

39th Street Stormwater Management Facility & Sanitary Sewer Extension

Client: City of Altoona
Blair County, PA

Year: 2021 Cost: \$500,000



Gwin, Dobson & Foreman was retained by the City of Altoona Public Works Department to study the City's 39th Street drainage corridor (31 acres) and mitigation methods to address chronic flooding problems. GD&F also examined the extension of the sanitary sewer system for this area.

GD&F designed an innovative L-shaped stormwater detention basin (90,500 cu. ft.) on two vacant lots (1.2 acres) with concrete box intake structure, 24-36 in. storm sewer extensions and emergency spillway. The design also included an 8-in. sanitary sewer (1,400 ft.) for unserved customers on 39th Street.

GD&F performed environmental assessments, grading and stormwater conveyance system designs and hydrologic and hydraulic analysis along with preparation of plans, specifications and permit applications.