



## Retention Pond Plymouth, MN

An office complex in Plymouth, MN needed to replace a failing retaining wall while minimizing damage to the existing parking lot and tying into the existing stormwater inlet pipes and outlet structure.

To minimize the impact on existing conditions, the ReCon gravity wall system was chosen. Block durability was also key, given the deicing chemicals used on the parking lot and the freeze thaw conditions found in Minnesota.



**Project:** Retention Pond

**Location:** Plymouth, MN

**Product:** ReCon Le Seuer County Limestone

**ReCon Manufacturer:** Forterra Pipe and Precast

**Wall Area:** 5,000 SF

**Wall Contractor:** Hardscape Construction

**Wall Engineer:** Civil Design Professionals



ReCon's gravity wall system provided the least disruption to existing structures and its wet-cast air-entrained concrete met the durability criteria.

Construction required dewatering the retention pond and then a short installation turnaround to protect the surrounding structures.

Unfortunately Mother Nature did not want to cooperate. It rained 9" over the construction timeframe, requiring several de-watering efforts. The finished wall has a maximum height of 10'8".

For more information on ReCon products and services, please visit [www.reconwalls.com](http://www.reconwalls.com), or call 952-922-0027

