

# Public Involvement Meeting #3

## University Avenue

(Shorewood Blvd – University Bay Dr)

March 11, 2021



- ✓ This meeting will be **recorded** and posted to the City's project page.
- ✓ 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 required immediate clarification.
- ✓ Use **“chat”** option if you are having technical issues and a staff person can try to assist.
- ✓ Please use the **“Q&A”** option at the bottom of the screen to type your question. Questions will be answered at the end of the presentation. 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.

# Meeting Agenda

- Meeting Process
- Review of Project Elements & Design
- Details on University Bay Overpass
- Review of Construction Staging
- Assessments (City of Madison)
- Q&A/Discussion

# 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" and "View Options". Below this is a shared Excel spreadsheet with a ribbon menu and a calendar view for 2019. The spreadsheet shows a row for "Sally" and a calendar grid. In the center of the screen, there are two buttons: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is positioned below these. At the bottom of the Zoom window, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red "Leave Webinar" button is visible in the bottom right corner.

↑ Make sure to join audio

# How to Participate

The screenshot displays a Zoom meeting in progress. At the top, a green banner reads "You are viewing City of Madison's screen" and "View Options". The main content is a shared Microsoft Excel spreadsheet. The spreadsheet shows a calendar for the year 2019, with columns for months from May to August. The first row is labeled "Sally". A "Phone Call" button is visible on the left side of the spreadsheet. A blue button labeled "Join Audio by Computer" is centered on the screen. At the bottom of the Zoom interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Raise Hand" icon.

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

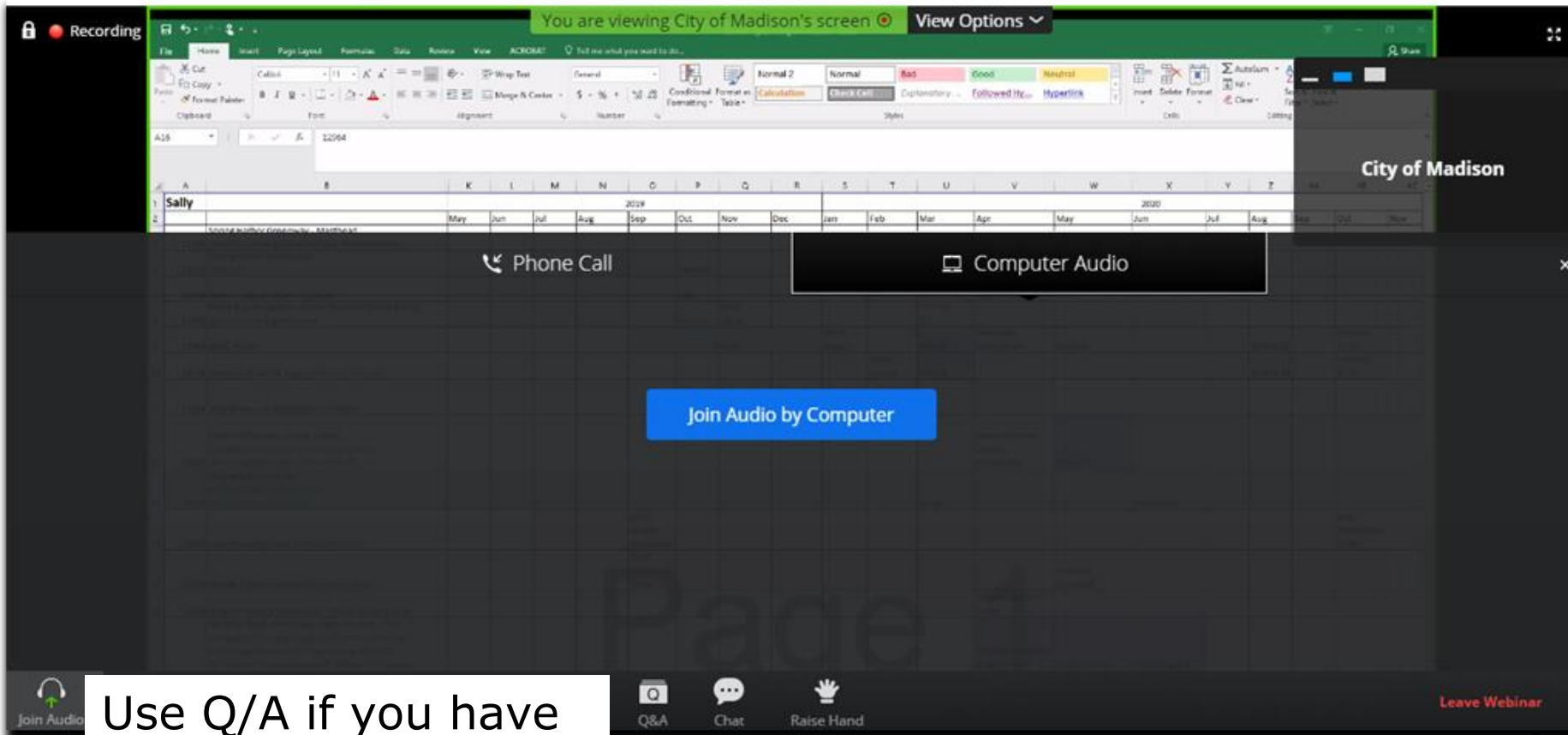
# How to Participate

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Use chat if you have technical issues



# How to Participate



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" and "View Options". Below this is a shared Excel spreadsheet with a ribbon menu and a grid. The grid shows the year 2019 with months from May to August. A "City of Madison" watermark is visible on the right side of the spreadsheet. In the center of the meeting area, there are two buttons: "Phone Call" and "Computer Audio". Below these is a blue button that says "Join Audio by Computer". At the bottom of the interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". On the far right of the toolbar, there is a red text link that says "Leave Webinar".

