

W. Wilson St. & S. Broom St. Public Informational Meeting

January 24, 2023

- ✓ All attendees should stay be **muted** to keep background noise to a minimum.
- ✓ You may use the **“raise hand”** option at the bottom if you have something that requires immediate clarification.
- ✓ Use **“chat”** option if you are having technical issues and a staff person can try to assist.
- ✓ Questions will be answered following the presentation. Use the **“raise hand”** button at the bottom to be un-muted in order to ask your question or use the **“Q&A”** option if you prefer to type your question. Questions may be typed into the Q&A queue during the presentation, and those questions will be answered first. Inappropriate questions may be dismissed.



**This meeting is being recorded.
It is a public record subject to disclosure.
By continuing to be in the meeting, you are
consenting to being recorded and consenting
to this record being released to public record
requestors.**

How to Participate

The screenshot displays a Zoom meeting interface. At the top, a green banner indicates 'You are viewing City of Madison's screen' and 'View Options'. The main area shows a shared Microsoft Excel spreadsheet with a grid of data. A 'City of Madison' logo is visible in the top right corner of the shared screen. In the center of the Zoom window, a blue button labeled 'Join Audio by Computer' is highlighted with a red arrow. Below this button, another red arrow points to the 'Join Audio' button in the bottom left corner of the Zoom interface. The bottom of the Zoom window features a toolbar with icons for 'Join Audio', 'Q&A', 'Chat', and 'Raise Hand'. A 'Leave Webinar' button is located in the bottom right corner.

Make sure to join audio

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Raise your hand to be unmuted
For comments or ask additional questions.

How to Participate

The screenshot displays a Zoom meeting interface. At the top, a green banner indicates "You are viewing City of Madison's screen" and includes a "View Options" dropdown. Below this, a Microsoft Excel spreadsheet is shared, showing a calendar for 2020 with columns for months and rows for days. The spreadsheet content includes a header row for months (May to Aug) and a row for the name "Sally".

Overlaid on the spreadsheet are several controls:

- A "Phone Call" button with a telephone handset icon.
- A "Computer Audio" button with a computer monitor icon.
- A prominent blue button labeled "Join Audio by Computer".
- A "City of Madison" name tag on the right side.

At the bottom of the Zoom window, a toolbar contains icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points from the "Chat" icon to a white text box at the bottom right of the slide.



Use chat if you have technical issues

How to Participate

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Use Q/A if you have questions.
We will answer after the presentation

How to Participate

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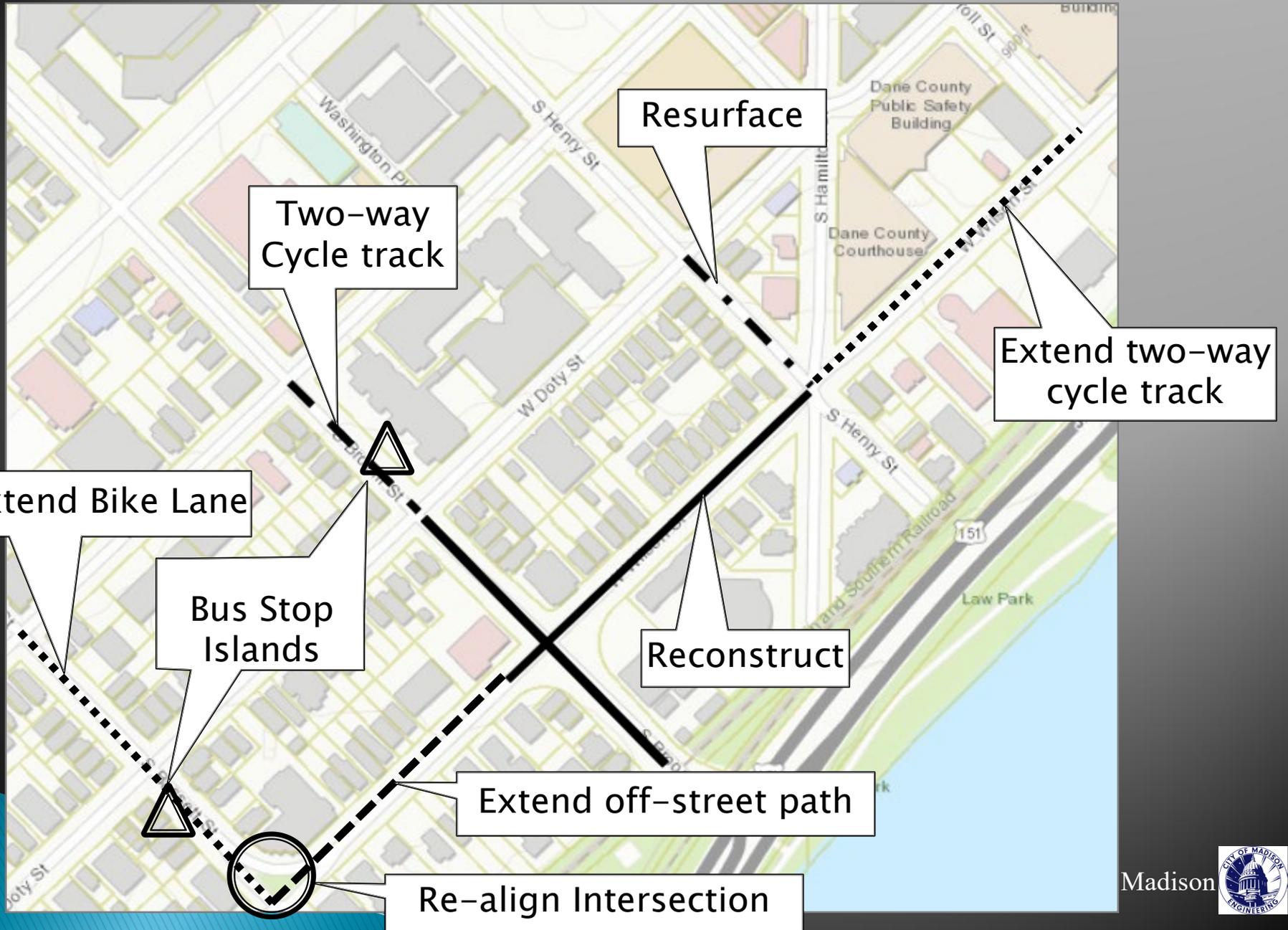
To leave the meeting
click here



Meeting Outline

- ▶ Review project limits/scope
 - Includes review of previously presented info on recon
- ▶ Present details on additional proposed work
- ▶ Review construction impacts
 - General staging/access information
- ▶ Review updated assessment policy
- ▶ Project timeline
- ▶ Questions/Discussion

