



# W Main St Bike Boulevard Improvements

Public Information Meeting  
City of Madison Engineering Division  
May 17<sup>th</sup>, 2022 @ 6:30pm

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



# Meeting Technical Housekeeping

- This meeting will be **recorded** and posted to the project page.
- All attendees should be **muted** to keep background noise to a minimum.
- Use the **“chat”** button for technical issues with meeting to troubleshoot with staff to assist.
- Use the **“Q and A”** button to type questions about presentation. Questions will be answered live after the presentation.
- Inappropriate questions may be dismissed.
- Use the **“raise your hand”** button to verbally ask your question. You will be prompted to unmute when it is your turn.

**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 webinar 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 shared Excel spreadsheet with a ribbon and a grid. A "City of Madison" logo is visible in the top right corner of the screen. In the center, a dark overlay contains two audio options: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is positioned below these options, with a red arrow pointing to it. At the bottom of the screen, a toolbar includes a "Join Audio" button (with a red arrow pointing to it), "Q&A", "Chat", and "Raise Hand" buttons. A "Leave Webinar" button is located in the bottom right corner.



Make sure to join audio



# 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 with a grid showing months from May 2019 to August 2020. The spreadsheet has columns labeled A through Z and rows 1 and 2. Row 1 contains the name "Sally" in column A. Row 2 contains the months: May, Jun, Jul, Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, Jun, Jul, Aug. The spreadsheet is titled "City of Madison".

Below the spreadsheet, there are two audio options: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is centered below these options. At the bottom of the screen, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Raise Hand" icon. In the bottom right corner, there is a "Leave Webinar" button.

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 reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a shared Microsoft Excel spreadsheet. The spreadsheet's content is as follows:

	A	B	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	Sally																	
2			May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug

Below the spreadsheet, there are two audio options: "Phone Call" and "Computer Audio". A prominent blue button in the center says "Join Audio by Computer". At the bottom of the Zoom interface, there are icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is visible in the bottom right corner.

Use chat if you have technical issues or a question for the panelists



# How to Participate

The screenshot displays a Zoom webinar 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 Zoom interface includes a "Recording" indicator in the top left, a "City of Madison" name tag in the top right, and a "Phone Call" button in the center. A "Computer Audio" button is highlighted with a white box. A blue button labeled "Join Audio by Computer" is positioned below it. At the bottom, a toolbar contains icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Q&A" icon. The "Leave Webinar" button is in the bottom right corner.

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



# 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 with a ribbon and a grid. A "City of Madison" logo is visible in the top right corner of the shared screen. In the center of the meeting window, there are two buttons: "Phone Call" and "Computer Audio". A large blue button labeled "Join Audio by Computer" is positioned below them. At the bottom of the meeting window, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red "Leave Webinar" button is located in the bottom right corner of the meeting window.

To leave the meeting  
click here

CITY OF MADISON



# Presentation Outline

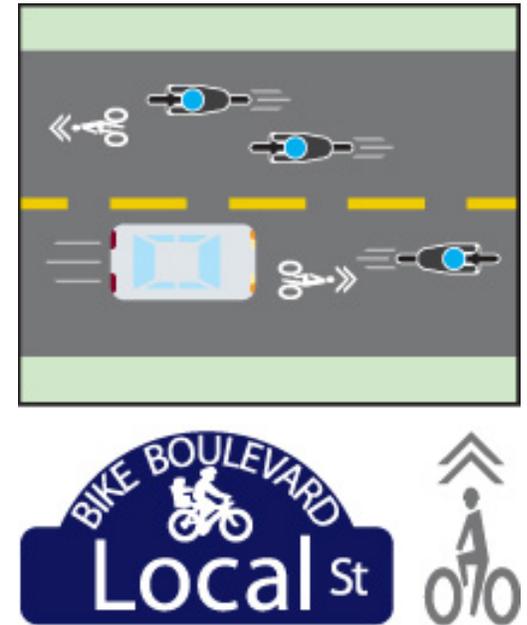
- Project Location
- What is a Bicycle Boulevard
- Existing Conditions/Data
- Proposed Improvements
- Survey Results
- Assessments, Construction & Schedule Info
- Q&A





# What is a Bicycle Boulevard?

- Bicycle boulevards are streets with low motorized traffic volumes and speeds, designated and designed to give bicycle travel priority.
- Bicycle Boulevards use signs, pavement markings, and speed and volume management measures to discourage through trips by motor vehicles and create safe, convenient bicycle crossings of busy arterial streets.



