



# Sidewalk Replacement Program Aldermanic District 5

Public Information Meeting  
City of Madison Engineering Division  
April 13, 2022

*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 meeting interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this 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" watermark is visible in the top right corner of the spreadsheet. In the bottom left corner, there is a "Join Audio" button with a headset icon. In the center, a blue button says "Join Audio by Computer" with a red arrow pointing to it. In the bottom right corner, there is a "Leave Webinar" button. The bottom toolbar also includes icons for "Q&A", "Chat", and "Raise Hand".



Make sure to join audio



# 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. Below this is a shared Excel spreadsheet with a ribbon menu and a grid of data. A "City of Madison" watermark is visible on the right side of the spreadsheet. In the center, there are two buttons: "Phone Call" and "Computer Audio". Below these is a prominent blue button labeled "Join Audio by Computer". At the bottom of the interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", "Raise Hand", and "Leave Webinar". A red arrow points to the "Raise Hand" icon.

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



# How to Participate

The screenshot displays a Zoom meeting in progress. 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. The spreadsheet's active cell is A16, containing the value "32094". The spreadsheet shows a calendar layout for 2019 and 2020, with the name "Sally" in cell A1. 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 prominent blue button in the center reads "Join Audio by Computer". At the bottom of the Zoom interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is located in the bottom right corner.

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



CITY OF MADISON



# 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. Below this is a shared Excel spreadsheet with a ribbon and data. A "City of Madison" watermark is visible on the right. The main area is a dark grid with a blue button labeled "Join Audio by Computer". At the bottom, a toolbar includes "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Q&A" icon. Other elements include "Recording" in the top left, "Phone Call" and "Computer Audio" options in the middle, and "Leave Webinar" in the bottom right.

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



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# 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 for years 2019 and 2020, and a row for months from May to August. The name "Sally" is visible in cell A1. A "City of Madison" watermark is present in the top right of the spreadsheet area. Below the spreadsheet, there are two buttons: "Phone Call" and "Computer Audio". A large 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". On the far right of the toolbar, the text "Leave Webinar" is visible in red. A red arrow points to this text.

To leave the meeting  
click here

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# 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 and Costs
- Payment Options
- Project Schedule
- Contact Information and Resources
- Questions/Comments