To leave the meeting  
click here



# Project Overview





# Project Needs



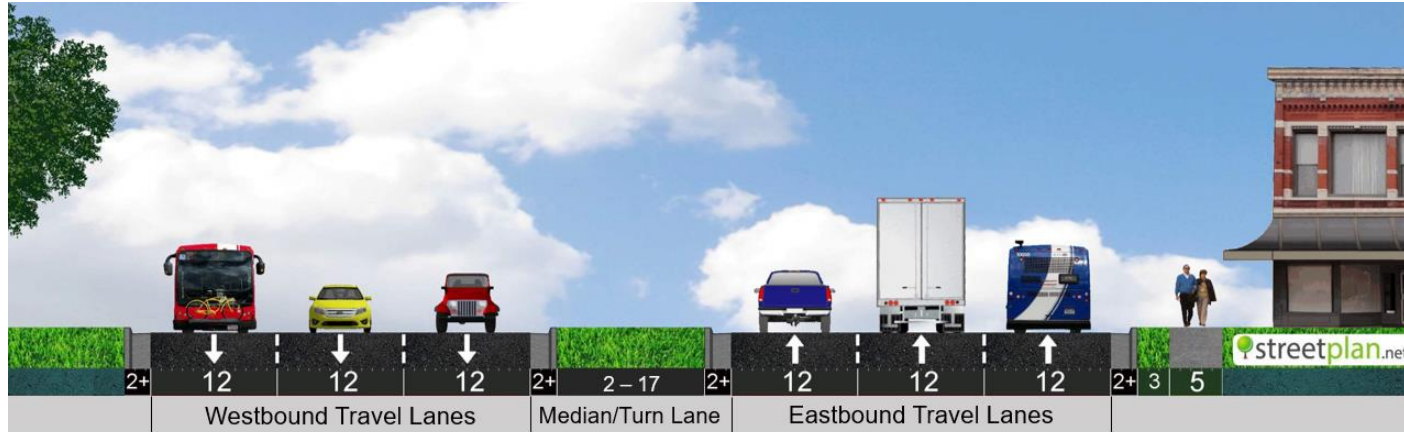
- Poor pavement condition
- Substandard roadway geometrics
- Lack of bicycle accommodations
- Absence of pedestrian facilities
- Safety and operations inefficiencies at intersections
- Pedestrian/bicycle crossing on University Bay Drive of Campus Drive Bike Path
- Insufficient stormwater drainage collection and conveyance

# Review of Public Input Process

- PIM #1 – June 13, 2019
- PIM #2 – December 19, 2019
- Approval of street geometrics & lane configuration
  - Village of Shorewood Hills: 2/19/2018
  - City of Madison Board of Public Works: 3/25/2020
  - City of Madison Transportation Commission: 4/15/2020
  - City of Madison Common Council: 4/21/2020

# University Ave. – Typical Section

## Existing Typical Section

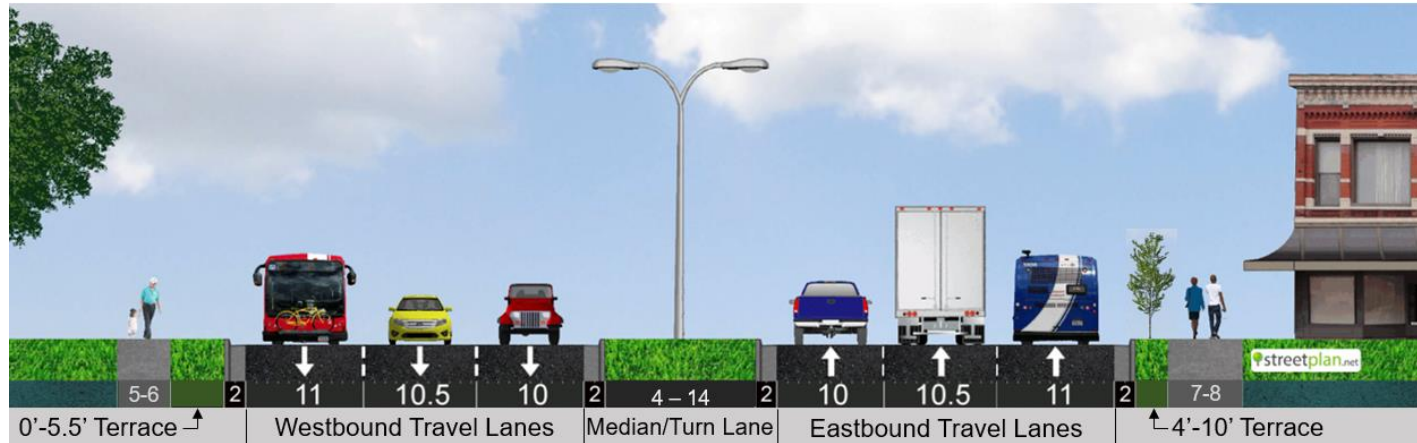


Existing Section  
(Looking East)

- 3-12' driving lanes in each direction
- Sidewalk with narrow terrace only on south side
- No bicycle accommodations
- Speed limit 35 mph

# University Ave. – Typical Section

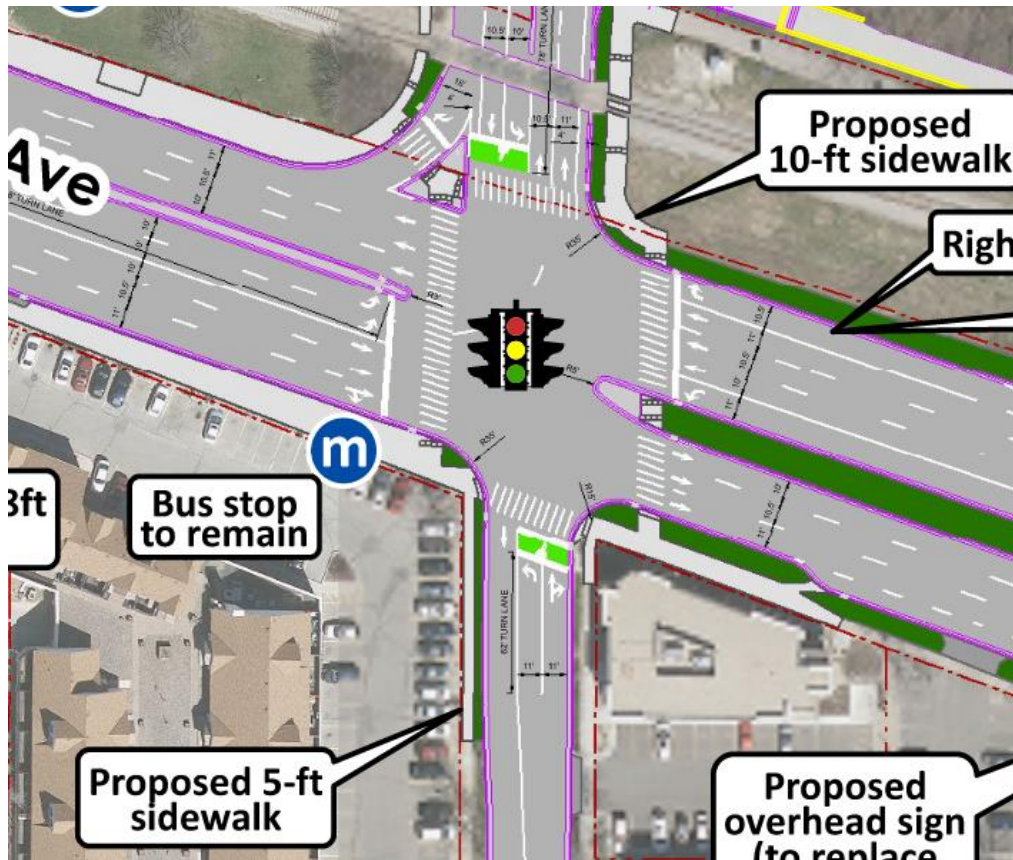
## Proposed Typical Section



- 10', 10.5' & 11' lanes
- 7-8' sidewalk on south side (peds & bikes)
- 5' sidewalk on north side
- Approved by Madison Common Council and Village of Shorewood Hills Board of Trustees



