

Ivy Pointe Blvd Extension

Union Township, OH



Bayer Becker's ability to provide design for existing, as well as future conditions, was vital for the Ivy Pointe Roadway Extension. The project extended 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. The 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 the 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. The design 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.



Project Stats	
Client:	Clermont County Transportation Improvement District
Location:	Union Township, OH
Year:	2015
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