Project Update
November 2021
Project Overview

Project Location

- Connecticut Avenue NW
  - Streetscape limits: Q Street NW to California Street NW
  - Deck-over (Plaza) limits: North of Dupont Circle to Q Street NW
Project Goals

• Develop a Productive, Sustainable Space & Streetscape

• Streetscape Improvements
  • Support safe and effective multimodal access for pedestrians, bicyclists, transit, and automobiles
  • Upgrade sidewalks, streetlights, landscape, drainage, and traffic signals
  • Provide new protected bicycle facilities

• New Deck-over Plaza
  • Create a new public space for the community for strolling, relaxing, working, and other future programming
CFA Comments from January 2021

• **Approved Streetscape Improvements from Q Street to California Street**
  – Requested consideration for not using brightly colored paint on pavement for bus lanes and bike lanes
• **Supported the creation of the pedestrian plaza**
• **Raised concerns about the plaza design**
  – Encouraged continuous street tree placement along plaza
  – Regular placement of the honey locusts in planters
  – Supported oval plants and playfulness of varying sizes
  – Recommended stone in place of precast concrete boulders or use of more regular and substantial design element to avoid future installation of supplemental barriers
• **Requested Resubmission of Plaza portion of project**
Streetscape Design

Design Features

- Protected bike lanes provided with connections to the existing Columbia Rd NW bike lanes, R St NW bike lane and the future 20th St NW protected bike lanes

- Improved landscaping and sidewalk amenities
PROPOSED from T St to Florida Ave NW

- 5' wide bike lane
- Existing trees to remain
- Bioretention planter
- Benches
- Curbed protection for bike lanes
- Breaks provided for drainage
- Bus shelter
- Raised bicycle lanes at bus stop
- Parking – Off Peak
- Uniform sidewalk treatment
- New trees
- Bicycle Racks
- Parking – Off Peak
- Conflict markings at crossings

**LIGHTING LEGEND**
- 28.5' Pendant pole with teardrop luminaire
- Washington Globe – single luminaire
- Washington Globe – twin luminaire
- Standard Traffic Signal Pole
- Standard Pedestrian Signal Pole
- Indicates a lighting pole which also has signal equipment mounted to it
Streetscape Design

Example Block

PROPOSED from T St to Florida Ave NW
Several Visions over the Years
Design Illustrations have ranged
from Formal to Passive to Active
Uses on Plaza
Existing Conditions

Plaza

EXISTING
from Dupont Circle to Q St NW
Existing Conditions

Plaza

EXISTING
from Dupont Circle to Q St NW
January 2021 Design

Plaza Design – A Piazza

Connecticut Ave NB Service Drive Curbless Street

Detectable warning pavers

Central Pedestrian Crossing

Service Roads ramp to sidewalk level

Connecticut Ave SB Service Drive Curbless Street

Precast Boulders

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Proposed Tree

Bus Shelter

Raised Planter

Bench

Bike Racks
CFA Comments from January 2021

Plaza Comments

• Encouraged continuous street tree placement along plaza

• Regular placement of the honey locusts in planters

• Supported oval plants and playfulness of varying sizes

• Recommended stone in place of precast concrete boulders or use of more regular and substantial design element to avoid future installation of supplemental barriers
November 2021 Design
Plaza Design – Connection to Dupont Circle
Goal:
- Flexibility

Considerations:
- Accessibility
- Safety
- Furnishings
- Programming, Performances, Markets, etc.
- Seasonal Use
- Visual lines
November 2021 Design

Plaza Design – Curbless Street Design

Distinct separation of vehicular lanes
- Tactile pavers
- Vertical elements

Chicane
Opening Barrier
TL-4 Rated Barrier with Metal Pickets

Existing Railing

Proposed Railing
Schedule & Next Steps

Targeted Schedule:

- **Summer 2020**: Final Design Started
- **Winter 2021**: Final Design Completion
- **2022-2025**: Anticipated Construction

Adjacent Projects:

- WMATA Escalator Canopy**
- 20th-21st Protected Bike Lanes**
- National Park Service Dupont Circle Rehabilitation**

**Not directly associated with this project
Thank you for your time. We would be happy to answer any questions.

For more information on the project, please visit our website or email us

- Project website: [www.ctavestreetscapeplaza.com](http://www.ctavestreetscapeplaza.com)
- Email: CtAveStreetscape@gmail.com
Additional Slides and Background

- Streetscape Elements
- Streetscape Design
- Plaza with Café seating
Streetscape Design

Paving

Sidewalk & Plaza – Pressed Concrete Pavers

Furnishing Zone
Streetscape Design

Stormwater Management

Bioretention Planters

Permeable Paving
Streetscape Design

Furnishings

DDOT Standards

- Streetlights / Traffic Signals
- Benches
- Bike Racks
- Multi-space meters
Streetscape Design