# Proposed Improvements



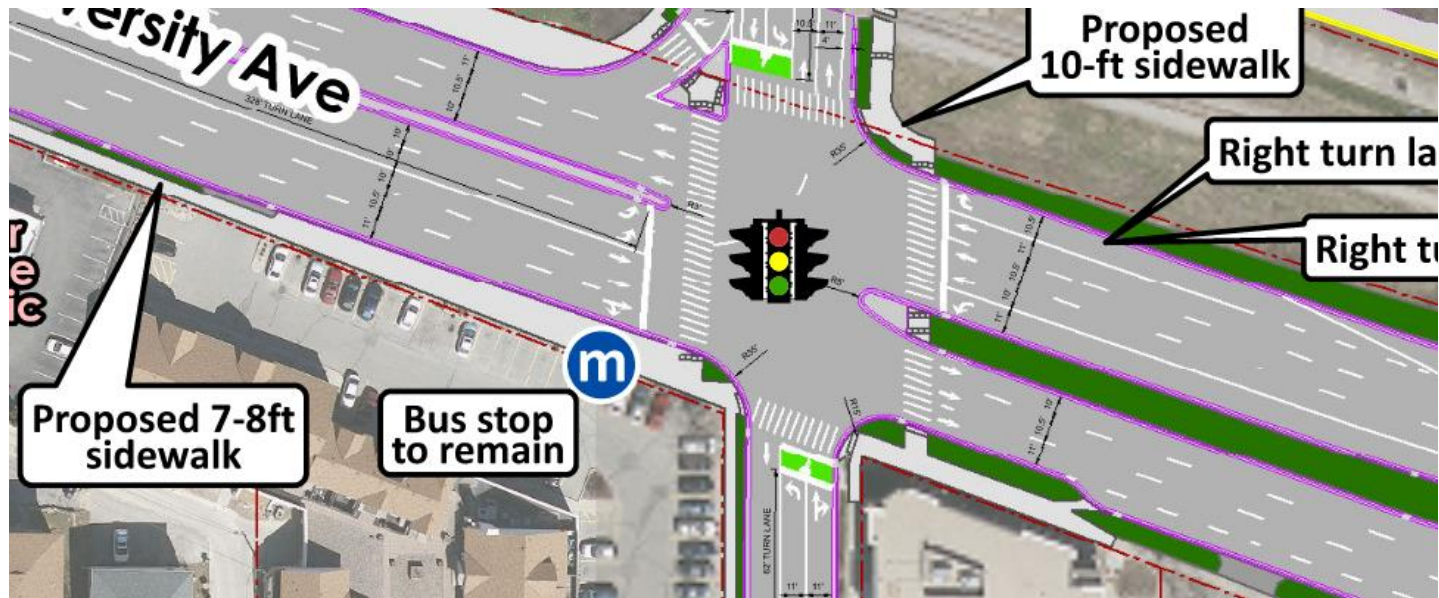
## Pedestrian Improvements

- New Curb Ramps
- Widened Terrace
- New Northside Sidewalk
- Continental Crosswalk Marking
- Tabletop Crosswalk

# Proposed Improvements

## Bicycle Improvements

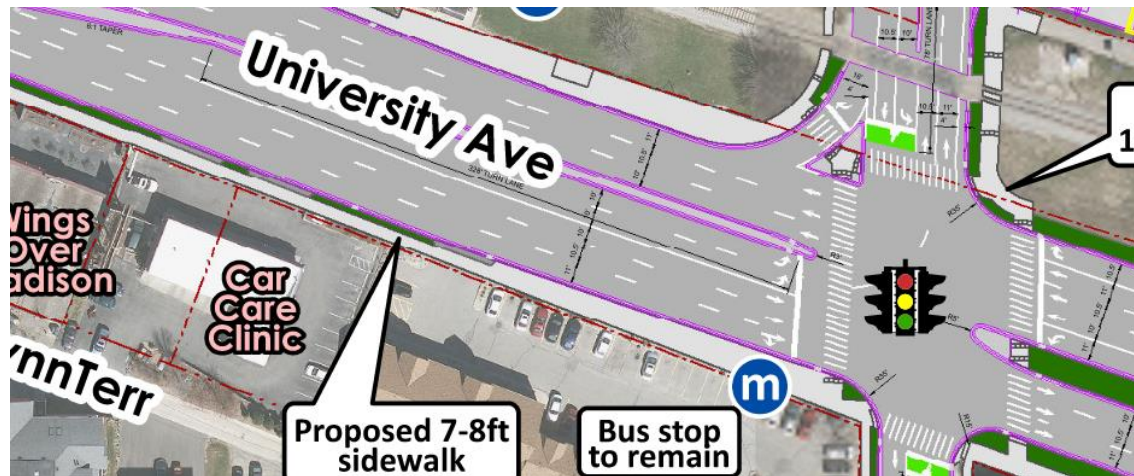
- Widened 7-8' sidewalk on south side
- Bike lane east of Farley Ave.
- Bike boxes on SB U. bay Dr. and NB Farley



# Proposed Improvements

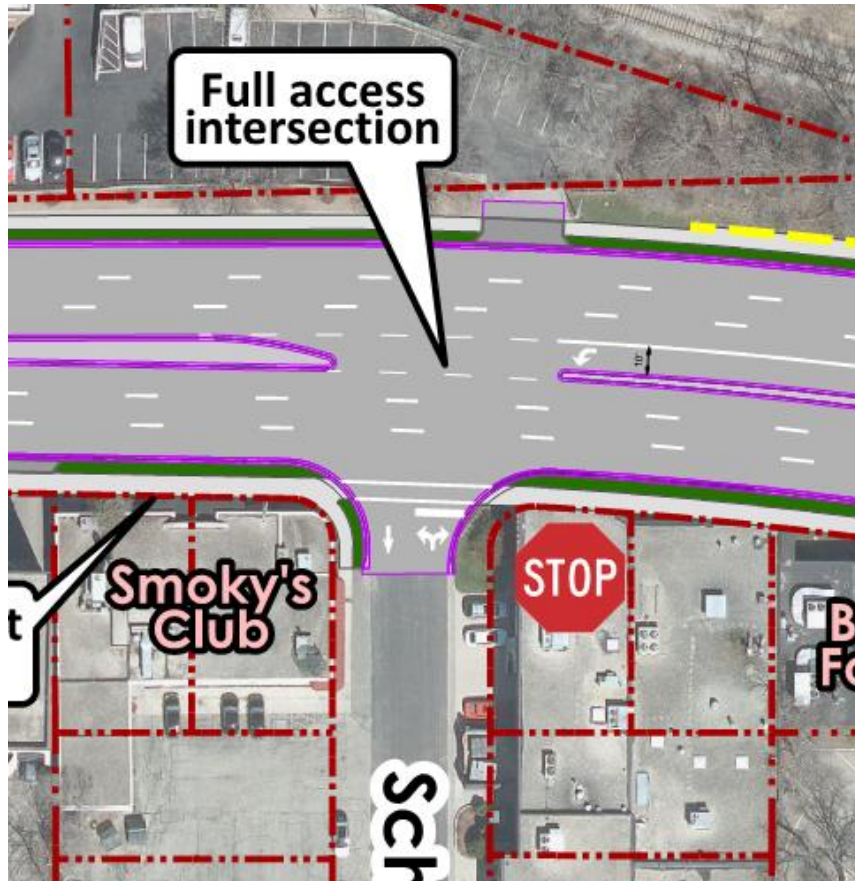
## Safety and Operations Improvements

- New traffic signals
- Westbound crest curve improvement
- Dual eastbound left turn at University Bay Drive
- Leading pedestrian interval
- Count down timers





