

District Construction Engineer's Meeting
January 23, 2012 2:00 PM

Attendees:

CO – David Sadler, Doug Martin, Mike Johnson, Larry Ritchie, Rudy Powell, Nancy Aliff, Jason Watts, Alan Autry

FHWA – Chad Thompson

D1 – Jon Sands, Terry Muse, Eddy Gonzalez

D2 – Carrie Stanbridge, Nick Tsengas

D3 – Steve Benak, Ray Hodges, Keith Hinson

D4 – Pete Nissen

D5 – John Tyler, Lorie Matthews, Jennifer Taylor

D6 – Mario Cabrera, Mark Croft

D7 – Brian McKishnie, Patrick Stanford, Jim Hubbard, Brian Pickard, Jim Moulton

New/Follow-up Business:

1) Introductions

Introductions were made recognizing the attendees listed above.

2) Partial Payment/Stockpile Application Demonstration – (Doug Martin/Mike Johnson)

Doug/Mike provided an update on the development of the Partial Payment/Stockpile Material application and gave a demonstration of the system to the group. The next stage in the development of the application will be the “test phase” which will include those individuals in the districts who deal with partial payment and stockpiled material payment requests.

3) Consistent/Predictable/Repeatable – (David Sadler)

Reviewed and discussed the CPR information listed on the SCO website.

http://www.dot.state.fl.us/construction/CPR/CPR_Main.shtm

Districts requested to be notified via email when the site is updated with new CPR issues and requested the site be modified to include a date items are posted and/or updated.

4) Streamline Plan Quantity – (David Sadler)

A proposed modification to the criteria used to identify Streamline Plan Quantity and Streamline Lump Sum projects from \$5M & 5,000 tons of asphalt to \$10M and 10,000 tons of asphalt was discussed. Based on data reviewed by SCO if this change were implemented, approximately 62-73% of department projects would utilize the Streamline specifications and administration processes. It was noted that there should be a good balance of SLPQ & SLLS projects. A concern was raised over the Close-out process related to these types of projects. SCO will evaluate the concern and review the Streamline specifications to determine if the issue can/should be addressed.

5) Senate Bill 1148 (Workplace Safety) – (David Sadler)

[View Attachment](#)

<http://www.flsenate.gov/Session/Bill/2012/1148/BillText/Filed/PDF>

The proposed legislation at the link above was reviewed and discussed. It was noted that this legislation includes agency requirements related to OSHA compliance. OGC is reviewing the proposed legislation and its related impacts. If the districts identify concerns with the proposed legislation, those concerns should be elevated to the district secretary and/or directors.

6) 3rd Party Damage; Specification 7-11.4 – (Jason Watts)

<ftp://ftp.dot.state.fl.us/LTS/CO/Specifications/WorkBook/Jan2012/SS0070104.pdf>

Reviewed and discussed the above referenced specification to foster consistency and raise awareness of the specification requirements. It was noted that Industry has proposed changes to this specification via the HFTT. SCO is reviewing those proposed changes but there is no immediate plan for implementation.

7) Partial Acceptance – (David Sadler)

Reviewed the [attached standard partial acceptance letter](#) that may be used, when requested and approved by SCO, to address situations wherein it may be appropriate to issue partial acceptance on a project.

8) Pavement cross slope checks – (David Sadler)

Discussed a project specific situation where the required cross-slope verification checks were not performed and it was later determined that the cross-slope as constructed was non-compliant with the Contract Documents. Districts were asked to raise awareness of this issue with project inspection staff so as to ensure compliance with the Contract Documents and CPAM is achieved.

9) Signature Delegation for DDM's – (David Sadler)

Delegation of signature on DDM's to the Assistant DCE for times when the DCE is not available is allowed. DCE should execute a letter delegating this signature authority and ensure the letter maintained in the DCO files. The delegation letter should be updated annually or when there is a change in personnel identified on the delegation letter occurs. The delegation letter should be attached to each DDM signed by the ADCE.

10) Permit Delays on Design-Build projects – (Pete Nissen)

Discussed project specific examples where acquisition of permit impacted the schedule on a D-B project. Each time this occurs, it should be evaluated on a case-by-case situation and administered in accordance with the Contract Documents. In certain cases when the specific situation warrants a time extension, the department can grant and has granted time extension accordingly.

11) Landscape Establishment Period – (Pete Nissen)

Discussed a project specific example where a contractor requested to extend the establishment period of specification 580. It was noted that SCO should be involved before any extension of the establishment period is agreed upon. If/when this situation occurs, the warranty bond required by specification 580 should also be extended accordingly.

