



## Greenway Cooperative Grain Bin

Claremont, Minnesota

**The Geopier GP3® system was recommended by the geotechnical engineer as an effective alternative to overexcavation due to the close proximity of adjacent structures**

**Description:** This project was the construction of a 75 foot diameter, steel grain storage bin supported on a reinforced concrete stemwall and interior base slab, 3000 psf grain floor load and 4,500 psf ringwall footing pressure.

**Subsurface Conditions:** Soil conditions consisted of existing fill and buried topsoil followed by soft to firm consistency clay glacial till to about 12 feet deep.

**Geopier Solution:** The Intermediate Foundation® solution involved the installation of a grid pattern Rammed Aggregate Pier® elements that extended to depths of 12 feet below the existing grade.



### PROJECT TEAM

**Owner:**

Greenway Cooperative

**Geotechnical Engineer:**

McGhie & Betts, Inc.

**Structural Engineer:**

C & C Engineering

**General Contractor:**

R&S Grain Systems

**Geopier Installer:**

Peterson Contractors, Inc.

**Geopier Designer:**

GFC-Midwest