# Selecting an All Ages, Abilities Bike Facility

Roadway Context				All Ages & Abilities Bicycle Facility
Target Motor Vehicle Speed*	Target Motor Vehicle Volume (ADT)	Motor Vehicle Lanes	Key Operational Considerations	
Any		Any	Any of the following: high curbside activity, frequent buses, motor vehicle congestion, or turning conflicts <sup>‡</sup>	Protected Bicycle Lane
< 10 mph	Less relevant		Pedestrians share the roadway	Shared Street
≤ 20 mph	≤ 1,000 – 2,000	No centerline, or single lane one-way	< 50 motor vehicles per hour in the peak direction at peak hour	Bicycle Boulevard
	≤ 500 – 1,500			
≤ 25 mph	≤ 1,500 – 3,000	Single lane each direction, or single lane one-way	Low curbside activity, or low congestion pressure	Conventional or Buffered Bicycle Lane, or Protected Bicycle Lane
	≤ 3,000 – 6,000			Buffered or Protected Bicycle Lane
	Greater than 6,000			Protected Bicycle Lane
Greater than 26 mph <sup>†</sup>	≤ 6,000	Single lane each direction	Low curbside activity, or low congestion pressure	Protected Bicycle Lane, or Reduce Speed
		Multiple lanes per direction		Protected Bicycle Lane, or Reduce to Single Lane & Reduce Speed
	Greater than 6,000	Any	Any	Protected Bicycle Lane
High-speed limited access roadways, natural corridors, or geographic edge conditions with limited conflicts	Any	Any	High pedestrian volume	Bike Path with Separate Walkway or Protected Bicycle Lane
			Low pedestrian volume	Shared-Use Path or Protected Bicycle Lane

**← GOAL**



# Typical Elements Considered for a Bike Blvd

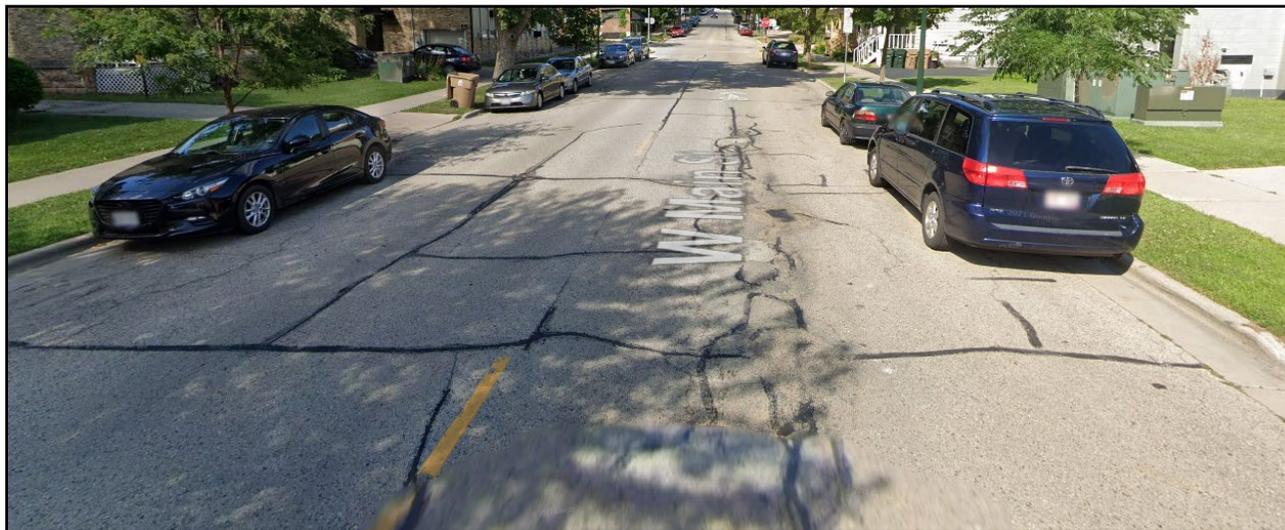
- Signing and marking
  - Wayfinding
  - Sharrows

