

Central Drain 45 | West Fargo, ND

Perforated Aluminized Steel Type II CSP Detention System and Storm Drain

Owner

City of West Fargo, North Dakota

Contractor

Gladen Construction

Consulting Engineer

Moore Engineering

Application

Stormwater detention and storm drain

Why this product versus others?

Perforated arch allowed for the enclosure of the lined drainage ditch

Project challenges

The previously installed concrete system (installed in 1995) was showing signs of distress. Debris was collecting around the outlet end restricting flow and causing significant back-ups approaching the top of the drain slopes.

Special project elements

The engineers specified corrugated steel pipe because of its adaptability. 10' span half round sections were specified with every other section being perforated to achieve more storage volume during rainfall events.

Additional TrueNorth Steel products used

Neenah storm grates and castings



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