



Sidewalk Replacement Program Aldermanic District 18

Public Information Meeting
City of Madison Engineering Division
April 5, 2023

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 indicates "You are viewing City of Madison's screen" with a "View Options" dropdown. The main content is a shared Microsoft Excel spreadsheet showing a calendar for 2019 and 2020. The spreadsheet has columns for months and rows for years. A "City of Madison" logo is visible in the top right corner of the shared screen. Below the spreadsheet, there are 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 Zoom interface, there is a "Join Audio" button with a headset icon, also indicated by a red arrow. Other bottom icons include "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is in the bottom right corner.



Make sure to join audio



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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. The main content is a shared Microsoft Excel spreadsheet. The spreadsheet has a header row with columns labeled A through Z. Row 1 contains the name "Sally" in column A, followed by a calendar for the year 2019 (columns B through Q) and a calendar for the year 2020 (columns R through Z). 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 window, there is a toolbar with 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

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



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To leave the meeting
click here

CITY OF MADISON



Preview of Presentation

- What is the Sidewalk Replacement Program
- How Does it Work?
- Repair Criteria
- Construction Methods
- Construction and Access
- Restoration
- Objects in the Public Right of Way
- Assessment Policy
- Project Schedule
- Contact Information and Resources
- Questions/Comments

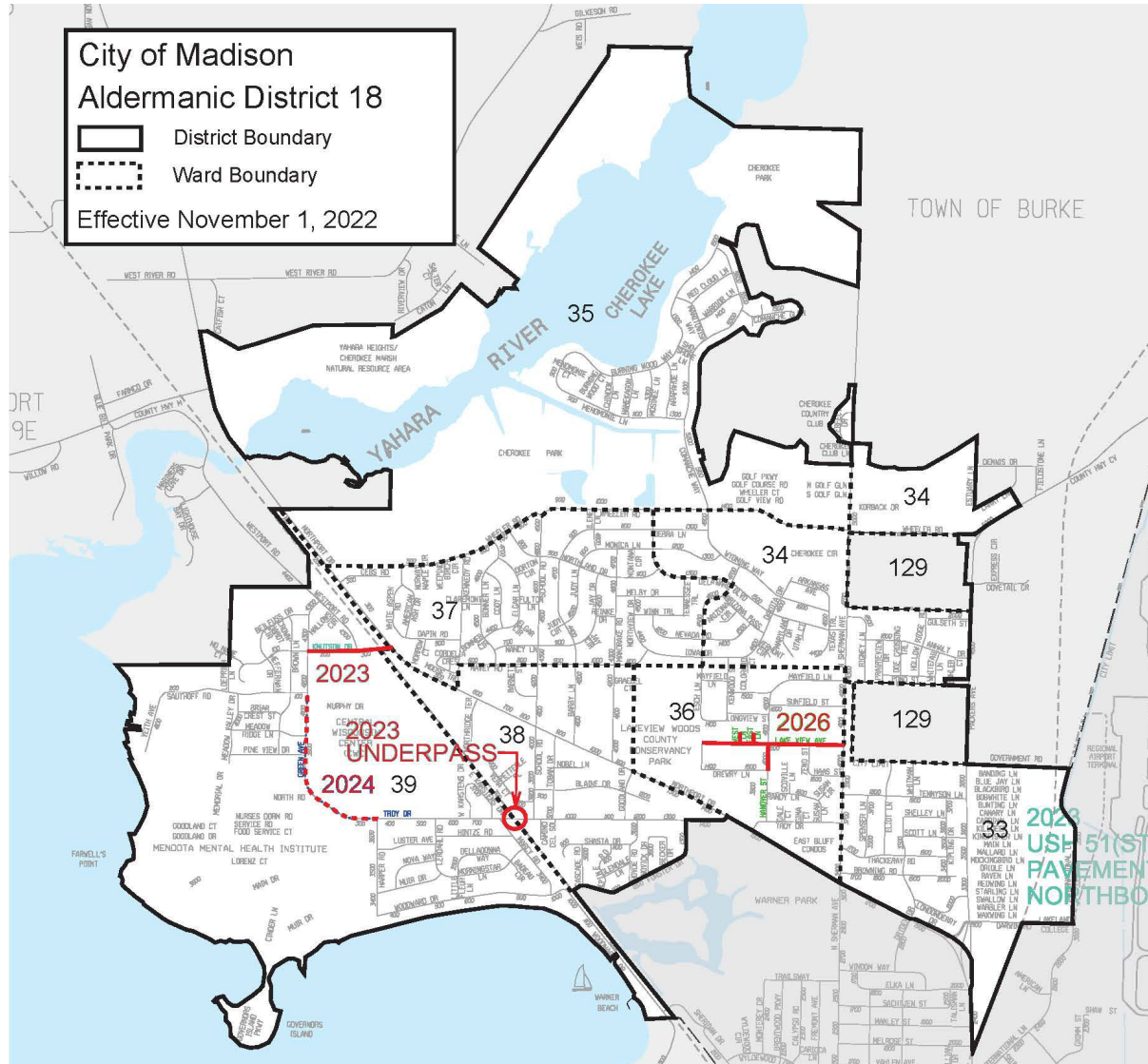
What is the Sidewalk Replacement Program?