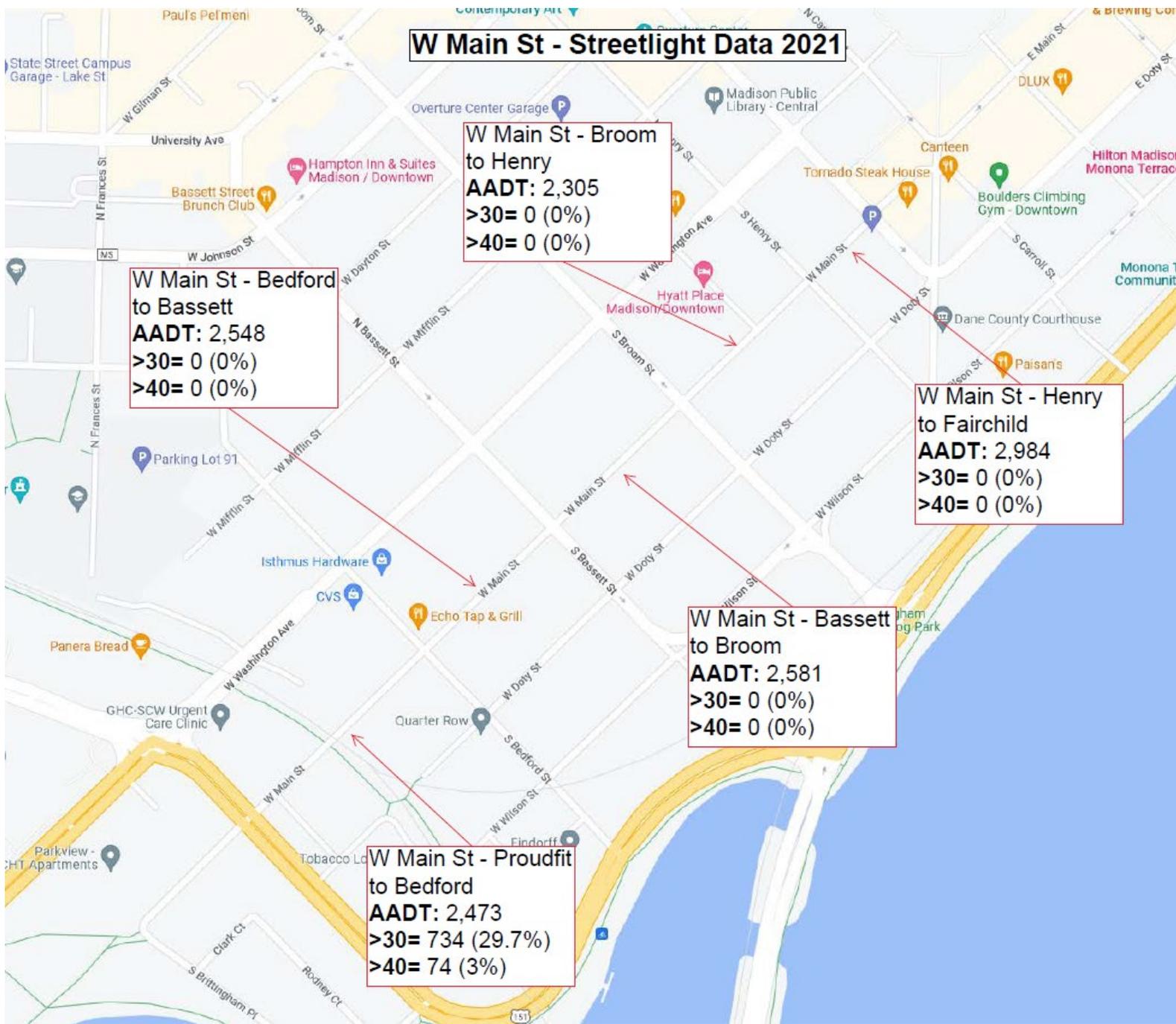
- Speed Management



# W Main St: Existing Conditions

Item	Existing Condition
Pavement Surface Rating (Out of 10)	W Main St = 5-6
Curb (Out of 10)	W Main St = 7-8
Sidewalk	Sidewalk on both sides of all streets
Width (Curb-to-Curb)	W Main St = 40-ft
Traffic Volumes/Speeds	See Next Slide
On-street Parking	Parking allowed on both sides   Proudfit to Bedford = 2hr Limit Bedford to Fairchild = Residential Parking, 2hr Limit





# W Main St: Traffic Data Volumes/Speeds

# W Main St Bike Boulevard Improvements

- Downtown/Capital Square Connection
  - Southwest Path
  - Brittingham Park Path
  - Capital City Trail (Adjacent)
- Consistent with Adopted City Policies
  - Vision Zero
  - Madison Bike-Ped Comprehensive Plans
- Receiving Federal Transportation Alternative Program (TAP) Funding
  - Facilitated by Wisconsin Department of Transportation (WisDOT)
  - Limited Funds
  - 4(f) Resources Identified