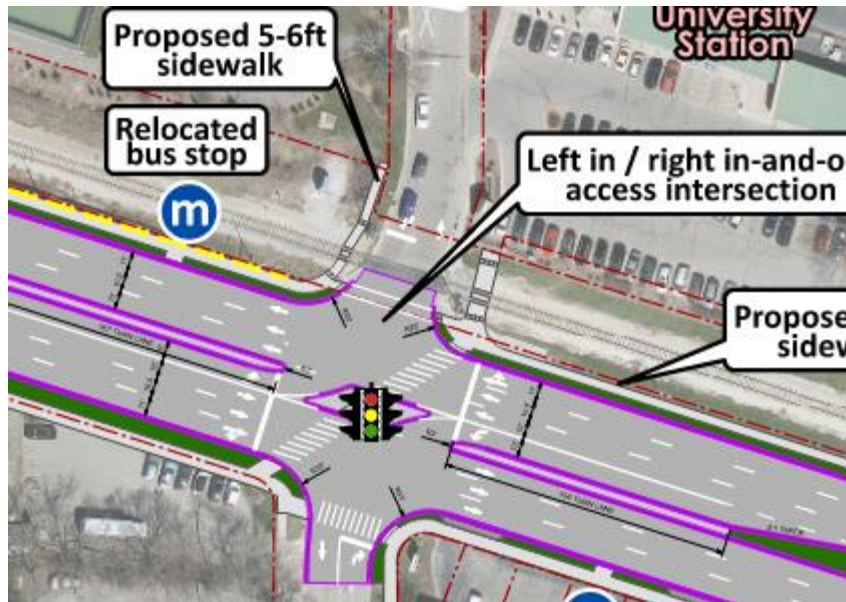
# Proposed Improvements



## Schmitt Place

- Existing Full Access maintained
- Truck only left turn out

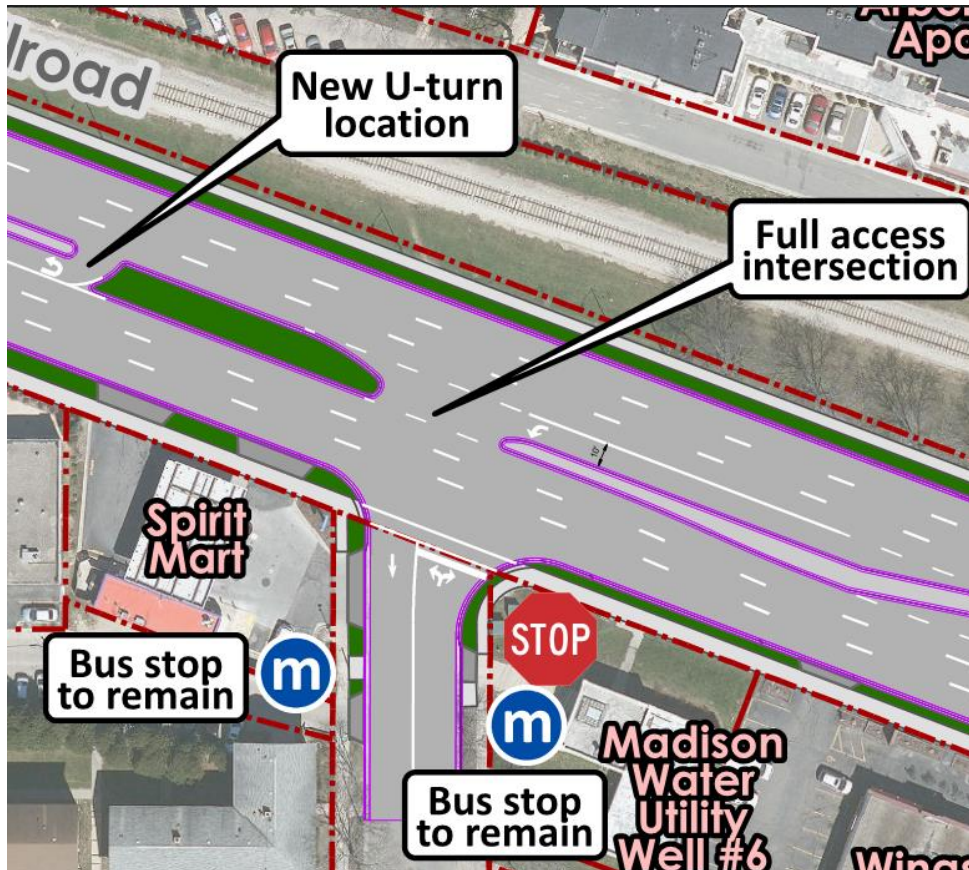
# Proposed Improvements



## Marshall Ct/Ridge St

- Existing configuration maintained – left turn out from Marshall Ct. and Ridge St. prohibited
- U-turn near intersection
- Sidewalk on northside (access to new multi-use path)
- Remove SE crossing to median
- Far side WB bus stop