Location



Project Scope

- ▶ **W. Wilson St. (Broom to Hamilton)**
 - Replace utilities (water, sanitary)
 - Replace curb & pavement, and sidewalk as needed
 - Update lighting
 - New off-street side path
- ▶ **S. Broom St. (Doty to John Nolen)**
 - Replace curb & pavement, and sidewalk as needed
 - Replace sanitary & water (Wilson – Doty)
 - Lighting & Signals
 - New off-street side path
- ▶ **Extension of bike facilities & lane adjustments beyond reconstruction**

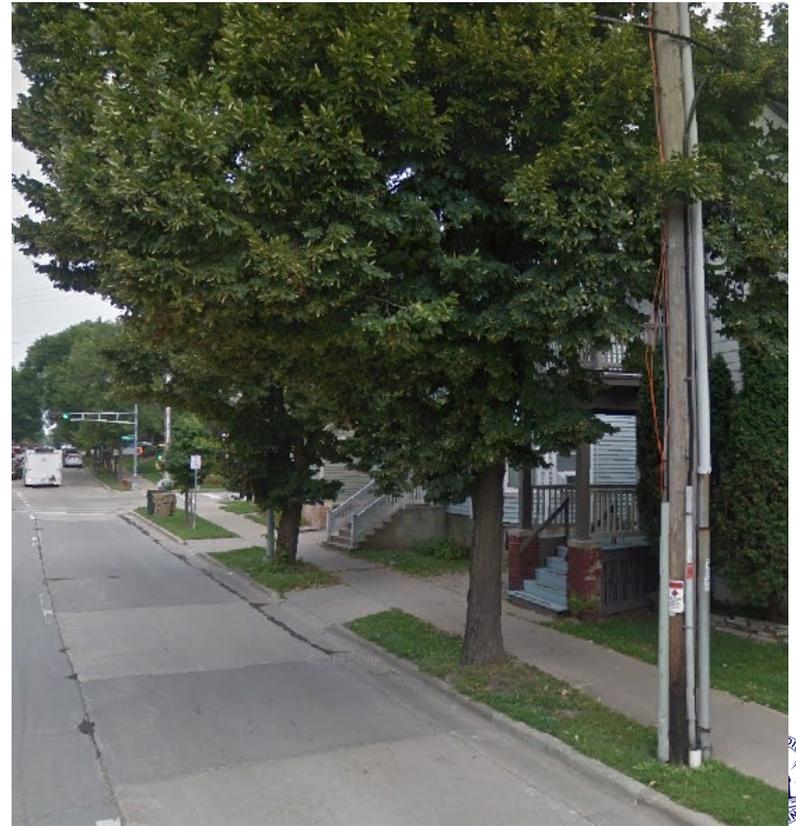
Tree Protection & Removals



- ▶ Several Trees already removed along project
- ▶ Additional removals with project
 - 313 Wilson for new path
 - 2 trees on Broom side of 351 Wilson

Tree Protection & Removals

- ▶ Protect remaining trees and design around
 - Bend path, hand form curb/sidewalk, if necessary
- ▶ Terrace space between cycle track & sidewalk



Tree Planting

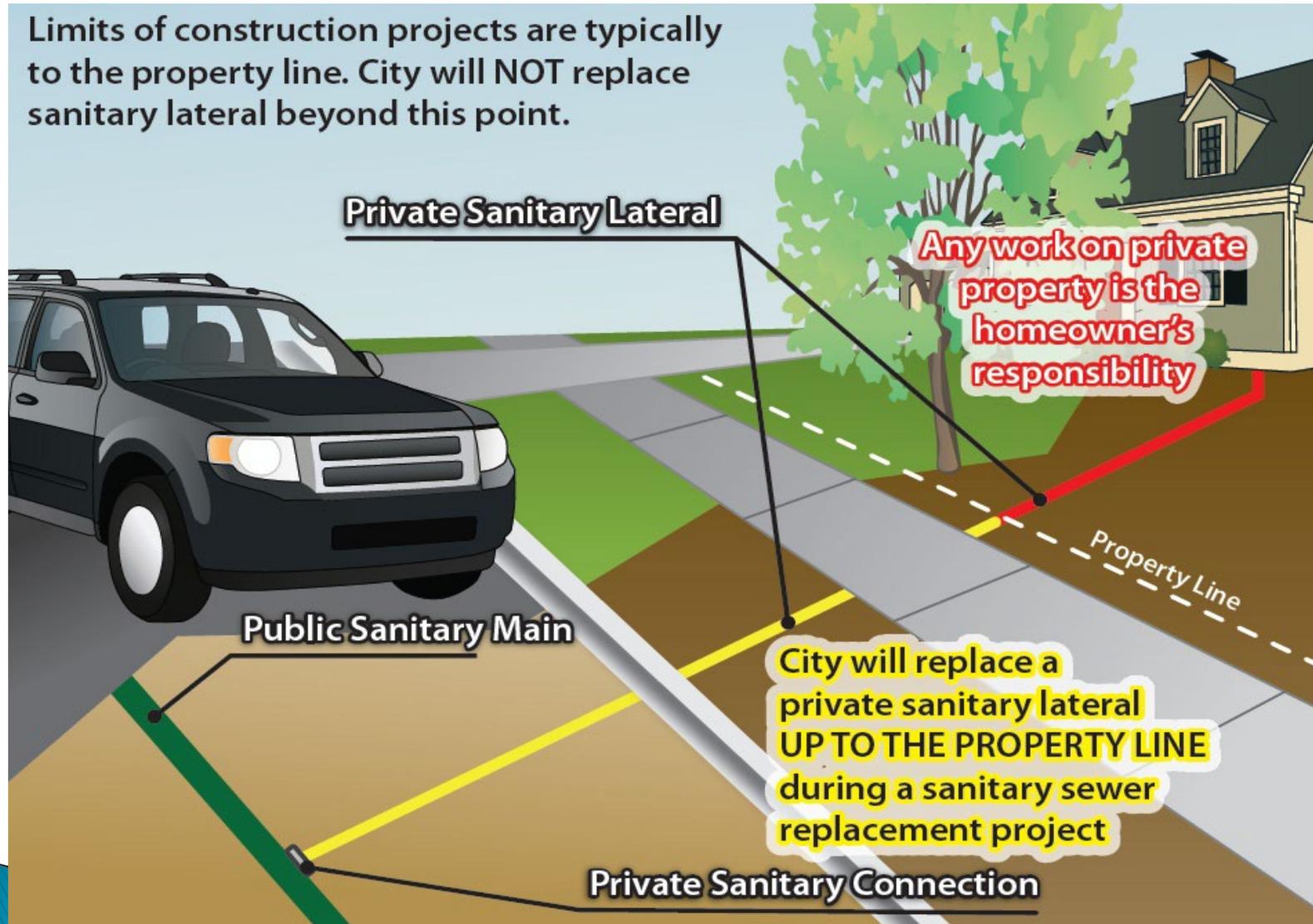
- ▶ Coordinate design with Forestry to maintain & provide planting locations where possible
- ▶ Following the project, City Forestry will plant new trees
 - Species & location to be determined by Forestry
 - Will plant where feasible given consideration for existing street & private trees, underground utilities, structures, etc.