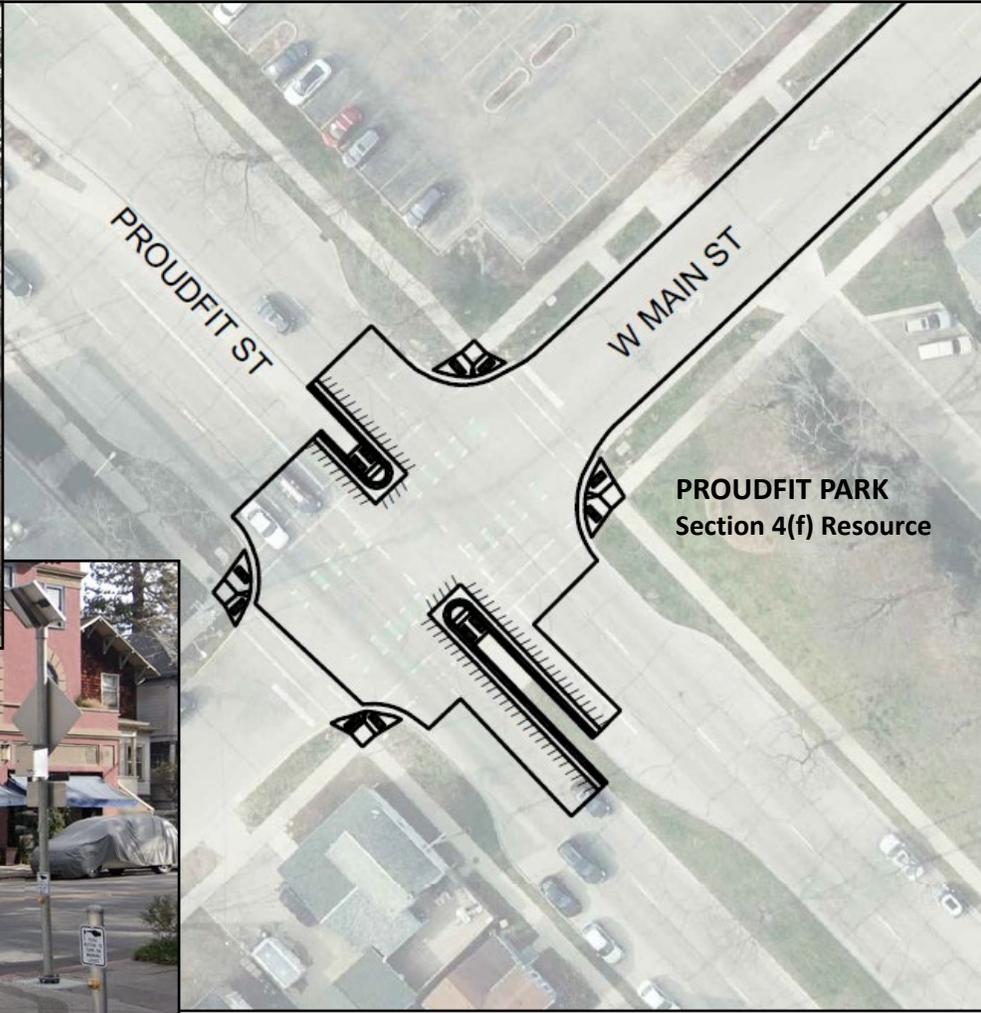
# Other Projects & Future Planning

- S Broom St and W Wilson St 2023 Project
  - Add Cycle-Tracks
  - Better Access to W Main St Bike Blvd
- Continue Parking-Protected Bike Lanes on Bassett St from W Main to W Wilson