# Proposed Improvements

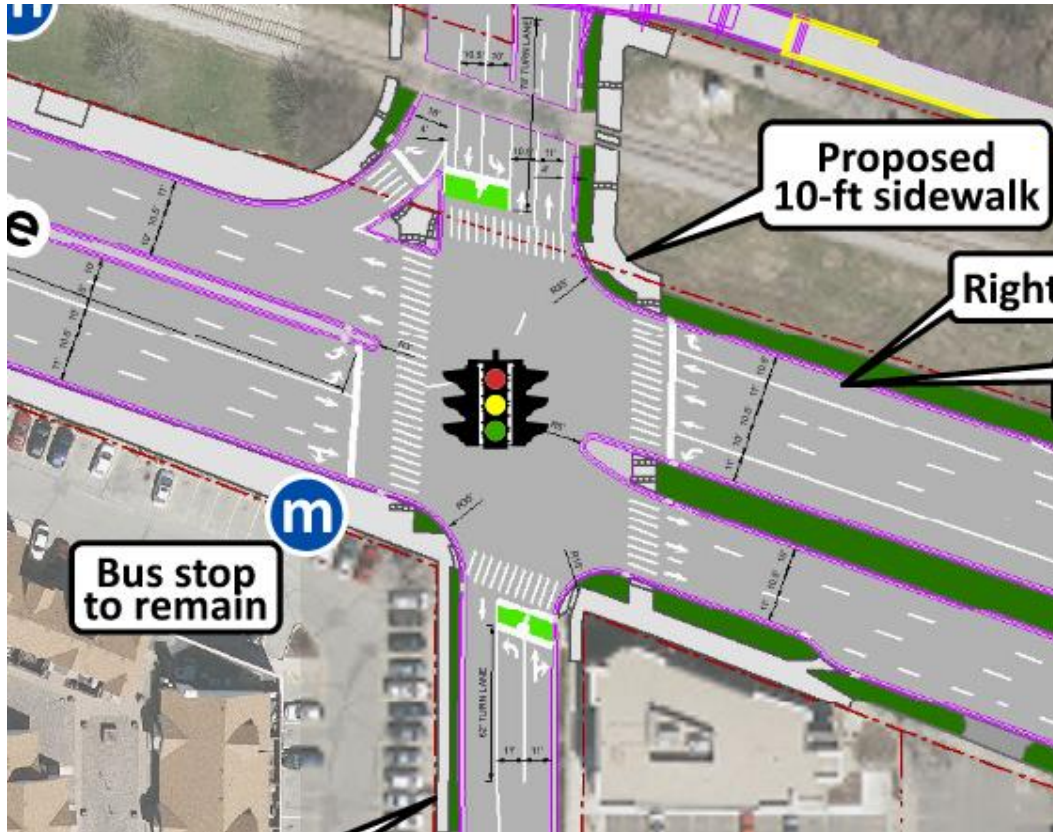


## N. Franklin Ave.

- Full access intersection maintained
- Remove University Avenue pedestrian crossing



# Proposed Improvements



## University Bay Dr./Farley Ave.

- Dual EB left turn lanes
- Near side EB bus maintained
- Far side WB bus pullout changed to in-line stop
- Improved east side crossing
- Tabletop crossing NW quadrant

# Proposed Improvements



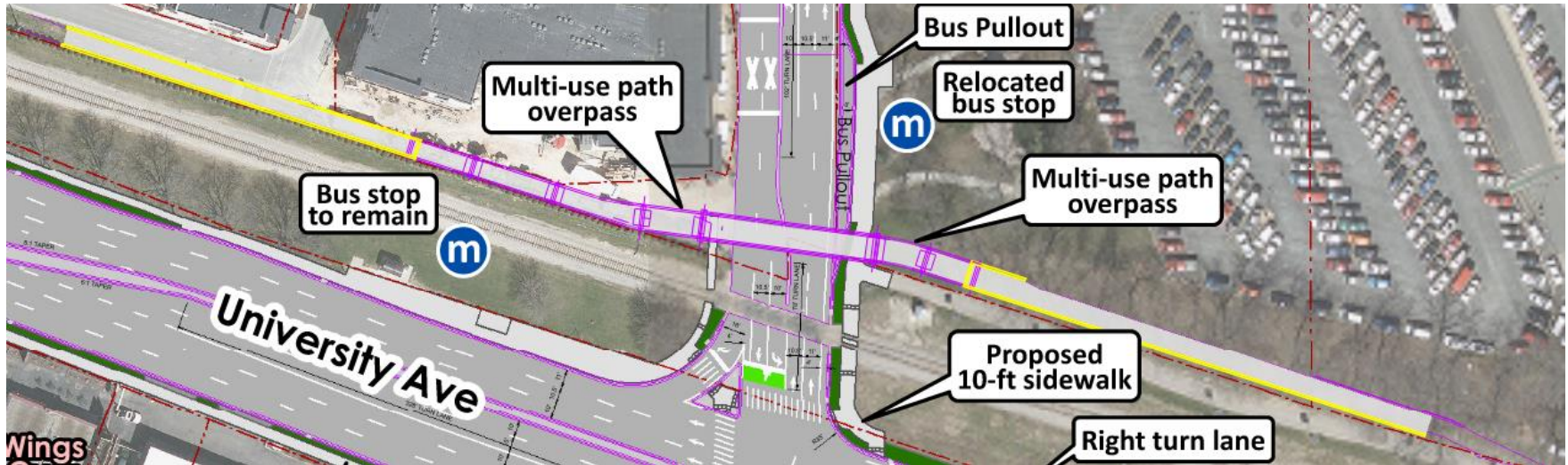
## University Bay Drive

- Two northbound lanes from University Ave. to Overlook Terr.
- Northbound bicycle lane & southbound shared lane
- Northbound bus pullout
- 10-ft sidewalk on east side from University Bay Dr. to Overlook Terr.
- New 6-ft sidewalk on east side from Overlook Terr. to Children's Hospital
- New traffic signal at Overlook Terr.



# Proposed Improvements

## University Bay Drive – Grade Separated Bike/Ped Overpass



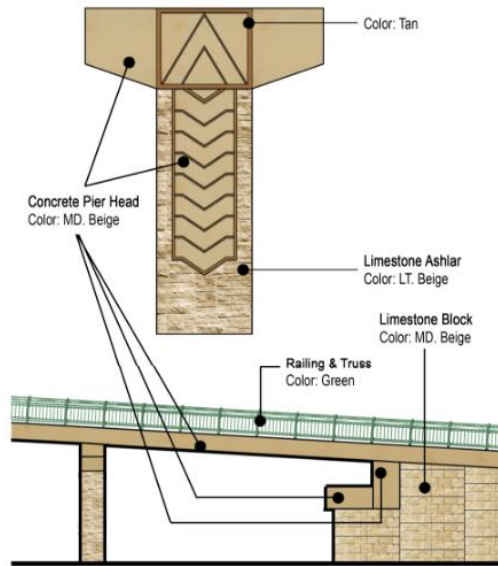
- Prefabricated steel truss main span over University Bay Dr.
- Four spans west and two spans east of main span
- Concrete panel walls east & west approaches



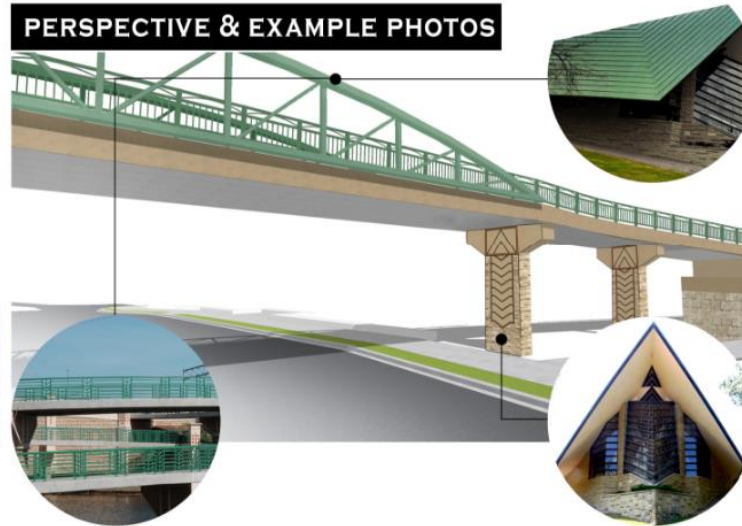
# Proposed Improvements

## University Bay Drive – Grade Separated Bike/Ped Overpass - Aesthetics

### DETAILS



### PERSPECTIVE & EXAMPLE PHOTOS



3 UNIVERSITY BAY DRIVE PEDESTRIAN BRIDGE- CONCEPT 3  
02/24/2021

# Proposed Improvements

University Bay Drive – Grade Separated Bike/Ped Overpass - Connectivity



- Eastbound Peds (On)
- Eastbound Bikes (On)