City Utility Work – Sanitary

- ▶ Existing Sanitary Sewer
 - W. Wilson St.: 6” clay pipe, installed in 1905
 - S. Broom (John Nolen–Wilson): 10” PVC, from 1995
 - S. Broom (Wilson–Doty): 12” clay pipe, from 1906
- ▶ Proposed Sanitary Sewer Work
 - Replace main on W. Wilson & on Broom between Wilson & Doty
 - Replace laterals to the property line
 - Leave existing main between John Nolen & Wilson

City Utility Work – Sanitary

Limits of construction projects are typically to the property line. City will NOT replace sanitary lateral beyond this point.



City Utility Work – Water Main

- ▶ Existing water mains
 - W. Wilson St.: 4” cast iron from 1882 (breaks)
 - S. Broom (John Nolen–Wilson): 2” copper from 1995
 - Serves few properties
 - S. Broom (Wilson–Doty): 4” cast iron from 1915
- ▶ Proposed water main work
 - Replace main on W. Wilson & on Broom between Wilson & Doty
 - Reconnect services to the new mains
 - Leave existing main between John Nolen & Wilson

City Utility Work – Storm Sewer

- ▶ Existing Storm Sewer
 - Limited on W. Wilson, only at intersections
 - Existing on Broom was installed in 1995
- ▶ Install upsized storm sewer as recommended by Watershed Study
 - Add storm sewer along W. Wilson
 - Upsize on Broom towards JND, install to extent possible with current project
- ▶ Replace inlets to match into new curb
- ▶ (Re)Connect any private storm sewer discharges to the storm sewer system

Street Details

- ▶ Existing Street: W. Wilson St.
 - Asphalt pavement rated 4 out of 10
 - Existing curb and gutter rated 7 out of 10
 - 3 travel lanes (2 inbound), with no bike facility



Street Details

- ▶ Existing Street: S. Broom St.
 - Concrete pavement rated 6 out of 10; curb 8 of 10
 - Closer inspection shows joint failures on curb
 - 3–5 travel lanes, no bike facility or connection to path



Corridor Study & Test

- ▶ City Dept. of Transportation has completed a corridor study of Wilson St.
 - Includes recommended improvements to Broom
- ▶ Test of lane reductions on Broom & Wilson
 - Started in May of 2019
 - Observations showed proposed changes are acceptable for traffic flow



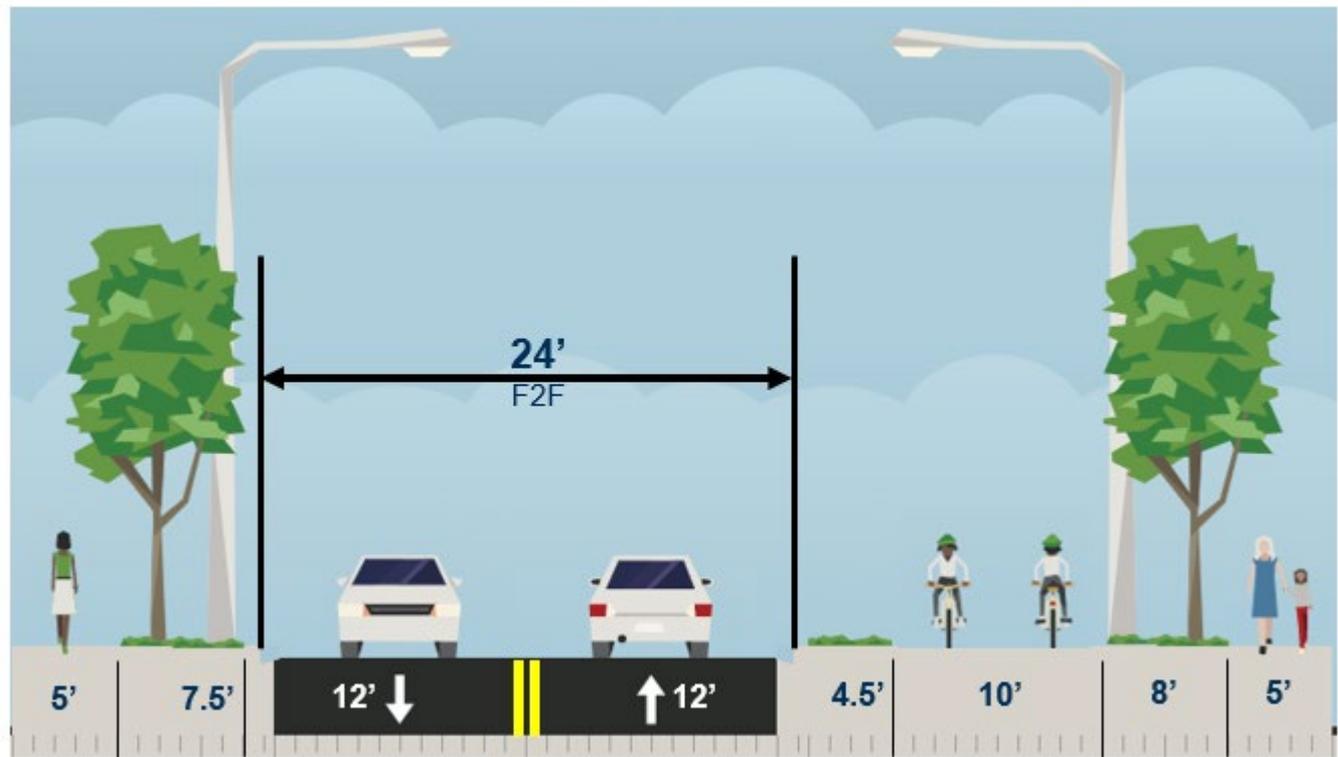
John Reiter & Droom Sr 08:10:36.447 AM 5/20/2019

Proposed Street Work – Wilson

- ▶ Remove and replace curb and asphalt pavement
- ▶ Replace sidewalk as needed
 - Significant sidewalk drainage issues
- ▶ Install 1 travel lane in both directions & widen near Hamilton for 2nd travel lane
- ▶ Install 2-way cycle track on south side
 - Located between curb & existing tree terrace
 - Install at sidewalk elevation
 - Better snow removal & refuse cart collection vs. on-street
- ▶ Replace street lighting & install new pedestrian scale lighting

Proposed Wilson St.

