



**Charles Arndt**  
**ITS MANAGER**  
**2003- Present (Career)**

**Education:**

*Irmo High School, 1994*

**Certifications:**

*Nuclear Gauge Operator InstronTek,  
Inc.*

*SCDOT Earthwork, Drainage and Base  
Inspector*

*SCDOT Asphalt Roadway Inspector*

*SCDOT Concrete – Level 1 and 2*

*Erosion Prevention, Sediment Control  
Inspector – CEPSCI / DHEC*

*ACI Concrete Field Testing Technician  
Grade I*

*ETA Certified Fiber Optic Installer  
The Light Brigade*

*IMSA Work Zone Safety Specialist*

*IMSA Traffic Signal Technician – Level  
1*

*IMSA Fiber Optics For Traffic Systems  
Technician – Level 2*

*IMSA Fiber Optics For Traffic Systems  
Technician – Level 1*

*Cadweld Electrical Connections  
Erico Corporation*

*OSHA Construction Safety and Health  
First Aid / CPR - American Heart  
Association*

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As Dennis Corporations ITS Manager, Mr. Charles Arndt has provided inspection services on a number of CEI projects for SCDOT. Mr. Arndt has also been involved in implementing and maintaining a QC program for the maintenance of the SCDOT ITS system. Recent experience includes:

**Myrtle Beach DMS Installation, Myrtle Beach, SC:** Mr. Arndt was the lead inspector on the project that included the installation of five new DMS signs in the Myrtle Beach area. He was responsible for the testing of the concrete for the foundations, and monitoring the assembly of the structure and mounting of the signs. He also monitored the installation of all wire and fiber required to run the signs. He completed daily reports to inform SCDOT of the progress on the project.

**I-20 Alpine Camera Installation, Columbia, SC:** Mr. Arndt was the lead inspector on the project that included the installation of 13 cameras and fiber optic cable on I-20 from MM 76 to MM 83.. He was responsible for the monitoring of the installation of the various ITS elements such as camera poles, cabinets, service boxes, and electrical services and making sure everything was installed per the project specifications. He also monitored the installation of all wire and fiber required for the project. He kept up with installed quantities and completed daily reports required by the SCDOT.

**I-77 Blythewood Camera Installation, Blythewood, SC:** Mr. Arndt was the lead inspector on the project that included the installation of 12 cameras and fiber optic cable on I-77 from MM 16 to MM 27. He was responsible for the monitoring of the installation of the various ITS elements such as camera poles, cabinets, service boxes, and electrical services and making sure everything was installed per the project specifications. He also monitored the installation of all wire and fiber required for the project. He kept up with installed quantities and completed daily reports required by the SCDOT.

**On Call ITS Contract Statewide, SC:** Mr. Arndt provides ITS inspection, integration and maintenance services for an on-call contract with SCDOT ITS Division, throughout the state of South Carolina; consisting of the installation and maintenance of fiber optic back bone cable, closed circuit video systems and dynamic message signs. His duties also include documentation of GPS data and project components on final as built plans.

**ITS Maintenance Fiber Relocation Along Assembly Street, Columbia, SC:** Mr. Arndt was the CEI inspector on the project and was responsible for the inspection of the boring of 2" HDPE conduit and setting hand holes in the sidewalk along Assembly street in Columbia SC.

**I-20, I-77, and I-26 Maintenance Project, Columbia, SC:** Mr. Arndt was the primary CEI inspector on the project and was responsible for the inspection of the removal of ITS devices along I-20 and then the installation of new fiber optic cable and 18 camera sites along I-26 and I-77 in Columbia S.C. His responsibilities on the project included the laying out of the components that make up the camera sites, the daily inspection of traffic control, and keeping up with quantities installed by the contractor.

**Quality Control for SCDOT ITS Maintenance:** Mr. Charles Arndt was the QC Inspector for the ITS maintenance department. He was responsible for inspecting all ITS devices in the state of South Carolina to determine any repairs that needed to be completed. He was also responsible for looking at recent repairs made by maintenance technicians to verify that the repairs were done according to the current ITS specifications.

**Statewide DMS Project, SC:** Mr. Charles Arndt was the primary field CEI inspector on site and was responsible for the inspection during the construction and installation of 6 complete DMS signs, structures, and sites along I-95 and I-26 in the state of South Carolina. He was also responsible for keeping track of quantities installed by the contractor, inspecting traffic control daily, and filling out multiple daily and weekly reports for the SCDOT on the project.

**I-526 ITS Contract, Charleston, SC:** Mr. Charles Arndt was a CEI inspector who was on site during the installation of nine miles of 144 count fiber optic cable from Clements Ferry Rd to Johnnie Dodd's Blvd. in Charleston, SC. This section of fiber allowed for the integration of the remaining portion of I-526 to the Charleston area ITS system. His responsibilities included daily inspection of traffic control, keeping record of quantities installed by the contractor, and completing multiple daily and weekly reports for the SCDOT on the project.

**Statewide DMS project, SC:** Mr. Charles Arndt was the primary field CEI inspector on site and was responsible for the inspection during the construction and installation of 5 complete DMS signs, structures, and sites in several cities around the state of South Carolina. He was also responsible for keeping track of quantities installed by the contractor, inspecting traffic control daily, and filling out multiple daily and weekly reports for the SCDOT on the project.

**I-526 ITS Contract, Charleston, SC:** Mr. Charles Arndt was a CEI inspector on this project and was responsible for daily inspection of the installation of the 144 count fiber optic back bone cable that was installed from the intersection of US 17/ I-526 to the I-26/ I-526 intersection. Other responsibilities included daily inspection of traffic control, keeping record of

quantities installed by contractor, and completing multiple daily and weekly reports for the SCDOT on the project.

**I-85 and I-77 Contract:** This contract consisted of the installation of 30 miles of fiber optic cable on I-85 and I-77. This project tied together the Gaffney and Greenville systems along I-85 and tied in a few signs and cameras along I-77 with 144 count fiber optic backbone cable. Mr. Arndt was an ITS inspector on this project and his duties consisted of being on site daily with the contractor and SCDOT staff as the backbone fiber optic cable was being installed. He was in charge of filling out daily diaries and keeping track of quantities installed by the contractor each day.