

E WILSON STREET AND E DOTY STREET RECONSTRUCTION - 2024

Public Information Meeting
City of Madison Engineering Division
[12/7/2023]

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



Meeting Technical Housekeeping

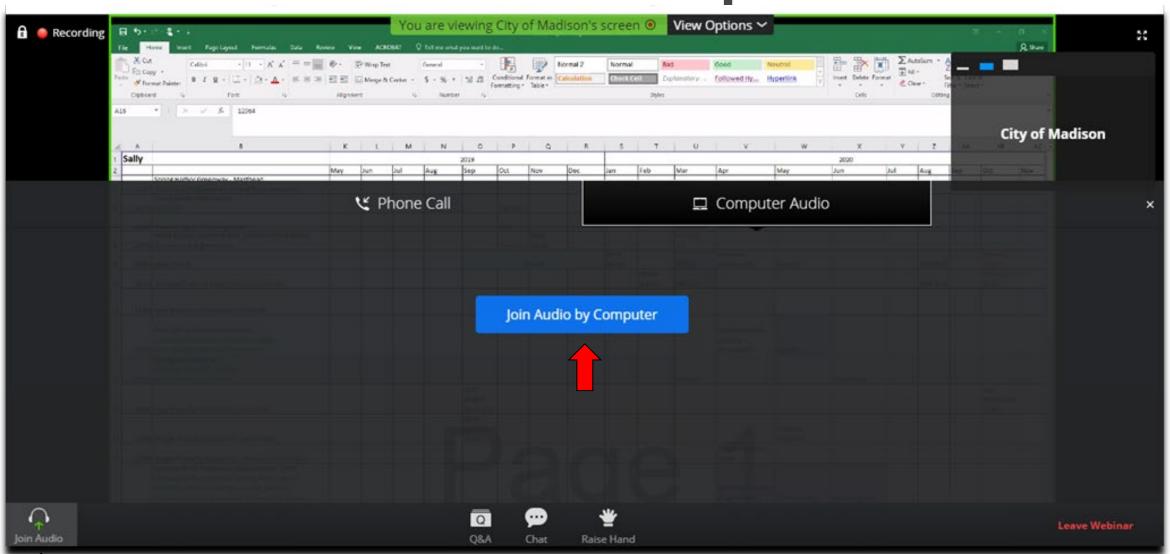
- This meeting will be <u>recorded</u> and posted to the project page.
- All attendees should be <u>muted</u> to keep background noise to a minimum.
- Use the <u>"chat"</u> button for technical issues with meeting to troubleshoot with staff to assist.
- Use the <u>"Q and A"</u> button to type questions 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.

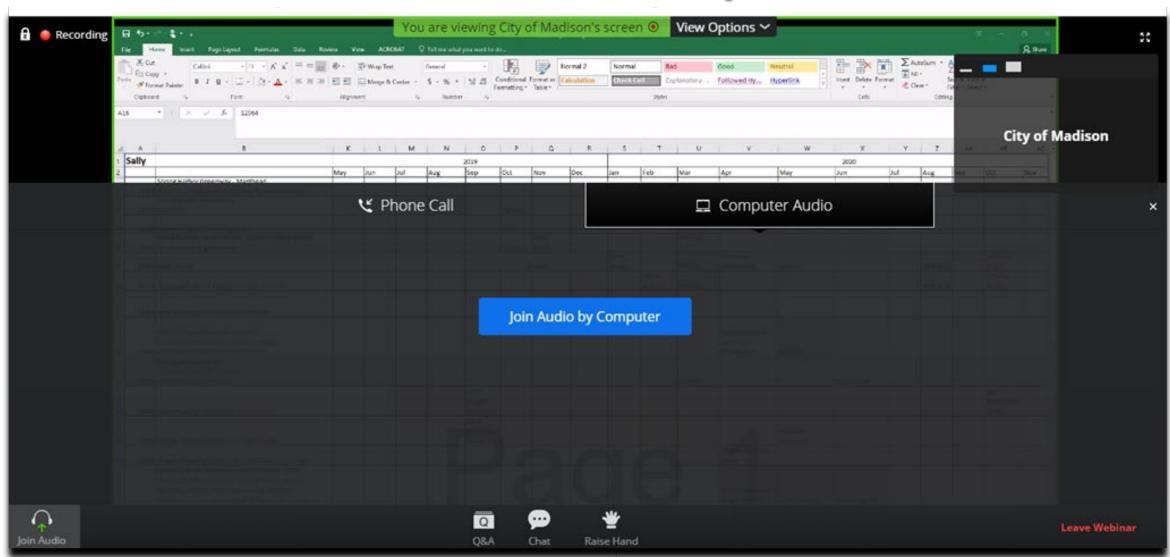


This meeting is being recorded. It is a public record subject to disclosure.

By continuing to be in the meeting, you are consenting to being recorded and consenting to this record being released to public record requestors.

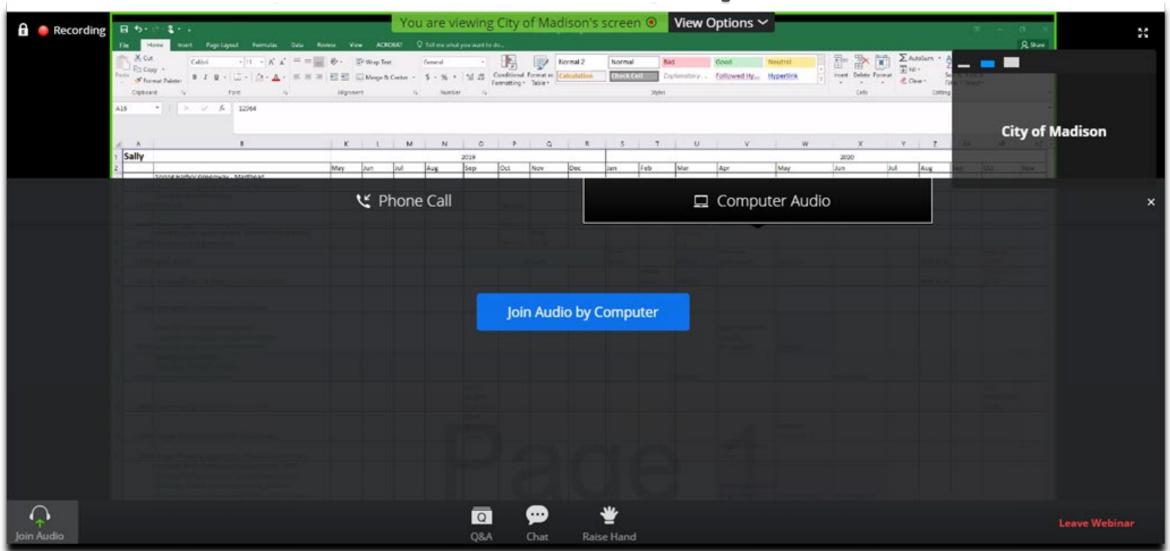






Raise your hand to be unmuted For comments or ask additional questions.