  - Future Connection to Cycle-Track along Wilson St from Bassett St to John Nolen/Blair
- Future W Washington Ave/Henry St Project



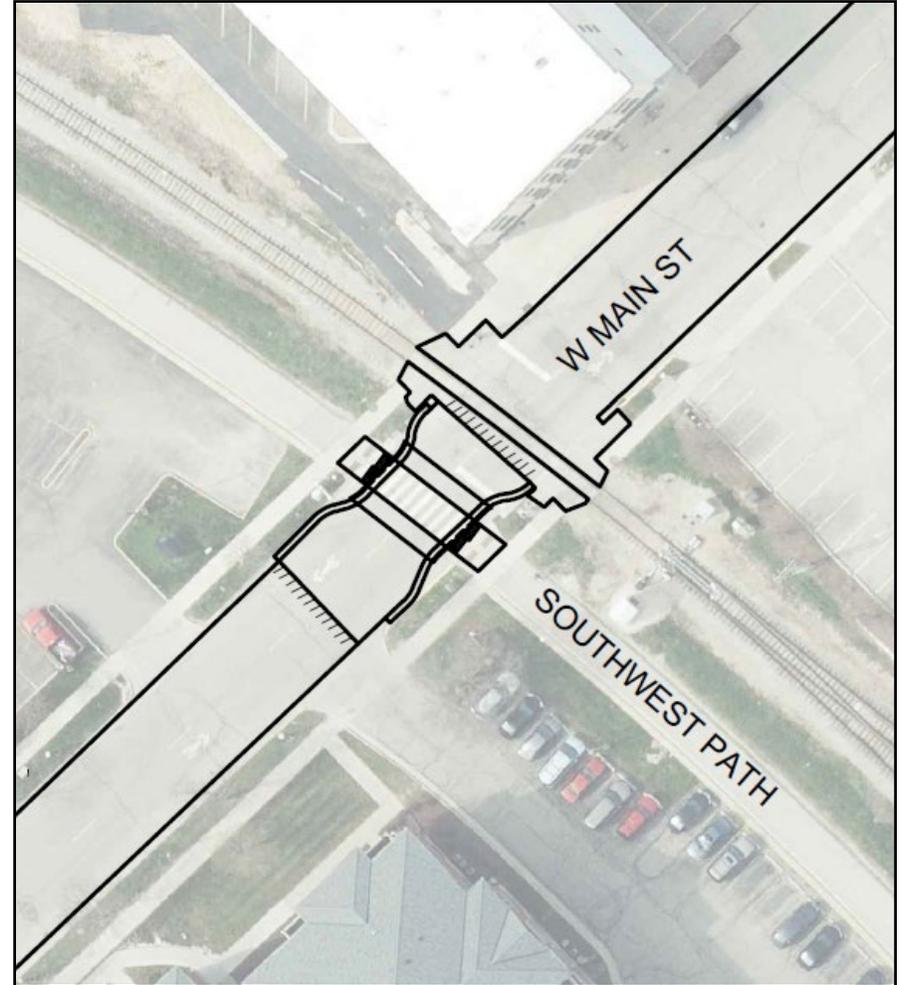
# Proposed Design: W Main St Bike Boulevard

