



Department of Public Works
Engineering Division

PROJECT CONTACTS

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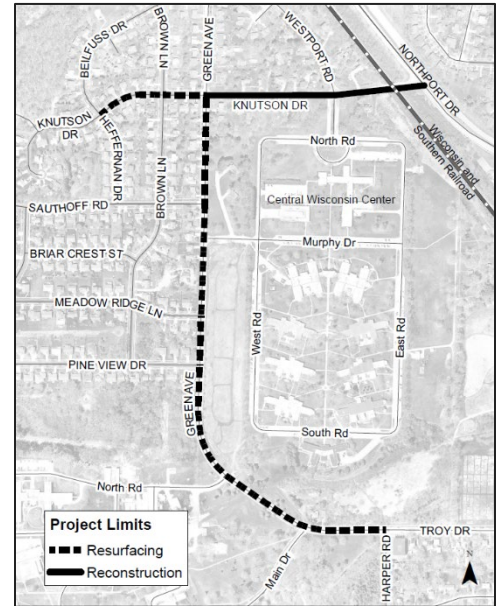
**Fact and Details Sheet:
PROPOSED GREEN AVENUE RESURFACING & KNUTSON DRIVE
RECONSTRUCTION**

Project Details – Proposed Work

Sanitary Sewer: The City will not replace the sanitary sewer and laterals along Green Avenue and Knutson Drive. The existing main was installed in the 1980s. The existing manholes will be adjusted to match the new elevations of the street.

Water Main: The City will not replace the water main and services along Green Avenue and Knutson Drive. The existing main was installed in the 1960s. The City will replace the water main attached to the underside of the Knutson Drive bridge. The existing valves will be adjusted to match the new elevations of the street. The existing hydrants along Knutson Drive (Green Avenue to Northport Drive) will be adjusted to accommodate the new street.

Storm Sewer: The City will install storm sewer along Knutson Drive from Heffernan Drive to approximately 250 feet east of Green Avenue for controlling and collecting surface water runoff along the street. The City will also install a Bioretention area in the terrace on Knutson Drive east of Green Avenue to treat stormwater before it enters the storm sewer. The bioretention area is required by the Wisconsin Department of Natural Resources for rural (no curb, but with defined ditches) to urban (w/curb) street changes. The area will be maintained by the City and will capture sediment and pollutants coming from the street.



Rain Gardens: Property owners may be eligible for a terrace rain garden installation as part of this street project if the site meets certain criteria. The terrace must have a minimum area of 10 ft. X 15 ft. in a relatively flat, open space away from trees and utilities. Rain gardens are partially assessable up to \$100. Rain garden maintenance would be the homeowner’s responsibility if installed. If you are interested, please contact Phil Gaebler of City Engineering at (608) 266-4059, PGaebler@cityofmadison.com. More information on the terrace rain garden program is available at www.cityofmadison.com/engineering/stormwater/raingardens/terraceraingardens.cfm

Street – Reconstruction Project: The City is planning to reconstruct Knutson Drive (Green Avenue to Northport Drive). The work includes a new street design with curb and gutter, sidewalk, and driveway aprons. The asphalt pavement and gravel base will be replaced (10 ft. pavement and driveway aprons are assessable).

The geometric options below were presented to the public and the Transportation Commission and option 1A was preferred. The feedback after the public meeting was to reduce the lane width to 10 ft. and remove the parking pocket on the north side of the street. The design team will present the options to the Board of Public Works and inform the Board of the preferred option by the residents and the Transportation Commission. City Engineering will recommend option 1A be the preferred choice for the proposed geometrics, with the reduced lane width and parking changes.

Option 1A proposes a width from Green Avenue to Northport Drive of 21 ft. (11 ft. on the eastbound and 10 ft. on the westbound) from face of curb to face of curb with two parking pockets. The 11-foot eastbound lane was not reduced to 10 ft. to accommodate the future Bus Rapid Transit route. The first parking pocket is west of Westport Road on the south side of the street accommodating about 4 spaces. The second parking pocket is east of Westport Road on the south of the street accommodating about 5 spaces. This is the recommended design option.

Option 1B proposes a width from Green Avenue to Westport Drive of 21 ft. (11 ft. on the eastbound and 10 ft. on the westbound) (same as option 1A) and a width for Westport Drive to Northport Drive of 36 ft. (2-11 ft. vehicle lanes and 2-7ft. bicycle lanes) from face of curb to face of curb. Similar as option 1A, there will be a parking pocket west of Westport Road on the south side of the street accommodating 4 spaces.