- The Sidewalk Replacement Program was established by the Common Council to provide needed sidewalk maintenance and replacement throughout the City.
- The City of Madison is divided into 20 Aldermanic Districts, with the Sidewalk Replacement Program typically working within two districts each year.
- For 2023, the Sidewalk Replacement Program will be working within District 12 & 18.
- District 18 had previously been evaluated and had repairs completed in 2013.

How Does the Program Work?

- Inspection staff evaluate all sidewalk within the project limits starting in the summer/fall prior to construction year (2022).
- Repair locations are noted and quantities totaled, to be bid over the winter as a Public Works project.
- Resolution is brought before the BPW and CC.
- Contract is advertised and bid awarded in spring.
- After bids are opened and contract awarded, affected property owners are notified of impending repairs.

Project Location



Repair Criteria

- Broken Sections
- Cracks
- Heaved
- Missing Pieces
- Offset (>1/2")
- Patches
- Ponding Water
- Reverse Pitch
- Spalling
- Sunken
- Voids and Erosion of Joints

Repair Criteria Examples



Broken Sections

Repair Criteria Examples



Cracks

Repair Criteria Examples



Heaved

Repair Criteria Examples



Missing Pieces

Repair Criteria Examples



Offset Edges

Repair Criteria Examples



Patches

Repair Criteria Examples



Ponding Water

Repair Criteria Examples



Reverse Pitch

Repair Criteria Examples



Spalling

Repair Criteria Examples



Sunken/Settled

Repair Criteria Examples



Voids and Erosion of Joints

Construction Methods

➤ Sawcutting/Grinding (Contract #8713; Universal Concrete Grinding)

- Sections are marked with a pink paint line across the joint to be cut, and a white 'C'.
- Used on sections that have a vertical offset of $>1/2$ " and $<1 \frac{1}{2}$ ".
- Typically no other defects associated with the affected section.
- Vertical offsets are cut down to remove the trip hazard, creating a ramped transition area on the sidewalk.
- Sawcuts/grinds are done on a section only once. If a vertical offset occurs again, the section will be removed and replaced.

➤ Removal & Replacement (Contract #8706; Speedway Sand & Gravel, Inc)

- Sections are marked with a white painted 'X' and/or a series of arrows to mark the limits of removal.
- Used on sections that have defects that cannot be addressed with only the sawcut/grind.
- Sections are removed, new rock/base material is installed and compacted, forms placed, then new concrete poured back.

