



NicNevol

Engineering Services



www.nicnevol.com

SR 49 (US 129) – Mill & Resurface

Location: From end of curb & gutter to Hilliard Ave., Gilchrist County, FL
Owner: FDOT District Two
Markets: Transportation (State Highways)
Services: Construction Engineering Inspection (CEI)/QA Support

Project Description

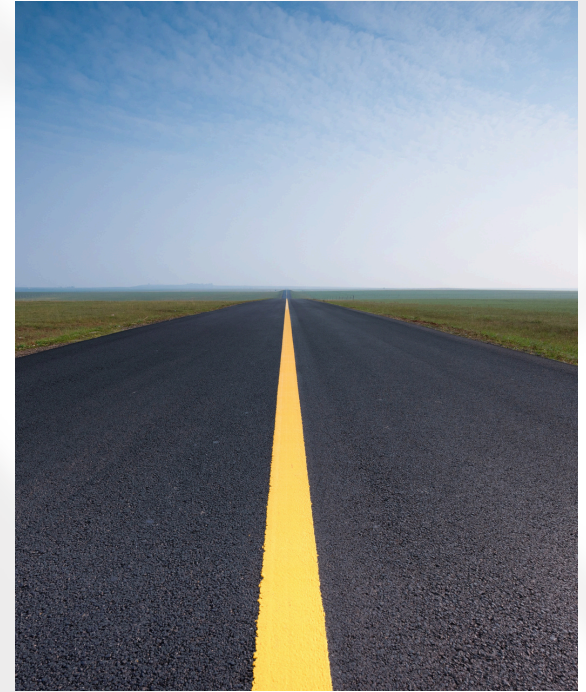
NicNevol partnered with FDOT District Two on the mill and resurface of SR 49 (US 129), a vital north-south corridor serving Gilchrist County. The project spanned from STA 145+02.46 to STA 673+03.24, rehabilitating nearly 10 miles of roadway to improve safety, durability, and ride quality.

The scope of work included milling existing asphalt at depths ranging from ½ in. to 4 in., placement of new asphalt layers consisting of Type SP structural course (≈2.5 in.) and FC-12.5 friction course (≈1.5 in., PG 76-22), shoulder reconstruction, driveway stabilization, and regrading for proper drainage. Temporary maintenance of traffic, upgraded signing, and full pavement marking replacements were implemented, along with erosion and sediment controls such as inlet protection and silt barriers.

Close coordination with the community and nearby schools in Bell and Trenton was essential to minimize disruptions during standardized testing periods. Upon completion, the improved corridor provided smoother rideability, enhanced skid resistance, and long-term performance designed to accommodate projected traffic volumes of up to 9,200 vehicles per day by 2040.

NicNevol Responsibilities

- Reviewing and documenting construction activities.
- Verification material testing and MAC entry.
- Oversight of contractor quality control efforts.
- Reviewing erosion control measures and MOT.
- Assisting in preparation of monthly and final estimates.
- Daily coordination with contractor representatives and inspection staff.
- Responding to RFIs, resolving construction issues, and negotiating extra work/cost with the contractor.



Project Highlights

- Nearly 10 miles of resurfacing on SR 49 (US 129).
- Milling depths: ½ in. – 4 in. with new asphalt overlay.
- Shoulder reconstruction, driveway stabilization, and drainage regrading.
- Full corridor signing & pavement marking refresh.
- Contract duration: 300 days.



Delivering engineering expertise that supports safer, stronger infrastructure.

