



Doncaster Drive, Beverly Road, and Danbury Street Reconstruction

Public Information Meeting
City of Madison Engineering Division
March 21, 2024

Thank you for attending. We will begin shortly...



Rules and Housekeeping Items for this Meeting

- This meeting will be recorded and posted to the City's project page.
- All attendees will be muted during the presentation.
- Use “chat” option if you are having technical issues and a staff person can try to assist.
 - Chat will be disabled once presentation starts.
- After the presentation, participants may ask questions via the “Q&A” option, verbally, or by email.
 - Please use the “Q&A” option at the bottom of the screen to type a question.
 - To ask a question verbally, click the “raise hand” option at the bottom of your screen and the host will unmute you.
 - Email a question to Ngutierrez@cityofmadison.com

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 reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a Microsoft Excel spreadsheet showing a calendar for 2019 and 2020. The spreadsheet has columns for months and rows for years. A "City of Madison" logo is visible in the top right corner of the shared screen. In the foreground, there are two audio control buttons: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is highlighted with a red arrow pointing to it. At the bottom of the Zoom window, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is located in the bottom right corner.

↑ Join audio to ensure you will be able to hear the speaker



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Raise your hand to be unmuted and ask questions after the meeting



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

How to Participate

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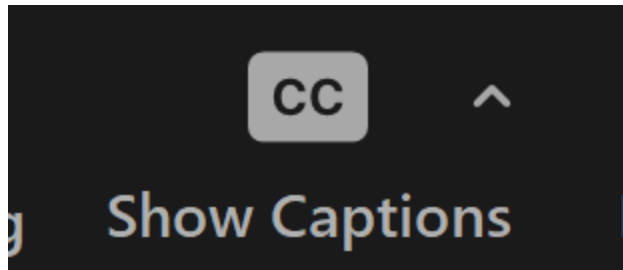
To leave the meeting click here

CITY OF MADISON



Closed Captioning

- If you'd like to enable closed captioning, click “show closed captions” button on the bottom of the screen.
- This may already be enabled. If this is not enabled, click the button to allow closed captioning.



Presentation Overview

Thank You for participating!

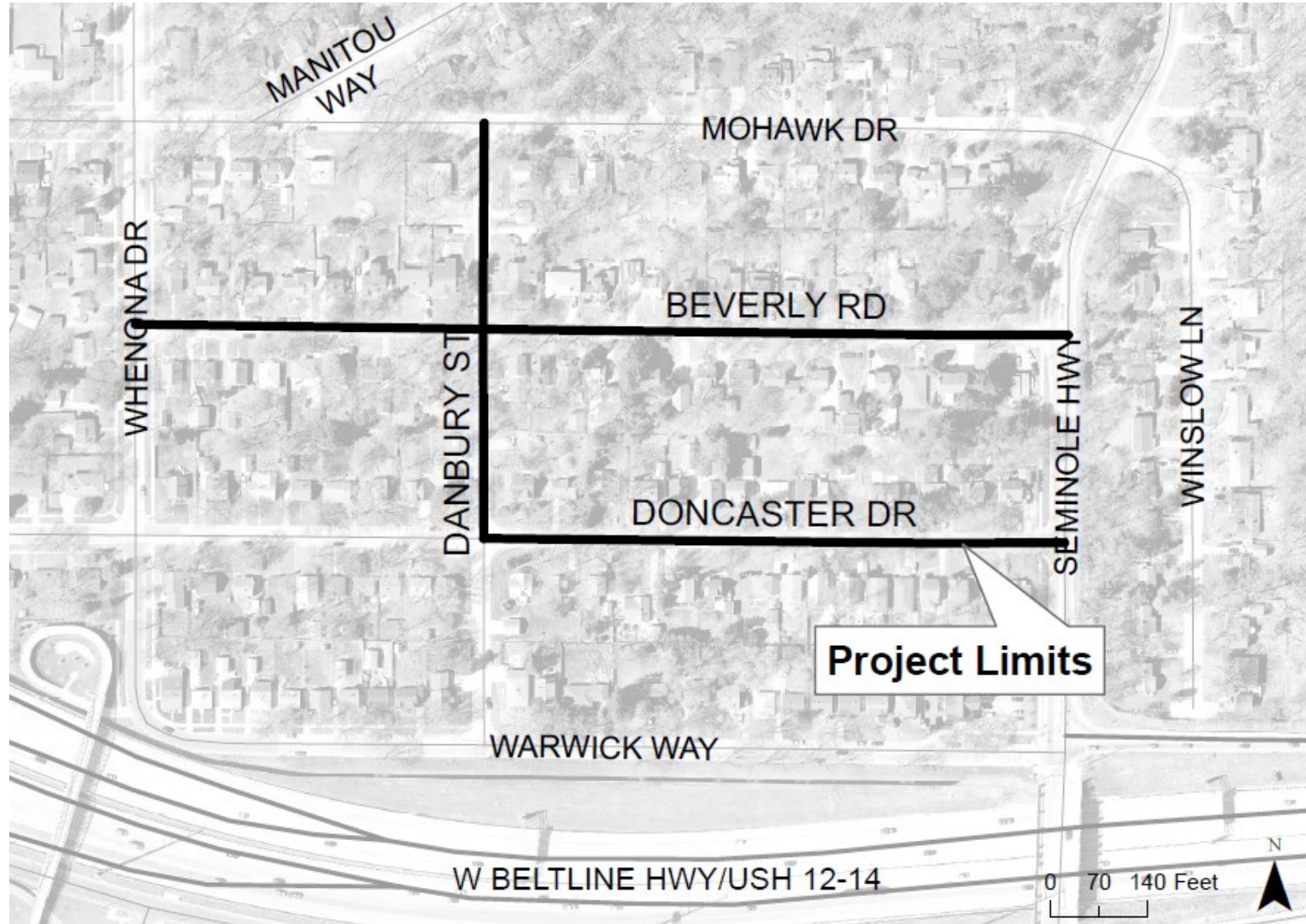
- Welcome (Hannah Mohelnitzky, Public Information Officer, City of Madison)
- Introduction (Alder Yannette Figueroa Cole, District 10)
- Presentation (Mario Galindez – City of Madison)
- Q&A (facilitated by Hannah Mohelnitzky)
 - Assisted by:
 - Andy Zwieg, PE, Principal Engineer, City of Madison
 - Renee Callaway, Pedestrian Bicycle Administrator, City of Madison
 - Jeremy Nash, Traffic Engineer, City of Madison
 - Eric Cefalu, Sewer Engineer, City of Madison
 - Tim Pearson, Water Engineer, City of Madison
- Presentation available on the website:
 - <https://www.cityofmadison.com/engineering/projects/doncaster-beverly-danbury-reconstruction>



Presentation Overview

- **Project Location**
- Meeting Purpose
- Vision Zero
- Complete Green Streets
- Existing Conditions
- Proposed Street Design
- Proposed Street Design Options
- Questionnaire Results
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- Terrace Rain Gardens
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Project Location