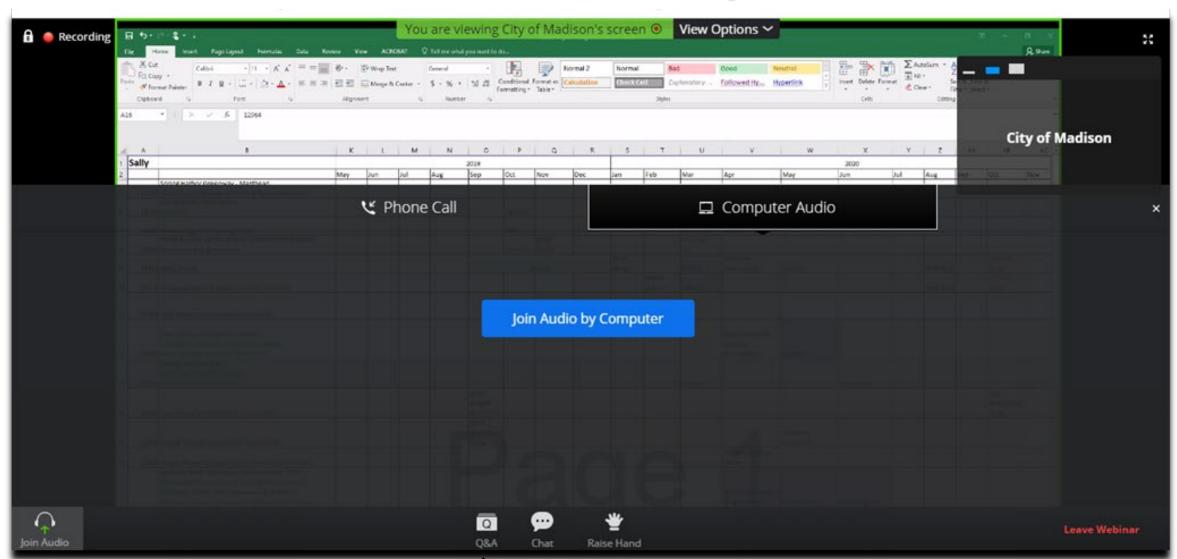




Use chat if you have technical issues or a question for the panelists

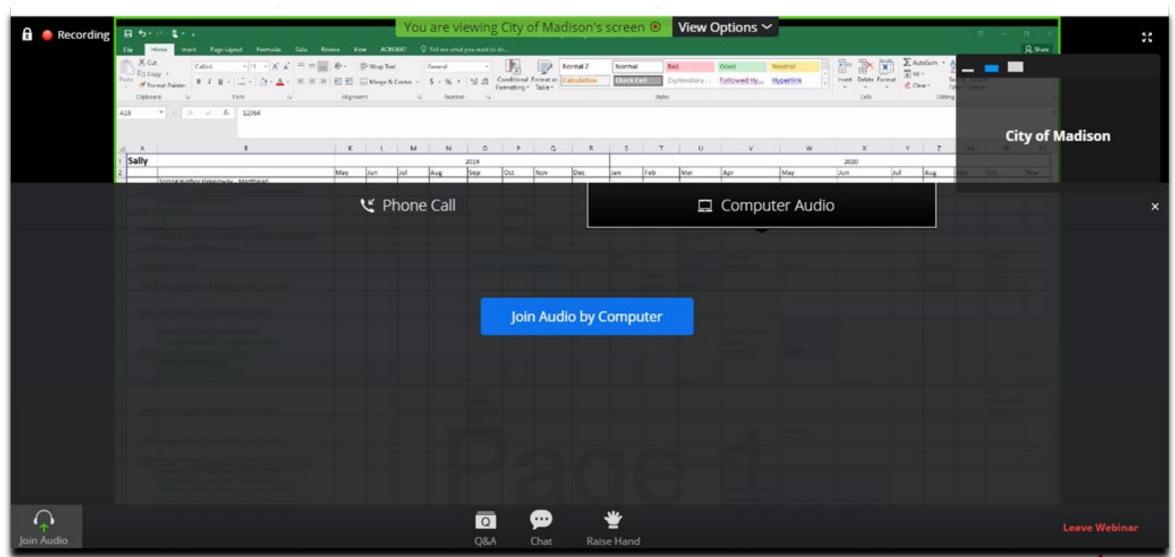






Use Q/A if you have questions. We will answer after the presentation





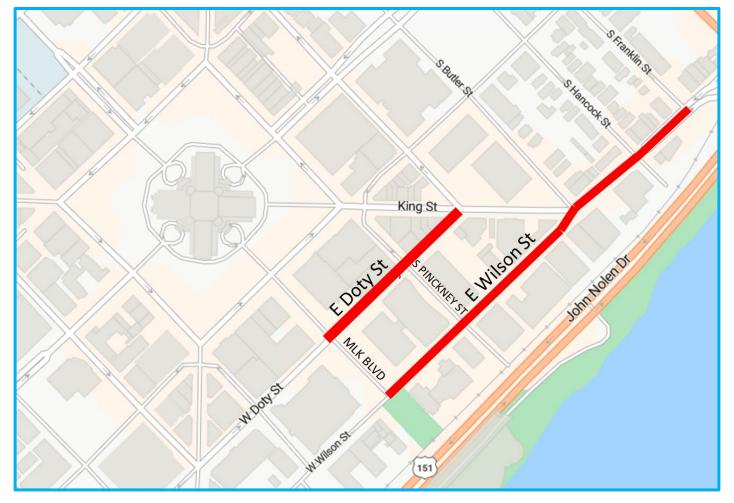
To leave the meeting click here



Presentation Preview

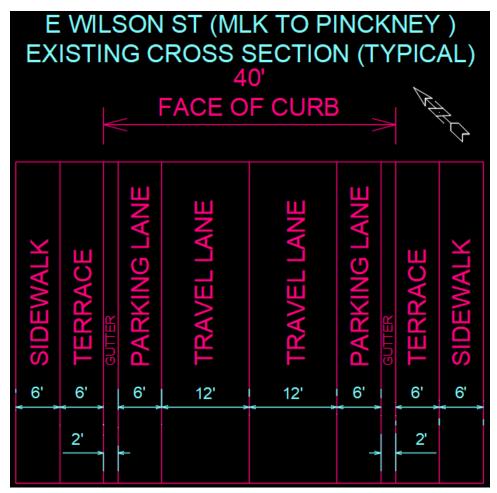
- Project Location
- Existing Conditions
- Wilson Street Corridor Study
- Proposed Design and Scope of Work
- Forestry
- Construction and Access
- Assessment Policy and Cost
- Project Schedule
- Contact Information and Recourses
- Q&A

Project Location



- E Wilson Street Martin Luther King Jr to S Pinckney
 - Surface
 - Pavement Rating 4/10, poor
 - Curb Rating- 6/10, fair
 - Street Width 40' Face of curb to face of curb
 - R.O.W. Width 66' Typical
 - Sidewalk Both sides.
 - On-Street Parking Both sides
 - Metro bus stop one located at the northeast corner of the E Wilson & MLK intersection
 - Street and ped lights north side only
 - Street trees 3 along the north side, 3 along the south side
 - Underground
 - Sanitary Sewer 8" PVC (2018)
 - Storm Sewer 12" RCP (2018), 12 VCP (1957)
 - Water Utility 16" Ductile Iron (1995)

E Wilson Street – Martin Luther King Jr to S Pinckney



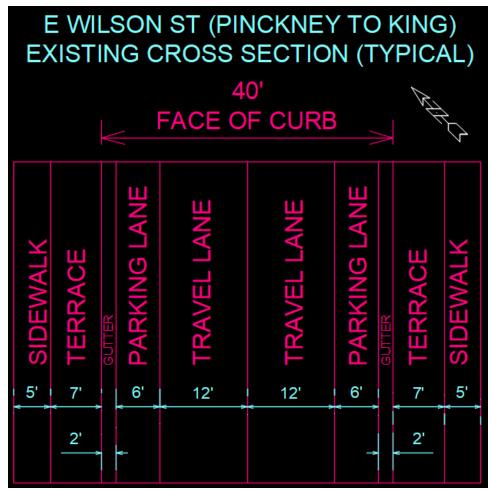




- E Wilson Street S Pinckney to King
 - Surface
 - Pavement Rating 4/10, poor
 - Curb Rating- 7/10, good
 - Street Width 40' Face of curb to face of curb
 - R.O.W. Width 66' Typical
 - Sidewalk Both sides.
 - On-Street Parking Both sides (sections unavailable currently due to site construction along the block)
 - Metro bus stop one located at the northwest corner of the E Wilson & King intersection
 - Street and ped lights north side only
 - Street trees 5 along the north side, 3 along the south side
 - Underground
 - Sanitary Sewer 6" clay (1906)
 - Storm Sewer 12" RCP (1995), 12" clay (1955)
 - Water Utility 16" Ductile Iron (1995), 6" cast iron (1882)



