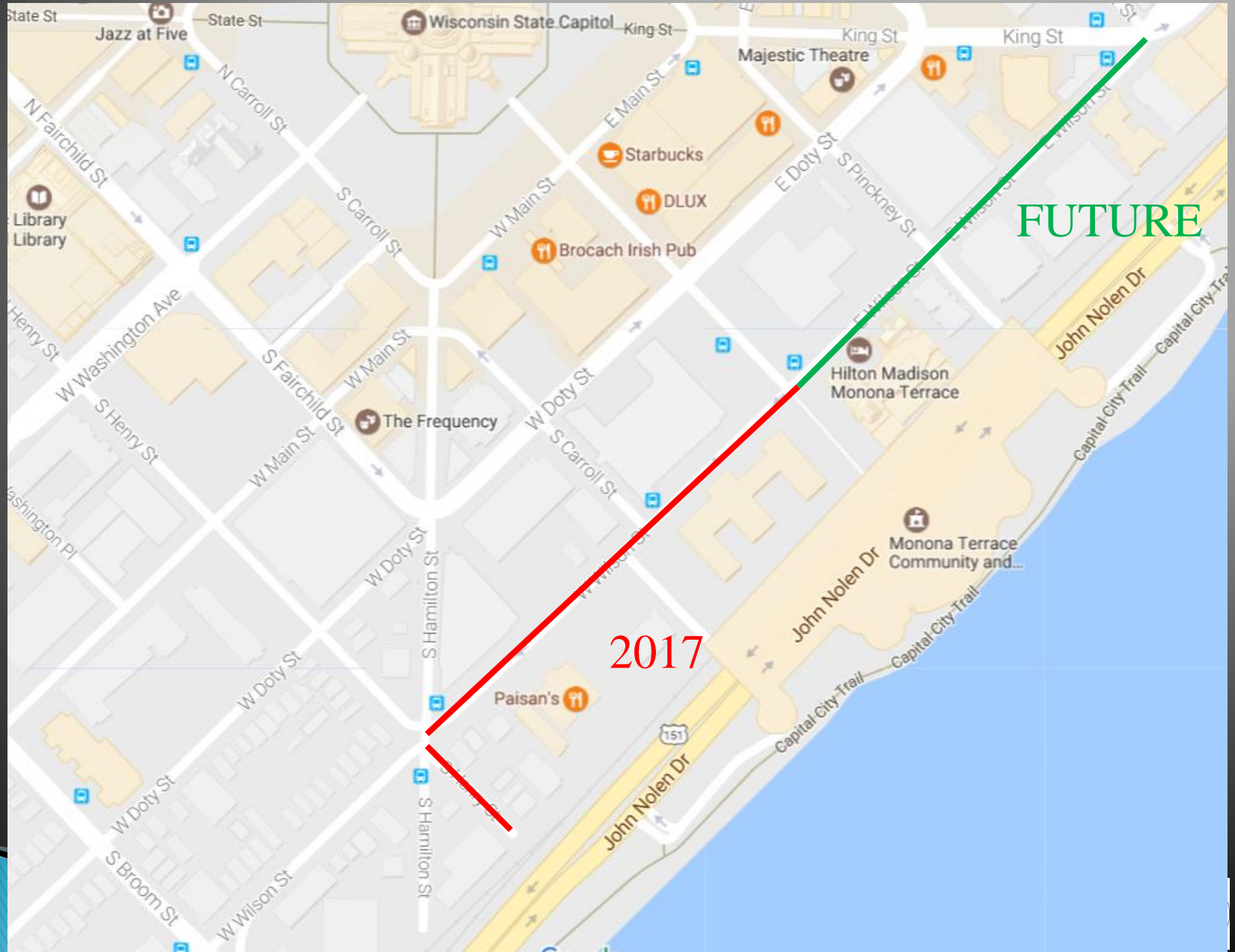


2017 W. Wilson Street Reconstruction

Public Information Meeting
March 20, 2017

Location



Project Scope

- ▶ Replace street infrastructure – options
- ▶ Utility replacement
- ▶ Install new lighting
- ▶ Future project (2019?)
- ▶ Includes reconstruction of S. Henry St.
 - Utility and street replacement
 - Pedestrian lighting