Option 2A proposes a width from Green Avenue to Northport Drive of 38 ft. (2-11 ft. vehicles lanes and 2-8 ft. parking lanes) from face of curb to face of curb with parking on both sides of the street.

Option 2B proposes a width for Green Avenue to Westport Drive of 38 ft. (2-11 ft. vehicles lanes and 2-8 ft. parking lanes) and a width for Westport Drive to Northport Drive of 36 ft. (2-11 ft. vehicle lanes and 2-7 ft. bicycle lanes) from face of curb to face of curb with parking on both sides of the street located west of Westport Road.

Street – Resurfacing Project: The City is planning to resurface Knutson Drive (Heffernan Drive/Beilfuss Drive to Green Avenue). The work includes removing and replacing a portion of asphalt pavement depth across the entire street (*10 ft. pavement assessable*) and portions of the curb and gutter. The street width and sidewalk will remain as existing.

The City is planning to also resurface Green Avenue (Harper Road to Knutson Drive). The work includes partially removing and replacing 2-inches of asphalt pavement (*10 ft. pavement assessable*). The street width, curb and gutter, and sidewalk will remain as existing.

Bridge: The City will replace the concrete slabs approaching the bridge, paint the steel girders underneath the bridge, and widen the sidewalk from 4 ft. to 7 ft.

Driveway Aprons – Reconstruction Project: Driveway aprons reconstructed with the project will be replaced with concrete between the curb and gutter and sidewalk. Driveway widths will be replaced per the City of Madison standard detail (*driveway aprons assessable*). Any driveway removal behind the proposed sidewalk will be replaced with concrete or asphalt depending on the existing material.

Driveway Aprons – Resurfacing Project: There may be driveway apron replacements on Knutson Drive (Heffernan Drive to Green Avenue) if the construction of the storm sewer impacts an adjacent apron. Any aprons replaced will match existing. There will be no driveway apron work on Green Avenue.

Metro Transit Operations: The existing bus route (Route B) is northbound on Green Avenue, right on Murphy Drive into the Central Wisconsin Center and exiting on Marion Boulevard, then a right onto Knutson Drive and a right on Northport Drive. After the project is complete, Route B is planned to be modified to remain northbound on Green Avenue, right on Knutson Drive, and a right on Northport Drive, no longer going into the Central Wisconsin Center.

Metro Transit Facilities: A new concrete bus boarding and shelter pad will be installed in the terrace (area between curb and sidewalk) along 317 Knutson Drive to make this new bus stop accessible to people with disabilities. The terrace will be graded for a potential bus boarding and shelter pad along 306 Knutson Drive; however, concrete will not be installed with this project. That area would remain grass until Metro Transit determines an operational need for the concrete pad in the future. The bus stop and concrete bus pad in the southwest corner of the Knutson Drive/Northport Drive intersection will be removed, and the two bus stops on the Central Wisconsin Center campus will be eliminated.

Streetlights: Street lighting on existing MG&E wood poles will remain.

Assessments: The project will have special assessments for the street construction. The assessments are a special charge for work being done that has a direct benefit to the property. The preliminary assessments are mailed during the design phase and will give the property owner an estimated cost due after construction is complete. The final assessment bill will be mailed in 2025 to adjacent property owners. The bill is calculated based on measured quantities for driveway aprons removed and replaced during construction. The unit prices for driveway aprons and pavement are based on 2024 street improvement rates and will carry over from the preliminary assessment. The private storm sewer connections will also be billed based on bid prices and measured quantities during construction. The property payment options include payment by lump sum or over 8 years with 5 percent interest.

Trees: Terrace trees may be pruned prior to construction to provide required clearance for construction equipment. Efforts are being made in the street design to save as many of the existing trees as possible. For example, keeping the street narrow, matching the existing elevations of the street, and setting up tree protection to keep construction equipment away from the

Item	Property Owner Share	City Share
10' Pavement Replacement*	100%	0%
10' Pavement Resurfacing*	100%	0%
Driveway Apron Replacement	50%	50%
New/Replacement Sidewalk	0%	100%
New/Replacement Curb & Gutter	0%	100%
Intersection Curb & Pavement	0%	100%
Storm Sewer Main	0%	100%
Private Storm Connections (if any)	100%	0%
*Pavement assessed per linear ft. of frontage		

root zone. There are 3 trees ((209 Knutson Drive 1-Hackberry), (213 Knutson Drive 1-Norway Maple), (221 Knutson Drive 1-Norway Maple)) at a high risk of removal during construction because of potential conflicts with constructability of the new street infrastructure. If, during construction, it is determined that any additional trees must be removed, adjacent property owners will be notified, prior to removal of the tree. The trees within the project limits that remain may have the roots trimmed during construction.