• E Wilson Street – S Pinckney to King



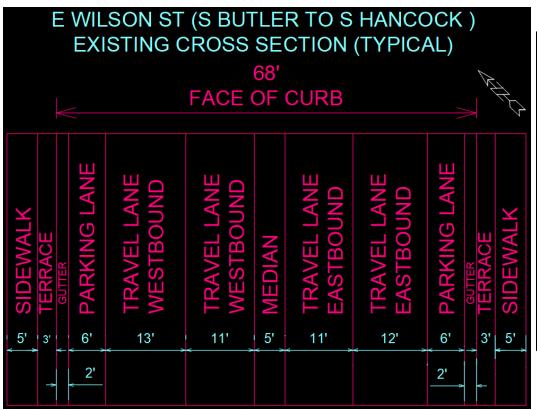


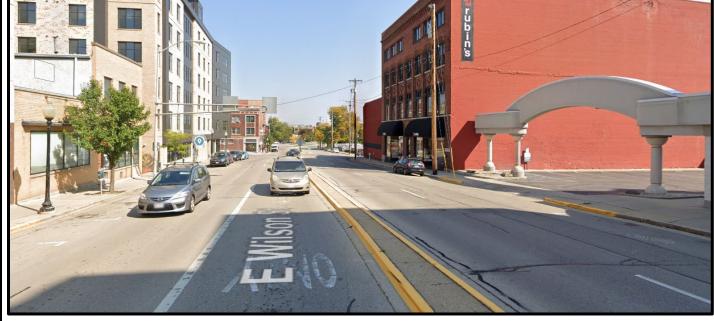


- E Wilson Street S Butler to S Hancock
 - Surface
 - Pavement Rating 6/10, Fair
 - Curb Rating- 7/10, Good
 - Street Width 68' Face of curb to face of curb
 - R.O.W. Width VARIES, 88' Typical
 - Sidewalk Both sides.
 - On-Street Parking Both sides
 - Metro bus stop south side only (eastbound)
 - Street and ped lights streetlights along both sides of the street, ped lights only on north side
 - Street trees 3 along the north side, none along the south side
 - Underground
 - Sanitary Sewer 10" PVC (2003)
 - Storm Sewer 27" RCP (1980), 8" repaired clay pipe (2015) and 8" PVC (2015)
 - Water Utility 16" Ductile Iron (1995) and 8" Cast Iron (1882)



• E Wilson Street – S Butler to S Hancock

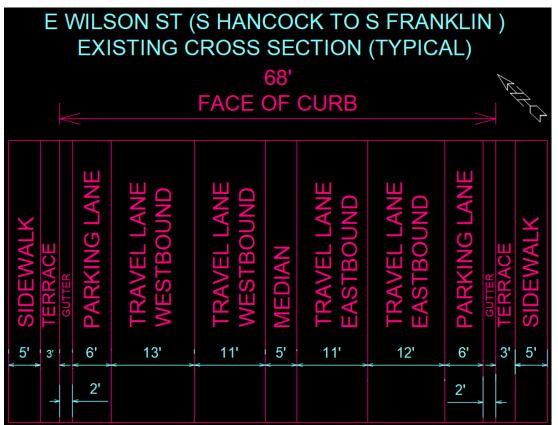




- E Wilson Street S Hancock to S Franklin
 - Surface
 - Pavement Rating 6/10, Fair
 - Curb Rating- 7/10, Good
 - Street Width 68' Face of curb to face of curb
 - R.O.W. Width VARIES, 96' Typical
 - Sidewalk Both sides.
 - On-Street Parking Both sides
 - Metro bus stop None
 - Street and ped lights streetlights along both sides of the street, ped lights only on north side
 - Street trees 5 along the north side, none along the south side
 - Underground
 - Sanitary Sewer 8" Clay pipe (1907)
 - Storm Sewer None along the block, pipe and inlets at the E Wilson & S Franklin intersection, 18" RCP (2019)
 - Water Utility 8" Cast Iron (1882)



• E Wilson Street – S Hancock to S Franklin



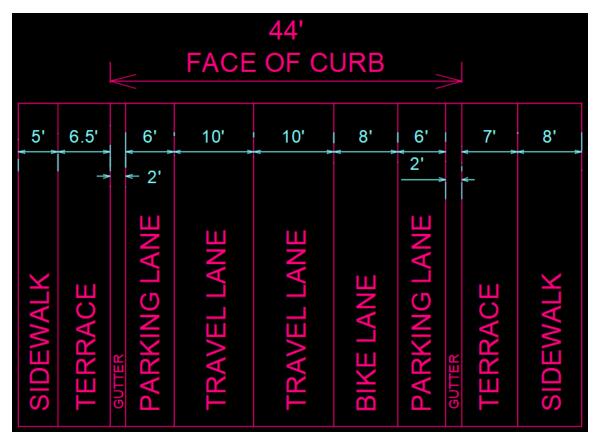




- E Doty Street Martin Luther King Jr to S Pinckney
 - Surface
 - Pavement Rating 4/10, Poor
 - Curb Rating- 5/10, Fair
 - Street Width 44' Face of curb to face of curb
 - R.O.W. Width 66' Typical
 - Sidewalk Both sides.
 - On-Street Parking Both sides
 - Metro bus stop southeast corner of the E Doty and MLK intersection(eastbound)
 - Street and ped lights streetlights along both sides of the street, ped lights along south side only
 - Street trees 4 along the north side, 4 along the south side
 - Underground
 - Sanitary Sewer 6" Clay pipe (1911)
 - Storm Sewer None along the block
 - Water Utility 10" Cast Iron (1923), 4" Cast Iron (1882),



• E Doty Street – Martin Luther King Jr to S Pinckney

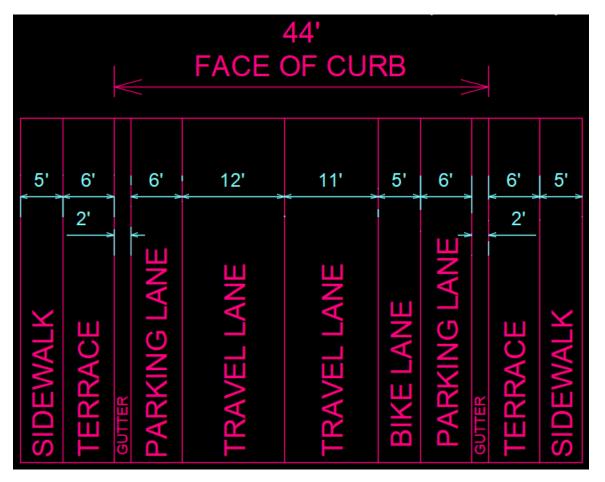




- E Doty Street S Pinckney to King
 - Surface
 - Pavement Rating 4/10, Poor
 - Curb Rating- 5/10, Fair
 - Street Width 44' Face of curb to face of curb
 - R.O.W. Width 66' Typical
 - Sidewalk Both sides normally, southside partially closed due to construction activities at 231 S Pinckney St
 - On-Street Parking Both sides
 - Metro bus stop None
 - Street and ped lights streetlights along north side only, no ped lights on either side
 - Street trees none along the north side, 2 along the south side
 - Underground
 - Sanitary Sewer 6" Clay pipe (1911), 8" PVC (2013)
 - Storm Sewer 15" RCP (2013), 12" RCP (2013)
 - Water Utility 10" Cast Iron (1923), 4" Cast Iron (1882), 10" Ductile Iron (2013)