# Proposed Improvements

University Bay Drive – Grade Separated Bike/Ped Overpass - Connectivity



- Eastbound Peds (off)
- Eastbound Bikes (off)



# Proposed Improvements

University Bay Drive – Grade Separated Bike/Ped Overpass - Connectivity



- Westbound Peds (On)
- Westbound Bikes (On)

# Proposed Improvements

University Bay Drive – Grade Separated Bike/Ped Overpass - Connectivity



- Westbound Peds (Off)
- Westbound Bikes (Off)

# Metro Transit

## Bus Accommodations

- New Bus Stop Pull outs
  - University Bay Dr. NB after railroad tracks
- Bus Stops moved to far side
  - WB University Ave. after Marshall Ct.
  - WB University Ave. after Shorewood Blvd.
  - EB University Ave. after Hill St.

# Metro Transit

## Bus Accommodations (Cont.)

- Bus Stops to remain in place
  - WB University Ave. after University Bay Dr.
  - EB University Ave. after Ridge St.
  - N. Franklin Ave at University Ave. in both directions
  - University Bay Drive at Marshall Court in both directions

## Madison Bus Rapid Transit (BRT)

- Coordination with future BRT planning is ongoing



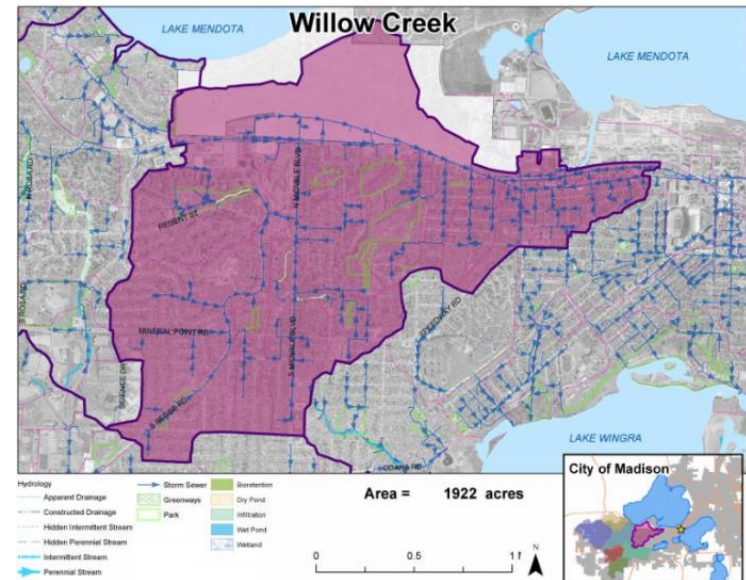
# University Avenue Watershed

## University Avenue Watershed

- Update existing local storm sewer structures and inlets
- Conducting feasibility study on large diameter storm pipes/tunnel options
  - Feasibility study complete; design alternatives chosen based on funding availability
  - Design solutions will not preclude large tunnel options in future if/when funding becomes available
- Willow Creek Watershed Study in City of Madison: In Progress
  - Completed concurrently with University Avenue design
  - Existing conditions model is complete; PIM #2 hosted on 3/10

# University Avenue Storm Sewer


- Extend 96” diameter storm sewer pipe west on University Ave.
  - Provides greater flow capacity
  - Conveys stormwater from University-Shorewood intersection to the Willow Creek outfall (by UW School of Veterinary Medicine)
- Future:
  - Additional expansion of stormwater infrastructure is currently being evaluated during the Willow Creek Watershed Study





# MMSD West Interceptor

- Part of Phase 2 to be included in the University Ave Project
  - From Marshall Court to End of Project
  - Virtual PIM for that Project to be held March 18



Get information, give input

## West Interceptor-Shorewood Relief Project

PHASE 1

Join us for the last virtual public information meeting before construction starts on Phase 1 of this project

Thursday, March 18, 2021  
5:30-7 p.m.

Online via Zoom; see reverse for registration link

Madison Metropolitan Sewerage District

[f](#) [t](#) [in](#) [@](#)

# University Avenue Construction

## Stage 1 Winter/Spring 2022

- Remove and temporary pave medians
- Temporary signals
- Two lanes of traffic in each direction and left turn lanes at signalized intersections

# University Avenue Construction

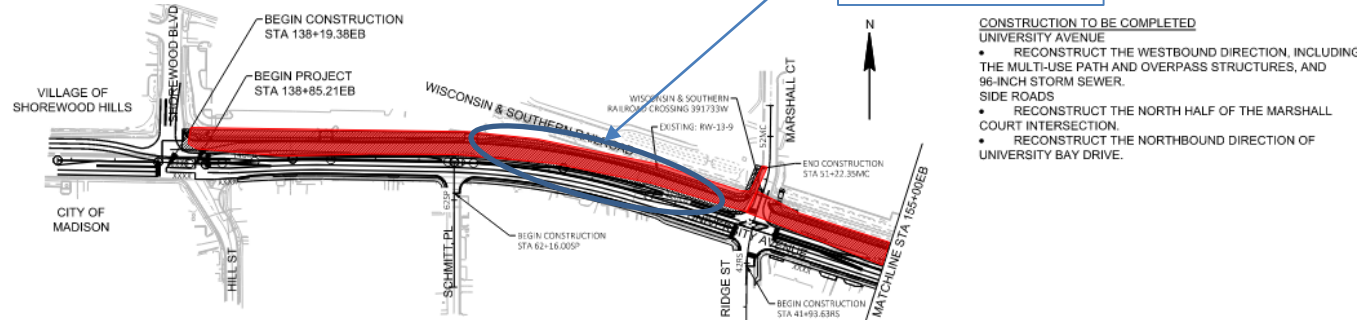
## Stage 2 Spring/Summer 2022

- Switch Traffic to existing EB lanes
- Construct new WB lanes
- Reconstruct Marshall Ct. and Univ. Bay. Dr.
- Bike/Ped Bridge Construction
- 96” Pipe Construction – possible night work
- Two lanes of traffic in each direction and left turn lanes at signalized intersections
- Shorewood Blvd., Marshall Ct. & Univ. Bay. Dr. open except for short term closures
- South side Univ. Ave. & west or east side U Bay Dr. sidewalk open
- Ped/Bike Path Closed & Detoured

