

# Consolidation of Products and Specifications (COPS)

*Increasing Efficiency for our Customers and Partners*

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FDOT Construction Conference

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# COPS Team

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- Product Evaluation – Karen Byram
- Construction – Stefanie Maxwell/Rudy Powell
- Specifications – Rudy Powell/Frances Thomas/Debbie Toole
- Estimates – Missy Hollis
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- Structures – Gevin McDaniel
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# Current State - Specifications

- Minimum Specifications for Traffic Control Signals and Devices (MSTCSD)
  - Minimum specifications for the evaluation and approval of traffic control signals and devices and ancillary devices used on the streets and highways of Florida.
  - Primary Audience is Vendors and Manufacturers
- Standard Specifications for Road and Bridge Construction and Supplemental Specifications
  - Minimum specifications for the method or manner of performing work, or the quantities and qualities of materials and labor.
  - Primary Audience is Bidders and Contractors

# Current State - Specifications

- Numbering schemes
  - SSRBC: nnn
  - MSTCSD: Annn
- Different web sites with similar functionality
  - MSTCSD:  
[http://www.dot.state.fl.us/trafficoperations/Traf\\_Sys/terl/apl4.shtm](http://www.dot.state.fl.us/trafficoperations/Traf_Sys/terl/apl4.shtm)
  - Standard & Supplemental Specifications:  
<http://www.dot.state.fl.us/specificationsoffice/Implemented/Default.shtm>

# Current State– Product Approval

- Approved Product List
  - Focuses on traffic control signals and devices; related ancillary equipment used at signalized intersections; Intelligent Transportation System (ITS) devices; and electronic counting and classification equipment.
  - As of March 2012, 994 products from 130 vendors are listed on the APL
- Qualified Products List (QPL)
  - Focuses on non-electronic traffic control devices, bridge and construction materials such as coatings, epoxies, sign sheeting, delineators, poles and structures, and pavement markings
  - As of March 2012, 1,130 products from 268 vendors are listed on the QPL

# Current State– Product Approval

- *Effective Date*
  - QPL: *time of placement* (Section 6-1.3.1.1)
  - APL: *time of procurement* (Section 6-1.3.1.2)
- Different web sites with different functionality
  - APL:  
<http://www3.dot.state.fl.us/trafficcontrolproducts/>
  - QPL:  
<http://www.dot.state.fl.us/SpecificationsOffice/ProductEvaluation/QPL/QPLIndex.shtm>

# Why?

- Continue to comply with State Law
- Continue to meet FDOT mission
- Meet Customer and Partner needs
  - Decrease effort by vendors without impacting safety or increasing risk to FDOT or its Customers
  - Increase efficiency and compliance for vendors and contractors
  - Reduce time and effort for FDOT Districts, consultants, and contractors
  - Maintain or improve quality, accuracy, and usability of products and specifications

# Why? - Continued

- Increase consistency, avoid duplication of effort and decrease time of FDOT reviews
- Encourage innovation and continuous improvement to support the development of better products



# Impacted Documents

- Standard Specifications for Road and Bridge Construction (SSRBC)
- Minimum Specifications for Traffic Control Signals and Devices (MSTCSD)
- Traffic Engineering Manual (TEM)
- Structures Manual
- Basis of Estimates (BOE) Manual
- Design Standards
- Plans Preparation Manual (PPM)
- CADD Production Criteria Handbook (CPCH)
- Construction Project Administration Manual (CPAM)
- Construction Inspection QC Guidelists
- Construction QA Critical Requirements Lists

# Impacted Databases

- APL
- QPL
- Trns\*port
  - Preliminary Estimates System (PES)
  - Construction Estimates System (CES)
  - Letting and Award System (LAS)
  - Site Manager

# Specifications Approach

- MSTCSD is eliminated and consolidated into the Standard Specifications, primarily into the 600's materials subsections
  - Majority of the ITS supplemental specifications (780's) are eliminated and integrated into the 600's
- MSTCSD web content is eliminated and instead references the Standard Specifications web site
- Some specifications that are incidental to many applications will be moved and reformatted into the 500's sections
  - i.e., conduit, 630, 715-9, 783-2 and 992-6 → 554

# Product Approach

- Focus on the Customer perspective – merge the areas that the Customer sees the most:
  - Name of Product List
  - Product List Web Site
- Consider “behind the scene” internal processes and procedures for future phase(s)

# Timeframe

- Specifications Consolidation by 2014
  - Several specifications consolidated every 6 months associated with workbook implementations
  - Initial consolidation of 620, 639, and 780 have been completed for the July 2012 workbook
  - Initial consolidation of 630, 635 and 699 planned for January 2013
- Product Approval web site consolidation by 2015
  - Implementation Plan has already been developed

# Questions?

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Thank you