

City of Madison Resurfacing Program



City Engineering Division Resurfacing Program

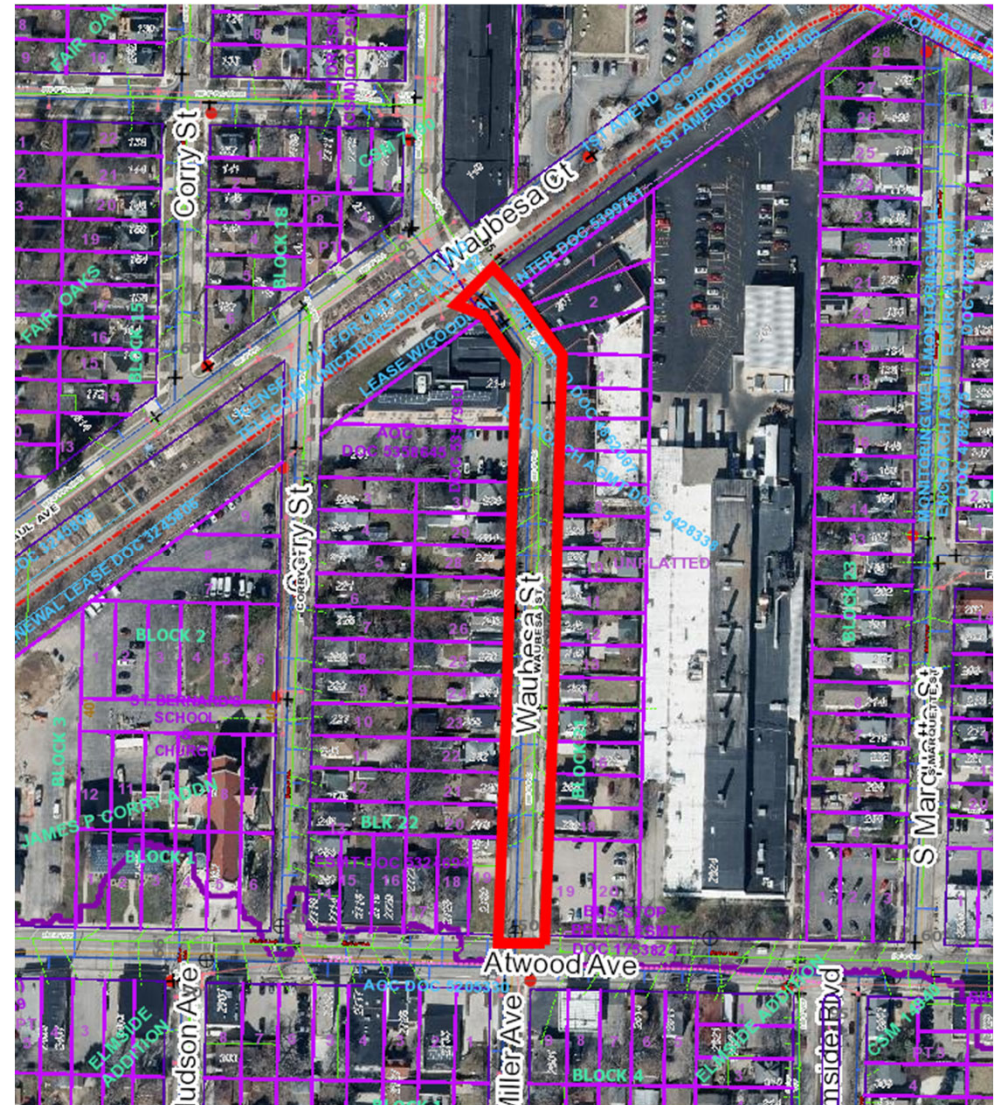
- Resurfacing program includes:
 - Large Mill & Overlays (usually arterials/busier Streets) – None planned for this year.
 - Smaller Mill & Overlays/PBG(patch by grind) – small utility patches (water, sanitary, storm) and short sections of bad pavement
 - Pulverizing/Regrading/Paving (usually collectors & local streets) – Only 2 Roads this year.
 - Crack filling
 - Chip sealing/Seal coating
 - Why do we have a resurfacing program? To improve the quality and drainage of the street and to delay the need for a total reconstruction