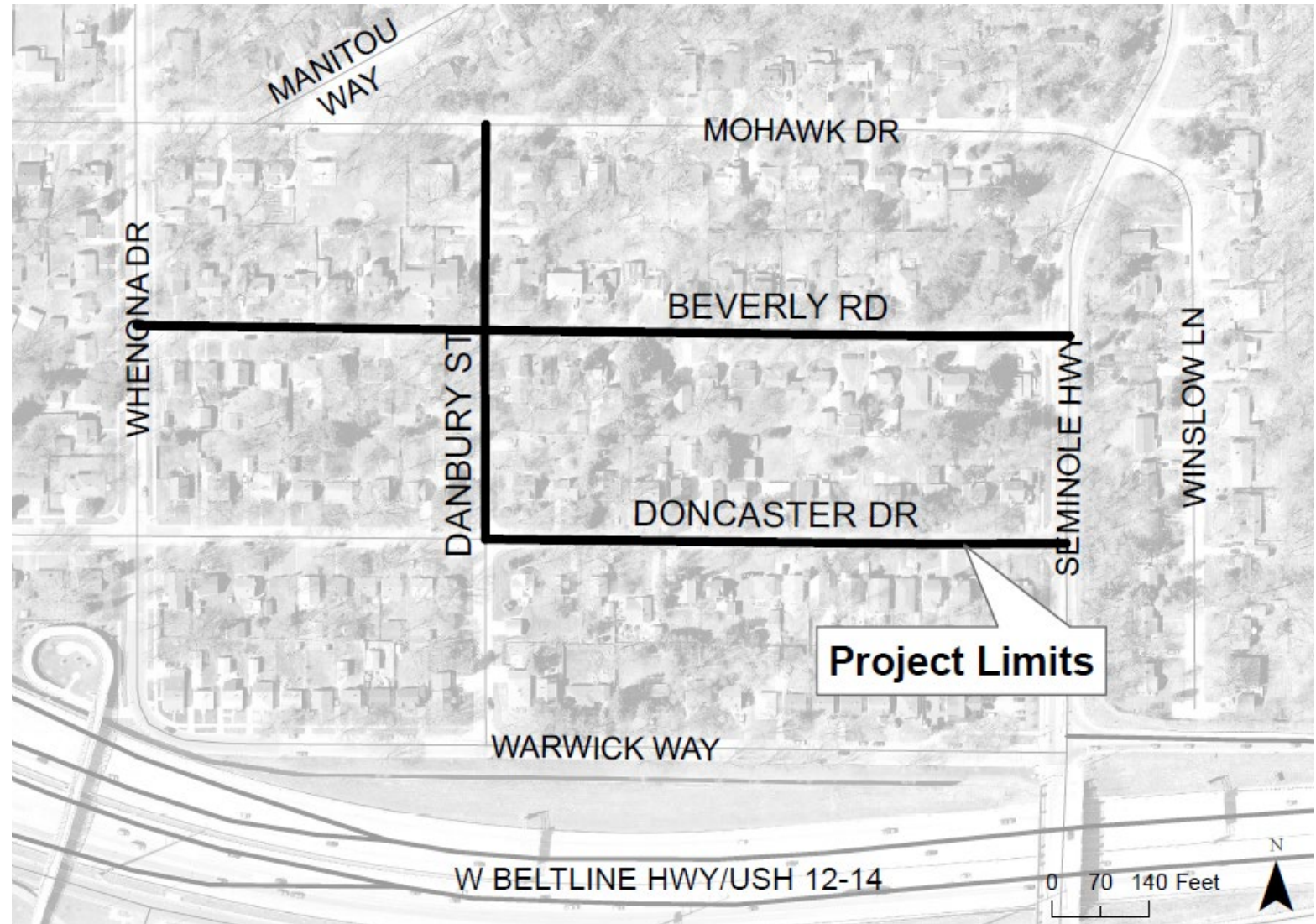
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Meeting Purpose

- To present and gain public feedback for the street layout options
- To inform residents about assessment policies
- To inform the public on the approval schedule and construction access
- To remind the public to fill-out the online questionnaire



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VISION ZERO MADISON



- Initiative to eliminate traffic deaths and severe injuries on City streets by 2035
- Increase safe, healthy, equitable mobility for all ages and abilities

- No Current Walking Facilities
- No sidewalk within the project limits
- Pedestrians share travel lane with motor vehicles on Doncaster Drive, Beverly Road, and Danbury Street

VISION
ZERO
MADISON

ACTION PLAN
2020 - 2035

CITY OF MADISON

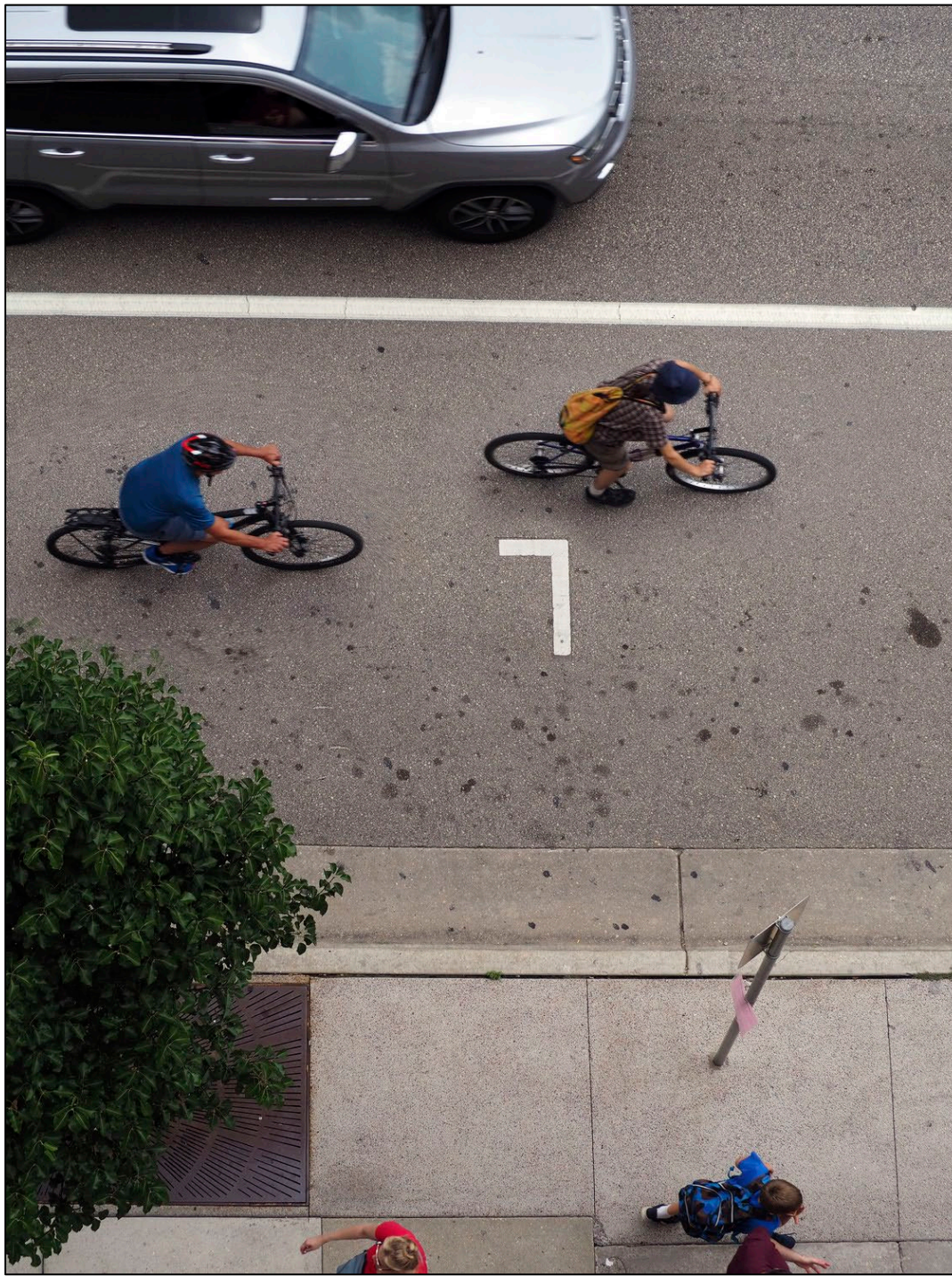


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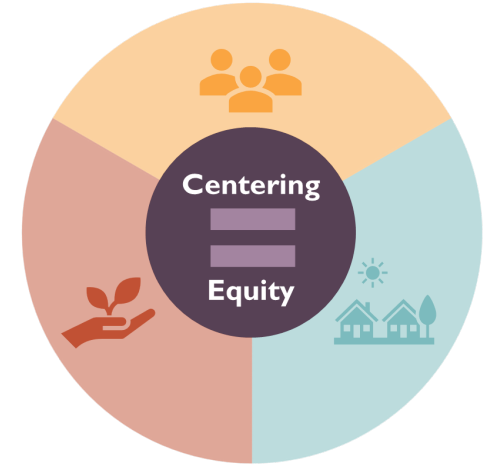
City of Madison

