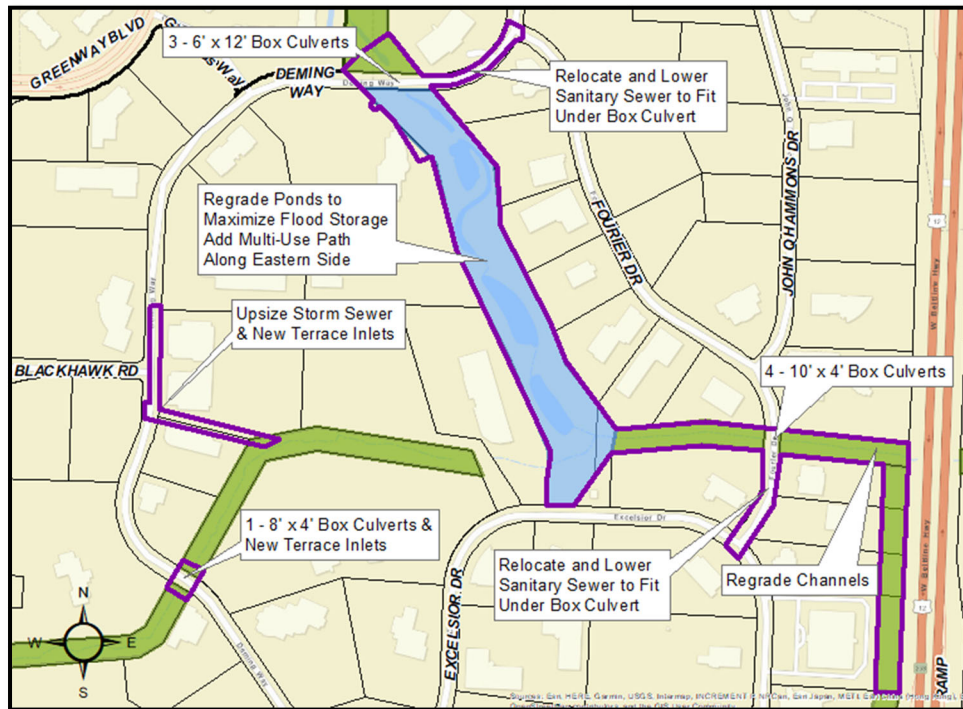




Department of Public Works  
Engineering Division

## Fact and Details Sheet: Pheasant Branch Greenway Enhancement Flood Mitigation Project

### Project Location



### PROJECT CONTACTS

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### Project Details – Proposed Work

**Purpose and Scope:** The City of Madison will begin work to reconstruct the ponds and greenways in the Old Sauk Trails Business Park in order to mitigate future flooding with the funding assistance of a FEMA Building Resilient Infrastructure and Communities (BRIC) grant to construct the project. The project will include the deepening of the existing channels, grading the existing pond area to maximize the flood storage, upsizing the culvert pipes under Deming Way near Fourier, Deming Way south of Blackhawk, Fourier Drive, completing additional storm sewer improvements, and creating a multi-use path on the east side of the pond from Excelsior to Deming Way with a spur to Fourier Drive. See project location map above.

**Pond:** The pond, as shown in blue on the map, will be converted from a series of small ponds into one large pond to store more floodwater in large events, and prevent flooding of adjacent properties. The existing walking trails will be removed, and a lit multi-use path will stretch from Excelsior Dr to Deming Way on the eastern side of the pond with a bridge going over the greenway channel. Prior to this project, the City contracted with an ecological firm to relocate herptiles (frogs and turtles) from the ponds and greenways to avoid impacts during the construction.

**Greenway:** The sections of greenway around Fourier Drive and along the back of the properties along Fourier Drive will be deepened and widened for them to efficiently pass more stormwater without flooding adjacent properties. A connection to the multi-use path will be added from the pond to Fourier Drive along the east-west greenway on the north side of the channel.

**Streets:** Three different sections of Deming Way will be reconstructed in order to install larger storm sewers and culverts beneath the street. Additionally, there will be work on Fourier Drive between Excelsior and John Q Hammons Dr in order to increase the size of the culverts beneath the road and lower the sanitary sewer. See map for details.

**Trees:** As was discussed in the public meetings, trees will be removed for the grading necessary to reach the flood mitigation targets. Trees that will be removed will be marked in the field with paint. Trees to remain may be pruned for construction access and will be protected with construction fencing. Certified arborists from Tree Health Management will oversee the tree removal and grading work around existing trees that are to remain and may cut the roots of trees to remain.

**Restoration:** As part of this project, an ecological firm will re-establish a diverse ecological community with native seed, as well as plant plugs, shrubs and trees per the restoration plan that was shared at the public meetings. There are approximately 202 native trees that will be replanted, and 369 native shrubs. The ecological firm will maintain the pond and greenways through the 2026 growing season. The restored area will have greater plant diversity to enrich overall biodiversity and habitat offerings.

## Construction Schedule and Impacts

**Tentative Schedule:** December 16, 2024 – March 15, 2026, for the primary construction activities.

Work will begin with tree removals and greenway and pond grading this winter, with culvert work occurring next spring and summer. Replanting may extend into summer of 2026, and restoration maintenance will continue throughout the 2026 growing season. Allowed work hours are 7am to 7pm Mon-Sat and 10am to 7pm Sun. It is expected that the contractor will start work promptly at 7AM.

**Traffic Impacts:** Local access to businesses will be maintained throughout the project. As different street areas are constructed, they will be closed with detour signs marked.