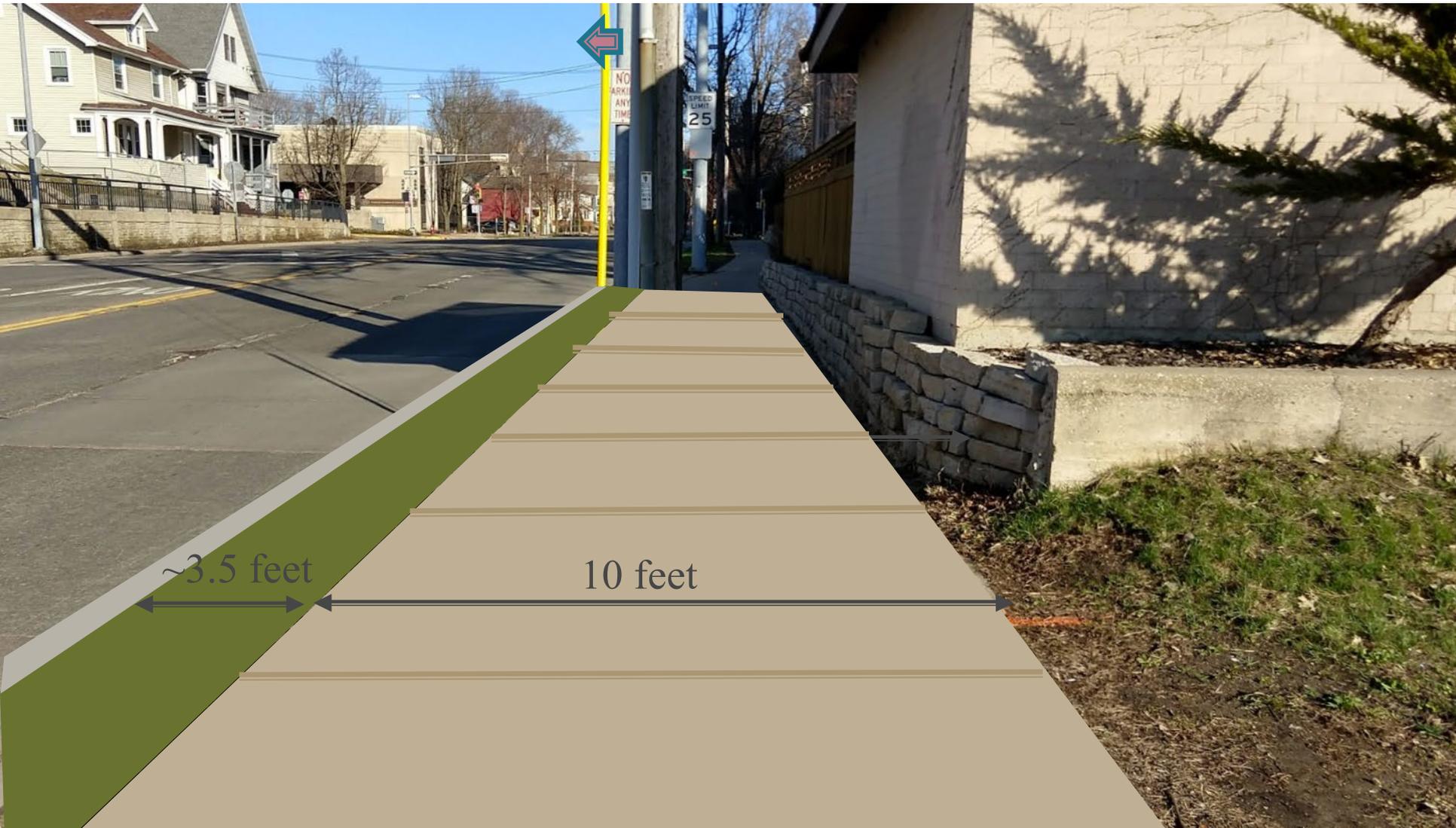
- ▶ Shown: Broom to near Hamilton St., looking east
- ▶ At Hamilton, street widens to add 2nd inbound lane



Proposed Street Work – Broom St.

- ▶ Remove concrete pavement & curb, and install new curb and asphalt pavement
- ▶ Install shared use path (wide sidewalk) between John Nolen & Wilson, with raised crossing of right-turn lane at Wilson
 - Narrow 5 travel lanes, convert eastern-most lane to a right-turn only at Wilson
 - Remove 2 smaller trees

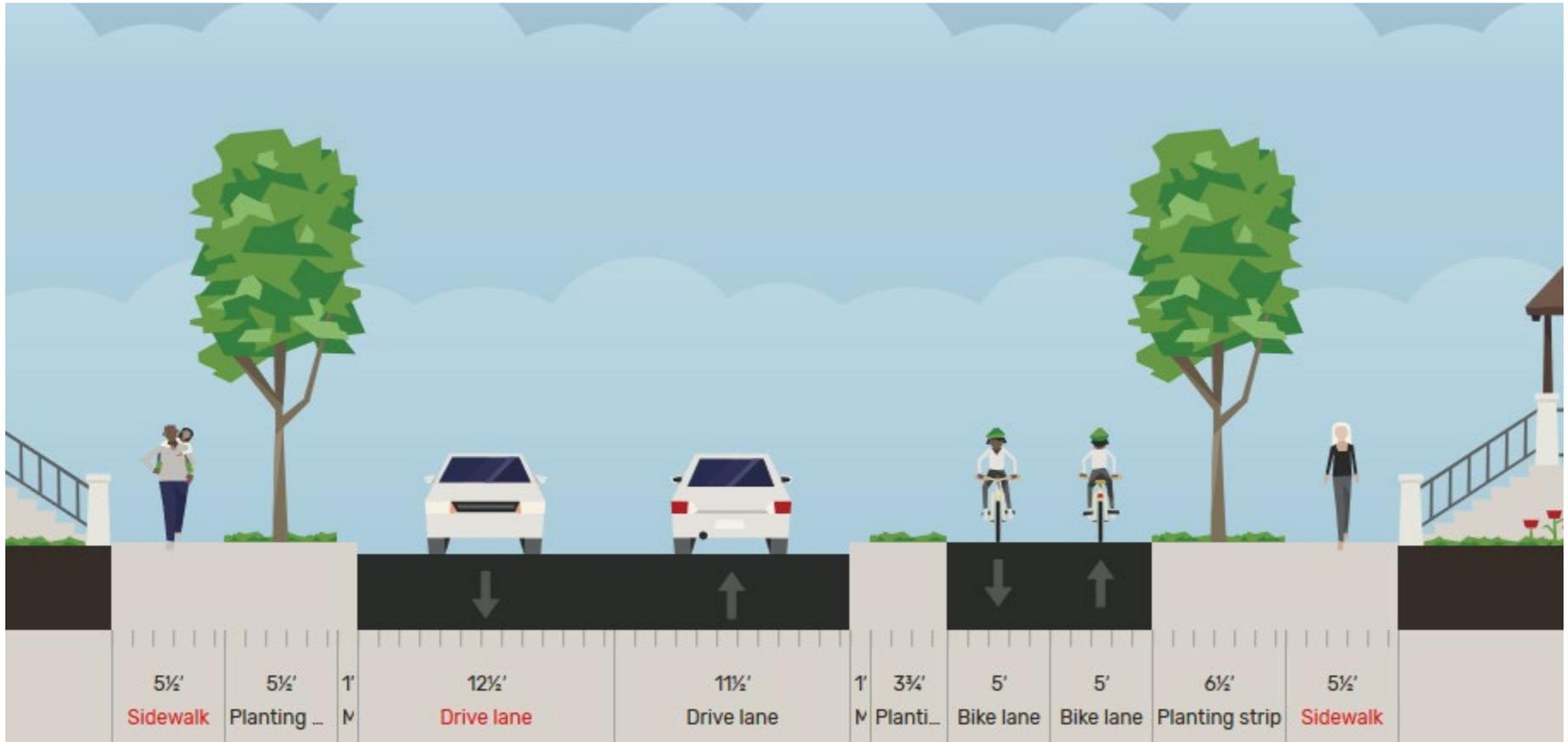
Broom St. (JND to Wilson)