• E Doty Street – S Pinckney to King





Wilson Street Corridor Study

- The proposed street cross section and cycle track improvements for this project are based on the Wilson Street Corridor Study performed in 2019 by the City of Madison Department of Transportation.
- Corridor study recommendations were adopted by the Common Council at the September 1, 2020 meeting.
- Full report can be found at the following link:
 - www.cityofmadison.com/transportation/documents/WilsonStreetAddendum-2.pdf



- E Wilson Street Martin Luther King Jr to S Pinckney
 - Surface
 - Replace all pavement and pavement base
 - Replace all curb and gutter, driveway aprons and concrete terraces
 - Replace damaged sections of sidewalk or as needed to complete installation of a sanitary lateral.
 - Restore grass terraces along the south side
 - Install 2-way cycle track along the south side off-street at sidewalk level
 - Install new pavement markings
 - Replace ped ramps at intersections to meet A.D.A. current standards
 - Replace or install new street and ped lights as needed
 - Install curb bumpouts on the south side along E Wilson at the intersection with E Pinckney. Note that the extension of the bumpout to the west of the intersection will require removal of 4 on-street parking stalls
 - Replace 2 existing street trees along the north side with new trees having terrace support systems

Underground

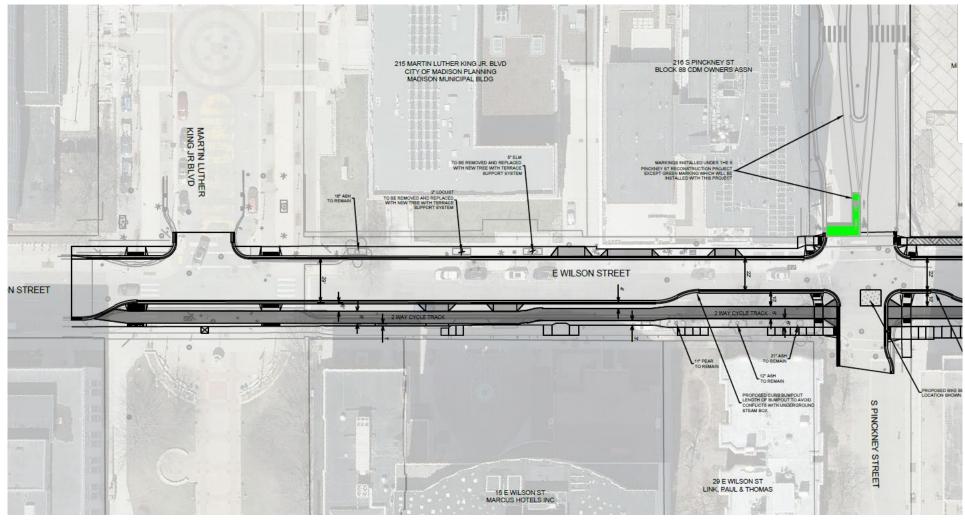
- Sanitary Sewer No sanitary sewer replacement work anticipated, existing main and laterals were installed in 2017 and are in good condition
- Storm Sewer Relocate inlets at the MLK intersection as needed
- Water Utility No water main replacement work anticipated, existing water main installed in 1995 and is in good condition



- E Wilson Street Martin Luther King Jr to S Pinckney
 - Proposed Cross Section

29' FACE OF CURB											
VARIES 8' TO 10'	VARIES 6' TO 7'	11'	10'	8'	VARIES 6' TO 4'	8'	5'				
EXISTING SIDEWALK	TERRACE	PARKING LANE + 1' GUTTER - OFF-PEAK TRAVEL LANE - PEAK WESTBOUND TRAFFIC	TRAVEL LANE WESTBOUND TRAFFIC	PARKING LANE + 1' GUTTER	TERRACE	CYCLE TRACK	EXISTING SIDEWALK				







- E Wilson Street S Pinckney to King*
 - Surface
 - Replace all pavement and pavement base
 - Replace all curb and gutter, driveway aprons and concrete terraces
 - Replace damaged sections of sidewalk or as needed to complete installation of a sanitary lateral.
 - Install 2-way cycle track along the south side off-street at sidewalk level
 - Install new pavement markings
 - Replace ped ramps at E Wilson/King and E Wilson/ S Butler intersections to meet A.D.A. current standards
 - Install accessible Metro Transit boarding pads along the north side terrace west of the E Wilson and King intersection
 - Replace or install new street and ped lights as needed

Underground

- Sanitary Sewer Replace main and laterals
- Storm Sewer Relocate inlets at the King intersection as needed due to curb relocation. Replace storm segments in poor condition
- Water Utility Abandon older main (1882), disconnect laterals served from this main and reconnect laterals to newer main (1995). No new installation is needed.

Construction Coordination

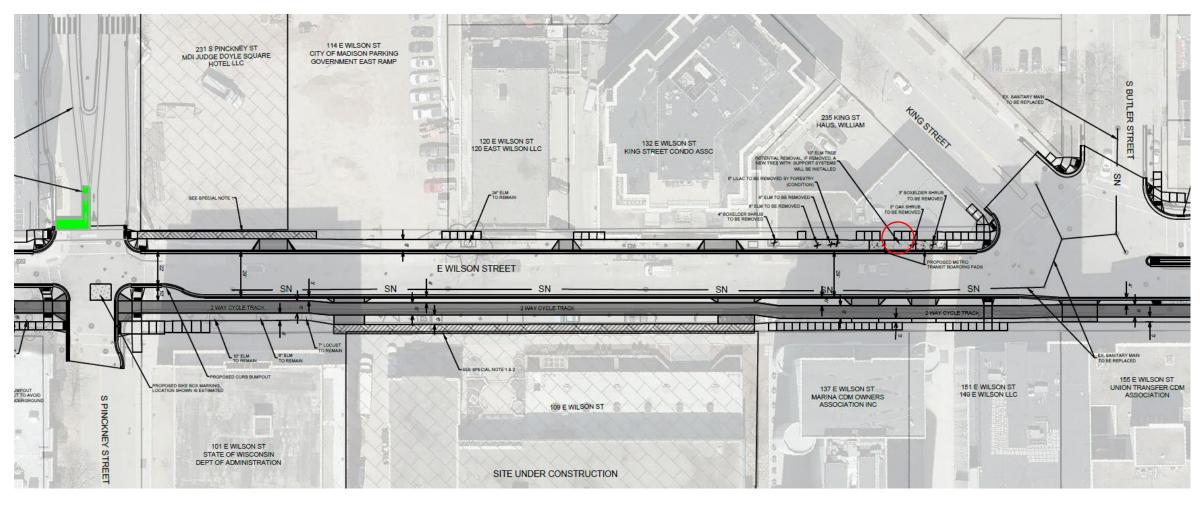
• City staff is currently coordinating construction work along the frontage of 109 E Wilson St which is currently under construction and will continue throughout next year. Due to space limitations in the right of way that could prevent having multiple contractors working in the same area, it is possible that some public improvements included in this project to be installed along the frontage of such property can't be installed during the project schedule and will have to be installed at a later date.



