



PROJECT DESCRIPTION

NFPS' role in this County Incentive Grant Program (CIGP) project included providing the design and Construction Engineering Inspection (CEI) of the stabilizing and paving of an existing dirt road, and adding a new roadway between US Hwy 90 and NE 72nd Trace. This also consisted of 24-foot paved roadway surface, grassed shoulders, and roadside ditches. The total length was 2.5 miles of Perimeter Road, a new alignment through the woods in Live Oak, Florida.

This new construction road project will provide an alternate route for traffic from the South side of Live Oak to new retail areas on the North side of the community. This alternate route will alleviate traffic and congestion along Hwy 129, which is the main North/South corridor.

In addition to providing the CEI services, NFPS was asked to provide supplemental design services for a deep subgrade densification to correct a soft area within the roadway. This work required deep excavation around a sanitary sewer line and the placement of a double layer of bi-axial geogrid fabric to strengthen the subgrade soils and the subbase area. A new profile grade was established and base and asphalt surface was constructed. Also, NFPS designed a flashing beacon with over-designed strain poles and cables to accommodate a future traffic signal installation.

TOTAL CONTRACT FUNDING

The total FDOT contract amount for this CIGP funded project including design, construction, and inspection is approximately:

\$3,959,630

PERIMETER ROAD CONSTRUCTION ENGINEERING INSPECTION

PERFORMANCE PERIOD

300 Calendar Days

DAYS 1-30

- MOBILIZATION
- MAINTENANCE OF TRAFFIC
- TEMPORARY SIGNAGE
- CLEARING & GRUBBING

DAYS 31-210

- EXCAVATION
- STABILIZATION OF LIMEROCK BASE
- DITCH & SHOULDER WORK
- SEDIMENT CONTROL
- CULVERT INSTALLATION

DAYS 211-270

- PIPE & CULVERT INSTALLATION
- ASPHALT-PAVING OPERATIONS
- GUARDRAIL INSTALLATION

DAYS 271-300

- FINAL STRIPING
- SIGNS & PAVEMENT MARKINGS
- GRASSING & SODDING

CLIENT REFERENCE

Suwannee County BOCC
13150 80th Terrace
Live Oak FL 32060

Randy Harris
County Administrator
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PROJECT MANAGER

Gregory G Bailey, PE
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SERVICES PROVIDED

- Roadway & Drainage Design
- Environmental Permitting
- Signing and Pavement Marking
- Bid Preparation and Negotiation
- Post Design Services