Complete Green Streets Guide



STREET VALUES

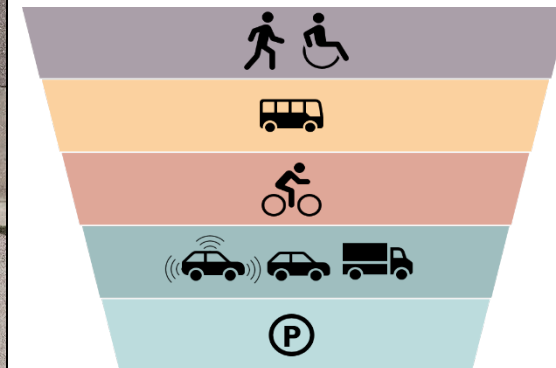
Putting People First



Fostering Sustainability

Supporting Community

MODAL HIERARCHY



Approved January 6, 2023

MADISON





Principles of Complete Green Streets

- Streets are for everyone, no matter who they are or how they travel.
- There is no one design but instead each design considers the specific context of the neighborhood and street.
- Streets are designed and operated to prioritize safety, comfort and access for all users.
- Green infrastructure integrates sustainability in the right of way to help our City be more resilient and helps provide a welcoming public place.

COMPLETE GREEN STREETS – STREET TYPE

Neighborhood Yield Street

Context: Residential neighborhood

Description: Many older neighborhood streets fall within this street type. May allow parking only on one side. Does NOT allow two drivers to pass each other (one must give way) when parked vehicles are present, which provides a traffic calming effect.

Target Speed: 20 mph or less



Zone Priorities and Preferred Elements for Each Zone

Walkway High Priority	Flex Zone Medium Priority	Travelway Low Priority'	Additional Considerations
Standard sidewalks, with landscaping between the sidewalk and homes or buildings. May shift closer to or farther from the street to avoid impacting canopy trees.	Landscaped terrace with street trees. May straddle the walkway when the walkway is close to the street to avoid impacting existing canopy trees. On-street parking on one or both sides common.	Two-way travel without lane markings. No dedicated bikeway unless traffic volumes are above 3,000 ADT.	Speed management, parking demand to determine type and amount of on-street parking.

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Existing Conditions – Doncaster Drive, Beverly Road, and Danbury Street

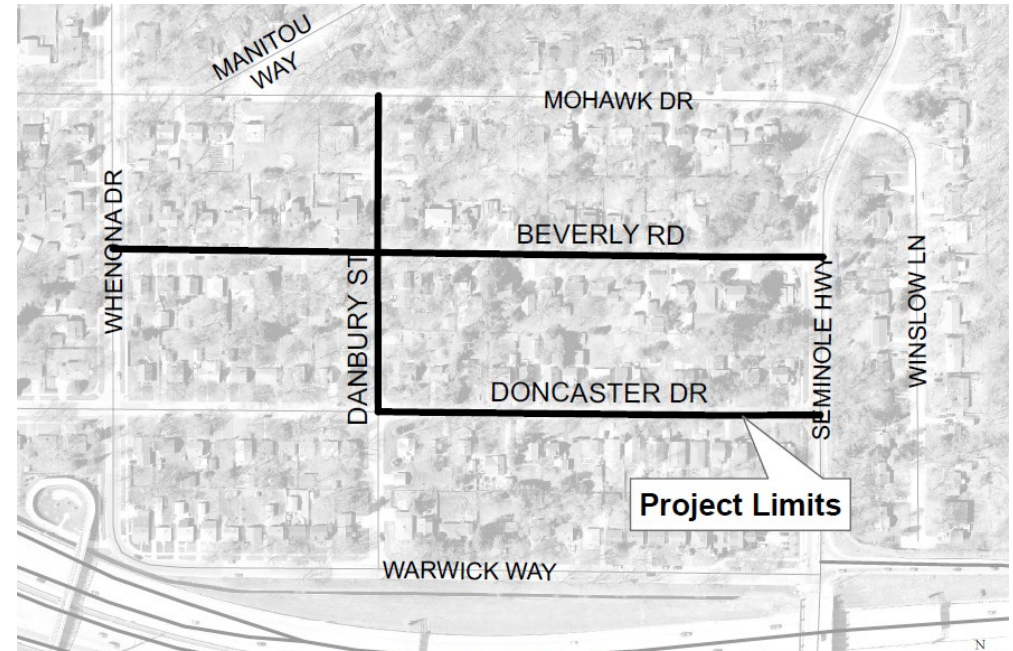
Item	Existing Condition (Riverside Dr- Division St)
Last Surfaced	1949 – Constructed
Pavement Surface Evaluation & Rating	3/10 – structural improvement required, over 50% of pavement is cracked & deteriorated
Curb Rating	None
Width	24-28' – probable erosion
Surface	Asphalt
Sidewalk	None
Sanitary	6"-8" VCP 1945 – located in the street
Water	6" Sand Cast Iron 1938, located on the street
Storm	At intersections on edges of project, varies

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Proposed Street Design

- Street reconstruction
 - Replace
 - Asphalt pavement
 - Gravel base
 - Driveway aprons
 - New
 - Curb & gutter
 - Sidewalk
 - 2.5' Terrace (includes back of curb)
- Design Options Developed to Reflect Competing Priorities
 - Pedestrian Safety, Convenience, and Accessibility
 - Maintenance of Existing Tree Canopy
 - Proper Street Width

