

Ivy Pointe Roadway Extension

Union Township, OH



Project Stats

Client:	Clermont County Transportation Improvement District
Location:	Union Township, OH
Year:	2012
Market:	Roadway Infrastructure

Services Provided:

SURVEYING SERVICES

Easement Exhibits & Descriptions
 Legal Descriptions
 Right-of-way Surveys & Drawings
 Topographic Surveys

CIVIL ENGINEERING SERVICES

Grading & Earthwork Analysis
 Hydrologic & Hydraulic Analysis
 Storm Water Collection System
 Waste Water Infrastructure
 Water Supply Infrastructure

TRANSPORTATION ENGINEERING SERVICES

Intersection Design
 Roadway Design
 Signing & Striping Plans

LANDSCAPE ARCHITECTURE & PLANNING SERVICES

Irrigation Plans
 Lighting Plans

Bayer Becker's ability to provide design for existing as well as future conditions was vital for the Ivy Pointe Roadway Extension. The project involved extending Ivy Pointe Boulevard approximately 2,500 feet from a roundabout at Ferguson Drive to Aicholtz Road. The proposed roadway extension consisted of a three lane section with landscaped medians or turn lanes where appropriate, curb and gutter, and storm sewer drainage. Bayer Becker prepared turn lane storage length calculations for the extension and designed the vertical and horizontal alignment of the roadway. Design also included sanitary sewer, a water main, an irrigation system, street lighting and a combined utility trench that houses gas, electric, telephone and cable.

In addition to the extension, the project also included realignment of nearby Omni Drive and the design of a sanitary sewer extension along Aicholtz Road. The expansion of an existing regional retention basin helped alleviate current drainage issues as well as eliminate any issues because of future development in the area. Design for the project had to account for, and maintain access to two existing billboards and a cell tower. Coordination for the project involved Clermont County, the township, adjacent property owners, and another consultant providing services on the adjacent Aicholtz Road connector project.