**Private Utilities:** Gas, electric and other telecom utilities need to be lowered or relocated with the project. There may be brief impacts to service, and those impacted will be notified in advance. A variety of private utility relocation work will be ongoing throughout the project area.

**Water Impacts:** There will be planned water service outages (~6 hrs.) for some buildings within the project limits during water main adjustment work. All planned service disruptions will have 2 days advance notice by the Contractor. There is the potential for unplanned water service outages, in which case the Contractor will notify residents and repair damages ASAP. Construction may cause temporary discolored water events, please see link for more information: <https://www.cityofmadison.com/water/water-quality/discolored-water>

**Items within the right-of-way, easements or pond and greenway areas:** Construction activities on this project will likely disturb all areas near the roadway, ponds, and greenways. Additionally, there will be impacts to temporary and permanent easement areas. If there are any special items (pavers, plants, borders, picnic tables, disc golf buckets etc.) within the project area that you wish to save, please remove them prior to construction. Fences encroaching within the right-of-way will be removed with the project.

## Additional Flood Resiliency Information

**Private Property Responsibility to Verify Flood Resilience:** The City will be lowering flood elevations beneath first floor elevations of buildings that flooded in 2018 that are immediately adjacent to the project area. Depending on how building drainage systems are configured, high water within the greenway would still cause basement flooding if sump or drainage systems outlet to an area that floods (see image below for a schematic of a sump system outlet). Please check your building's drainage systems, and plan to make modifications to install backwater valves if needed. If you need information on the modeled depth of flood water where your sump or drainage system outlets, please contact the project manager, Jojo O'Brien.

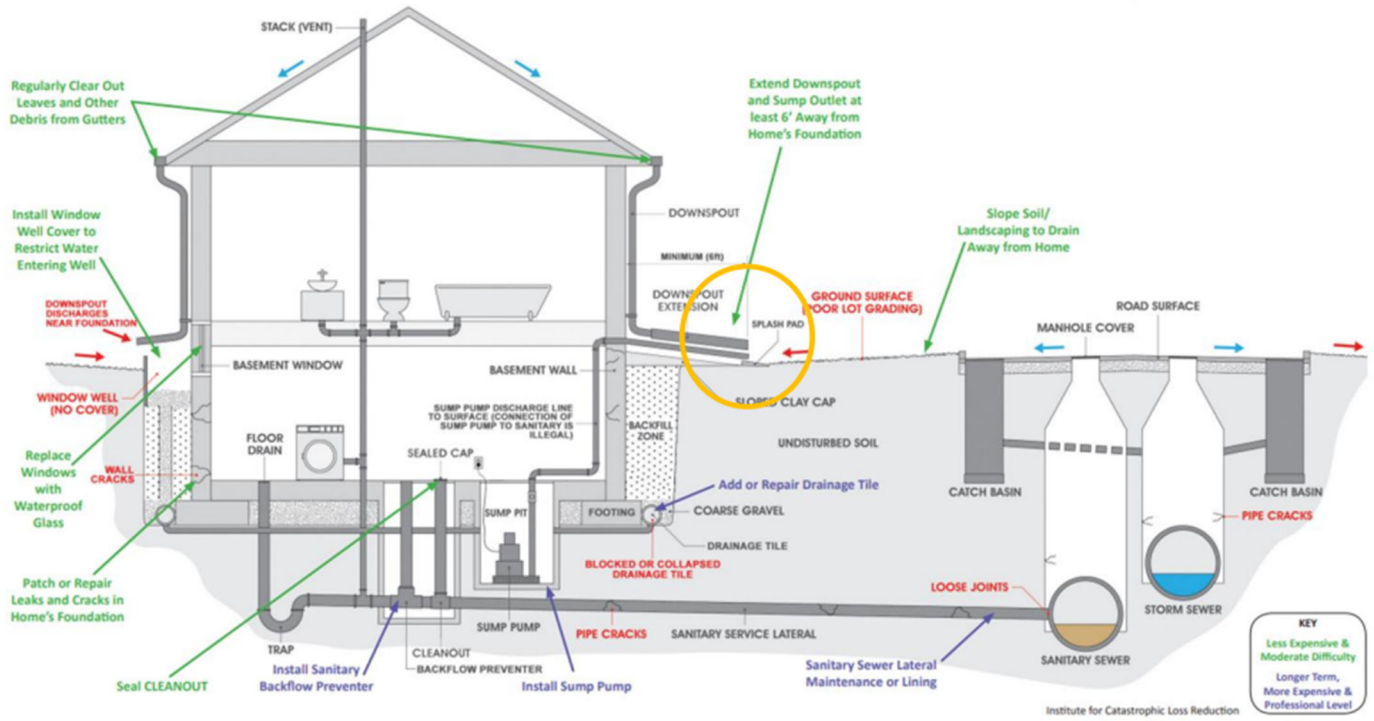
You can find more information at:

- [cityofmadison.com/flooding/resources/prepare-your-home-general-flooding](https://www.cityofmadison.com/flooding/resources/prepare-your-home-general-flooding)
- [cityofmadison.com/flooding/resources/prevent-basement-flooding](https://www.cityofmadison.com/flooding/resources/prevent-basement-flooding)
- [cityofmadison.com/engineering/stormwater/education/sump-pumps](https://www.cityofmadison.com/engineering/stormwater/education/sump-pumps)



# FLOOD PREVENTION TIPS

cityofmadison.com/floodprotection



## Project Website:

<https://www.cityofmadison.com/engineering/projects/pheasant-branch-enhancement>

## Link to Construction Documents:

<https://www.cityofmadison.com/business/pw/contracts/details.cfm?ContractNumber=9439>