- E Wilson Street S Pinckney to King Proposed Cross Section
 - Proposed Cross Section

	29' FACE OF CURB											
5'	7.5'	11'	10'	8'	VARIES 3' TO 6'	8'	VARIES 3' TO 6'	VARIES 5' TO 6'				
EXISTING SIDEWALK	TERRACE	PARKING LANE + 1' GUTTER - OFF-PEAK TRAVEL LANE - PEAK WESTBOUND TRAFFIC	TRAVEL LANE WESTBOUND TRAFFIC	PARKING LANE + 1' GUTTER	TERRACE	CYCLE TRACK	BUFFER (CONCRETE OR GRASS)	EXISTING SIDEWALK				







City staff looking for feedback regarding potential tree removal. Please share your feedback if interested at the Q&A portion.



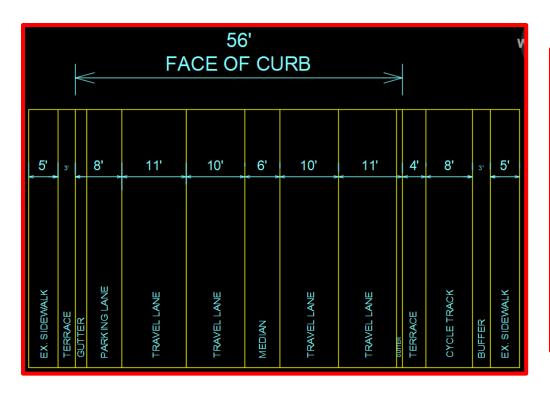
- E Wilson Street S Butler to S Hancock
 - Surface
 - Replace all pavement and pavement base south of the median, mill and overlay pavement surface between north side curb and median
 - Replace all curb and gutter along south side, spot replacement along north side
 - Replace and realign median to match the proposed cross section dimensions
 - Replace damaged sections of sidewalk or as needed to complete installation of a sanitary lateral.
 - Replace all driveway aprons adjacent to new curb
 - Replace all concrete terraces along south side, spot repairs along north side
 - Install 2-way cycle track along the south side off-street at sidewalk level
 - Install new pavement markings
 - Replace ped ramps at intersections to meet A.D.A. current standards
 - Install accessible Metro Transit boarding pad along the south side
 - Remove on-street parking along south side curb
 - Replace or install new street and ped lights as needed

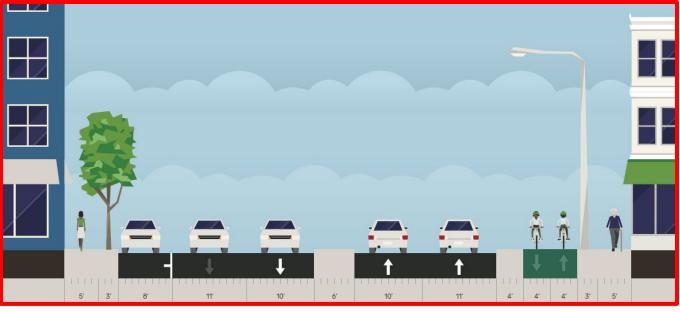
Underground

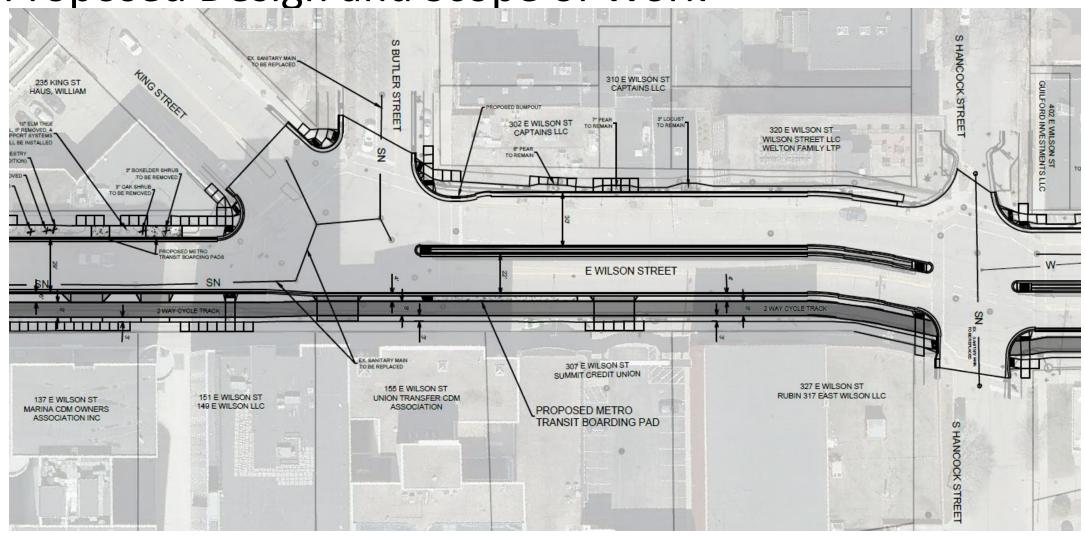
- Sanitary Sewer No sanitary sewer replacement work anticipated along the block, existing main and laterals were installed in 2003, are in good condition and meets the current capacity needs. Replace segment along S Hancock crossing E Wilson
- Storm Sewer replace older segments as needed at the S Hancock intersection
- Water Utility Abandon older main (1882), disconnect laterals served from this main and reconnect laterals to newer main (1995). No new installation is needed.



- E Wilson Street S Butler to S Hancock
 - Proposed Cross Section









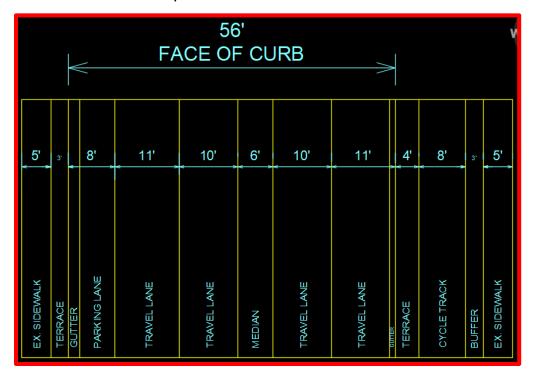
- E Wilson Street S Hancock to S Franklin
 - Surface
 - Replace all pavement and pavement base south of the median, mill and overlay pavement surface between north side curb and median (mill and overlay limits to be determined by the extent of the sanitary sewer and water main replacement work)
 - Replace all curb and gutter along south side, spot replacement along north side
 - Replace and realign median to match the proposed cross section dimensions
 - Replace damaged sections of sidewalk or as needed to complete installation of a sanitary lateral.
 - Replace all driveway aprons adjacent to new curb
 - Replace all concrete terraces along south side, spot repairs along north side
 - Install new cycle track along the south side and complete connection to the Capital City Bike Trail
 - Install new pavement markings
 - Replace ped ramps at intersections to meet A.D.A. current standards
 - Remove on-street parking along south side curb
 - Replace or install new street and ped lights as needed