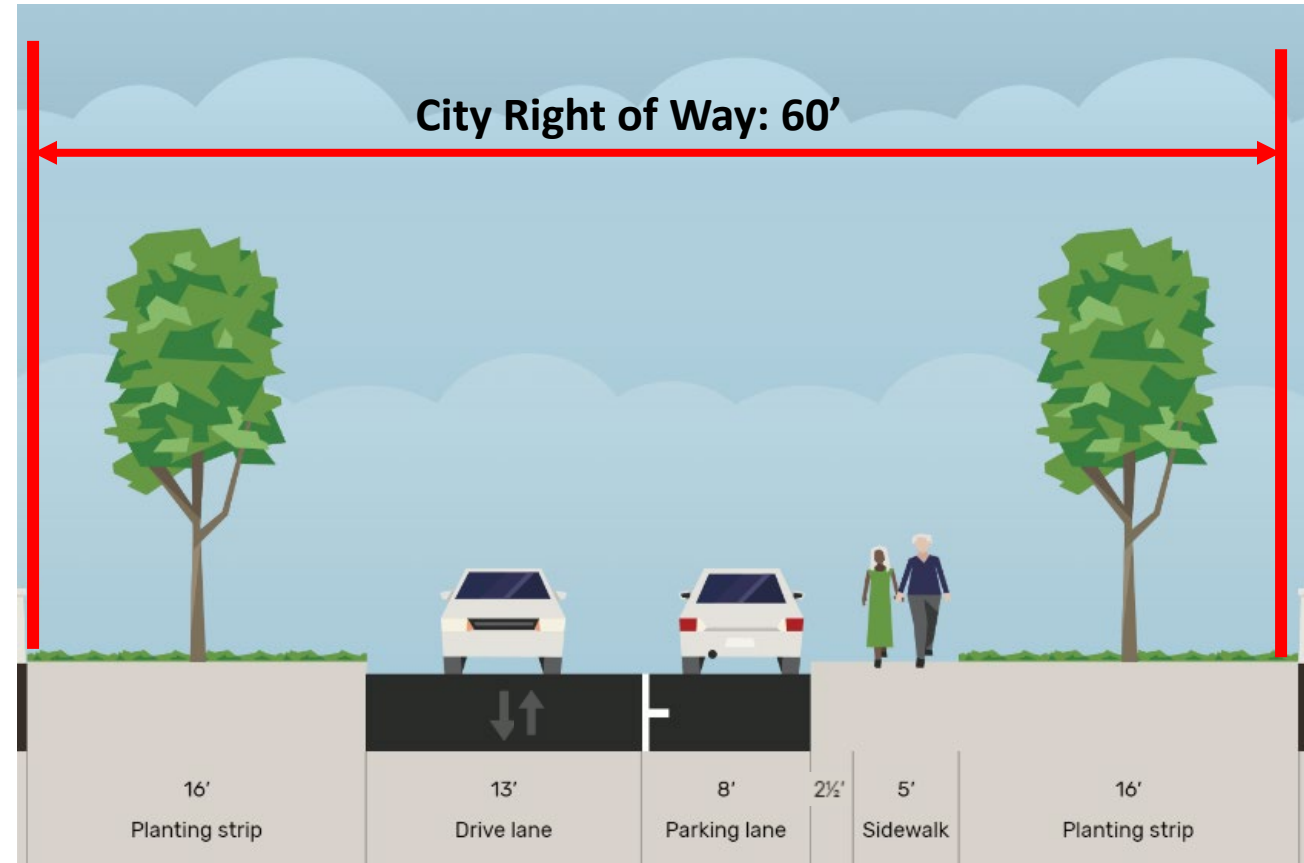


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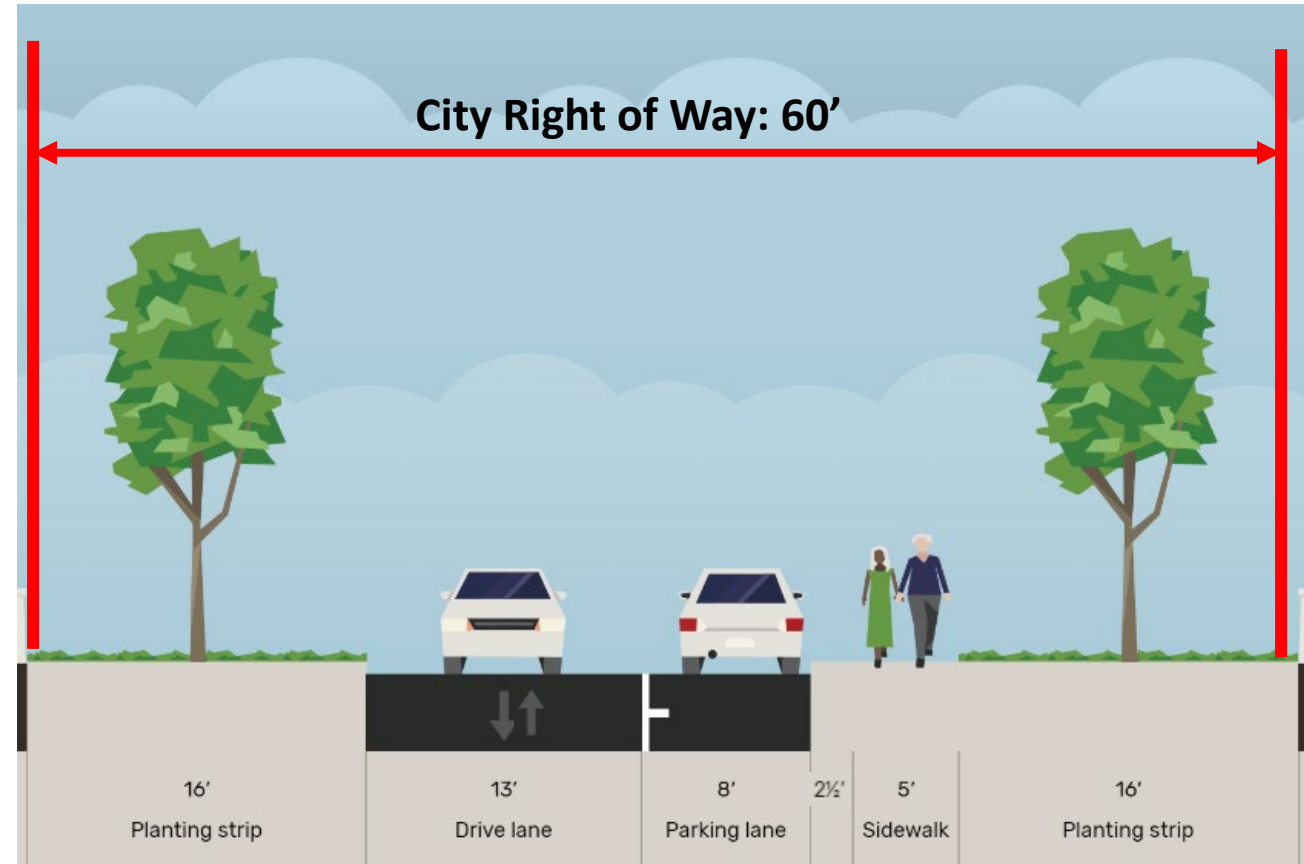
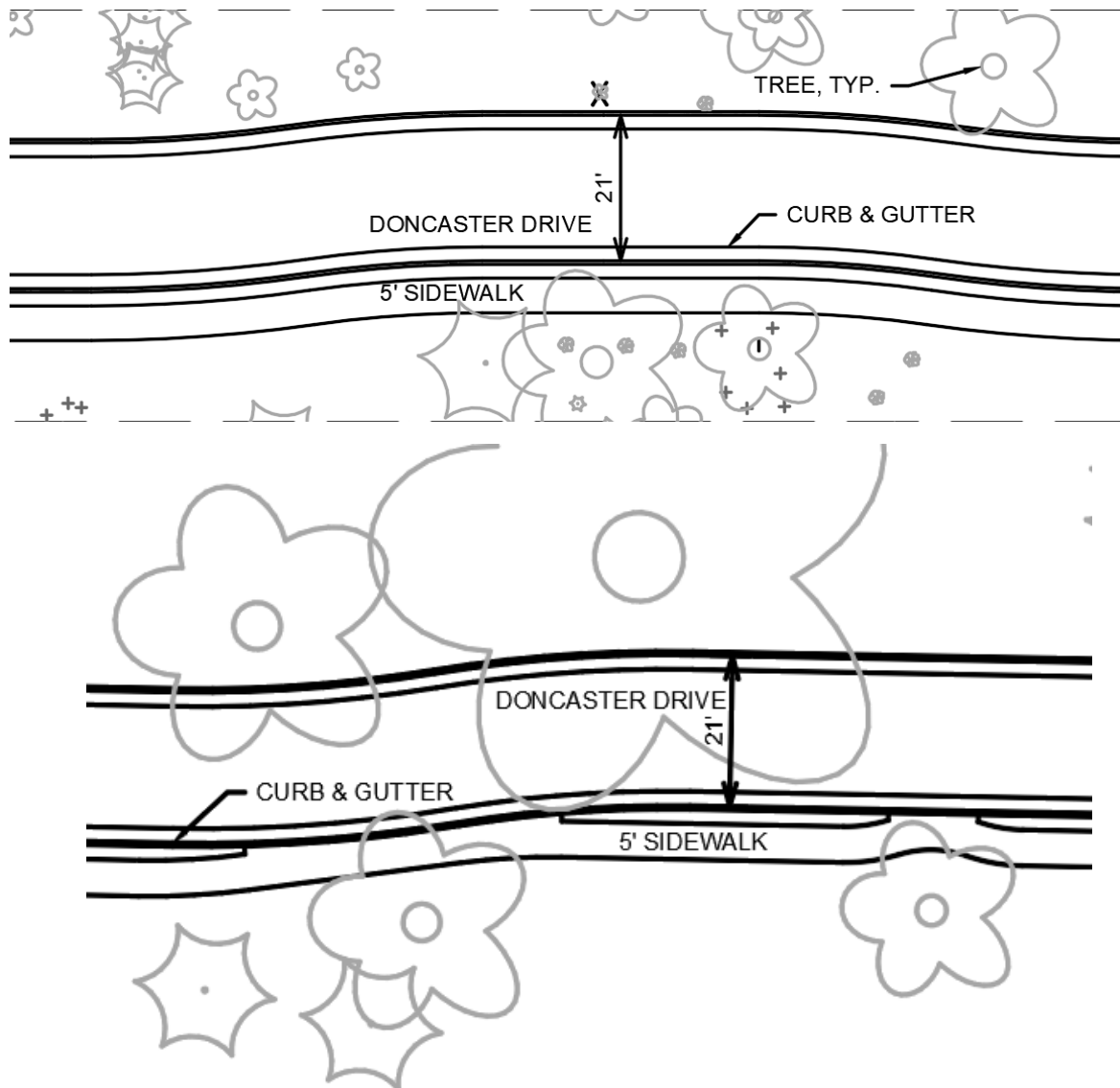
Proposed Street Design Options

