray Concrete Pavers
Streetscape Enhancements
Landscaping

Proposed Street Trees

Quercus phellos – Willow Oak
Ulmus americana ‘Jefferson’ – Jefferson Elm
Zelkova serrata – Japanese Zelkova
Median Streetscape Enhancement
Typical Median Illustrative Plan
Median Streetscape Enhancement
Typical Median Planting Section 1
Median Streetscape Enhancement
Typical Median Illustrative Plan
Median Streetscape Enhancement
Typical Median Planting Section 2

- Prop. Tree
- Black Chokecherry
- California Grey Rush
- Bike Lane
- Bike Lane Curb
- Bioretention Curb
- Bioretention Soil
- Sand
- #57 Stone
- Mulch
- Planting Soil
- Sand
- Utility depth varies
- Bus Only Lane
- Typ. Roadway Curb
- Bioretention Curb
- Check Dam Behind
- Perforated Drain
Median Streetscape Enhancement
Typical Median Planting Diagram
Median Streetscape Enhancements
Landscaping

**Proposed Median Trees - Columnar Form**

- *Liquidambar styraciflua* 'Rotundaloba - Sweetgum
- *Nyssa sylvatica* ‘David Odom - Sweetgum

**Median Planting**

- *Chrismanthium latifolium* - River Oats
- *Juncus patens* - Common Rush
- *Nepeta x faassenii* - Catmint
- *Rhus aromatica* ‘Gro-Low’ - Fragrant Sumac
- *Sedum ternatum* - Wild Stonecrop
Carnegie Library Viewshed Rendering - Existing Conditions (June 2022) (13th Street looking east)
Carnegie Library Viewshed Rendering (13th Street looking east)
Washington Circle Viewshed Rendering - Existing Conditions (June 2022) (19th Street looking west)
Washington Circle Viewshed Rendering (19th Street looking west)
Timeline

- **Final Design Started**: Spring 2020
- **Intermediate Milestone Deliverable**: February 2022
- **Final Design Completion**: Summer/Fall 2022
- **Anticipated Construction**: 2023 - 2026

*Additional Public Meeting with Final Design*
Project Contact Information

Project Email:
- kst-transitway@jmt.com

Project Website:
- kst-transitway.ddot.dc.gov
Corridor Design
21st St NW to 20th St NW

Note: Trees illustrated in graphic above do not represent actual design plans
Corridor Design
20th St NW to 19th St NW

Legend
- Bike Lanes
- Bus Stops
- Trees

Note: Trees illustrated in graphic above do not represent actual design plans
Corridor Design
19th St NW to 18th St NW

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Corridor Design
18th St NW to Connecticut Ave NW

Key Map

Legend
- Bike Lanes
- Bus Stops
- Trees

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Corridor Design
Connecticut Ave NW to 17th St NW

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Corridor Design
17th St NW to 16th St NW

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Corridor Design
16th St NW to 15th St NW

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Corridor Design
15th St NW to Vermont Ave NW

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Corridor Design
Vermont Ave NW to 14th St NW

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Corridor Design
14th St NW to 13th St NW

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Corridor Design
13th St NW to 12th St NW

Note: Trees illustrated in graphic above do not represent actual design plans
Corridor Design
12th St NW to 11th St NW

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