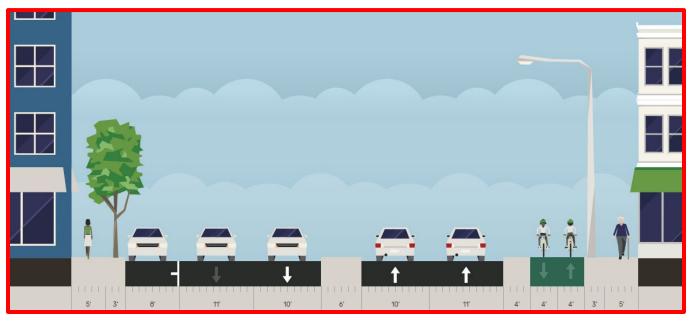
Underground

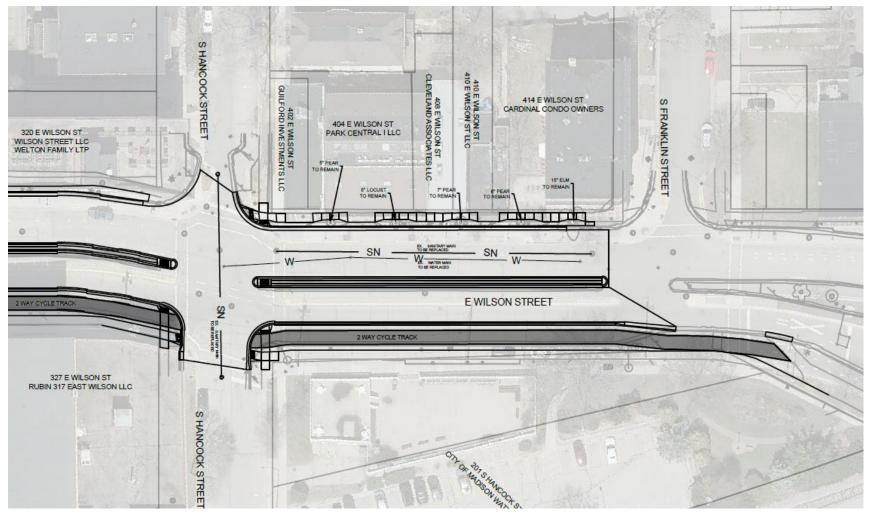
- Sanitary Sewer Replace existing 8" clay main (1907) and laterals along the block with new PVC pipe, reconnect laterals to new
 main
- Storm Sewer Install new main and inlets along north side curb as needed and reconnect/ replace storm laterals
- Water Utility Replace existing 8" cast iron main (1882) with new ductile iron pipe along entire block and reconnect laterals to new main



- E Wilson Street S Hancock to S Franklin
 - Proposed Cross Section







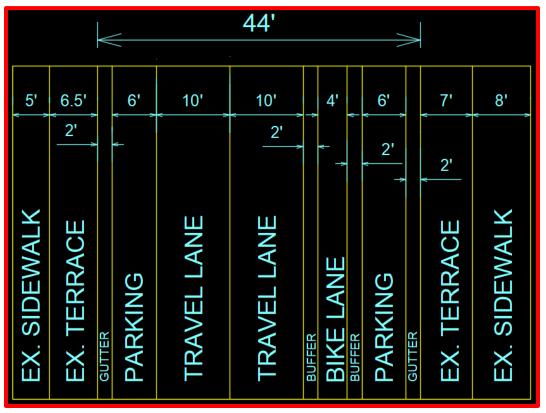
- E Doty Street Martin Luther King Jr to S Pinckney
 - Surface
 - Replace all pavement and pavement base
 - Replace sections of curb & gutter, sidewalk, driveway aprons, and concrete terrace that are in poor condition or as needed to complete installation of sanitary laterals.
 - Replace ped ramps at intersections to meet A.D.A. current standards
 - Install new curb bumpouts along E Doty at intersection with S Pinckney
 - Install new pavement markings
 - Replace or install new street and ped lights as needed

Underground

- Sanitary Sewer Replace existing 6" clay main (1911) and laterals along the block with new PVC pipe, reconnect laterals to new main
- Storm Sewer Install new main and inlets along north side curb as needed and reconnect/ replace storm laterals
- Water Utility Abandon older main (1882), disconnect laterals served from this main and reconnect laterals to newer main (1923). No new installation is needed.

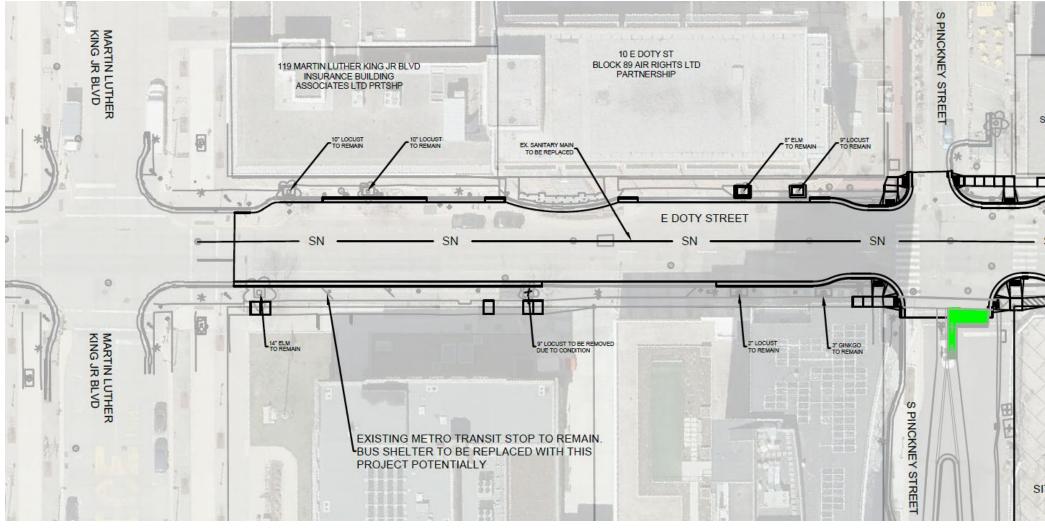


- E Doty Street Martin Luther King Jr to S Pinckney
 - Proposed Cross Section









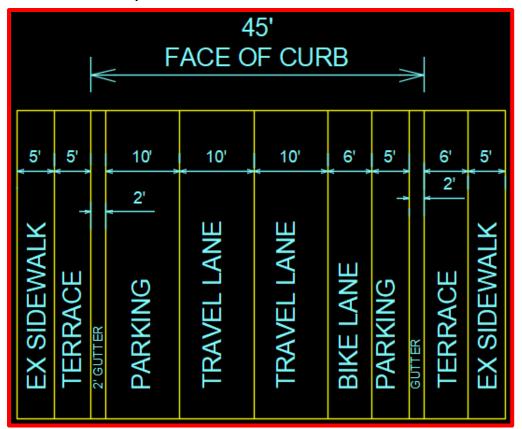
- E Doty Street S Pinckney to King
 - Surface
 - Replace all pavement and pavement base
 - Replace all curb and gutter, and concrete terrace along the north side, replace segments in poor condition along the south side or as needed to complete installation of sewer laterals
 - Replace sidewalk in poor condition along both sides of the street or as needed to complete installation of sewer laterals
 - Install new pavement markings
 - Replace or install new street and ped lights as needed