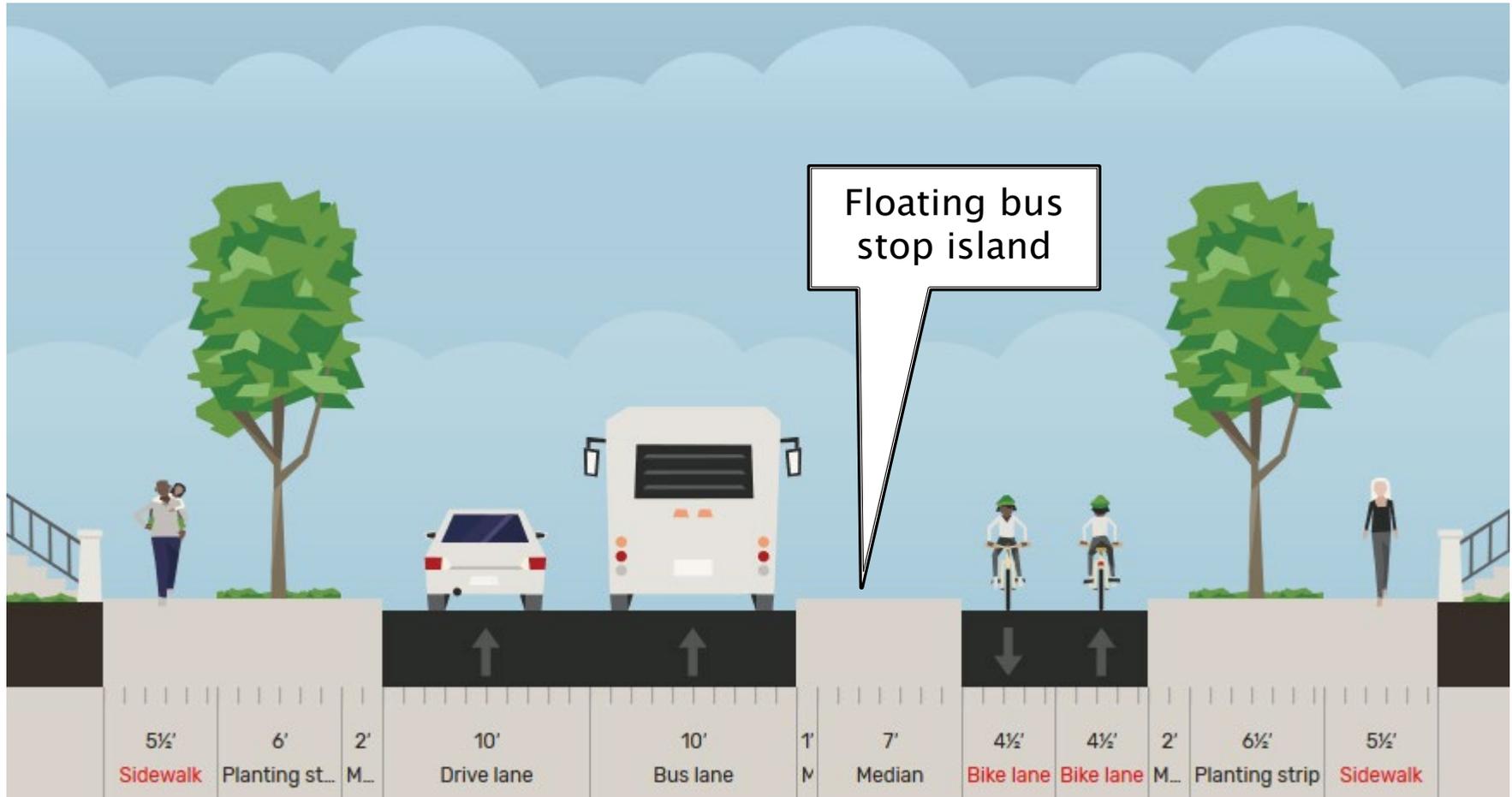
Proposed Street Work – Broom St.

- ▶ Install 2-way cycle track from Wilson to Main
 - Off-street (Wilson-Doty), on-street (Doty-Main)
 - Remove a NB travel lane between Wilson & Doty
 - Remove parking between Doty & Main
- ▶ Replace street lighting & install new pedestrian scale lighting
- ▶ Replace traffic signal at Wilson/Broom intersection
 - Update phasing to have separate EB/WB Wilson signals

Broom St. (Wilson to Doty)



Broom St. (Doty to Main)