City Utility Work

- ▶ Replace sanitary sewer main & laterals
 - Existing mains installed in 1914 (Henry) & 1923 (Wilson)
 - Laterals replaced to property line
- ▶ Water main & services
 - 2 mains on Wilson – 16” from 1995 & 4” from 1882
 - Connect all services on Wilson to 16” main
 - Replace existing main on S. Henry St. & connect services
- ▶ Replace/install storm sewer to fit new street

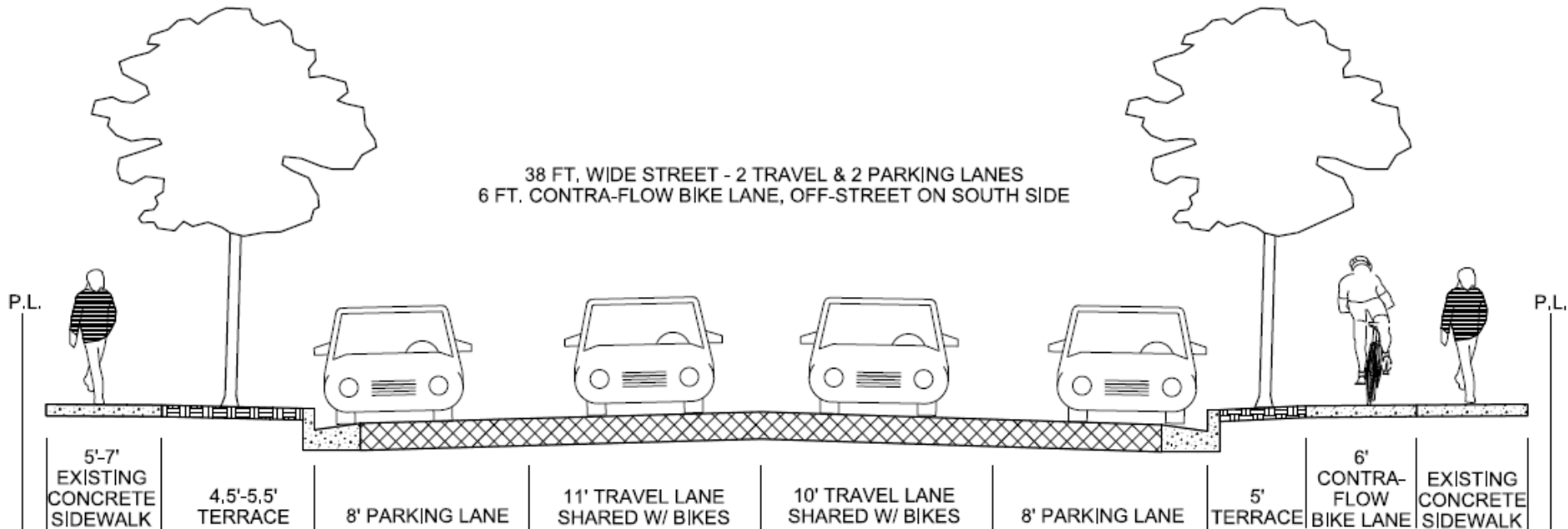
Street Details

- ▶ Existing Street: W. Wilson St.
 - Asphalt pavement rated 4 out of 10
 - Existing curb and gutter rated 7 out of 10
 - 2 travel lanes and 2 parking lanes (loading by CCB)
 - Street width 40 ft.
 - Standard width sidewalks on both sides
 - Poor drainage near intersection w/ Hamilton & Henry
- ▶ Existing Street: S. Henry St.
 - Asphalt pavement rated 6 out of 10
 - Existing curb and gutter rated 4 out of 10
 - Travel in both directions and parking on both sides