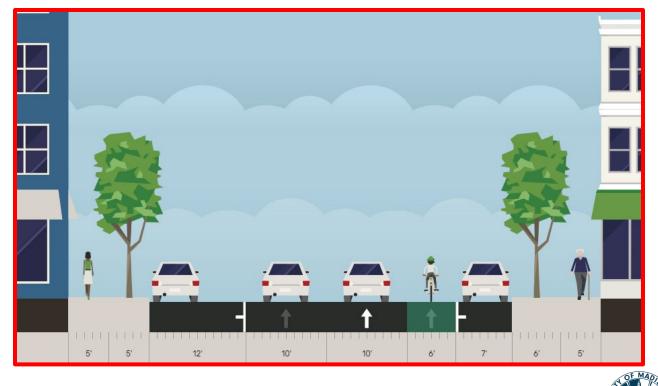
Underground

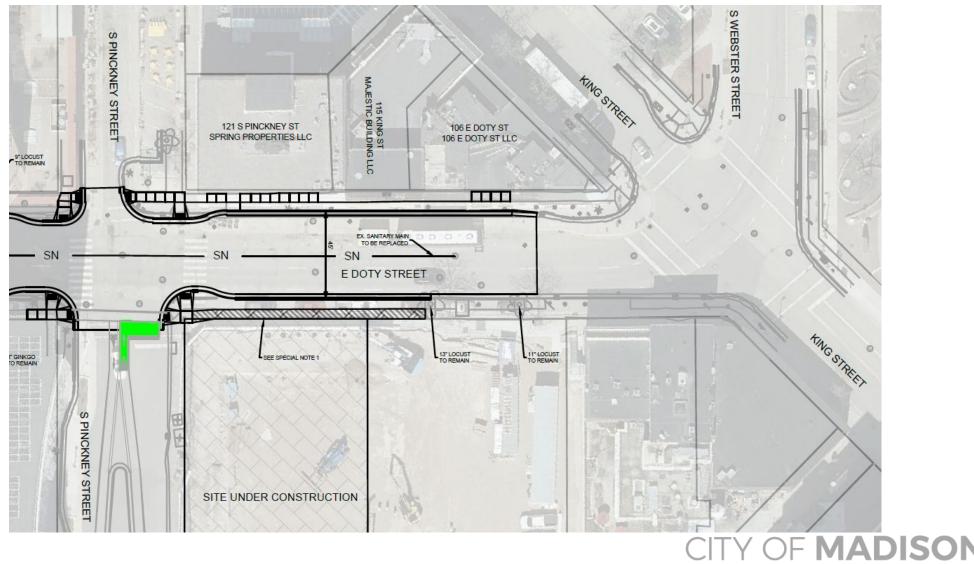
- Sanitary Sewer Replace existing 6" clay main (1911) and laterals along the block with new PVC pipe, reconnect laterals to new main
- Storm Sewer Replace inlets along the north side curb
- Water Utility Abandon older main (1882), disconnect laterals served from this main and reconnect laterals to newer main (1923). No new installation is needed.



- E Doty Street S Pinckney to King
 - Proposed Cross Section







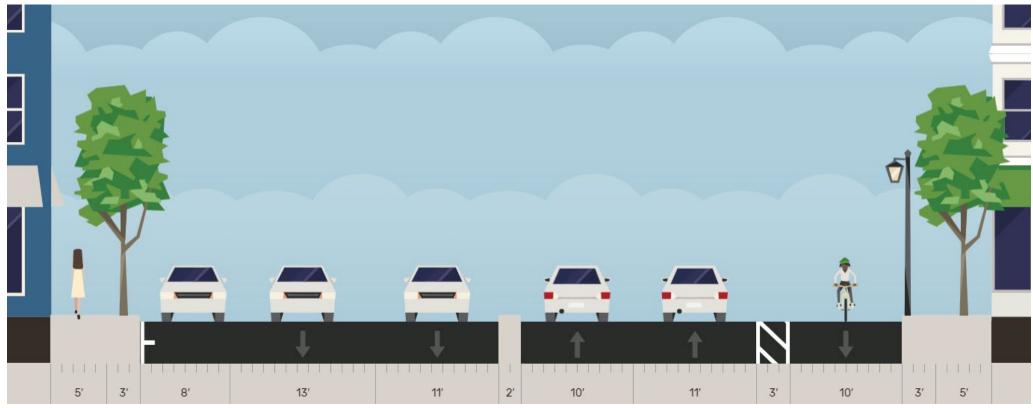
- Alternate Option Along E Wilson St with Cycle Track On-Street
 - Cross Section of E Wilson St from MLK to King 40' wide Face of Curb
 - Cycle track width of 9' which consist in 8' pavement + 1' gutter

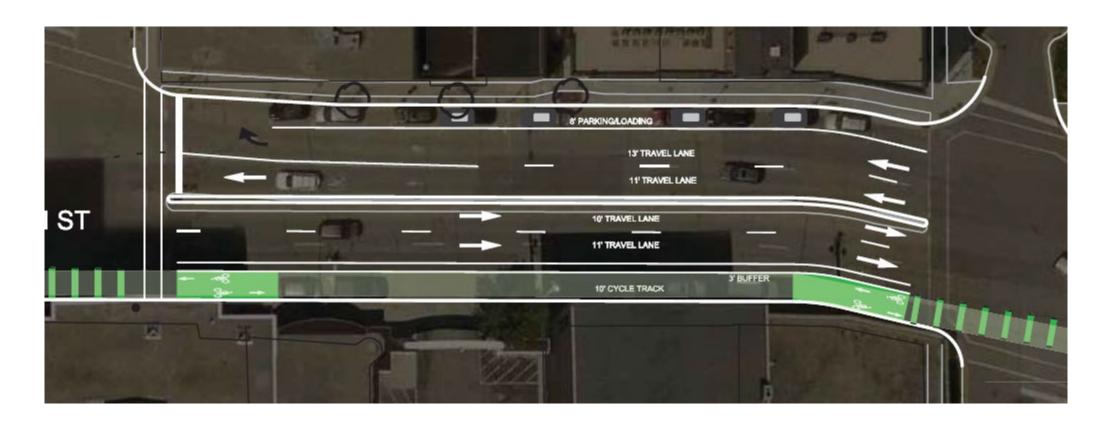




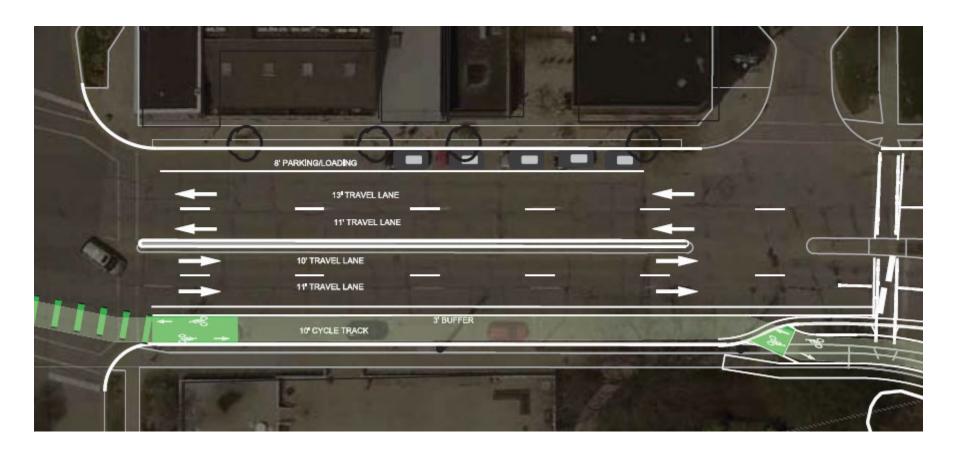


- Alternate Option Along E Wilson St with Cycle Track On-Street
 - Cross Section of E Wilson St from S Butler to S Franklin- 68' wide Face of Curb
 - Cycle track width of 10' which consist in 8' pavement + 2' gutter