# What is the Sidewalk Replacement Program?

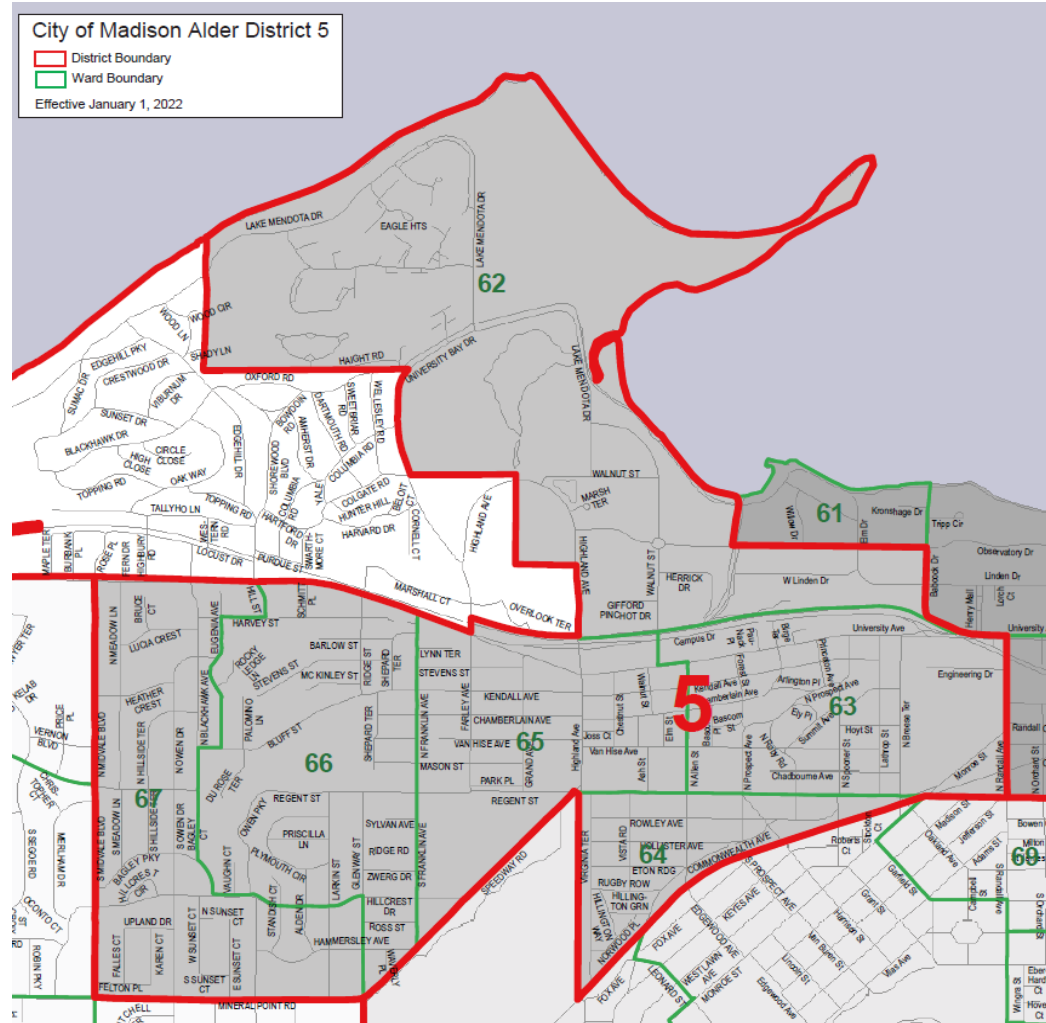
- The Sidewalk Replacement Program was established by the Common Council to provide needed sidewalk maintenance and replacement throughout the City.
- The City of Madison is divided into 20 Aldermanic Districts, with the Sidewalk Replacement Program typically working within two districts each year.
- For 2022, the Sidewalk Replacement Program will be working within District 5.
- District 5 had previously been evaluated and had repairs completed in 2012.



# How Does the Program Work?

- Inspection staff evaluate all sidewalk within the project limits starting in the summer/fall prior to construction year (2021).
- 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 prices determined, affected property owners are notified of estimated assessments.
- Property owners may opt to have a contractor of their choosing complete the repairs, or contractor hired by the City.

# 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 #8633; Southern Wisconsin Construction)

- 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 #8632; 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 prevented 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