Proposed Street Work

- ▶ Full reconstruction of S. Henry St.
 - Same street width & travel/parking
- ▶ Install new pedestrian scale lighting
 - Bassett style, typical downtown
- ▶ Underground overhead lines
- ▶ Street section options for W. Wilson St.
 - Maintain existing lanes, contra-flow bike lane adjacent to sidewalk, narrowed terraces
 - Remove parking on 1 side, install on-street contra-flow bike lane, maintain terraces
 - Maintain existing lanes, widened sidewalk

Wilson Alternative 1

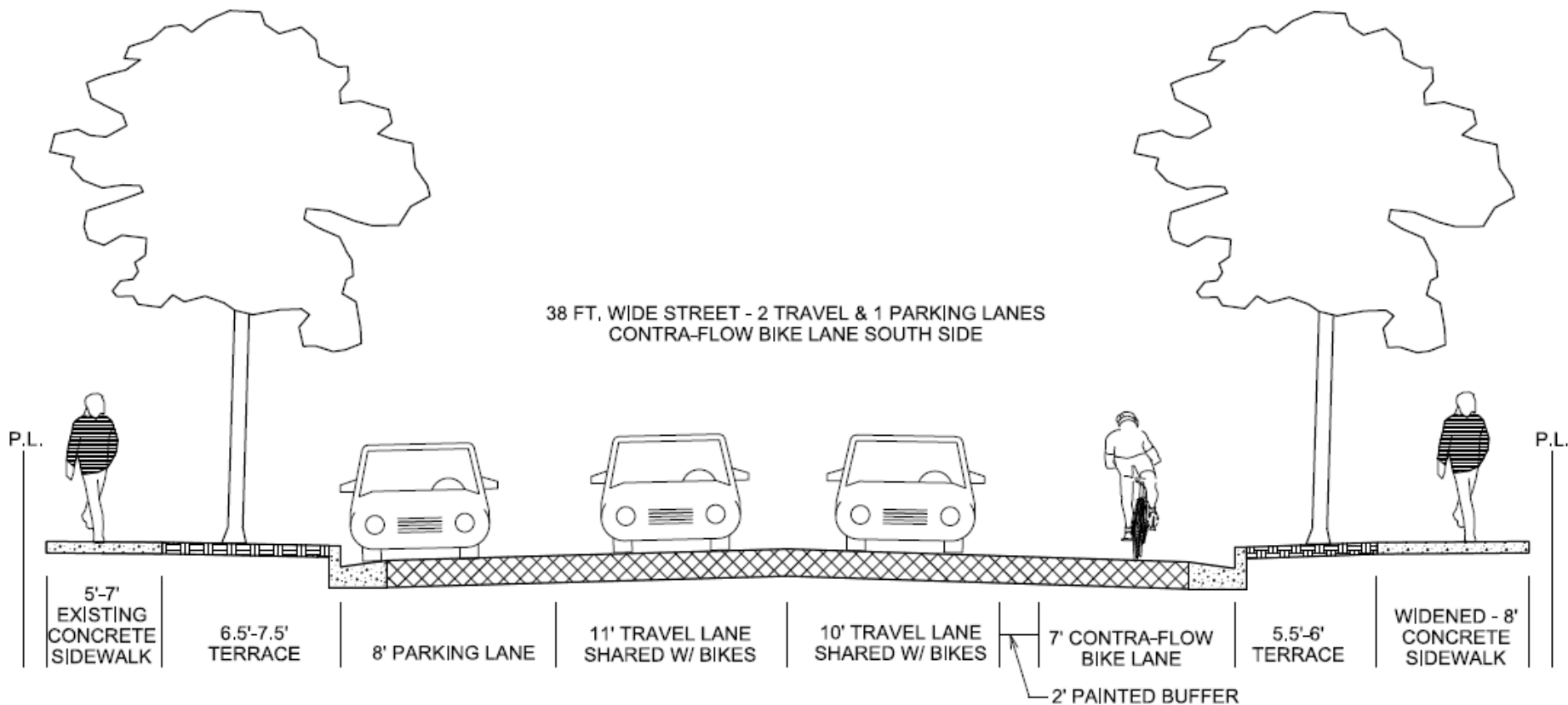


- ▶ **Contra-flow bike lane adjacent to sidewalk**
 - Maintains travel & parking lanes
 - Narrows terraces & removes all existing trees, except 1
 - Limits space for new tree plantings