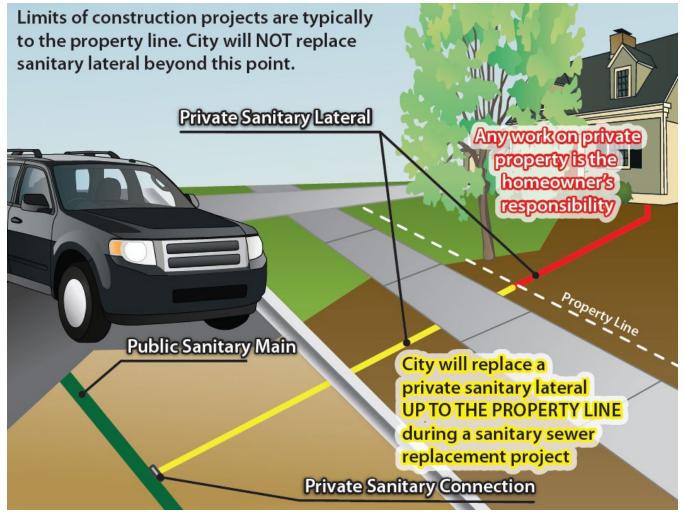






- City Staff recommends the off-street cycle track design option along E Wilson Street for a variety of reasons
 - Off-street option provides better protection to cycle track users minimizing collisions with general traffic
 - Cycle track must switch to parking lane at designated disable parking stalls
 - Only provides 2' buffer between MLK and King which is not enough separation to prevent collision within a parked vehicle door zone
 - Maintenance concerns during winter season
 - Potential conflict with Metro Transit proposed boarding pad east of S Butler on the street's south side





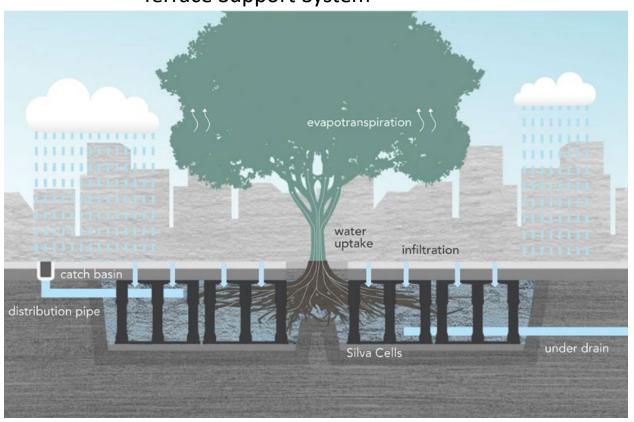
Forestry

- 4 street tree removals due to poor health condition
 - 5" Lilac fronting 235 King St (along E Wilson)
 - 9" Locust fronting 215 Martin Luther King Jr Blvd (along E Doty)
 - 2" Locust fronting 215 Martin Luther King Jr Blvd (along E Wilson), replacement tree will have terrace support system
 - 5" Elm fronting 215 Martin Luther King Jr Blvd (along E Wilson), replacement tree will have terrace support system
- 6 potential tree removals due to conflict with proposed improvements
 - 4" Boxelder Shrub fronting 235 King St (along E Wilson), conflict with installation of new street tree using terrace support system
 - 8" Elm fronting 235 King St (along E Wilson), conflict with installation of new street tree using terrace support system
 - 6" Elm fronting 235 King St (along E Wilson), conflict with installation of new street tree using terrace support system
 - 2" Oak fronting 235 King St (along E Wilson), conflict with installation of new street tree using terrace support system
 - 3" Oak fronting 235 King St (along E Wilson) conflict with installation of new Metro Transit bus pad
 - 3" Boxelder Shrub fronting 235 King St (along E Wilson) conflict with installation of new Metro Transit bus pad
- Engineering and Forestry staff are currently working on identifying potential areas for new tree
 plantings along E Wilson and E Doty. Areas with concrete terrace would require terrace support
 systems.



Forestry

• Terrace Support System





Construction & Access

- Construction is expected to begin in May 2024 and have a duration of approximately 6 months
- Residents, property and business owners will be notified 2 weeks prior the start of construction
- Access to commercial driveways shall be always maintained during construction
 - Brief interruptions to access can happen when construction activities are in front of a driveway. The contractor shall coordinate such work with the building manager or business owner.
- Allowed working hours are 7:00 am to 7:00 pm Monday Saturday and 10:00 am to 7:00 pm Sundays
 - Limited weekend work anticipated
- On street parking will not be allowed during construction hours
- Whole terrace/Right-of-way will get disturbed.
- MGE will have their contractor on-site performing replacement work on their utilities including gas main and electrical conduits. Engineering and MGE staff are currently coordinating such work.
- 109 E Wilson site is currently under construction which requires occupying a portion of the right-of-way. City staff is currently coordinating with site developer and contractor the use of this space. Some improvements to be included with this project might be impacted due to site construction activities and cannot be installed until a later date outside of the project schedule.
- City's staff goal is to maintain one lane of traffic along both E Wilson and E Doty during this project. Due to the amount of construction activity along the project limits (project contractor, MGE contractor, 109 E Wilson site contractor) it is possible that full closure will be required at specific times. Detours (if needed) will be announced ahead of time on the project page.



Assessment Policy & Costs

- Street Assessment Policy
 - Properties assessed for pavement replacement (10' width) based on property frontage
 - No assessments for Curb & Sidewalk
 - Properties assessed for sewer lateral and driveway apron replacement based on specific dimensions measured during construction
 - Assessed costs for specific items are based on an average of bid prices from the last 3 years of projects = standardizes costs, removes bidding variability
 - Unit Prices for Driveways, Pavement Reconstruction, and Terrace Walks will be set rates
 - Unit Prices for Sanitary Laterals and Private Storm Connections will be based on final bid prices
- Preliminary, estimated assessments to be mailed prior to project construction start
- Each condo owner shall receive an assessment letter instead of the condo association
- Final assessments will be calculated and final billing will be sent the following year of construction completion (Summer/Fall 2025)
- Assessments are payable in lump sum or in up to 8 installments at the current interest rate (5% for 2024 approval)



Assessment Policy & Costs

ltem	Property Owner Share	City Share
10-ft width of Asphalt Pavement Replacement*	100%	0%
Remainder of Pavement width	0%	100%
Driveway Apron Replacement	50%	50%
Sidewalk Replacement	0%	100%
Curb & Gutter Replacement	0%	100%
Sanitary Sewer Main Replacement	0%	100%
Sanitary Sewer Laterals to Property Line Replacement	25%	75%
Storm Sewer Main Replacement	0%	100%
Private Storm Connects, New or Existing	100%	0%
Water Main & Services Replacement	0%	100%
Street Trees Removals & Plantings	0%	100%
Street and Ped Lights Replacement	0%	100%
Street and Ped Lights New Installation	100%	0%

^{*}Based on LF Frontage of Individual Properties
A reduction factor will be applied to single/two-family residential corner lots



Project Schedule

- 12/13/2023: Transportation Commission
- 12/29/2023: Mail Estimated Assessments, Public Hearing Notice
- 1/10/2024: BPW Public Hearing
- 1/23/2024: Common Council Public Hearing
- 2 / 8/ 2024: Advertise for Bids
- 5/6/2024: Estimated Start Construction
- 10/18/2023: Estimated End Construction



Contact Information & Resources

- City Staff
 - Project Manager, Fadi El Musa Gonzalez, (608) 243-5214, Email: FElMusaGonzalez@cityofmadison.com
 - Sewers Engineer, Kyle Frank, Email: KFrank@cityofmadison.com
 - Water Utility Engineer, Tim Pearson, Email: <u>TPearson@madisonwater.org</u>
 - Traffic Control Engineer, Lukas Collins, Email: <u>LCollins@cityofmadison.com</u>
 - Ped & Bike Coordinator, Renee Callaway, Email: <u>ReCallaway@cityofmadison.com</u>
 - Forestry, Brad Hofmann, Email: <u>BHofmann@cityofmadison.com</u>
- Project Website: www.cityofmadison.com/WilsonEastDotyEast
 - 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



Q&A