- Option A: TREE/TRAFFIC CALMING PRIORITY
 - *Street Width: 21 ft* – narrower than existing
 - *Sidewalk: One (1) side* (South or East)
 - *Road curvature: Yes*, between 2-6' offset to avoid trees
 - *Tree Removals: Approximately four (4) trees* anticipated to be removed
 - *Traffic calming effects: High*, because of some difficulty passing vehicles and curvature adding complexity
 - *Parking: One (1) side*
 - *Terrace: 2.5'* (2 ft grass, 0.5' curb head)



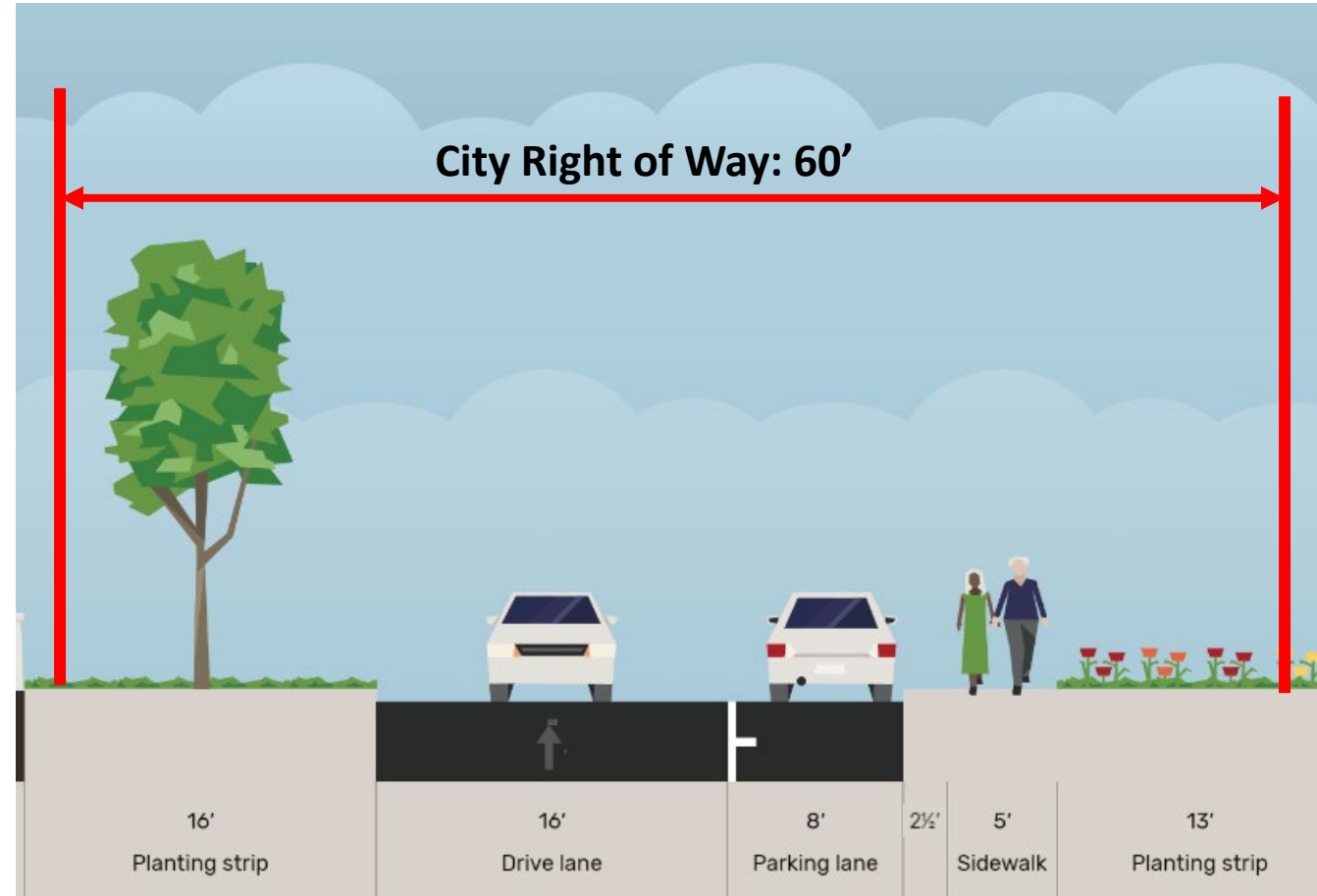
Proposed Street Design Options

- Option A: Curvature Examples



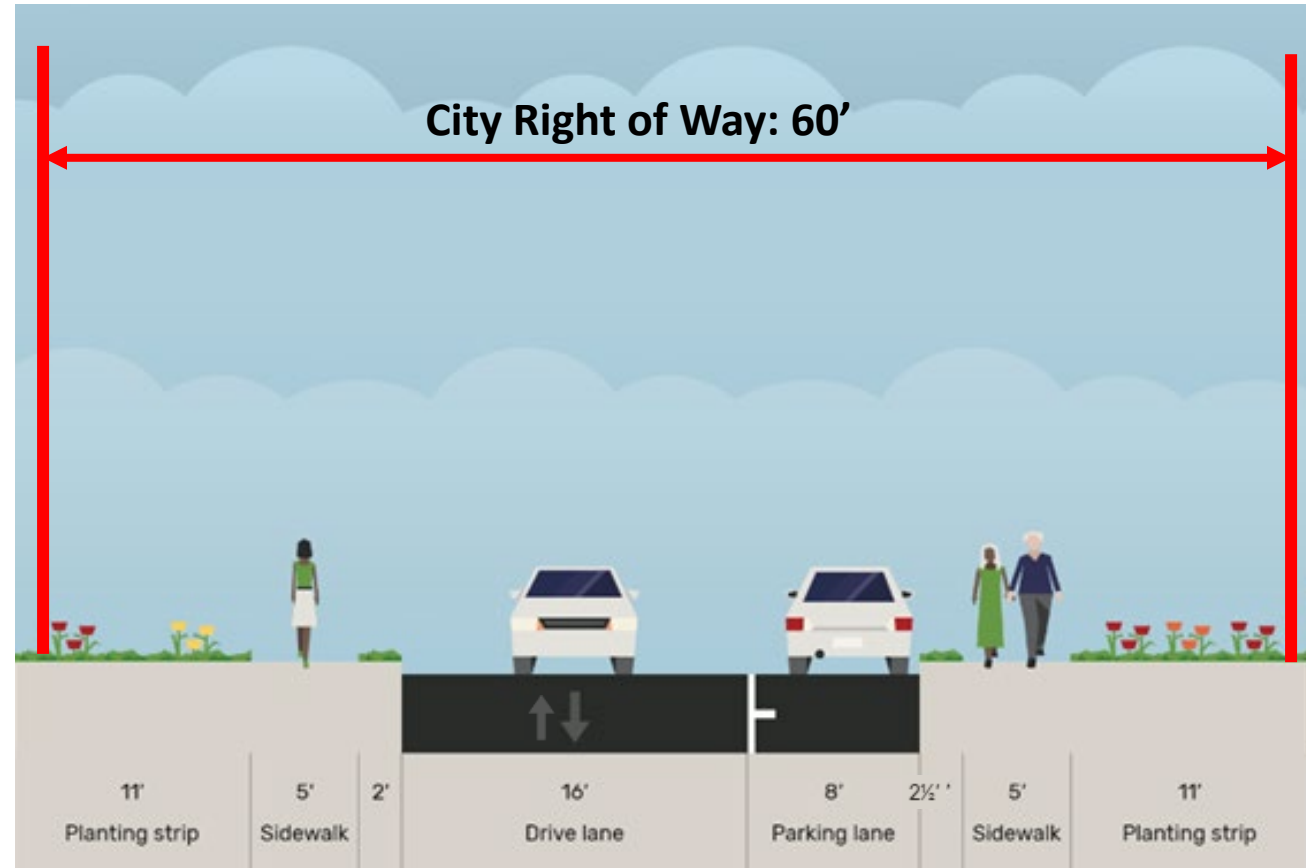
Proposed Street Design Options

- Option B: MIDDLE WAY/STANDARD WIDTH
 - *Street Width: 24 ft* – slightly narrower than existing
 - *Sidewalk: One (1) side* (South or East)
 - *Road curvature: Yes*, fewer and less pronounced than option A
 - *Tree Removals: Approximately twenty (20) trees* anticipated to be removed
 - *Traffic calming effects: Medium*, because of some difficulty passing vehicles and some curvature adding complexity