Real Estate: The City Real Estate team will be reaching out to some property owners within the reconstruction portion to acquire a Temporary Limited Easement (TLE) along their property. A TLE is a temporary construction easement that will allow the City contractor to work on private property. The TLE will allow the contractor space to construct the sidewalk which will be permanently located within the right-of-way. The TLE is temporary and will be vacated after the project is complete.

Project Website: Please visit the project website for the latest information and to fill-out a second questionnaire. Sign-up for project email updates on the website. www.cityofmadison.com/engineering/projects/knutson-drive-reconstruction

Construction Schedule & Impacts

Tentative Schedule: This project is scheduled to be bid in spring of 2024, and construction is expected to begin around August of 2024. Due to the amount of work necessary, the contractor will have the option to complete the project by November of 2024 or late spring of 2025, depending on the availability of crews. Construction is expected to take around 4-7 months depending on what the contractor decides. If work is split between 2024 & 2025, the Contractor will need to complete a portion of the work and restore the area to be suitable for winter maintenance by the end of the 2024 construction season. More information will be provided once the project design is complete.

Traffic Impacts: Knutson Drive and Green Avenue will be closed to through traffic within the project limits but will be open to local traffic (residents). Per City's standard specs, residential driveways may be closed for a cumulative of 20 days during the project when driveways aprons, curb & gutter, and sidewalks are being installed. No parking is allowed within the construction zone during working hours (7AM to 7PM), so when your driveway is not accessible, you will need to park on the adjacent streets, Westport Road, Green Avenue (north of Knutson Drive), Brown Lane, Heffernan Drive, and Beilfuss Drive. The contractor will notify impacted residents prior to the driveway access being closed for an extended period, but there will likely be several short-duration closures during utility work and asphalt paving that may not have much advance notice. During these disruptions, the Contractor will work with residents to provide access as quickly as possible. Contact the project manager if you have accessibility concerns and need to request special accommodations.

Water Shut-offs: There are no planned water shut-offs. While unlikely, emergency shut offs are possible if the existing main is damaged during construction. Affected properties are notified as soon as possible.

Refuse Collection & Mail Delivery: It will be the contractor's responsibility to allow for refuse collection to continue during construction. Please mark your address on your cart to make sure it is returned if moved. We ask that you place your carts at the street the evening prior to or at the very latest 6:00 a.m. the morning of your scheduled refuse/recycling day. While the streets are closed for construction, mail delivery within the construction zone may not be possible. If necessary, temporary mailboxes will be set up outside the construction zone and coordinated with USPS for delivery. The location of any temporary mailboxes will be provided prior to construction.

Landscaping – Reconstruction Project: Existing landscaping plantings within the right-of-way will be impacted. If you wish to save any landscaping, it should be removed prior to the start of work in 2024. Stone or brick pavers within the terrace you wish to save should be removed prior to construction & reinstalled by you after construction is complete. All shrubs will be removed.

Landscaping – Resurfacing Project: Existing landscaping plantings within the terrace (area between curb & sidewalk) may be impacted along the resurfacing portion of Knutson Drive for the installation of the storm sewer. Existing landscaping plantings within the terrace (area between curb & sidewalk) or right-of-way will not be impacted along the resurfacing portion of Green Avenue.

Supplemental Forestry Information

Tree pruning in advance of the project is required to reduce the risk of damage to the trees during construction. The City of Madison Forestry Section will perform the necessary work. For certain species, especially oak and elm trees, the pruning must be completed by June 1st to reduce the chance of disease. If additional trees need to be removed, City Engineering will notify the adjacent property owner prior to removal.

Street trees provide many benefits to our city and are considered an important part of the city's infrastructure. Forestry Section staff will evaluate the terrace for new planting sites and potential replacement sites when the project is complete. There is no additional cost to the adjacent property owner for a tree planting. Street trees are typically planted in the spring of the year following the completion of the construction project. Per Madison General Ordinance 10.10, City Forestry determines tree species and planting locations. Residents cannot choose or plant their own tree in the terrace.

For any questions regarding street tree maintenance or planting, please contact the general forestry line at 266-4816.