



**DUPAGE
COUNTY**

Watershed
Management

Water
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Floodplain
Mapping

Regulatory
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Flood Operations
& Maintenance

Shared
Services

STORMWATER MANAGEMENT

MEMORANDUM

Date: February 8, 2023

To: Stormwater Management Planning Committee

From: Angela Levernier, Sr. Wetland Specialist

Re: Danada Wetland Mitigation Area Final Sign-off

In partnership with the Forest Preserve District of DuPage County, DuPage County Stormwater Management created and restored wetlands and prairie at Danada Forest Preserve (Bid #16-215-DT). The mitigation area is located on the south side of Butterfield Road a half-mile west of Naperville Road. This project has restored 21 acres of wetlands, including 5.45 acres enhancement of existing wetland and 15.57 acres of creation, and 23 acres of prairie. Complete funding for this project has been provided by developers that have received a DuPage County stormwater permit to impact wetlands.

Drainage tiles that were installed many decades ago for agricultural purposes were disabled to provide a source of hydrology to the wetlands. A berm was constructed within the mitigation area to hold additional hydrology flowing into the area. The mitigation wetland has been planted with a variety of wetland plant community types to create diverse habitat for native wildlife. In addition, the wetland will help absorb rainwater in times of flooding and soak up pollution and nutrients to improve water quality. As part of the best management practices, a sediment basin next to Butterfield Road is also part of the construction. This small basin collects and filter stormwater before it enters the wetland complex.

The project has finished its five-year management and monitoring period and has met all the design criteria. The main objective in the management and monitoring phase was to control invasive plant species so the planted and seeded native plants can successfully establish for the long-term. Three prescribed burns were conducted, with the most recent Fall 2021. The Forest Preserve District will now assume long-term management of the project within their larger Danada Forest Preserve complex.