Wilson Alternative 1

- ▶ Plan

Wilson Alternative 2



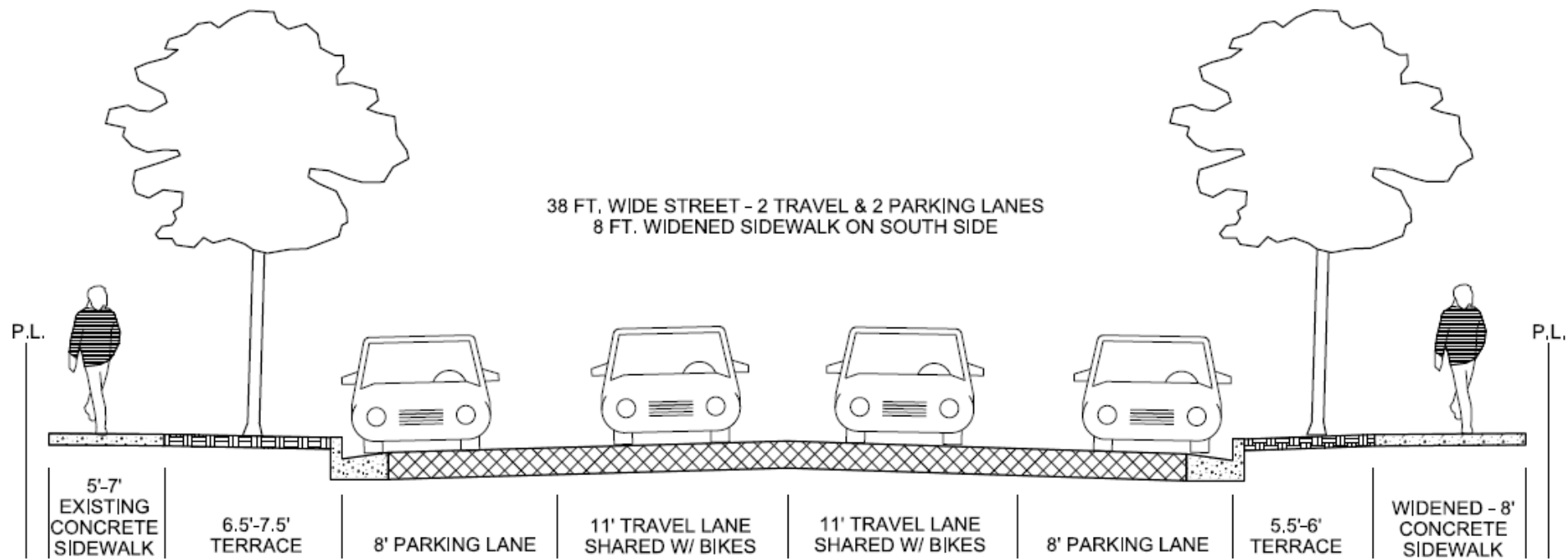
▶ Contra-flow bike lane on street

- Removes parking lane on south side (15 stalls, loading)
- Maintains terrace space & existing trees

Wilson Alternative 2

- ▶ Plan

Wilson Alternative 3



- ▶ 8' widened sidewalk on south side
 - Better shared space (biking legal on sidewalk in this area)
 - Maintains terrace space & existing trees (2 removals)
 - Maintains travel lanes & parking lanes
 - Potential for future on-street contra-flow bike lane