- W Main St & Proudfit St (Hwy 151) Intersection
- Install Rectangular Rapid Flashing Beacon (RRFB) for Crossing
  - Easily Accessible for Bikes
- Improve Pedestrian Crossing
  - ADA-Compliant Curb Ramps
  - Median Island – Ped Refuge
- Green Paint for Bike Crossing & Bike Box
- Continental Crosswalk Markings



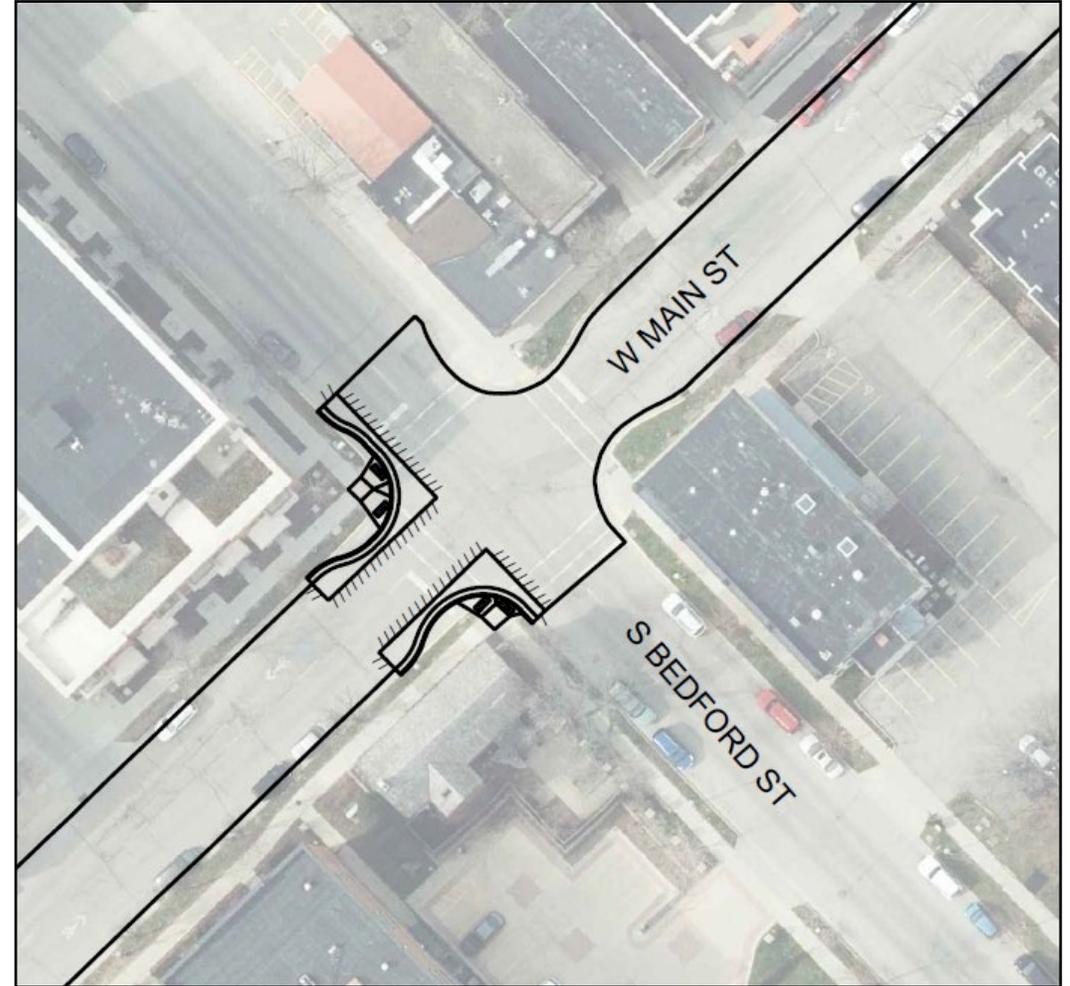
# Proposed Design: W Main St Bike Boulevard

