



GROVE AT SPRING CREEK

Carver, MN

CLIENT:
Rottlund Homes

REFERENCE:
Bruce Pankonin
Former Director of Land
Development

SERVICES PROVIDED:

- Wetland Delineation
- FSA Aerial Photo Review
- WCA Sequencing
- WCA Permitting
- Wetland Restoration
- MnRAM 3.0 Function and Value Assessments
- Wetland Monitoring

CONSTRUCTION COST:

N/A

Project Description:

The Grove at Spring Creek is a 45 acre site located in Carver, MN. One hundred and twenty four single family residences are planned for this development. The site is currently used for agricultural activities with numerous wetlands interspersed through out the site.



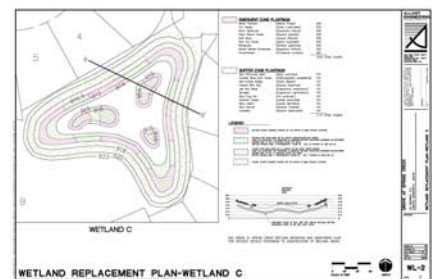
Roles and Responsibilities:

Alliant Engineering has provided a full scope of wetland services for their client, Rottlund Homes. The site had five wetlands which required delineations. Three of the wetlands were converted for agricultural uses and thus required a more detailed historical analysis involving aerial photos and weather data to accurately determine their boundaries. After the wetlands were delineated, Alliant conducted sequencing for unavoidable wetland impacts. When this was complete, two wetland replacement sites were created to become amenities for the subdivisions to be built around them.



End Result:

Alliant Engineering, through creative design, was able to save the contractor approximately 140,000 cubic yards of fill by lowering a degraded wetland and replacing it with a more diverse improved wetland.



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