Resurfacing Process & Selection

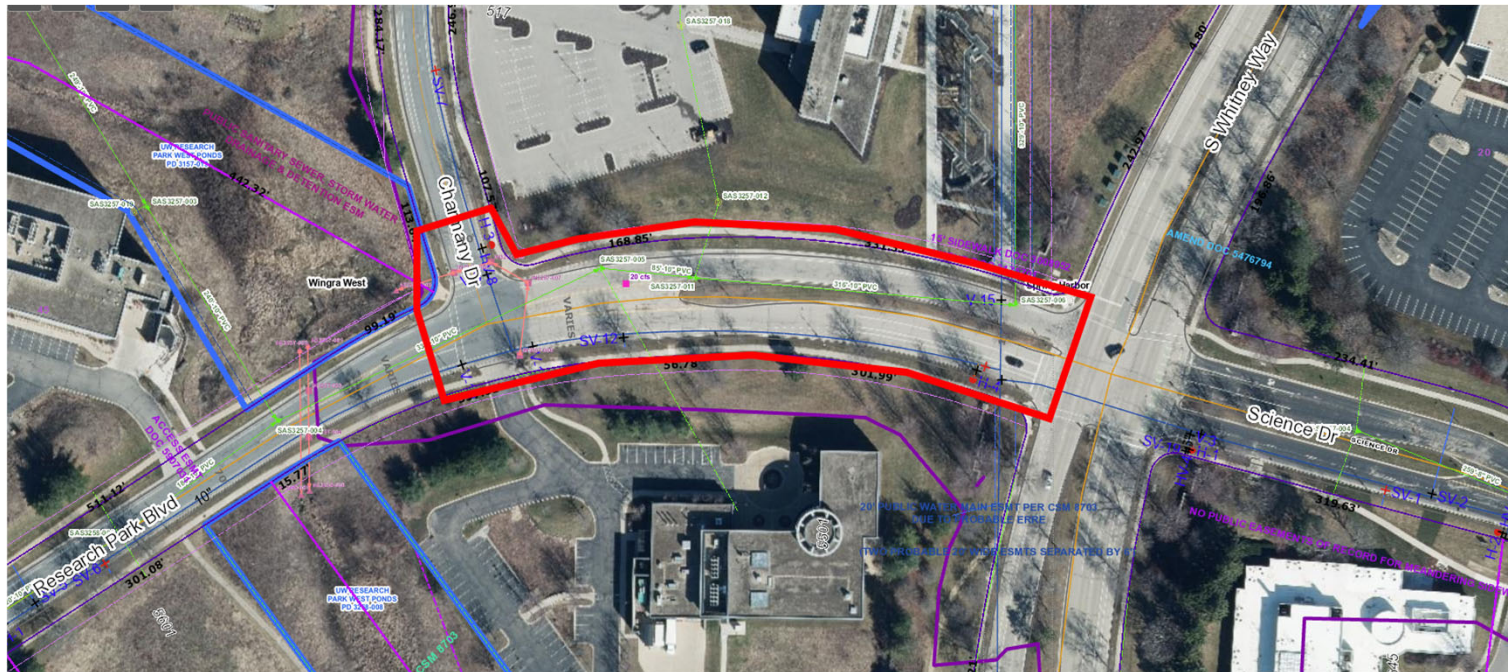
- Selection - Looking for streets with decent curb and gutter but poor pavement.
- Replace deficient C&G sections (Spot replacement to improve drainage not total reconstruct)
- Adding/Improving storm sewer and drainage in areas we can (no storm sewer this year)
- Milling or Pulverizing
- Road stabilization, removing soft spots (PBG or undercutting)
- Regrading/Reshaping to improve drainage (increase road cross slope)
- Adjusting castings and structures, replacing any broken ones
- Placing new asphalt pavement (sometimes multiple layers)
- Terraces are restored where damaged (topsoil, seed & matting)
- New signing/Pavement markings are placed if needed