- Southwest Path Crossing at W Main St
- Install Raised Table-Top Crossing
  - Green Markings
- Curb Bump-Outs
  - Shortens Crossing
  - Traffic Calming for W Main St Car Traffic = Higher Speeds
- Railroad Crossing
  - Limits Extent of Raised Crossing/Bump-outs
- Requested the Railroad to Replace the Tracks at Crossing
  - Dependent on the RR's Priorities



# Proposed Design: W Main St Bike Boulevard

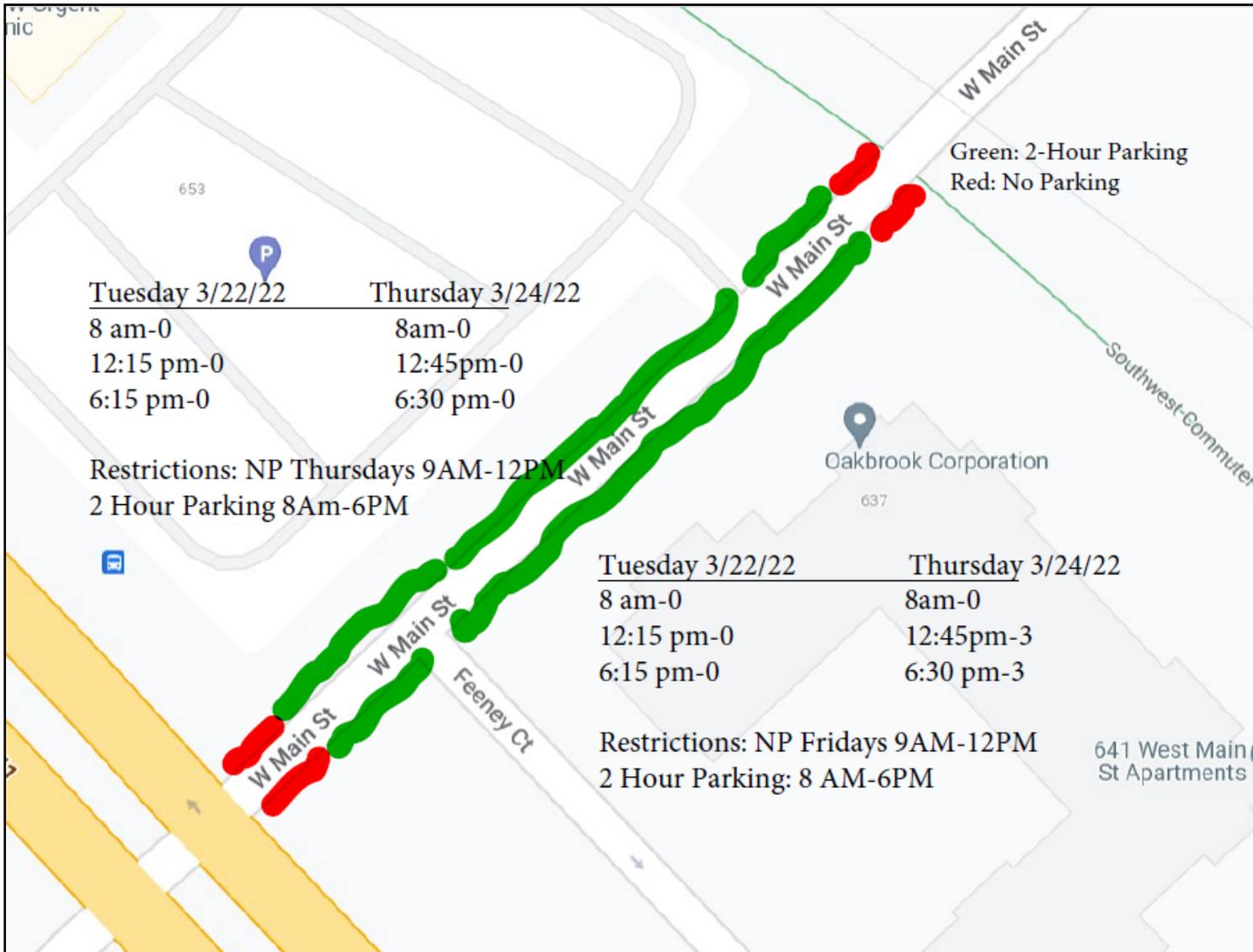
- S Bedford St & W Main St Intersection
- Install Bump-Outs on Eastern & Southern Corners
  - Consistent with other half of Intersection
  - Traffic Calming
  - Improve Pedestrian Crossings