12) RPM Alignment and Spacing – (Stefanie Maxwell)

The following photographs and information related to the placement of RPM's were reviewed and discussed. Districts were asked to raise awareness of this issue with project inspection staff so as to ensure compliance with the standards is achieved. Discussed a project specific example where the required 40' spacing was not met, the project was Final Accepted, and the contractor was requested to rectify the situation +/- 1 year following Final Acceptance as a Latent Defect. This situation should have been addressed prior to Final Acceptance since it was evident to inspection staff at the time of Final Inspection and Acceptance.

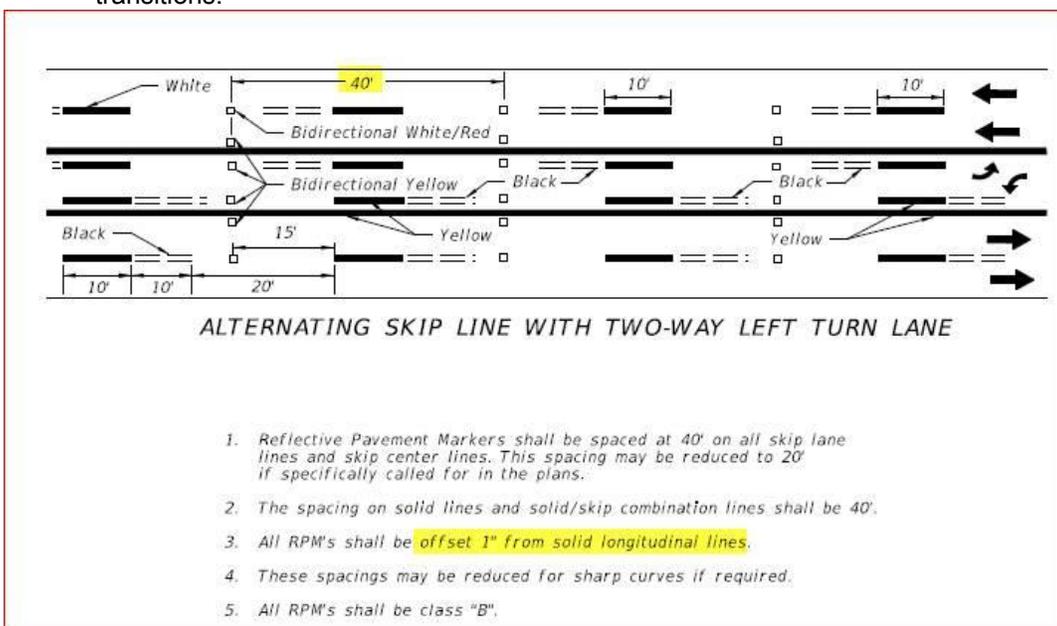




RPM Placement – Index 600 references Index 17352:

From Index 17352, Sheet 1

- **RPMs are required to be placed in line with the skips; not to be offset.** Otherwise it gives the appearance of a double line at night time, and it is out of compliance with MUTCD and the FDOT Design Standards.
- One inch offset is required for the solid longitudinal lines.
- Typical spacing is 40', standard exceptions to 40' spacing are at intersections, gores and transitions.



13) Radar Speed Display Unit (RSDU) counters – (Stefanie Maxwell)

- Does your district use the counters?
- Does having counters on the RSDU add value?
- Should the specs continue to require the counters?

990-3.5 Radar Speed Display Unit:
990-3.5.1 Display Unit Panel and Housing: Meet the requirements of 990-3.1.2 and the following physical requirements as a minimum:
(a) Provide capability to mount a 24 by 30 inches regulatory sign with interchangeable numbers showing the posted speed limit above the message display.
(b) Provide legend "YOUR SPEED" either above or below the message display.
990-3.5.2 Message Display: The message Display shall meet the following physical requirements as a minimum:
(a) Provide a bright LED, two digit speed display on a flat black background with bright yellow LEDs.
(b) Each digit shall contain either a seven-segment layout or matrix-style design. Each digit shall measure a minimum 18 inches in height.
(c) Speed display shall be visible from a distance of at least 1/2 mile and legible from a distance of at least 650 feet under both day and night conditions.
(d) Display shall adjust for day and night operation automatically with a photocell.
990-3.5.3 Radar: The radar unit shall not be affected by normal radio transmissions and meet the following physical requirements as a minimum:
(1) Approach-Only sensor.
(2) Equipped with a low power K-Band transmitter.
(3) Part 90 FCC acceptance, 3 amps, 10.8 to 16.6 vdc. Fuse and reverse polarity protected.
(4) Range of 1,000 feet for mid-size vehicle, capable of accurately sensing speeds of 10 to 99 mph with over speed function that operates when a vehicle approaches over the posted speed limit.
990-3.5.4 Traffic Counter: The unit shall be fitted with a device, which counts the number of vehicles passing the Radar Speed Display Unit. The counter device shall be capable of:
(1) Digital readout of the number of vehicles passing the radar speed display unit.
(2) Digital readout of the number of vehicles exceeding the speed shown on the radar speed display unit.

