



LEXINGTON PRESERVE

Blaine, MN

CLIENT:
CSM

REFERENCE:
Randy Rowerdink

SERVICES PROVIDED:

- Wetland Delineation
- WCA Permitting
- Wetland Restoration
- Grading Design
- Hydrologic Modeling
- Seeding and Planting Plan
- Vegetative Management Plan
- Wetland Monitoring

CONSTRUCTION COST:

N/A

Project Description:

Lexington Preserve is a mixed use industrial/commercial site covering approximately 135 acres, of which about 73 acres are developable. Most of the remaining area is comprised of various types of wetland. The project area is part of the much larger Rice Creek Watershed District Anoka County Ditch 53-62 Comprehensive Wetland Management Plan. The goal of the CWMP is to consolidate both developable and environmentally sensitive areas thereby increasing the overall land value on a regional basis.



Roles and Responsibilities:

Alliant Engineering performed secondary wetland delineations on the site to determine the size and extent of the various wetland types and upland areas which were present. Alliant successfully negotiated through the various permitting processes involving the Minnesota Wetland Conservation Act, Rice Creek Watershed District and the U.S. Army Corps of Engineers to allow and mitigate for wetland impacts to the site. Alliant designed a wetland mitigation plan which replaced the functions of the impacted wetlands on site. This was achieved by extensive contouring and recreating the hydrologic regime which was present before any impacts took place. Alliant is now involved with monitoring the site in order to verify its successful recreation.

End Result:

Alliant Engineering was able to create a fully functional 30 acre wetland, which serves to control excessive storm events that pass through the Anoka County ditch system. This wetland has become both a visual and functional benefit to the surrounding development in the area.



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