- ▶ Floating bus stop – boarding island similar to one on Bassett @ W. Wash

Proposed Street Plan

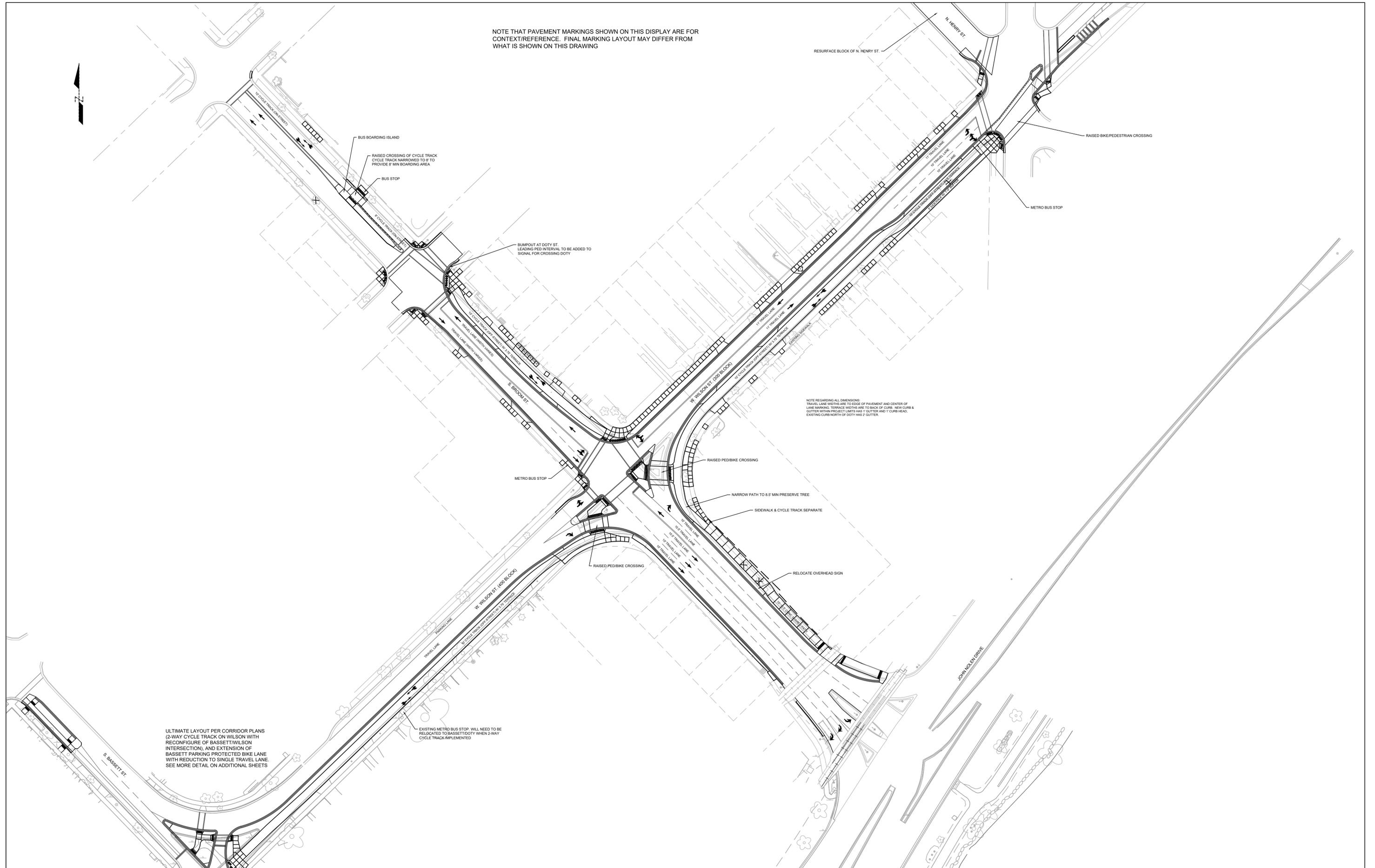
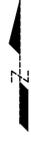
- ▶ **Summary of Overall Reconstruction Project Street Improvements**
 - Bicycle facility improvements throughout
 - Raised bike/ped crossings of right turns at Wilson/Broom Intersection
 - Floating bus stop on Broom west of Doty
 - Maintain existing tree terraces
 - Signal phasing improvements at Wilson/Broom
 - Separate phases for EB & WB (left turn conflict)
 - Signalized right turn (NB Broom to EB Wilson)

Additional Utility Work

- ▶ TIF funds provided to convert overhead utilities to underground within reconstruction limits
 - MG&E electric, Charter & AT&T telecoms
- ▶ Will include separate undergrounding district that will require private properties to update as necessary to receive underground services within 24 months
 - City will reimburse a portion of the costs
 - Separate mailings & public hearing to follow
- ▶ MG&E will also replace gas mains to eliminate conflicts

Review Reconstruction Plan

NOTE THAT PAVEMENT MARKINGS SHOWN ON THIS DISPLAY ARE FOR CONTEXT/REFERENCE. FINAL MARKING LAYOUT MAY DIFFER FROM WHAT IS SHOWN ON THIS DRAWING



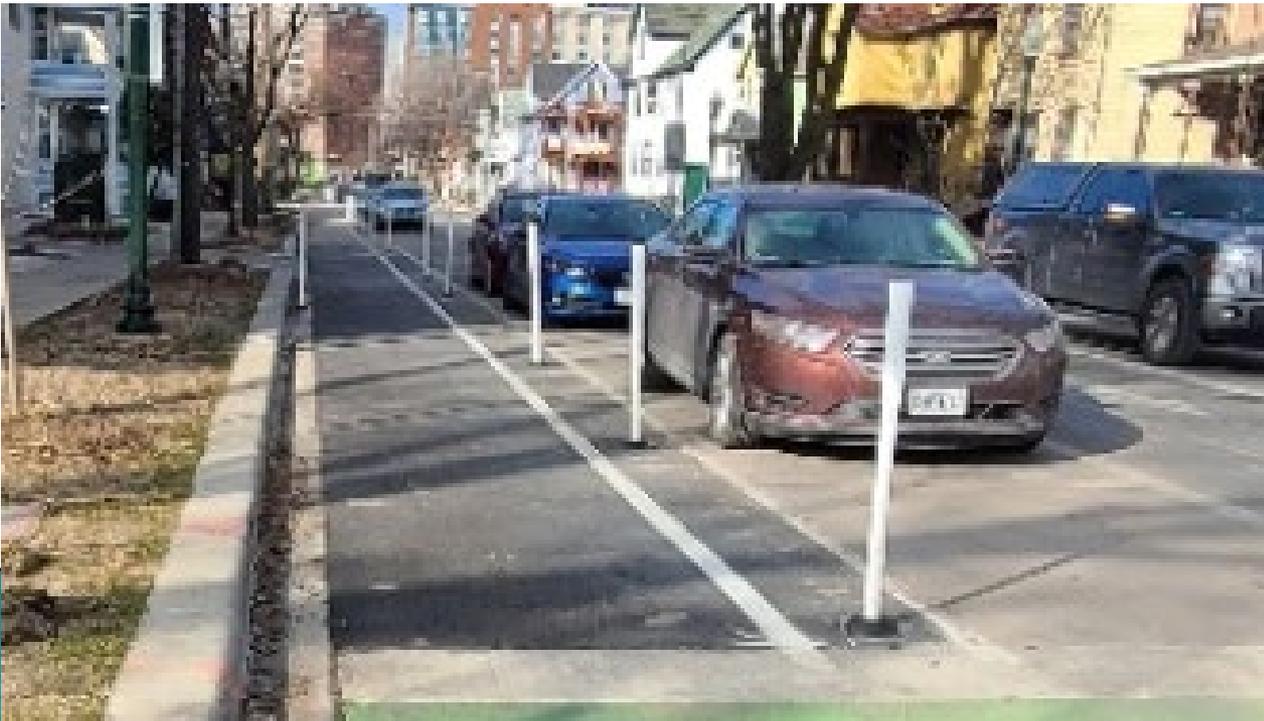
ULTIMATE LAYOUT PER CORRIDOR PLANS (2-WAY CYCLE TRACK ON WILSON WITH RECONFIGURE OF BASSETT/WILSON INTERSECTION), AND EXTENSION OF BASSETT PARKING PROTECTED BIKE LANE WITH REDUCTION TO SINGLE TRAVEL LANE. SEE MORE DETAIL ON ADDITIONAL SHEETS

EXISTING METRO BUS STOP WILL NEED TO BE RELOCATED TO BASSETT/DOTY WHEN 2-WAY CYCLE TRACK IMPLEMENTED

NOTE REGARDING ALL DIMENSIONS: TRAVEL LANE WIDTHS ARE TO EDGE OF PAVEMENT AND CENTER OF LANE MARKING. TERRACE WIDTHS ARE TO BACK OF CURB. NEW CURB & GUTTER WITHIN PROJECT LIMITS HAS 1' GUTTER AND 1' CURB HEAD. EXISTING CURB NORTH OF DOTY HAS 2' GUTTER.