 - *Parking: One (1) side*
 - *Terrace: 2.5'* (2 ft grass, 0.5' curb head)



Proposed Street Design Options

- Option C: PEDESTRIAN PRIORITY/CITY STANDARD
 - *Street Width: 24 ft* – slightly narrower than existing
 - *Sidewalk: Both sides*
 - *Road curvature: No*, would not provide reduction in tree removals
 - *Tree Removals: Approximately fifty-five (55) trees* anticipated to be removed
 - *Traffic calming effects: Low*, because of some difficulty passing vehicles
 - *Parking: One (1) side*
 - *Terrace: 2.5'* (2 ft grass, 0.5' curb head)

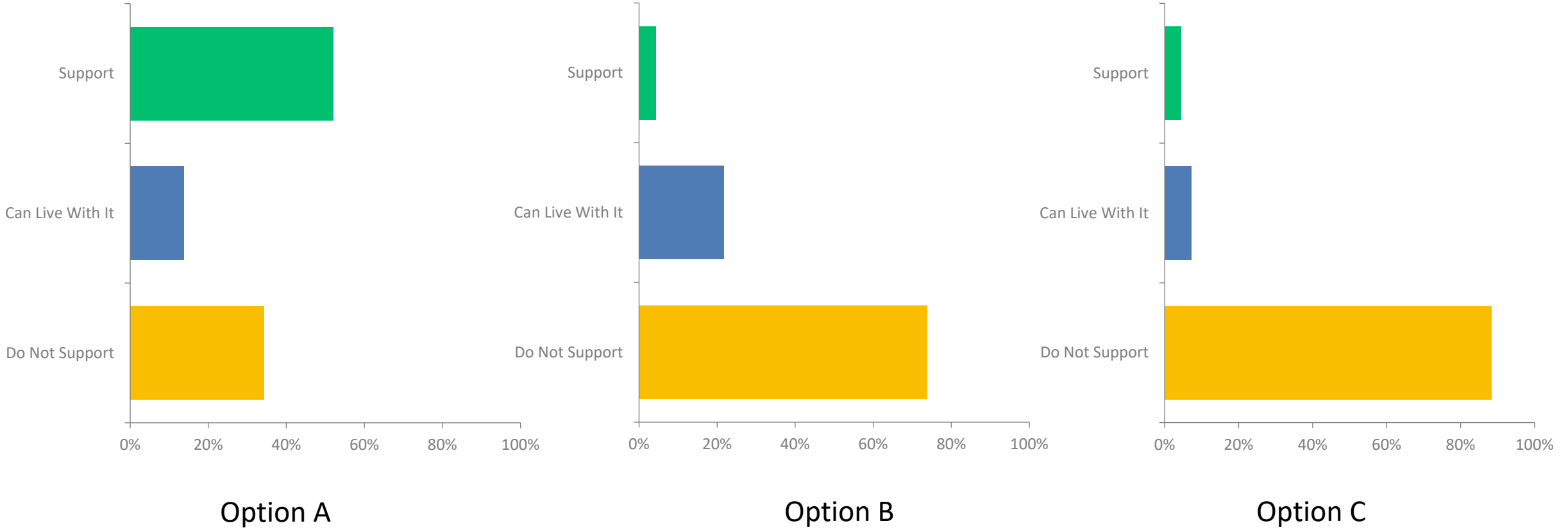


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Questionnaire Results

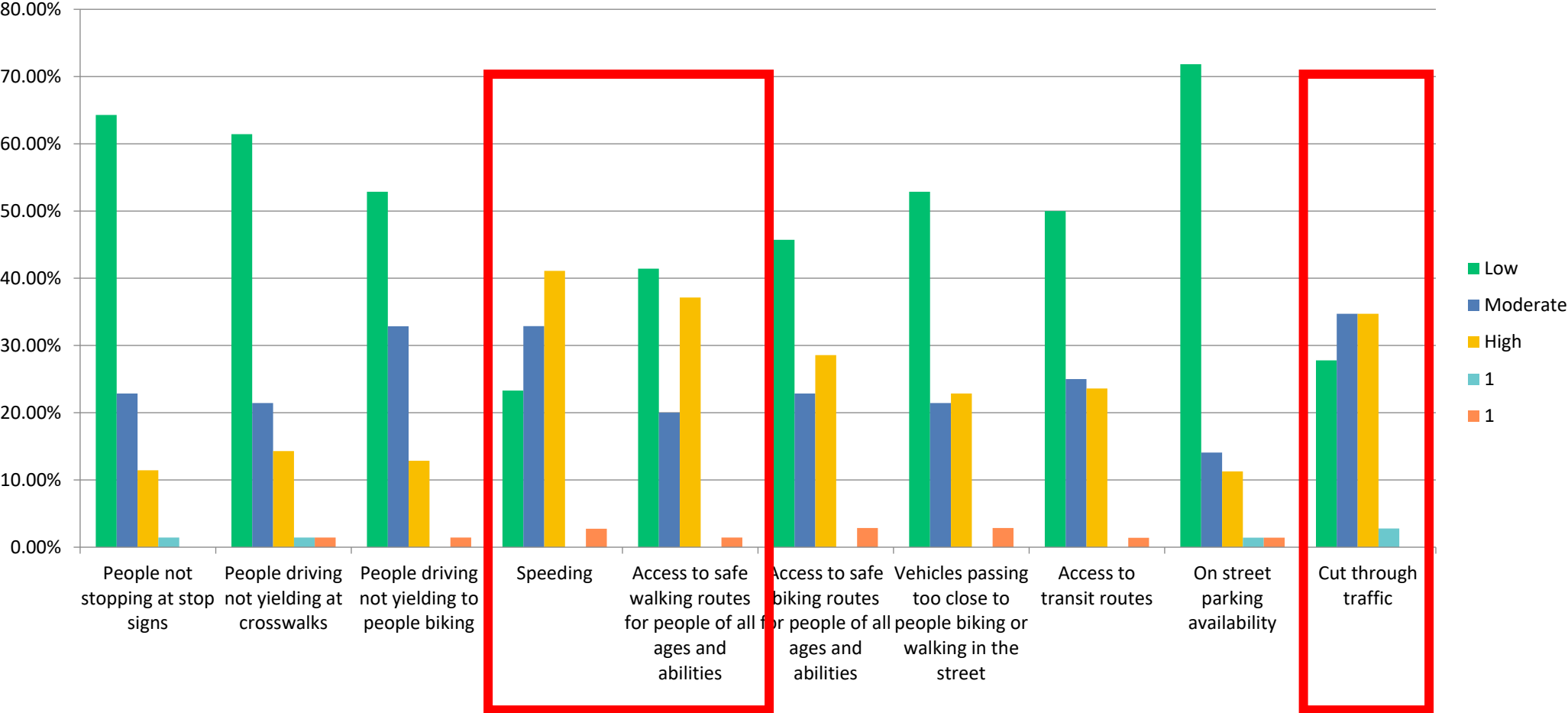
- Design options preliminary results
 - 73 responses



Questionnaire Results

○ Preliminary results

What are your key concerns about transportation as you move around the neighborhood? Please rate the following depending on whether you consider it a low, moderate or high concern for your neighborhood.

