

# Public Involvement Meeting #1 University Avenue

(Shorewood Blvd – University Bay Dr)







### **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

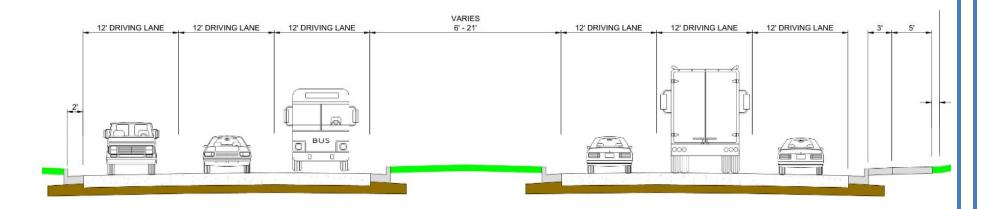






# **University Ave. – Typical Section**

#### **Existing Typical Section**



- 3-12' Driving Lanes in Each Direction
- Sidewalk only on south side
- 52,000 vehicles per day







### **University Ave. – Typical Section**

#### <u>Proposed – Alternative Considerations</u>

- 105-ft to 106-ft Right of Way Width
- Maintain 6 Traffic Lanes, Median & Left Turn Lanes
- Bicycle Lanes
- New Sidewalk on North Side
- Multi-use Path
- Future Bus Rapid Transit Route
- National Highway System
- Enhance user experience

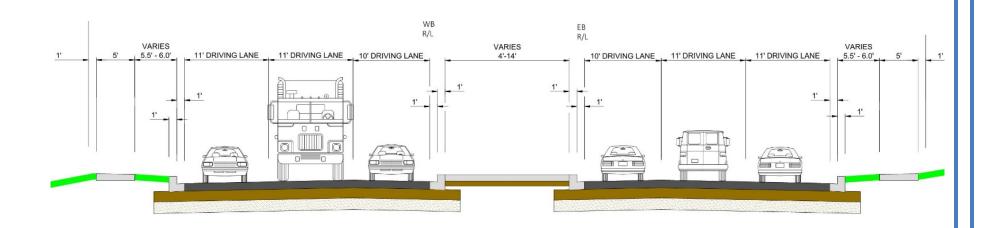






### **University Ave. – Typical Section**

Proposed (Current 30% Design)



- 2 11' & 1 10' Driving Lanes in Each Direction
- New Sidewalk on North Side
- Wider Terraces







### **Proposed Improvements**



#### Village of Shorewood Hills Multi-use Path Project

- Path Connection Between Marshall Court and University Bay Dr.
- At-grade Crossing of University Bay Drive
- Construction Scheduled for Summer 2019







### **Proposed Improvements**

University Bay Drive – Possible Grade Separated Overpass Bike/Ped Crossing









### **Metro Transit**

#### **Bus Accommodations**

- Bus Stop Pull outs
  - EB University Ave. after Farley Ave.
  - University Bay Drive NB after railroad tracks
- Bus Stops moved to far side
  - WB University Ave. after Marshall Court
  - EB University Ave. after Hill Street
- Bus Stops to remain in place
  - WB University Ave. Pull out after University Bay Dr.
  - EB University Ave. after Ridge Street
  - N. Franklin Ave