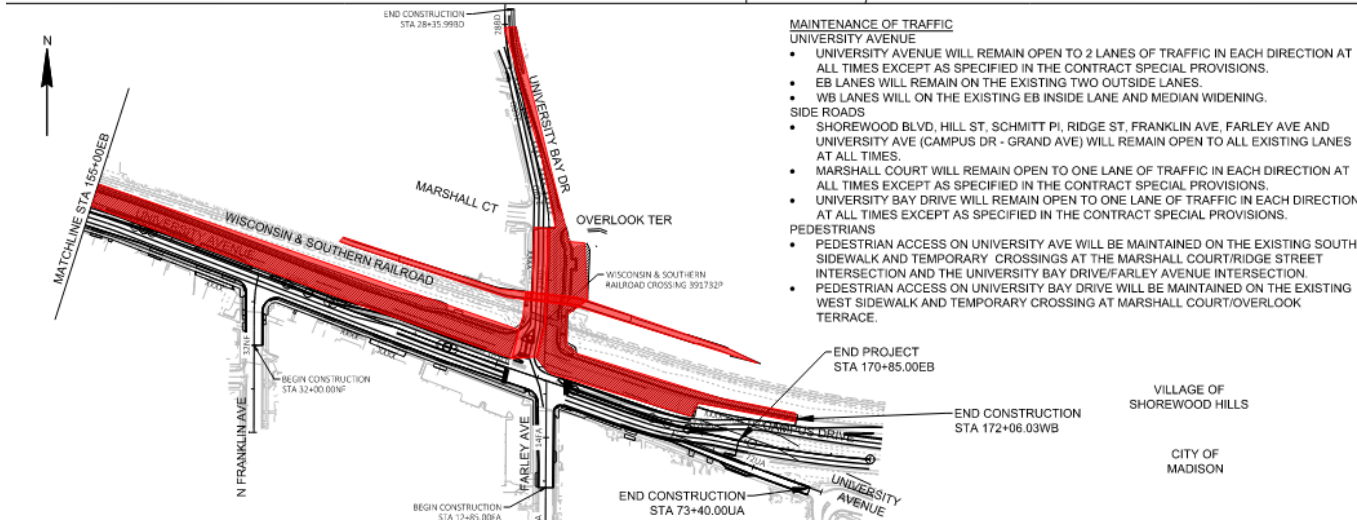
# University Avenue Construction

## Stage 2 Spring/Summer 2022

Possible Tunneling



- CONSTRUCTION TO BE COMPLETED**  
UNIVERSITY AVENUE
- RECONSTRUCT THE WESTBOUND DIRECTION, INCLUDING THE MULTI-USE PATH AND OVERPASS STRUCTURES, AND 96-INCH STORM SEWER.
- SIDE ROADS**
- RECONSTRUCT THE NORTH HALF OF THE MARSHALL COURT INTERSECTION.
  - RECONSTRUCT THE NORTHBOUND DIRECTION OF UNIVERSITY BAY DRIVE.



- MAINTENANCE OF TRAFFIC**  
UNIVERSITY AVENUE
- UNIVERSITY AVENUE WILL REMAIN OPEN TO 2 LANES OF TRAFFIC IN EACH DIRECTION AT ALL TIMES EXCEPT AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
  - EB LANES WILL REMAIN ON THE EXISTING TWO OUTSIDE LANES.
  - WB LANES WILL ON THE EXISTING EB INSIDE LANE AND MEDIAN WIDENING.
- SIDE ROADS**
- SHOREWOOD BLVD, HILL ST, SCHMITT PL, RIDGE ST, FRANKLIN AVE, FARLEY AVE AND UNIVERSITY AVE (CAMPUS DR - GRAND AVE) WILL REMAIN OPEN TO ALL EXISTING LANES AT ALL TIMES.
  - MARSHALL COURT WILL REMAIN OPEN TO ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES EXCEPT AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
  - UNIVERSITY BAY DRIVE WILL REMAIN OPEN TO ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES EXCEPT AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- PEDESTRIANS**
- PEDESTRIAN ACCESS ON UNIVERSITY AVE WILL BE MAINTAINED ON THE EXISTING SOUTH SIDEWALK AND TEMPORARY CROSSINGS AT THE MARSHALL COURT/RIDGE STREET INTERSECTION AND THE UNIVERSITY BAY DRIVE/FARLEY AVENUE INTERSECTION.
  - PEDESTRIAN ACCESS ON UNIVERSITY BAY DRIVE WILL BE MAINTAINED ON THE EXISTING WEST SIDEWALK AND TEMPORARY CROSSING AT MARSHALL COURT/OVERLOOK TERRACE.



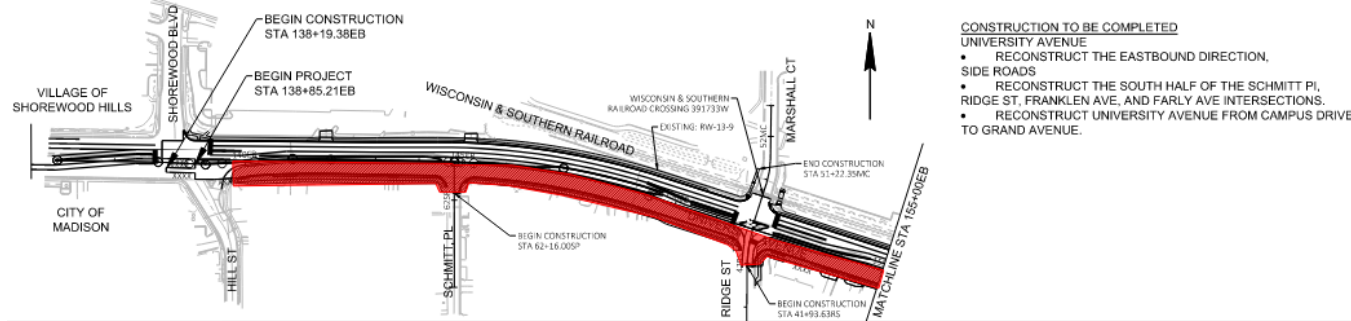
# University Avenue Construction

## Stage 3 Summer/Fall 2022

- Switch Traffic to New WB lanes
- Construct New EB lanes
- Reconstruct Hill St., Schmitt Pl., Ridge St., Franklin Ave. & Farley Ave
- Construct Bike/Ped Bridge
- Two lanes of traffic in each direction and left turn lanes at signalized intersections
- Hill St., Schmitt Pl., Ridge St., Franklin Ave. & Farley Ave open except for short term closures
- Old Univ. Ave. ramp (Campus Dr. – Grand Ave.) closed
- North side Univ. Ave. sidewalk open, south side closed
- Ped/Bike Open

