

Hardee & DeSoto County Horizontal Control Densification

This project was a task order under a continuing contract from the Florida Department of Environmental Protection. The purpose of this survey was to densify the NAD 1983/1999 geodetic framework throughout Hardee and DeSoto Counties to allow private surveyors to determine precise State Plane Coordinates (SPC) of the original cadastral survey corners within the counties.

The project was tied and adjusted to all Published Florida High Accuracy Reference Network points within Hardee and DeSoto Counties and at least four high accuracy points around the perimeter of the counties that increase the strength of the Network; several of the 1st order GPS control points in Polk and Manatee Counties that border this project; and a minimum of 3 Continuous Operating Reference Stations (CORS).

Geodetic positions on a minimum of 20 horizontal control monuments were established by GPS using techniques acceptable to NGS to achieve First Order positions.

Horizontal control points were established near to township corners. Effort was made to place a given control point in a location where it will not be easily destroyed and where it will be easily accessible to the public.

All horizontal control monumentation and references were set in accordance with NGS requirements.

All geodetic horizontal control was adjusted to the Florida High Accuracy Reference Network, NAD 1983/1999

All geodetic horizontal control field data collected by the surveyor for this project was submitted to the NGS for publication per Blue Book Requirements.