### **Madison Bus Rapid Transit (BRT)**

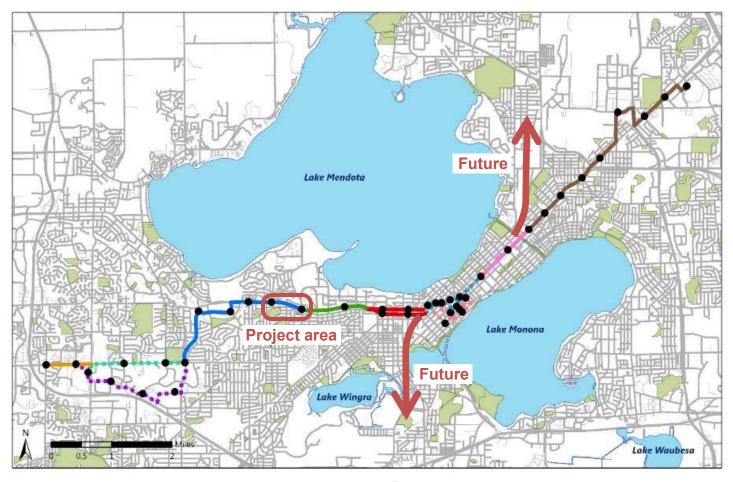
- University Ave. is part of the first planned route between East Towne and West Towne
  - Planned stations at University Bay Drive and Shorewood Boulevard
- Operate in mixed traffic with limited stops, signal priority, and off-board fare collection
- Westbound bypass lane queue skip at University Bay
- Project will accommodate future shoulder running on Campus Drive for BRT buses when traffic is heavy
- Coordination with BRT Study Team is ongoing







# **Madison Bus Rapid Transit (BRT)**









### **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 to be completed in July; design alternatives will be evaluated
- Willow Creek Watershed Study in the City of Madison will kick off July/August 2019
  - Completed Concurrently with University Avenue design







# **Project Schedule**

#### Spring – Fall 2019

- Complete University Bay Dr. Underpass/Overpass Feasibility Study
- Environmental Document
- Preliminary Plans
- Right of Way Plat
- 2<sup>nd</sup> Public Involvement Meeting

#### Winter 2019/2020 - Summer 2020

- Final Plans
- Purchase Right of way
- 3<sup>rd</sup> Public Involvement Meeting

#### <u>Spring 2021 – Fall 2021</u>

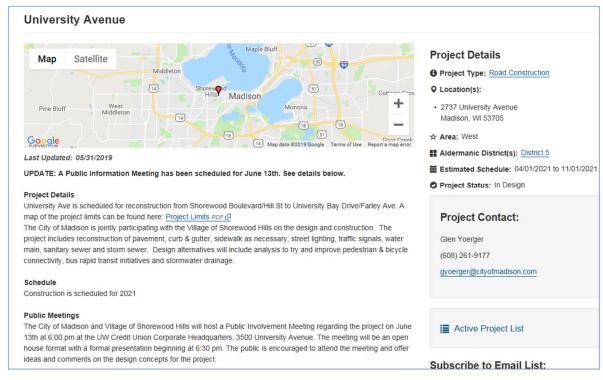
Construction







### **Project Website & Notifications**



https://www.cityofmadison.com/engineering/projects/university-avenue https://www.facebook.com/CityOfMadisonEngineering/

Please Complete and Return Comment Forms by July 3, 2019







### **Comments at PIM**

- Pedestrian/Bike Crossings
- Bicycle Facilities on South Side
- Schmitt Place median opening
- Overpass N-S connections

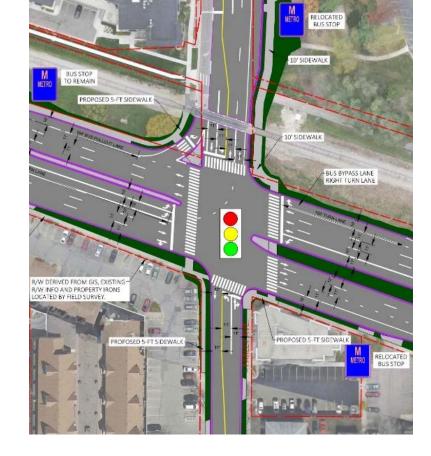






# Pedestrian/Bike Crossing

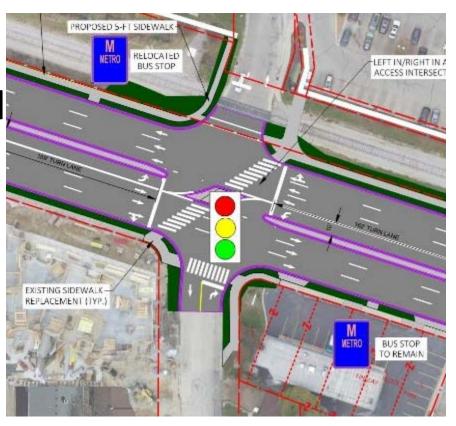
- Continental Crossings
- Pedestrian leading signal
- Provide for E side priority with new bus stops & sidewalk
- N-S Bridge or Tunnel