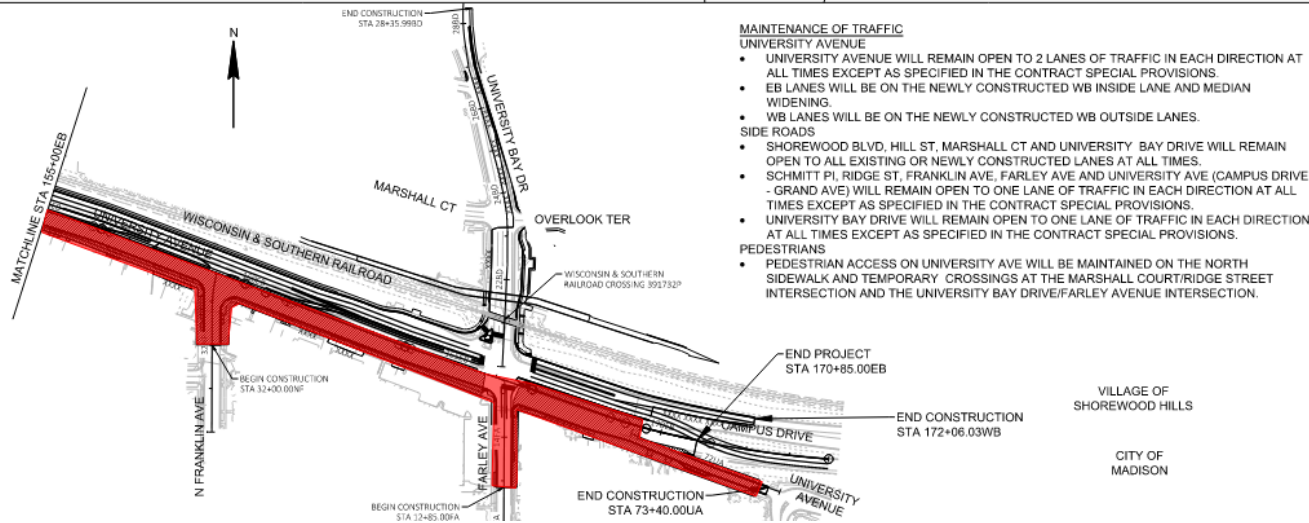
# University Avenue Construction

## Stage 3 Summer/Fall 2022



### CONSTRUCTION TO BE COMPLETED

- UNIVERSITY AVENUE
  - RECONSTRUCT THE EASTBOUND DIRECTION.
- SIDE ROADS
  - RECONSTRUCT THE SOUTH HALF OF THE SCHMITT PL, RIDGE ST, FRANKLIN AVE, AND FARLEY AVE INTERSECTIONS.
  - RECONSTRUCT UNIVERSITY AVENUE FROM CAMPUS DRIVE TO GRAND AVENUE.



### MAINTENANCE OF TRAFFIC

- UNIVERSITY AVENUE
  - UNIVERSITY AVENUE WILL REMAIN OPEN TO 2 LANES OF TRAFFIC IN EACH DIRECTION AT ALL TIMES EXCEPT AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
  - EB LANES WILL BE ON THE NEWLY CONSTRUCTED WB INSIDE LANE AND MEDIAN WIDENING.
  - WB LANES WILL BE ON THE NEWLY CONSTRUCTED WB OUTSIDE LANES.
- SIDE ROADS
  - SHOREWOOD BLVD, HILL ST, MARSHALL CT AND UNIVERSITY BAY DRIVE WILL REMAIN OPEN TO ALL EXISTING OR NEWLY CONSTRUCTED LANES AT ALL TIMES.
  - SCHMITT PL, RIDGE ST, FRANKLIN AVE, FARLEY AVE AND UNIVERSITY AVE (CAMPUS DRIVE - GRAND AVE) WILL REMAIN OPEN TO ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES EXCEPT AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
  - UNIVERSITY BAY DRIVE WILL REMAIN OPEN TO ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES EXCEPT AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- PEDESTRIANS
  - PEDESTRIAN ACCESS ON UNIVERSITY AVE WILL BE MAINTAINED ON THE NORTH SIDEWALK AND TEMPORARY CROSSINGS AT THE MARSHALL COURT/RIDGE STREET INTERSECTION AND THE UNIVERSITY BAY DRIVE/FARLEY AVENUE INTERSECTION.

# University Avenue Construction

## Stage 4 Fall 2022

- All Traffic on New Roadway
- Construct New Medians, Traffic Signals & Street Lights, Upper Pavement Layer & Pavement Marking
- Two lanes of traffic in each direction and left turn lanes at signalized intersections
- Sidewalks open
- Ped/Bike Path open

## Driveway Access & Hours of Construction

- Driveway access - mostly maintained, plating or constructing in halves or closing only one access at a time. Owners will be notified of closures.
- Hours of construction 7:00 am – 7:00 pm (M – Sat), 10:00 am – 7:00 pm (Sun).
- Possible night time work for micro tunneling

# Project Schedule

## Winter 2021

- Final Environmental Document
- Final R/W Plat

## Winter – Summer 2021

- Final Plans
- Real Estate Acquisition

## Winter/Spring 2022 - Fall 2022

- Construction



# City of Madison Assessments

- Project includes assessments to City of Madison properties per the City's assessment policy
- Assessments will be a portion of the City's costs for the project
  - Approx. Federal share: 40%
  - Approx. Local share: 60%
  - Assessments will be based on costs for local share only
- 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 (2023 for this project)
- Assessments are payable in lump sum or in up to 8 installments at current interest rate (2% )

# City of Madison Assessments

Assessable Items	Federal Share	City of Madison Share	Property Owner Share
Replace curb & gutter	40%	30%	30%
Replace sidewalk	40%	30%	30%
Replace driveway apron	40%	30%	30%
Private Storm Reconnects, if any	40%	0%	60%
Sanitary Sewer Laterals	0%	75%	25%

# Project Website & Notifications

[City of Madison](#) / [Engineering](#) / [Projects](#) / University Avenue

## University Avenue



Last Updated: 02/16/2021

### Latest Update

2/16/2021 Update:

A virtual public information meeting has been scheduled for 6 p.m., March 11, 2021, via Zoom.

Registration is required.

[March 11, 2021 Public Information Meeting Registration](#)

The City of Madison, Village of Shorewood Hills and WisDOT continue to work on finalizing the design of the roadway, overpass structure and new utilities associated with the reconstruction project along with reviewing potential construction staging. In the spring of 2020, the roadway geometrics were approved by the Transportation Commission, Board of Public Works, and Common Council. Current plan, typical section, and overpass plan are posted.

### Project Details

**Project Type:** [Road Construction](#)

**Location(s):**

- 2737 University Avenue  
Madison, WI 53705

☆ **Area:** West

■ **Aldermanic District(s):** [District 5](#)

📅 **Estimated Schedule:** 04/01/2022 to 11/01/2022

📍 **Project Status:** In Design

### Project Contact:

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<https://www.cityofmadison.com/engineering/projects/university-avenue>

<https://www.facebook.com/CityOfMadisonEngineering/>



# Project Contacts

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# Presentation Q & A

