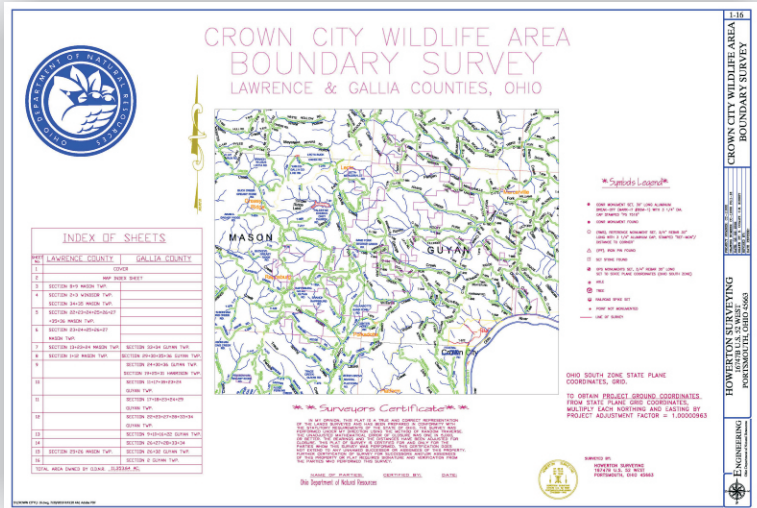


Crown City Wildlife Area Boundary Survey Lawrence & Gallia Counties, Ohio



Project Description:

Approximately 12,000 acres of property for the ODNR was surveyed in Lawrence and Gallia Counties Ohio.

A particularly challenging aspect of this project was piecing together properties with poor deed descriptions, vague out-conveyances, missing or erroneous information and lack of proper monumentation. The deed descriptions were entered into a CADD database and fit together into "blocks". In several instances it was necessary to interview the property owners for assistance in determining the property boundaries. County Engineers Property Maps, highway right-of-way plans, and coal company maps were also used to determine property boundaries.

GPS was used to establish control necessary to tie the property boundaries to the Ohio State Plane (south zone) coordinate system. By establishing state plane based coordinate system, the project survey mapping could be overlaid onto aerial photography.

In addition to boundary and control surveying, flight panels were placed throughout project site to assist in the Aerial photography, which was provided by Man Mapping of Hilliard, Ohio.

Due to the magnitude of the project, the survey plats were split into 15 separate sheets. The finished product included 15 mylar boundary survey plat originals, 15 bond media sheets with boundary and aerial photography and a CD containing the CADD drawing files of the survey plats and aerial photography.

Client/Location

Crown City Wildlife Area
Lawrence & Gallia
Counties, Ohio

Client Reference

ODNR
Division of Engineering
614-265-6948

Project Status

Complete

Dates of Service

Plats - 2001

Special Features

- Boundary Survey
- Deed Mapping
- GPS
- Aerial Photography



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