# Proposed Design: W Main St Bike Boulevard

- Resurface Asphalt Pavement on W Main St
  - Proudfit St to S Fairchild St
  - 2" Mill & Overlay
- Wayfinding Signage & Markings
  - Continental Crosswalks
- Potential Changes:
  - Remove Parking on W Main St from Proudfit St to Southwest Path
    - Install Buffered Bike Lanes
    - Survey Question – Seeking Input
  - Traffic Diverter – Further Study/Traffic Analysis Required
    - Mixed Feedback on Survey
    - Seeking Input

# W Main St: Parking Study



- Overall Minimal Parking Use over this block
- Parking Heavily Used on the Rest of W Main St

# W Main St Bike Boulevard: Project Survey

- 40 Responses (so far) – Thank You!
  - Project Survey stays open until May 31
- Traffic Safety Concerns: Brittingham Park to Bedford
  - Crossing Proudfit St
  - Car Traffic Not Yielding at Southwest Path
  - Not Yielding at Bedford Crosswalks
  - Railroad Tracks Poor Quality
- Traffic Safety Concerns: Bedford to Henry
  - Crossing Broom St
  - Crossing Bassett St
    - Looking into Advanced Stop Bar for Bikes
  - Car Traffic Not Yielding at Crosswalks
- Traffic Safety Concerns: Henry to Capitol Square
  - Car Traffic Not Yielding at Crosswalks
  - Crossing to the Bike Lane to the Capitol Square
  - Car Drivers Passing too Close



# Assessment Policy & Costs

- Assessments for Curb & Gutter and Sidewalk Replacement on W Main St Due to Condition
  - Curb & Gutter Assessments = 50/50 Split between Property Owner & City
  - Sidewalk Assessments = 50/50 Split between Property Owner & City
- No Assessments for Bike-Ped related improvements
  - Raised Crossing, Curb Bump-Outs, ADA-Compliant Curb Ramps & Median Islands
- Preliminary, estimated assessments mailed prior to project
- Final assessments calculated following construction using measured quantities and actual bid prices
  - Final billing sent in summer after construction (2024 for this project)
- Assessments are payable in lump sum or in up to 8 installments at current interest rate (2% )

# Construction Info

- Tentative Construction Timeframe: Late-Summer/Early-Fall 2023
  - Approximately 2 Months
- Impacted nearby residents will be notified of construction limits/timeframe once specifics known
- Coordinated with other City Projects

# Project Schedule

- Transportation Commission: June 8<sup>th</sup> 2022
- Board of Public Works Public Hearing: Summer 2022
- Common Council Public Hearing: Summer 2022
- Bid Advertisement: January 2023
- Tentative Construction Schedule: Summer-Fall 2023



# Contact Information & Resources

- Engineering
  - Streets/Path Designer, Aaron Canton, 608-242-4763, [acanton@cityofmadison.com](mailto:acanton@cityofmadison.com)
  - Traffic Engineering, Ali Heinritz, 608-267-1102, [ahleinritz@cityofmadison.com](mailto:ahleinritz@cityofmadison.com)
  - Traffic Engineering, Jerry Schippa, 608-267-1969, [jschippa@cityofmadison.com](mailto:jschippa@cityofmadison.com)
  - Pedestrian Bicycle Administrator, Renee Callaway, 608-266-6225, [recallaway@cityofmadison.com](mailto:recallaway@cityofmadison.com)
- Project Website: <https://www.cityofmadison.com/engineering/projects/w-main-street-bike-boulevard-improvements>
  - Sign-up for project email updates on the website
  - Updates on closures & work progress will be posted to the project website
  - Recording for this meeting will be posted on project webpage
- Facebook – City of Madison Engineering
- Twitter – @MadisonEngr
- Engineering Podcast: Everyday Engineering on iTunes, GooglePlay