Additional Street Work

- ▶ Extend Parking Protected Bike Lane on S. Bassett
 - Continue implementation of Bassett corridor plan
 - Reduce to single travel lane south of W. Main
 - Add parking on easterly side between Main & Wilson
 - Floating bus stop south of Doty (see Bassett/W. Wash)

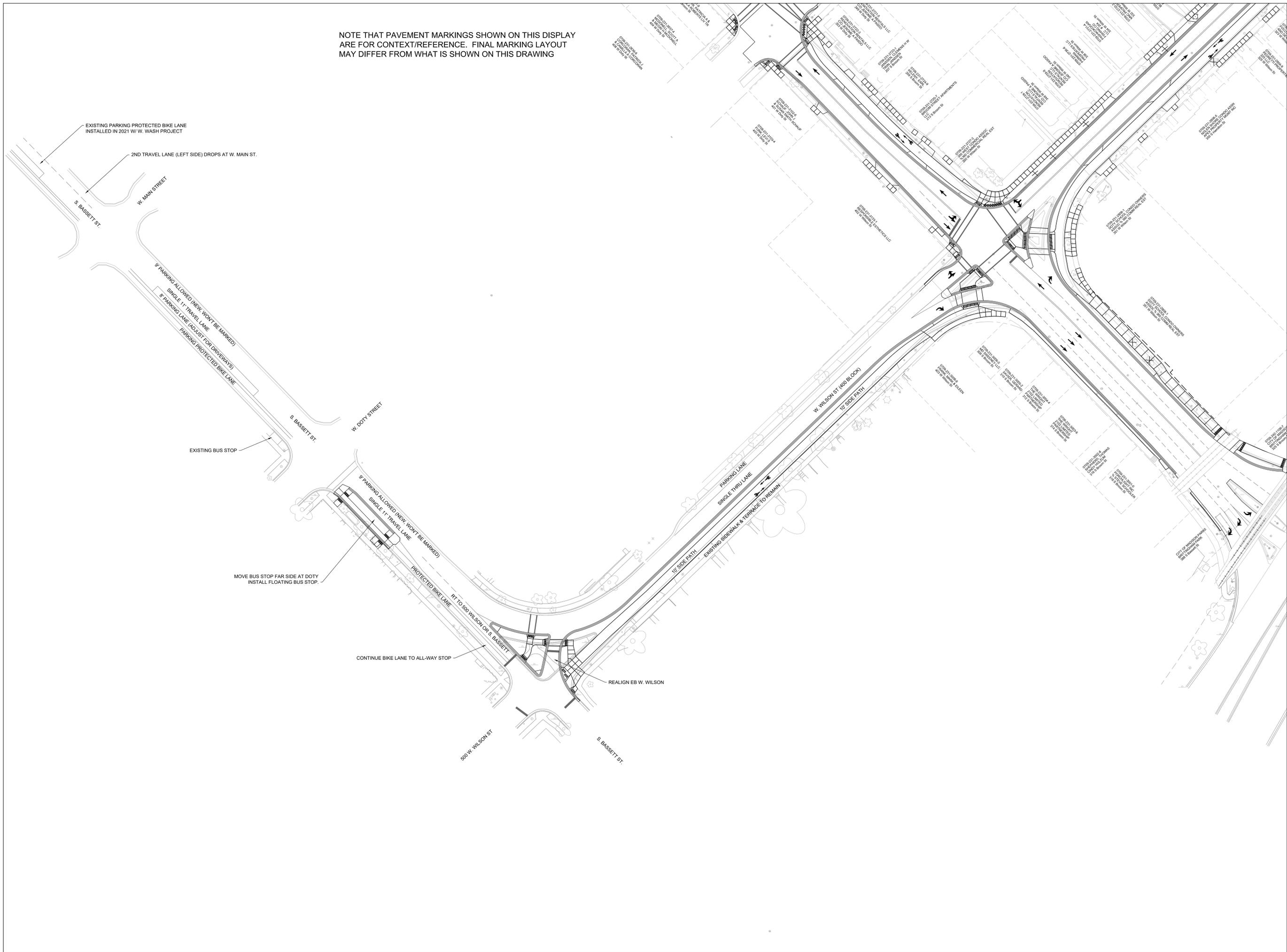


Additional Street Work

- ▶ Extend two-way path on 400 block W. Wilson
 - Continued on the southerly side
- ▶ Continue single travel lane on Bassett towards Broom
 - Reconstruct of Wilson/Broom intersection remains same design with thru/left lane & right turn lane
- ▶ Reconfigure intersection of Wilson & Bassett