# Pedestrian/Bike Crossing

- Widen Crossings
- N-S Bridge or Tunnel conflict

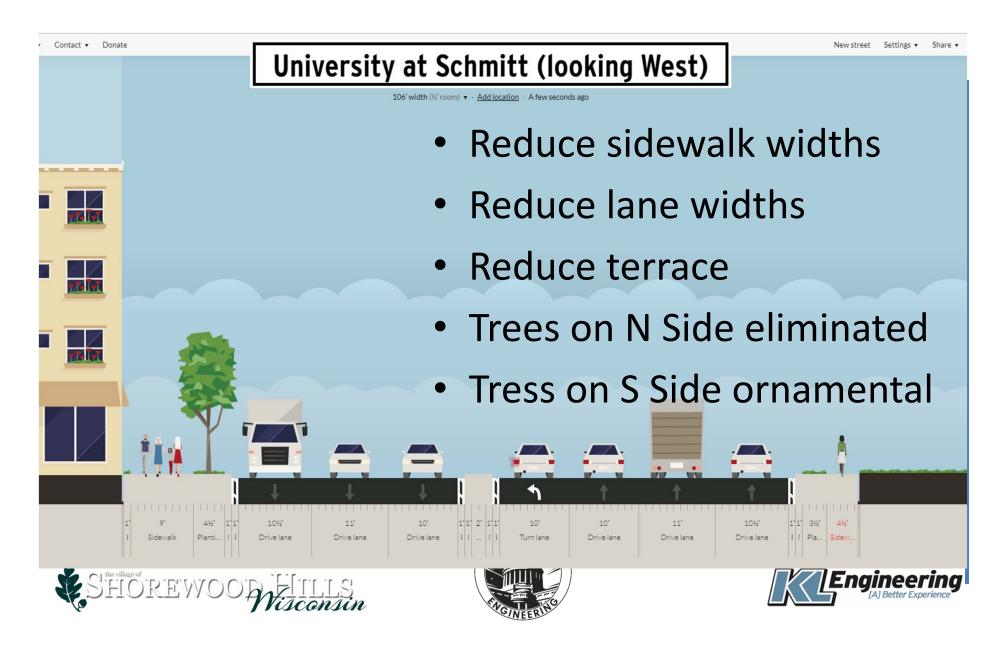








### **Bikes on South Side**

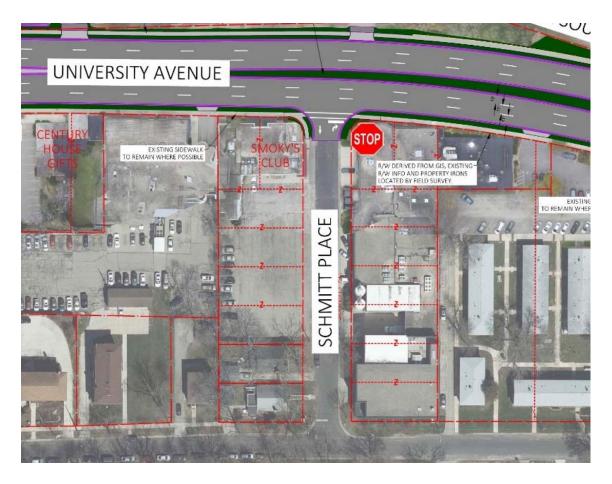


### **Bikes on South Side**

Focus on next block streets



### **Schmitt Place**



#### Schmitt Pl - Draft

- Narrow Exist Median
- R/W Pinch Point
- Poor Sight Distance
- Close Median
- Left Turn In and Out are prohibited







### **Overpass**

N-S connection