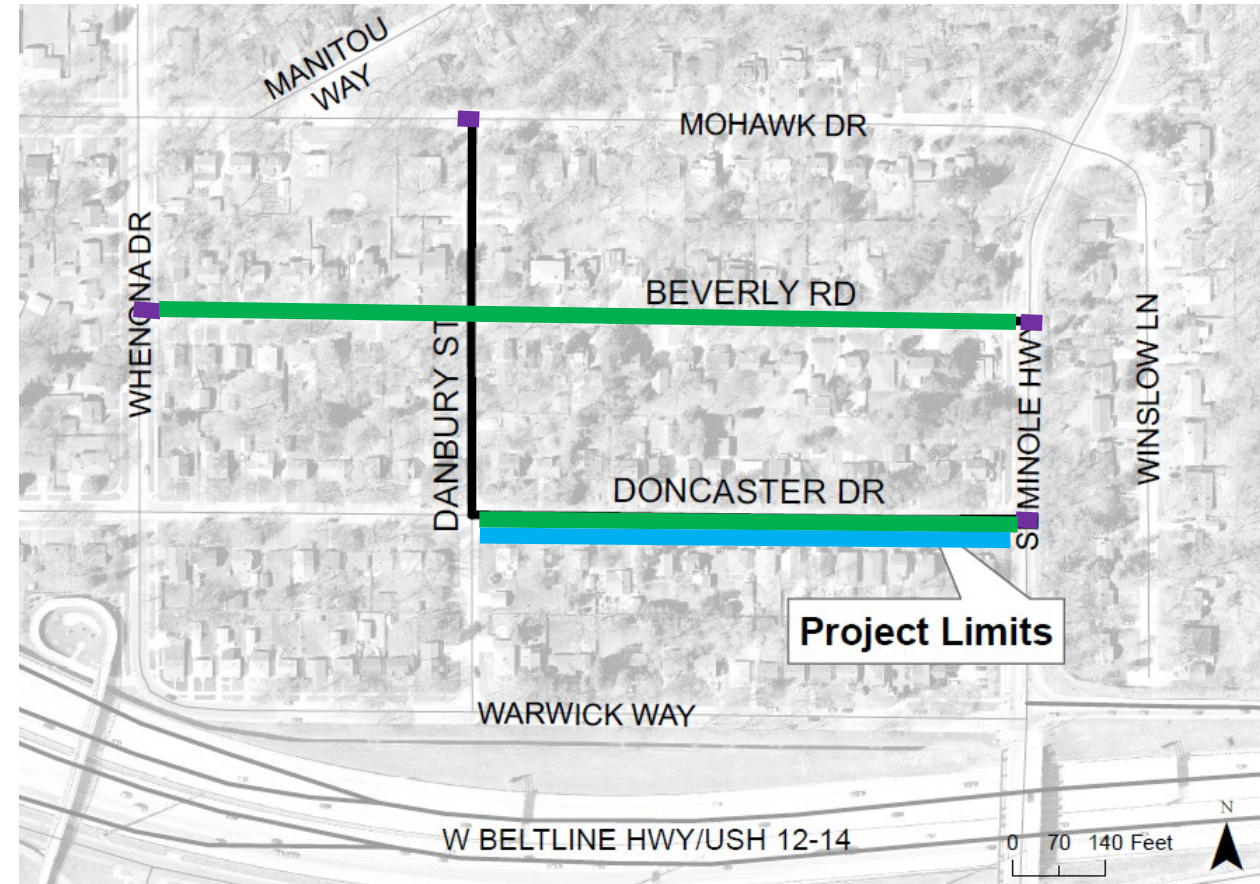


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Proposed Utility Design

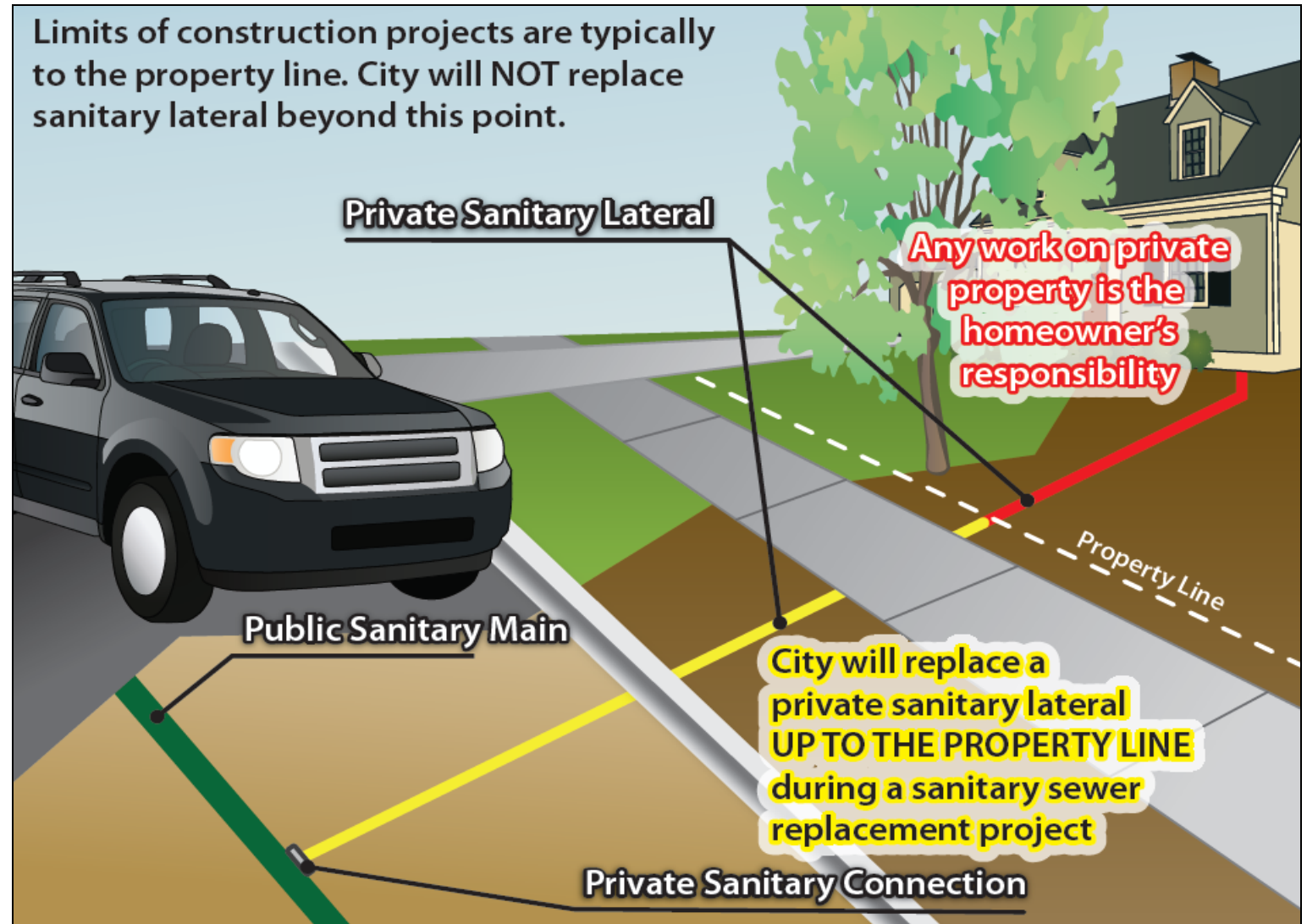
- Doncaster Drive, Beverly Road, Danbury Street
 - Existing sanitary sewer & laterals to be replaced
 - Existing water main to remain on Beverly and Danbury
 - Doncaster water main to be replaced
 - Relocate hydrants as needed
 - Relocate laterals as needed
 - Storm improvements near project limits
 - Bioretention and/or rain gardens – at resident request where possible



