



180TH STREET BRIDGE REHABILITATION

TRANSPORTATION ENGINEERING

PROJECT DESCRIPTION

NFPS designed a rehabilitation strategy to brace and shore a structurally deficient bridge in southern Suwannee County, Florida.

The major items of work were designing a temporary conveyance path for the creek flow, erosion and sediment control, construction of a concrete stem wall along each barrel, reinforcing the joints of the plate arch walls, backfilling voids with pressure grouting, and strengthening the existing guardrail across the bridge.

TOTAL CONTRACT FUNDING

The total contract amount for this project including design, construction, and inspection was approximately:

\$1,680,000

PERFORMANCE PERIOD

180 Calendar Days

DAYS 1-60

- MOBILIZATION
- MAINTENANCE OF TRAFFIC
- CLEARING & GRUBBING
- CONCRETE PAVEMENT REMOVAL
- BORROW & REGULAR EXCAVATION

DAYS 61-145

- MILLING EXISTING ASPHALT
- STRUCTURAL CONCRETE
- REINFORCING STEEL
- 6-BARREL PIPE ARCH CULVERT REHABILITATION

DAYS 76-100

- GUARDRAIL INSTALLATION & NESTED W-BEAM RAILING
- RAISED RUMBLE STRIPS
- PERFORMANCE TURF
- SIGNING & PAVEMENT MARKING

CLIENT REFERENCE

Suwannee County BOCC
13150 80th Terrace
Live Oak FL 32060

Debbie Vickers
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PROJECT MANAGER

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SERVICES PROVIDED

- Roadway Design
- Drainage Design
- Building and Negotiation
- Contract Management

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