Wilson Alternative 3

- ▶ Plan
- ▶ Comparison Plan

Other Considerations

- ▶ Remove travel lane instead of parking
 - Only westbound street south of Capitol
 - Capacity issues – back up from Hamilton through MLK
 - Delay at Hamilton increased from 47 sec to 330 sec
 - Judge Doyle Square redevelopment parking garage will exit on to Wilson
 - Impacts on Metro operations
- ▶ Two-way, off-street bike lane
 - Requires elimination of travel or parking lane
 - Safety concerns at driveway crossings, unexpected 2-way bicyclists
 - Signal timing/phasing at Hamilton intersection
 - Tree removals

Proposed Section

- ▶ Propose Alternative 3 – Widened Sidewalk
- ▶ Maintains 2 travel lanes
 - Capacity issues if travel lane removed
- ▶ Maintains existing parking & loading zones
 - Parking stalls on W. Wilson at 80%–90% occupancy
- ▶ Preserves most of the existing trees
- ▶ Provides adequate terrace for new plantings
- ▶ Not ideal for bicyclists, but widened sidewalk improves shared space
 - Legal to bike on sidewalk in this area
- ▶ Could add on-street contra-flow lane in future

Trees

- ▶ Engineering will review project with Forestry and will work with contractor & inspectors during construction to preserve any trees that remain
- ▶ Trees will be pruned prior to construction to provide required clearance above street
- ▶ After construction, the site will be reviewed by City Forestry for new plantings and replacements

Construction

- ▶ Bid project with fall or spring 2018 option
 - Better bid prices & more competition
 - If Fall, start work August 7 (after Concerts on Square)
 - Approximately 3 month duration
- ▶ Maintain one travel lane during construction
- ▶ On-street parking removed during construction
- ▶ Sidewalk open on at least one side at all times
 - Pedestrian access to businesses
- ▶ Maintain temporary cross walks
- ▶ At least 1 planned water shutoff, notified a minimum of 48 hours prior
- ▶ Standard work hours allowed: 7AM–7PM

Assessment Policy & Costs

Item	Property Owner Share	City Share
Curb and Gutter*	50%	50%
Pavement	0%	100%
Replace Sidewalk/Apron	50%	50%
Intersect Curb & Pvmt	0%	100%
Storm Sewer	0%	100%
Priv Storm Connects	100%	0%
Sanitary Sewer Main	0%	100%
Sanitary Sewer Laterals	25%	75%
Water main & services	0%	100%
Pedestrian Lights	100%	0%

* Curb & pavement assessed per linear ft. of frontage, only sections replaced due to existing condition or for laterals will be assessed

Assessment Policy & Costs

- ▶ Assessments can be paid in lump sum or over 8 years with 3% interest
- ▶ Final assessments will be mailed in the summer the year following the project completion
- ▶ Final assessments will be calculated based on bid prices and measured quantities

Anticipated Project Timeline

- ▶ Mail estimated assessments and Public Hearing Notice by Fri 3/24/17
- ▶ BPW Public Hearing 4/5/17
- ▶ CC Hearing 4/18/17
- ▶ Advertise for Bids 5/5/17
- ▶ Start Construction– August '17 or Spring '18

- ▶ Future project – 2019??
 - Coordinated with Judge Doyle Square

Contacts

- ▶ Project Manager – Jim Wolfe, 266-4099
jwolfe@cityofmadison.com
- ▶ Sanitary Sewer – Mark Moder
261-9250, mmoder@cityofmadison.com
- ▶ Water Utility – Pete Holmgren 261-5530
pholmgren@madisonwater.org
- ▶ Traffic – Yang Tao, 266-4815
ytao@cityofmadison.com
- ▶ Lighting – Brian Smith, 261-9625
bsmith@cityofmadison.com
- ▶ <http://www.cityofmadison.com/engineering/projects>
 - Will be a pin on W. Wilson St.

Discussion