Bus Stop – Bike Lane Interaction

Example Section – Between T St and Florida Ave NW

- Bike lane separator/ bus access point
- Bike lane at sidewalk level
- Bus shelter
- Continuous sidewalk
- Bike lane ramps to sidewalk level
- Concrete bus pad
- Bike lane at sidewalk level
- Bus shelter

Connecticut Avenue Streetscape and Deck-Over Project

Government of the District of Columbia

Muriel Bowser, Mayor
Streetscape Design

Planting Schedule - Trees

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Latin Name</th>
<th>Common Name</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Gleditsia triacanthos inermis 'Skycole'</td>
<td>Skyline Honeylocust</td>
<td>2.5” cal.</td>
</tr>
<tr>
<td>2</td>
<td>Magnolia grandiflora</td>
<td>Beauty Magnolia</td>
<td>2”-2.5” cal.</td>
</tr>
<tr>
<td>4</td>
<td>Platanus x acerifolia 'Bloodgood’</td>
<td>Bloodgood London Plane Tree</td>
<td>2.5” cal.</td>
</tr>
<tr>
<td>27</td>
<td>Quercus bicolor</td>
<td>Swamp White Oak</td>
<td>2.5” cal.</td>
</tr>
<tr>
<td>19</td>
<td>Quercus coccinea</td>
<td>Scarlet Oak</td>
<td>2.5” cal.</td>
</tr>
</tbody>
</table>
Streetscape Design

EXISTING from Columbia Road to T Street NW

Connecticut Avenue NW looking SB

Columbia Road NW looking NB
Streetscape Design

**EXISTING from Columbia Road to T St NW**

- Bike lanes terminate before reaching Connecticut Ave
- Most medians are hardscaped; geometries do not promote perpendicular crossings
- Entrance to Hilton promotes unsafe turning movements
Streetscape Design

PROPOSED from Columbia Road to T St NW

• Bike lanes connect to existing facilities on Columbia Road
• Median geometries and surface treatments improved
• Enhanced safety at Hilton entrance

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- Bioretention in median
- Washington Hilton
- Closed median openings
- Protected bike lane
- McClellan Park
- Extended Bike Lane
- Protected bike lane
Streetscape Design

Streetscape

EXISTING from T St to Florida Ave NW

Connecticut Avenue NW looking SB
Streetscape Design

EXISTING from T St to Florida Ave NW

- Asymmetric location of existing trees
- Varying sidewalk treatments
- Existing median
**Streetscape Design**

**PROPOSED from T St to Florida Ave NW**

- 5’ wide bike lane
- Existing trees to remain
- Bioretention planter
- Benches
- Curbed protection for bike lanes breaks provided for drainage
- Bus shelter
- Raised bicycle lanes at bus stop
- Conflict markings at crossings
- Uniform sidewalk treatment
- Parking – Off Peak
- New trees
- Bicycle Racks
- Parking – Off Peak

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Streetscape Design

PROPOSED from T St to Florida Ave NW
Streetscape Design

Streetscape

EXISTING at Florida Ave NW

Connecticut Avenue NW looking SB
Streetscape Design

Streetscape

EXISTING at Florida Ave NW

Right Turn Slip Ramp

Connecticut Ave NW

Lack of plantings

Hardscaped Median
Streetscape Design

PROPOSED at Florida Ave NW

- Removed right turn ramp
- Protected Bike Lane
- Proposed trees and ground plantings to complement existing trees
- Curb bump out

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Streetscape Design

Streetscape

EXISTING from S St to R St NW
Streetscape Design

EXISTING from S St to R St NW

Existing bus stop

Existing well-planted median

Connecticut Ave NW
Streetscape Design

PROPOSED from S St to R St NW

- Protected bike lane
- New bus stop location
- Existing bus stop to remain
- New tree
- Existing tree to remain
- Parking – Off Peak

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Streetscape Design

PROPOSED from S St to R St NW
Streetscape Design

**EXISTING** from R St to 20th St NW

Connecticut Avenue NW looking SB
Streetscape Design

**EXISTING**

from R St to 20th St NW

Streetscape Design

Connecticut Ave NB Service Drive

Connecticut Ave SB Service Drive

Connecticut Ave NB Underpass lanes

Connecticut Ave SB Underpass lanes

Small Hardscape Median

Existing Bike Lane

Existing Bus Stop

R St NW

20th St NW

Hillier Pl NW
Streetscape Design

PROPOSED from R St to 20th St NW

- Connection to future 20th St bike lanes via a 2-way cycle track from 20th St to R St
- Connection to existing WB bike lane on R St

- Expanded Landscaped Median
- Removed bus stop and expanded parking
- 2-way Cycletrack connection
- Protected bike lane

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Streetscape Design

EXISTING
from 20th St to Q St NW

Connecticut Ave NB Service Drive
Connecticut Ave NB Underpass lanes
Connecticut Ave SB Underpass lanes
Connecticut Ave SB Service Drive
20th St NW
Streetscape Design

PROPOSED from 20th St to Q St NW

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Plaza Design Examples

Curbless Street Examples

West Georgia Street, Indianapolis, IN

Bell Street, Seattle, WA