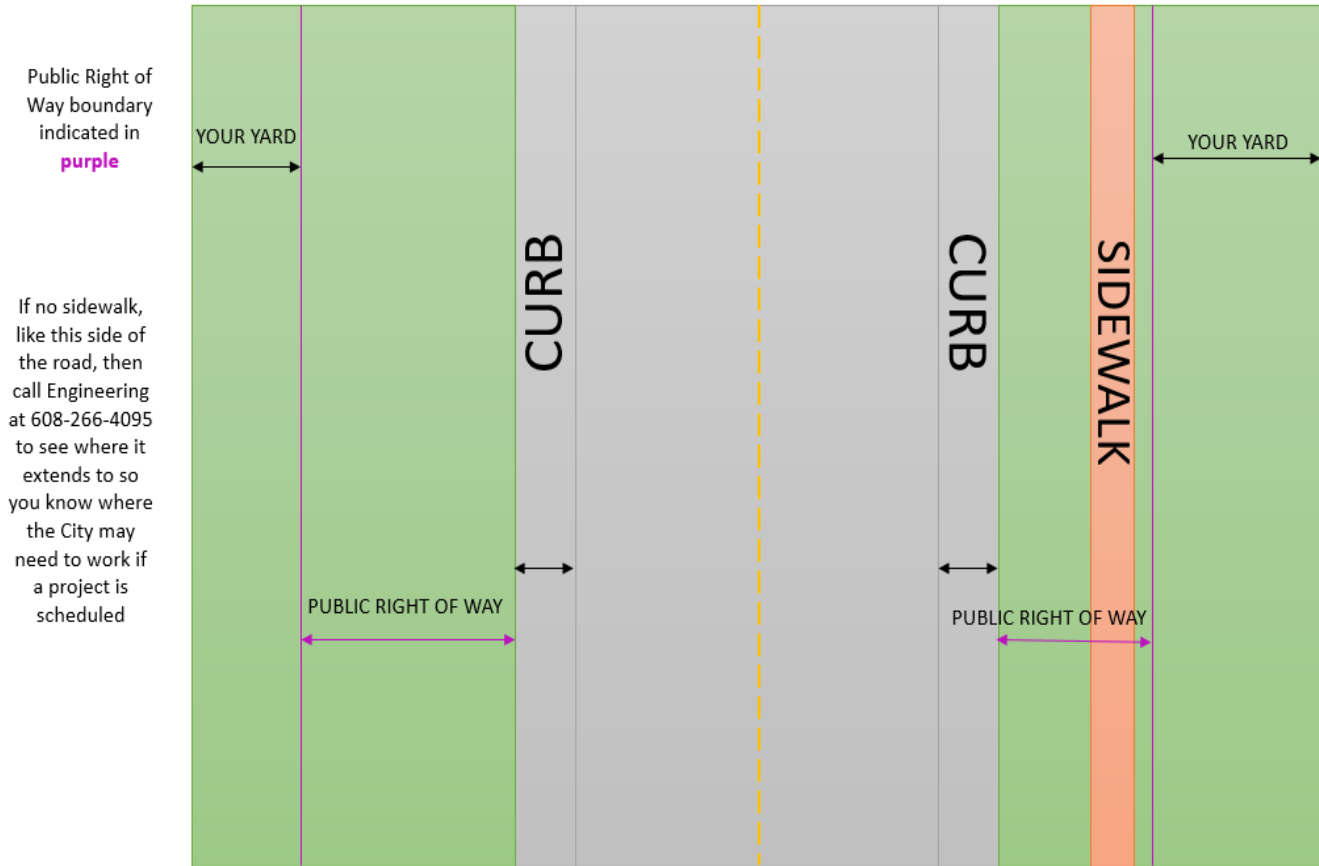
- Sidewalk will be replaced within 3 days after removal.
- Any disturbed terrace/grass areas will be restored with topsoil, seed, and erosion matting.
- Any driveway/asphalt patching will be replaced in kind, typically with approx. 1' wide patch on either side of sidewalk where needed.
- Restoration 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

- Shared cost of replacements between the City and the property owner.
- Mid-block properties, commercial properties, and multi-family units are assessed at 50% of total cost of repair.
- Single family and two-unit residential properties at a corner lot are assessed at 25% of total cost of repair.
- Individual condo unit owners are assessed for portion of repairs, not the condo development as a whole. Assessed at 50% of total cost of repairs/# units in development.
- 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.

# Payment Options

## ➤ Special Assessment Loan Program

- City offers financing for the payment of special assessments to eligible homeowners, through a program with the Dept. of Planning, Community and Economic Development.
- Homeowners must reside at the property.
- Not available for rental properties or commercial properties.
- Residents may be eligible if they have limited household income, limited available assets, and at least 30% equity in property.
- Income limits are based on household size.
- More information can be found at the following link:
- <https://www.cityofmadison.com/dpced/economicdevelopment/special-assessment-loan/1738/>
- Don't qualify, or have additional billing/payment questions? Contact Finance Dept. at 266-4008.



# Project Schedule

- 02/02/2022: Resolution to BPW
- 02/22/2022: Approved by CC
- 03/03/2022: Bid Opening
- 03/29/2022: Bid Awarded by CC
- 03/30/2022: Notice Letters Mailed to Property Owners
- 04/25/2022: Proposed Begin Construction.
- 09/16/2022: End Construction.



# Contact Information & Resources

- Engineering
  - Bill McGlynn, Sidewalk Program Supervisor, 608-266-4537, [wmcglynn@cityofmadison.com](mailto:wmcglynn@cityofmadison.com)
  - Jason Ledden, Construction Inspector, 608-264-7340, [jledden@cityofmadison.com](mailto:jledden@cityofmadison.com)
  
- Forestry
  - General Office, 608-266-4816
  - Brad Hofmann, Forestry Specialist, 608-267-4908, [bhofmann@cityofmadison.com](mailto:bhofmann@cityofmadison.com)
  
- Project Website: [cityofmadison.com/engineering/projects/sidewalk-replacement-program](http://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