Construction & Access

➤ Sidewalk Closures

- Sidewalk will remain open on one side of street at all times.
- Sidewalk closed signs will be placed at the end of each block.
- Barricades and/or cones will be placed adjacent to any removed sections or excavated areas.
- Sidewalk is typically OK to walk on the day after pouring.
- Concrete may need 6-7 days cure time before driving on/over, possibly less depending on temperature.
- After sidewalk has been poured and forms removed, but prior to restoration work, wooden lathe and caution tape may be placed along edges of walk to alert pedestrians.

Construction & Access

➤ Driveway Access:

- Contractor will provide 48 hrs advanced notice if driveway access is restricted for residential properties, or will provide alternative means of access.
- Driveway access to multi-family units and commercial properties shall be maintained at all times, unless arrangements made with the property owner.
- If more than one driveway exists, contractor may close extra entrances, as long as access is maintained to at least one entrance at all times.
- If curing concrete not in place prior to weekends, $\frac{3}{4}$ " crushed stone will be placed in open excavations to allow weekend access. Contractor may also elect to place a steel plate to span the excavation.

Restoration

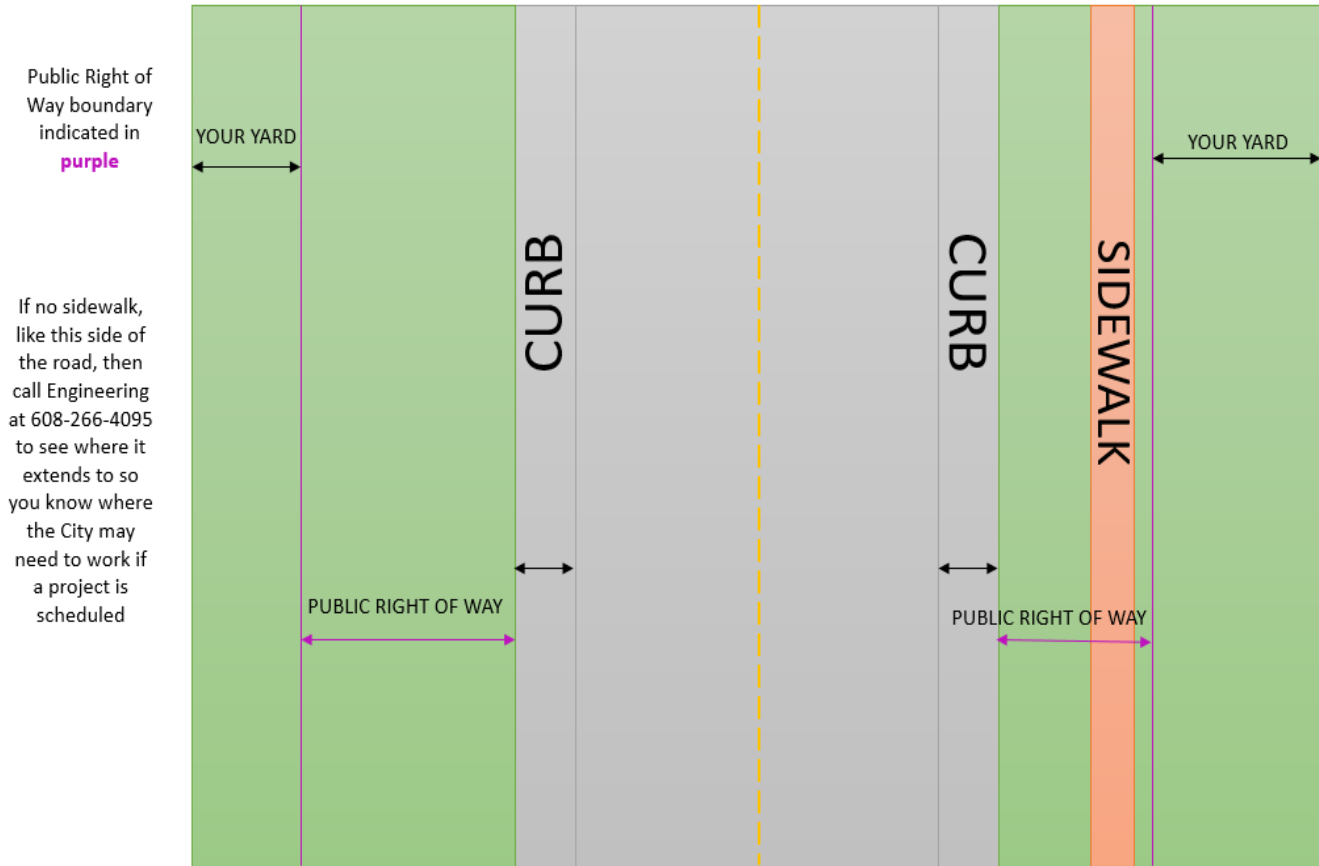
- Sidewalk will be replaced within 3 days after removal.
- Any disturbed terrace/grass areas will be restored with topsoil, seed, and erosion matting.
- Any driveway/asphalt patching will be replaced in kind, typically with approx. 1' wide patch on either side of sidewalk where needed.
- Restoration of asphalt and grass areas will be completed within 10 days of removal, or after concrete has cured.
- Barricades and/or lathe and caution tape will remain in place until restoration has been completed.