Districts were polled in an effort to gauge frequency of RSDU use, value, and whether or not the specifications should continue to require RSDU's or if a modification to the specification should be developed and implemented to remove the requirement. Following the discussion it was decided to revise the specification and remove the RSDU requirement. SCO will develop a specification change for Industry review for implementation in January 2013 or earlier.

14) Litter Removal & Mowing – (Pat McCann)

Specification 107

<http://ftp.dot.state.fl.us/LTS/CO/Specifications/WorkBook/Jul2011/SS1070000.pdf>

Maintenance Responsibilities on Construction Projects (Procedure 850-000-005)

<http://procnnet.co.dot.state.fl.us/procedures/current/850000005.pdf>

This item was tabled and will be discussed at a future meeting.

Walk-On Items

- 1) FHWA Participation in Liquidated Damages assessed for Utility Delays/Impacts – (David Sadler)

CPAM 7.3.11.1 General

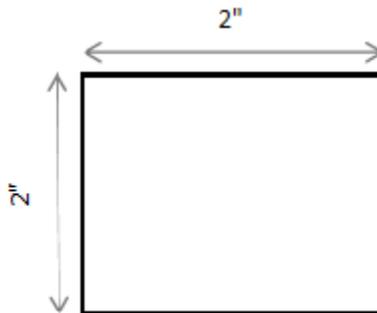
Federal Aid participation in all changes to Department Construction Contracts shall be determined as required by **Federal Aid Policy Guide 23, CFR Section 635.120**.

(J) Additional contract time for utility or right of way delays beyond what was identified in the contract documents.

Discussed a project specific issue where on a Local Agency Program (LAP) project, a non-participating Time Extension was granted to the contractor by the Local Agency. FHWA determined that since the time extension was non-participating that value of LD's which would have been assessed had the extension not been granted would be withheld from the Local Agency. FHWA and CO are continuing to discuss this determination this could lead to adverse impacts on department projects if this philosophy is implemented.

- 2) Silt Fence – (David Sadler/Larry Ritchie)

Reviewed and discussed requirements related to silt fence (both fabric and stakes) in an effort to raise awareness for project staff that silt fence installed on department project must be accompanied by a certification and must meet the requirements of the Contract Documents (specification, standards, etc.). Stakes should be measured as shown below.



- 3) Attorney/Client documents – (Lorie Matthews/Nancy Aliff)

Discussed the process which should be followed related to correspondence between District Construction Office and OGC Special Counsel Staff. It was suggested to remove from e-mail correspondence any unrelated and irrelevant history (e-mail chain) and to identify materials as "DRAFT" where appropriate. Staff was reminded that marking an item "DRAFT" does not automatically protect it as "Attorney/Client" information. The group requested an update on the current status of document destruction and responses to public records requests. OGC will research these issues and provide an update.

- 4) Construction Task Team and Proposed Staffing Reductions – (David Sadler/Nick Tsengas/Jim Moulton)

The group was updated on the efforts of the Construction Task Team and Proposed Staffing Reductions. Refer to the Executive Workshop Documents related to the January 18, 2012 meeting for more information on this subject. Information can be obtained at the link below:

<http://fdotsharepoint.dot.state.fl.us/dot/executive/executivemeetings/Executive%20Workshop%20Documents/Forms/All%20Items.aspx?RootFolder=%2Fdot%2Fexecutive%2Fexecutivemeetings%2FExecutive%20Workshop%20Documents%2F2012%20Documents%2F2012%2D01%2D18&FolderCTID=0x01200019818001EF9BCE4A9DD536F656771FED&View={32007B78-B73C-4321-80A5-84B2FE71C360}>

- 5) Office of Construction Tier 2 Business Plan – (David Sadler)

This item was tabled and will be discussed at a future meeting.

- 6) Incorporating “value-added ideas” from an unsuccessful DB proposal into the successful DB Firms design with a credit back to the Department – (John Tyler)

This item was tabled and will be discussed at a future meeting.

NEXT DCE MONTHLY MEETING – February 27, 2012

Submit agenda items to Alan Autry by February 17, 2012