

**ITS FLORIDA TECHNICAL COMMITTEE**

**2023 3rd QUARTER MEETING**

**August 2, 2023**

1. Website discussion – itsflorida.org
	1. Membership information, Events Calendar, Job Postings, etc…
2. FDOT Central Office Discussion
	1. TERL Approvals since last meeting



* 1. Specifications/Standard Plans updates

**Spec Changes Submitted (note – not final, please look for them in Industry review):**

* 663 Signal Priority and Preemption Systems, 680 System Control Equipment
	+ Editing warranty language for consistency.
* 682 Video Equipment
	+ Warranty duration reduced from 3 years to 1 year per discussions with the FTBA and TSM&O Engineers
* 603 General Requirements for Traffic Control Signals and Devices
	+ Updating references
	+ Updating definition (change DMS to electrically power signs and remove HAR)
* 608 Manufacturer’s Warranties for Traffic Control Signals and Devices
	+ Change reference from 611-5 to 611-6. 611-5 moved to 611-6 last spec book.
* 611 Acceptance procedures …
	+ Adding ITS Cabinet standalone test plan reference
* 620 Grounding and lightning Protection
	+ SPD warranty duration changed from 10 years to 2 years.
* 630 Conduit
	+ Adding language concerning split duct conduit. “Use Schedule 40 PVC Split Duct Conduit only for temporary repairs or relocation of conduit containing active fiber optic communications for distances less than 100 feet or as approved by the Engineer.”
	+ Method of measurement includes language for payment based on length of each conduit installed.
* 633 communication cable
	+ Updating some fiber cable requirements to reference ITU or Telcordia instead of calling out our own numbers.
	+ Adding CAT6 and composite cables
* 660 Vehicle Detection System
	+ Adding LiDAR as a technology type
	+ Changing warranty direction from 2 years to 1 year per conversations with FTBA and TSM&O Engineers
* 676 Traffic Cabinets
	+ Cleaning up language and adding a reference to a concrete cabinet riser shown in the draft standard plans
	+ Language added about cabinet doors do not pinch or damage interior cables
* 995 Traffic Control Signal and Device Materials
	+ Material requirements for LiDAR detection systems
	+ WWVDS testing language (TERL only)
		- Reducing number of runs from 200 to 100 for wrong way detection.
		- Updating false positive language to state no more than one false positive is allowed per 24 hours.
* 684 Network Devices
	+ Adding “managed hub ethernet switches” to the specs. This device does not have an APL requirement.
	+ Warranty for all network devices reduced to 1 year based on conversations with the FTBA and TSM&O Engineers
* 996 ITS Device Materials
	+ Managed hub Ethernet Switch material requirements added
	+ POE++ added to SPD Minimum requirements table 996-3
	+ Removed listing on Department’s Production Facility listing for pull and splice boxes

Developmental Specs

* Submitted a group of developmental specs for Advanced Transportation Controller (ATC) Cabinets. These are not published yet. The specs include:
	+ Dev676 for Traffic Cabinets
	+ Dev995 for material requirements
	+ Dev650 for low voltage traffic signal assemblies
	+ Dev653 for low voltage pedestrian signals
	+ Dev678 ATC Controller Accessories for ATC Cabinets
	+ Dev700 EDS (Blank Out Signs) for ATC pay item
* In the works – Update to RSU Developmental Spec
* Reminder – Dev spec for Smart Work Zones is published
	1. Connected Vehicle or other Developmental Specifications updates, etc…
1. Upcoming Meetings
	1. The next meeting will be a Teams Meeting to be held in October.
2. Open Discussion

*NOTE: Please remember that this committee is for the benefit of all ITS Florida member organizations, companies, and individuals. These meetings will be held in a manner that provides knowledge and encourages discussion of industry related topics. Solicitation of products is discouraged, as is, any negative comments regarding a company or their product/services.*