Waubesa St (Atwood Ave to Captal City Bike Trail)

- Spot replace Curb & Gutter, only a couple of spots
- Pulverizing and Reshaping
- Road proof rolling, undercutting/adding breaker if needed
- Adjusting castings, structures, and valves
- Paving 2 Lifts 4.5” total (Binder/lower layer 2.5”, Surface layer 2”)
- Any terrace restoration needed
- Final Pavement Markings/Signing



Research Park Blvd (Charmany Dr to S Whitney Way)



- Spot replace Curb & Gutter, only a couple of spots
- Pulverizing and Reshaping
- Road proof rolling, undercutting/adding breaker if needed
- Adjusting castings, structures, and valves
- Paving 2 Lifts 5.5” total (Binder/lower layer 3.5”, Surface layer 2”)
- Any terrace restoration needed
- Final Pavement Markings/Signing

Curb & Gutter

- What is the purpose of curb & gutter?
 - Drainage
 - Define parking
 - Keep terrace intact
- What problems are we looking for to replace curb & gutter?
 - Vertical Offset
 - Horizontal Offset
 - Water Ponding
 - Curb Head Missing
 - Tipped Curb



Hand Placed (Top)

Machine Placed (Bottom)



Pavement Pulverizing



- Asphalt and gravel base are pulverized and blended together
- New base is regraded, compacted, test rolled to find any soft areas
- If any soft areas are determined, these are fixed with undercutting
- New base is finish graded and rolled to new grade for paving

Undercutting



- Soft areas are marked out to be undercut after test rolling the road
- Undercut areas are dug out, replaced with new rock, and compacted

Utility Casting Adjustments



Adjusting manhole castings prior to paving



Adjusting water valve boxes to final grade

Asphalt Paving



- If pulverized, asphalt layed on final graded material
- If milled, final sweeping and tack coat applied to binder/lower asphalt layer
- Paving final lift of asphalt last



Terrace Restoration



- Can be done before or after paving
- Topsoil
- Seeding
- E-mat
- Water these areas if you remember and can!



Pavement Markings & Signs



- Usually done within a couple days of final paving
- Any other cleanup and removal of equipment from site



Project Assessments

- City of Madison does have an assessment policy in place for resurfacing and reconstruction street and utility improvements
- What are you being assessed for on the 2026 Resurfacing Program?
 - Any driveway apron IF it's being replaced, this is a cost share with the property owner and the city (50/50 split) for driveway aprons
 - Resurfacing of the street improvement (Pavement portion)
 - Assessment is based on lineal foot of frontage owned on the street project (10' of pavement resurfacing, \$11.98/LF)
 - Prices are set by a weighted average based on the previous 3 years of construction costs
- When is the Assessment due?
 - Once the project is over and finalized (fall 2026 or spring 2027), property owners will have the option to pay assessment in full the year invoiced or pay installments over an eight year period with interest (Interest rate for assessments in 2026 is 4.5%)

2026 Resurfacing Program

- How to get more information?
 - Resurfacing website
 - Google “City of Madison Resurfacing”
 - <https://www.cityofmadison.com/engineering/projects/resurfacing-program>
 - Assessments for each property are posted on the resurfacing website
 - everyone will also get a mailing early next week with all the information
 - Schedule and updates will be posted on the website once known
 - How to get email updates/notifications
 - Bottom left side on resurfacing website, subscribe to the Street Resurfacing Updates email list by providing your email
 - You will get a notification email every time the website is updated
- Public information meeting: Tonight
 - This presentation will be posted on the resurfacing website
- Next Steps – Taking this resurfacing contract to the Board of Public Works(BPW) for approval on April 8th, 2026
- There will be public hearings at the BPW and Common Council meetings on assessments.
 - Property owners and tenants will get mailing notifications of dates and times, these will also be posted on the resurfacing website
 - Anyone can register and speak for or against these projects at that time.
- Questions?
- Contact info – Shawn Beer (608) 267-1970, email – sbeer@cityofmadison.com