- New Water Main
- New Sanitary Sewer
- Possible Storm Improvements

Proposed Utility Design – Sewer Lateral

- Sanitary Sewer Lateral Installation
 - Replace to property line
 - Laterals will be reconnected
 - Work beyond the property line is the property owner's responsibility



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Terrace Rain Gardens



terrace rain garden



- Collect the stormwater runoff from the road
- 1 foot deep (from top of the curb)
- Constructed and planted by the city
 - Use native vegetation
- Maintenance is done by the residents
 - Guides are available
- Just over \$100 cost to residents
 - City pays \$3,000 for construction and planting
- Residents receive \$5 off Municipal services bill each month.

Terrace Rain Gardens

▶ Criteria

- Terrace (area between curb & sidewalk) must be at least 10 feet wide
- At least be 15 feet long
- Rain garden to be at least 10 feet from small trees, 15 feet from large trees
- Driveways and sidewalk ramps need to be at least 4 feet from edge of rain garden
- Can't obstruct intersection sight lines
- Needs to overflow back into the curb, away from the sidewalk/house
- Terraces cannot be too steep (in any direction)
- Street cross section options
 - Options A and B allow rain gardens on the non-sidewalk side
 - Option C does not allow rain gardens, unless a standard terrace width is adopted

Terrace Rain Garden

- Interested?
- City will determine whether or not your terrace is suitable
- Contact Sarah Lerner directly
 - Email: slerner@cityofmadison.com
 - Phone: 608-261-8592



terrace rain garden

- You can learn more at: www.cityofmadison.com/TerraceRainGardens

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Forestry Information

- City Engineering has reviewed the project with City Forestry & a Forestry representative will work with the City design team, City Construction Inspector, and Contractor during construction
- Trees will be pruned prior to construction to provide required clearance above street
- Location of known tree removals
 - Dependent on which option is chosen
- Methods of tree protection include:
 - Adjusting curb and sidewalk construction methods and vertical elevation of the street
 - Adjusting sanitary and water laterals
- Shrubs within right-of-way likely removed during construction
- Property owners will be notified if a tree needs to be removed during construction
- After project completion, Forestry will evaluate the right of way for potential tree planting locations

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Assessment Policy & Costs

- Special charge for work being done that has a direct benefit to the property
- Preliminary assessments mailed during design phase
 - Based on estimated quantities
 - Unit prices for driveways, pavement reconstruction, and terrace walks are based on 2024 street improvements rates
 - Rates are an average of last 3 years of construction costs
 - Unit prices for sanitary laterals and private storm sewer connections based on estimated prices
- Assessment can be paid in lump sum or typical over 8 years with a 5% interest
- Final assessments are billed after project completion
 - Based measure quantities
 - Unit prices for driveways, pavement reconstruction, terrace walks will not change from preliminary
 - Unit prices for sanitary laterals and private sewer connections based on bid prices
 - Mailed in 2025

Assessment Policy & Costs

Doncaster Drive, Beverly Road, and Danbury Street

Item	Property Owner Share	City Share
10' Pavement Replacement*	100%	0%
Driveway Apron	50%	50%
Terrace Walk Replacement (between sidewalk & curb)	50%	50%
Sidewalk New/Replacement	0%	100%
Curb & Gutter New/Replacement	0%	100%
Intersection Curb & Pavement	0%	100%
Sanitary Sewer Main	0%	100%
Sanitary Sewer Lateral	25%	75%
Storm Sewer Main	0%	100%
Private Storm Connections (if any)	100%	0%

*Assessed per linear feet of frontage



Assessment Policy & Costs

- Approximate Doncaster Drive, Beverly Road, and Danbury Street
 - Street Reconstruction
 - Approx. driveway apron replacement: between \$900 (small dwy) and \$1,800 (large dwy)
 - Approx. 10' pavement replacement: \$44.52 per ft.
 - 50% discount for corner lots
 - Approx. Sewer lateral replacement: \$3,000.00
 - Estimate for 50 feet of lot frontage: \$6,000-\$7,000
 - Sidewalk not assessed
 - Curb & gutter not assessed

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Project Approval Schedule

- March 27, 2024: Transportation Commission
 - Engineering staff will present street layout options and recommend one for approval
- April 5, 2024: Mail Estimated Assessment
- April 17, 2024: Approving Plans, Specifications, and Assessments; Board of Public Works Hearing
 - Engineering staff will recommend a street layout option for approval
- May 7, 2024: Approving Plans, Specifications, and Assessments; Common Council Public Hearing



Construction & Access

- Doncaster Drive, Beverly Road, and Danbury Street
 - Full right-of-way area will be disturbed during construction for the installation of sidewalk, storage of materials, and moving equipment around
 - If you wish to save any landscaping or stone/brick pavers, please remove prior to the start of work in Fall of 2024
 - Contractor will remove existing mailbox, store, install temporary, & reinstall after the project is complete
- All disturbed grass areas will be restored with topsoil, seed, and erosion matting – looking into using native grasses instead: better for erosion, less mowing required

Construction & Access

- Closed to through traffic, local traffic only
- Residential driveway access will be maintained during most of construction but closed up to a cumulative total of 20 days, residents are notified before
 - Not accessible when contractor is working directly in front
 - Closed when curb, sidewalk, and driveway apron installed
- Allowed working hours are 7:00 am to 7:00 pm Monday-Saturday, & 10:00 am to 7:00 pm Sundays
 - Street parking allowed outside of working hours only
- Construction:
 - Phase 1: Late Summer – Fall 2024: *Approx 3 months*
 - Possible Phase 2 if not completed in the fall: Spring 2025 *Approx 1-2 months*

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Next Steps

- Up coming opportunities for public involvement
 - Fill out the questionnaire
 - Sign-up for project email updates on the website
 - Transportation Commission meeting (3/27/24)
 - Board of Public Works meeting (4/17/24)
 - Common Council meeting (5/7/24)
- Public notified via website updates and/or mailing
 - <https://www.cityofmadison.com/engineering/projects/doncaster-beverly-danbury-reconstruction>

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Contact Information & Resources

Thank You for Attending!

- Questions
 - Please use the **“Q&A”** option at the bottom of the screen to type a question.
 - To ask a question verbally, click the **“raise hand”** option at the bottom of your screen and the host will unmute you.
- Engineering
 - Mario Galindez, Project Manager, 266-4095, mgalindez@cityofmadison.com
 - Eric Cefalu, Sewer Engineer, 243-5894, ecefulu@cityofmadison.com
 - Sarah Lerner, Rain Garden Contact, 261-8592, slerner@cityofmadison.com
 - Hannah Mohelnitzky, Public Information Officer, 669-3560, hmohelnitzky@cityofmadison.com
- Traffic Engineering
 - Renee Callaway, Pedestrian Bicycle Administrator, 266-6225, ReCallaway@cityofmadison.com
 - Jeremy Nash, Traffic Engineer, 266-6585, jnash@cityofmadison.com
- Water Utility
 - Tim Pearson, Water Engineer, tpearson@madisonwater.org
- Project Website: <https://www.cityofmadison.com/engineering/projects/doncaster-beverly-danbury-reconstruction>
 - Questionnaire will remain open until 3/25/2024 @ 11am
 - Sign-up for project email updates on the website
 - Updates on the design process and construction progress will be posted to the project website
 - Recording for this meeting will be posted on project webpage

