

Project Description

Project Overview

This project is located at the intersection of Stellhorn and Maysville Road in Allen County, IN. The Transportation Design portion of the arterial street intersections surrounding this project included four intersections, a road re-alignment, and planning for two new traffic signals. The improvements to the surrounding streets included: R/W acquisition, drainage improvements, lane additions, curve re-alignment, and new striping.

Complicating the design of these improvements is the bridge over the Bulleman Drain located in the west third of the project on Stellhorn Road. This bridge restricts lane additions on Stellhorn and complicates turning movements into the development and vehicles entering and exiting Stellhorn from Wheelock Road.

Transportation Improvements and Approximate Design Cost

The estimated construction cost of the improvements to the surrounding streets for this project was approximately \$500,000, while the engineering and surveying cost was approximately \$30,000.



Survey and Property Research

A complete topographical survey was completed for the entire project to support the transportation design effort. Additionally, boundary surveys and dedication documents were prepared for the additional R/W that had to be secured to complete this project.

Road Drainage Design

The drainage for the transportation system was integrally included in the design of the storm sewer system on site in the development. This integration resulted in lower release rates and improved storm water quality for the road project.

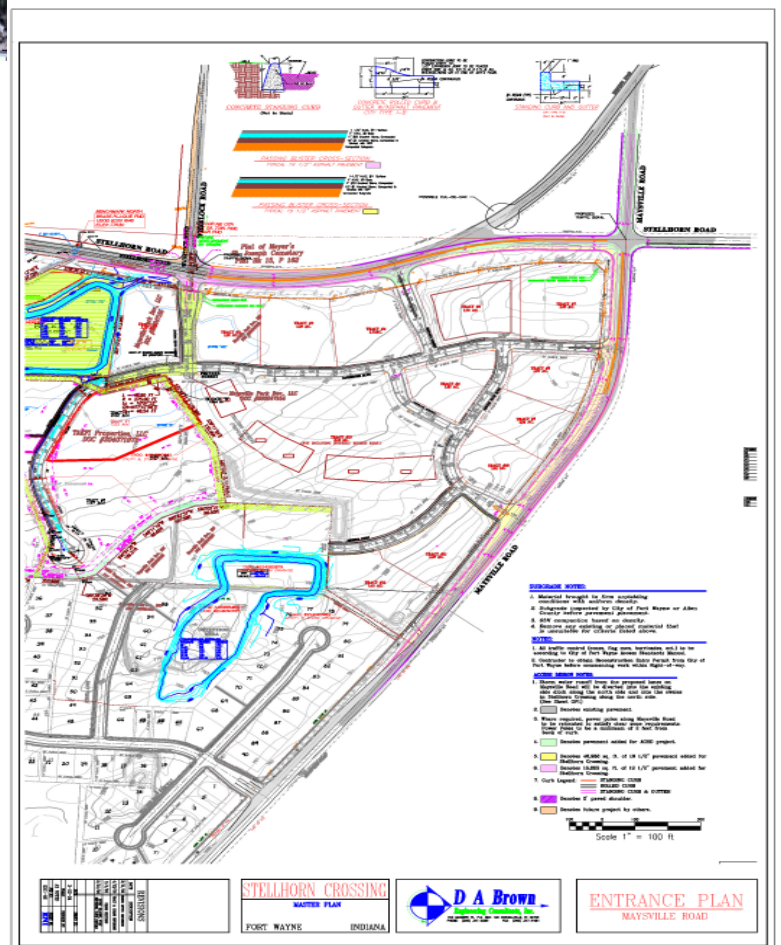
Construction Engineering

All of the construction engineering required for this project's additions to the surrounding streets was provided by DABEC.

Client Reference

Glenn Conkling, Tricon Partners

P O Box 80490
Fort Wayne, IN 46898
260-489-8887 (phone)



Plan View of Overall Pavement Improvements-East Side