

DENNIS

CORPORATION

Andy R. Wessinger 2001 - Present (Career) Special Inspections Manager



Chapin High School, 1996
Midlands Technical College,
1996 - 1998

SCDOT Certified
OSF Certified

Mr. Wessinger's experience includes over eight years in the field inspection and lab testing of soils, concrete, asphalt, stormwater and Chapter 1 and Chapter 17 OSF Inspections. Mr. Wessinger has performed testing and inspections for hundreds of schools and public buildings in South Carolina. Additionally, Mr. Wessinger has performed compaction testing and construction materials testing for developers statewide. Mr. Wessinger's recent work experience includes:

- **Sandy Run Additions and Renovations, Columbia, SC-** Responsibilities included Special inspections (Chapter 1 and Chapter 17) for concrete and steel on all concrete slabs, sidewalks, and footings. Responsible for grout sampling and testing on block fill.
- **AC Flora High School Phase 3, Columbia, SC-** Responsible for all Chapter 1 and 17 Special Inspections as well as managing inspectors throughout project. Responsibilities also include sound engineering decisions in the field related to existing unsuitable soils.
- **Calhoun County New K-8 School, Calhoun, SC-** Responsible for all Chapter 1 and 17 Special Inspections as well as managing inspectors throughout project.
- **South Carolina Department of Mental Health, Tucker Energy Center, Columbia, SC-** Responsible for Chapter 17 Special Inspections as well as all construction materials testing. (Footings, Concrete, Steel, Grout, Bond Beam inspections, etc.)
- **Blythewood Academy, Blythewood , SC** - Responsibilities included Special inspections (Chapter 1 and Chapter 17) for concrete and steel on all concrete slabs, sidewalks, and footings. Responsible for grout sampling and testing on block fill.
- **Chapin Middle School, Chapin, SC** - Responsibilities included inspection and testing of concrete footings and sidewalks, block fill, steel inspections, and excavation of unsuitable soils, fill placement and compaction of suitable material for bus driveways and teachers parking lots.
- **Crayton Middle School, Columbia, SC** - Special inspections for concrete and steel on all concrete slabs, sidewalks, and footings. Responsible for grout sampling and testing on block fill.
- **Lower Richland High School, Columbia, SC** - Responsibilities included soil testing and compaction verification, concrete inspection and testing for school additional wing footings, and penetrometer testing for footings.
- **Riverbottom Elementary School, Irmo, SC** - inspection and field testing of many different soil types for compaction on massive fill areas for building pads.
- **Oak Grove Elementary School, West Columbia, SC** - Project Special inspector ultimately responsible for inspection and testing of grout, mortar, waterproofing, roofing, concrete, and rebar placement.
- **Pelion Middle School, Pelion, SC** - Project inspector providing QA inspections on rebar placement and all concrete slab and deck pours. Responsible for overseeing QC testing personnel as well as their testing methods.
- **South Carolina Churches** - Special inspector and materials testing technician responsible for all footing excavation, steel placement, and concrete placement for slabs, curbs, sidewalks and parking lots on many projects involving schools and churches in South Carolina including Lexington United Methodist, Brookland Baptist, and Columbia Jewish Community Center.

- **Peach Road at I-77, new interstate intersection, Ridgeway, South Carolina** – Project Manager responsible for all aspects of construction including: erosion control, concrete testing, earthwork testing, survey verification, asphalt inspection, traffic control, inspection and bridge foundations. Inspected, monitored and tested during the reclamation process for establishing a soil cement modified sub base and resurfacing with base, binder, and surface type asphalts. Duties also included inspection and testing of three new bridges over creeks and demolition of one old bridge. Also extensive erosion control measures were needed on this project and Mr. Wessinger worked day and night with contractor to provide the best possible protection.
- **US 321 widening, North, South Carolina** – Project Inspector for over 8 miles of widening of US 321 from North to Neeses from existing 2 lane to 4 lane divided highway. Inspection responsibilities included layout and placement of over 30,000 linear feet of reinforced concrete pipe including type 9, 12, and 16 precast concrete boxes. His responsibilities also included quality assurance testing on macadam base course for graded aggregate base course and testing and placement of over 3 miles of concrete curb, gutter and sidewalk.
- **US 17 widening, Mt. Pleasant, SC** – Project Inspector responsible for QA testing and inspection on 3 plus miles of road widening from 4 lane to 6 lane divided highway in the heart of Mt. Pleasant at the Isle of Palms Connector. Job duties mainly included inspection and testing of curb, driveway and sidewalk placement along US 17. Mr. Wessinger was also responsible for layout and inspection of lateral drainage systems in median section. Also, the placement of asphalt base, binder, and surface lifts and permanent roadway markings.
- **Columbia Metropolitan Airport, Columbia, South Carolina** – Project Inspector for construction of the New Loop Road. Responsibilities included quality assurance inspection during new asphalt surface placement. Inspected and ensured all handicap ramps, sidewalks and crossings were all within ADA specifications. Also responsible for quantity measurement and payment for all asphalt painting/stripping and raised pavement markers.
- **US Highway 176, Irmo, South Carolina** – Project Inspector for widening US 176 from 2 lanes to 4 lanes divided highway with an interstate overpass over I-26. His responsibilities included surveying, inspection and testing in all aspects of roadway construction.
- **Lady Street Roadway Improvements, Columbia, South Carolina** – Responsibilities included field sampling and testing asphalt, concrete and soils for South Carolina Surface Type 1 buildup. Inspection and testing of concrete curb and sidewalk placement.
- **5 Points Beautification Project, Harden Street, Columbia, South Carolina** – Responsibilities included inspection of roadways, building pads and utility compaction as well as providing special investigations for visual and physical vibration utilizing Avanguard Visual Crack Monitors and Alpha-Seismite Digital Seismograph.
- **Village at Sandhills, Various construction projects, Columbia, South Carolina** – Responsibilities included special inspection, materials testing and site testing for several contractors.
- **SC Highway 46, Laurens, South Carolina** – Responsibilities included quality assurance for SCDOT-maintained roadway, consisting of material quantities observation and application rate observation.
- **SC Highway 75, Aiken, South Carolina** – Inspector for an overlay of an existing two-lane highway. Responsibilities included field testing and inspections of hot-mix asphalt (HMA), material quantities observation, temperature observation, establishing roller patterns and monitoring asphalt compaction.
- **Interstate 385, Greenville, South Carolina** – Inspector for 3-mile roadway thickness build-up project. Responsibilities included field testing and inspecting hot-mix asphalt (HMA), providing quality control through material quantities and temperature observations, establishing roller patterns and monitoring asphalt compaction.

Construction Engineering and Inspection (CEI) Certification Classes

- ⇒ SCDOT Asphalt Roadway Inspector – Clemson University, Clemson, SC
- ⇒ ACI Concrete Field Testing Technician – Grade I
- ⇒ SCDOT Concrete – University of South Carolina, Columbia, SC
- ⇒ SCDOT Earthwork, Drainage and Base Inspector – Clemson University, Clemson, SC
- ⇒ Nuclear Gauge Operator – Troxler Laboratories, Inc., Clemson, SC
- ⇒ Work Zone Traffic Control Supervisor’s Course, Institute for Transportation Research, Columbia, SC
- ⇒ Flagger Training, ITRE, Columbia, SC
- ⇒ Erosion Prevention & Sediment Control Inspector – CEPSCI, DHEC, Columbia, SC
- ⇒ SCDOT Bridge Foundations and Piles– Clemson University, Clemson, SC
- ⇒ Chapter 1 and Chapter 17, OSF Certified – Columbia, SC