- ▶ Review Plan of additional work on Bassett & 400 block of W. Wilson

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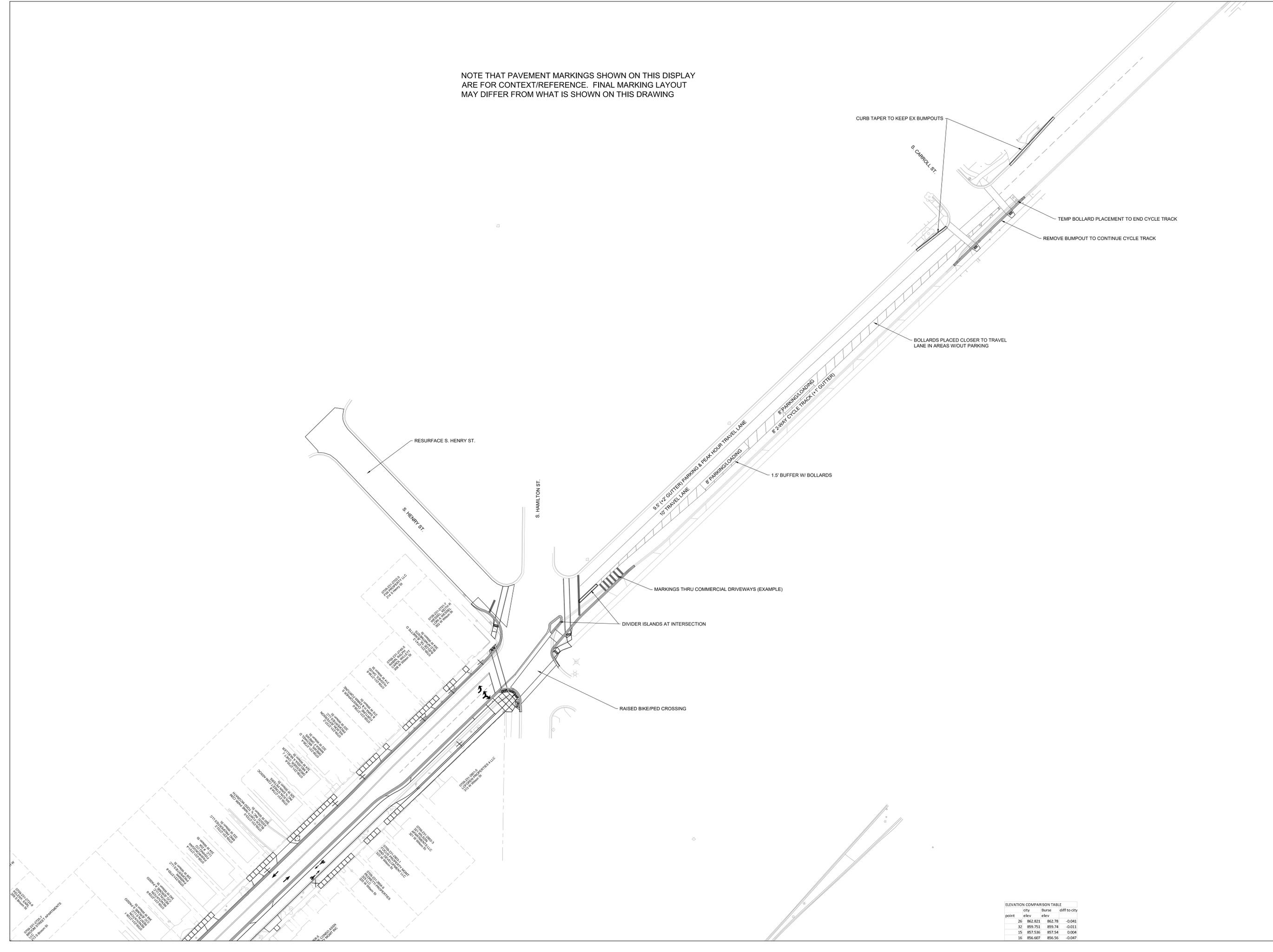


Additional Street Work

- ▶ Extend two-way cycle track up Wilson to Carroll
 - Per Wilson Corridor Study recommendations
 - Will look similar to Bassett lane, but wider for 2-way
- ▶ Recommendation for raised crossing at Hamilton/Henry from watershed study

- ▶ Review Plan of additional work on Wilson

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ELEVATION COMPARISON TABLE

point	city elev	Buse elev	diff to city
26	862.821	862.78	-0.041
32	859.751	859.74	-0.011
15	857.536	857.54	0.004
16	856.607	856.56	-0.047

Construction Schedule & Impacts

- ▶ Anticipated Schedule
 - City work to begin in early June
 - Other utility work will likely start in advance
 - Construction to last through October
- ▶ During construction, work hours will be limited to 7AM to 7PM Mon–Sat, 10AM–7PM Sun
- ▶ Water main construction will result in an average of 2 water shut-offs to each property
 - Potential for breaks during construction, which may result in emergency shut-offs

Construction Traffic Impacts

- ▶ Staging of project will likely be complicated
- ▶ Wilson St.: maintain 1 outbound travel lane, close inbound travel when Broom is open
- ▶ Broom (JND to Wilson): maintain 1 travel lane in both directions
- ▶ Broom (Wilson to Doty): full closure
- ▶ Maintain pedestrian access on 1 side
- ▶ Driveway access during construction
 - Maintain access to commercial (5 stalls or more)
 - Residential driveways (< 5 stalls) closed up 3 weeks
 - Short duration closures at times for utility work

Old Assessment Policy

Item	Property Owner Share	City Share
Curb and Gutter	50%	50%
Pavement	0%	100%
Replace Sidewalk/Apron	50%	50%
Cycle tracks	0%	100%
Storm Sewer	0%	100%
Private Storm Connects	100%	0%
Sanitary Sewer Main	0%	100%
Sanitary Sewer Laterals	25%	75%
Water main & services	0%	100%
Pedestrian & Street Lights	100%	0%

Current Assessment Policy

Item	Property Owner Share	City Share
Curb and Gutter	0%	100%
10' of Pavement on each side*	100%	100%
Remaining width of pavement, added thickness & gravel base	0%	100%
Replace Sidewalk	0%	100%
Replace Driveway Apron	50%	50%
Cycle tracks & bus stops	0%	100%
Storm Sewer	0%	100%
Private Storm Connects	100%	0%
Sanitary Sewer Main	0%	100%
Sanitary Sewer Laterals	25%	75%
Water main & services	0%	100%
Pedestrian & Street Lights	100%	0%

*Assessed per linear feet of frontage

Assessment Policy & Costs

- ▶ Revised Assessments based on current policy to be mailed 1/27/23
 - Properties on S. Henry will be assessed for resurfacing
- ▶ Final assessments will be calculated based on:
 - Measured quantities & bid prices for some items
 - Aprons, sewer laterals, lighting
 - Established assessment rates for street work
- ▶ Final assessments will be mailed in the summer following the project completion (2024)
- ▶ Assessments can be paid in lump sum or over 8 years with 4% interest

Project Timeline – Approvals Completed for Reconstruction Project

- ▶ Transportation Commission: 8/26/20 & 9/16/20
- ▶ Geometrics at BPW: 9/16/20
- ▶ Mail Assessments: 10/9/20
- ▶ BPW Public Hearing: 10/21/20
- ▶ CC Hearing & Approval: 11/17/20

Current Project Timeline

- ▶ **Transportation Commission: 12/14/22**
 - Reviewed & provided recommendations on design of expanded bike facilities
- ▶ **Mail Revised Assessments: 1/27/23**
- ▶ **BPW Public Hearing: 2/8/23**
- ▶ **CC Hearing & Final Approval: 2/28/23**
- ▶ **Undergrounding District: TBD – spring 2023**
 - Once established, properties will have 24 months to upgrade properties as necessary to received underground services

Project Contacts

- ▶ Project Engineer: Jim Wolfe, 266-4099, jwolfe@cityofmadison.com
- ▶ Storm & Sanitary Sewer: Kyle Frank, 266-4098, kfrank@cityofmadison.com
- ▶ Traffic, Signals & Lighting: Gretchen Aviles, 266-4899, gavilespineiro@cityofmadison.com
- ▶ Water: Tim Pearson, 266-4651, tpearson@madisonwater.org

Discussion