Objects in the Public Right of Way

- Objects placed within the public right of way (ROW) without a permit may be subject to removal and/or repair at the property owner's expense.
- The ROW typically extends approx. 12" past the back of sidewalk, closest to the house.
- Typical objects found within the ROW include: Plantings, Landscape Features, Fences, Retaining Walls, Sprinkler Systems, Invisible Dog/Pet Fences.
- Removing or marking these objects prior to construction may reduce the risk of damage.

Objects in the Public Right of Way

PUBLIC RIGHT OF WAY: 101



Public Right of Way boundary indicated in purple

If no sidewalk, like this side of the road, then call Engineering at 608-266-4095 to see where it extends to so you know where the City may need to work if a project is scheduled



Sidewalk is generally a good way to tell where the Public Right of Way boundary is

Public Right of Way boundary usually extends a few inches to a foot past the (typically 5 foot wide) sidewalk



Assessment Policy & Costs

- Revision to the City of Madison Policy for the Assessment of Street Improvements
- Approved by Common Council on Oct. 25, 2022, RES-22-00723, File No. 74024.
- As a result of the change in assessment policy, sidewalk sections that are removed and replaced as part of the Sidewalk Replacement Program **SHALL NOT BE ASSESSED** to the adjacent property.
- Sawcutting of offset edges is **not assessed** to abutting properties.
- Replacement of handicap accessible ramps is **not assessed** to abutting properties.
- Replacement of curb and gutter sections at handicap ramps is **not assessed** to abutting properties.
- Installation or repair of bus pads is **not assessed** to abutting properties.

Project Schedule

- 01/18/2023: Resolution to BPW
- 02/07/2023: Approved by CC
- 02/23/2023: Bid Opening
- 03/21/2023: Bid Awarded by CC
- 03/23/2023: Notice Letters Mailed to Property Owners
- 04/17/2023: Proposed Begin Construction.
- 09/15/2023: End Construction.



Contact Information & Resources

- Engineering
 - Bill McGlynn, Sidewalk Program Supervisor, 608-266-4537, wmcglynn@cityofmadison.com
 - Matt Lunde, Construction Inspector, 608-266-4088, mlunde@cityofmadison.com

- Forestry
 - General Office, 608-266-4816
 - Jeff Heinecke, Forestry Specialist, 608-266-4890, jheinecke@cityofmadison.com

- Project Website: cityofmadison.com/engineering/projects/sidewalk-replacement-program
- Sign-up for project email updates on the website
- Updates on closures & work progress will be posted to the project website

- Facebook – City of Madison Engineering
- Twitter – @MadisonEngr
- Engineering Podcast: Everyday Engineering on iTunes, GooglePlay



Questions/Comments

