

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

Attendees:

CO – David Sadler, Rudy Powell, Greg Jones, Jason Watts, Alan Autry
FHWA – Chad Thompson
D1 – Jon Sands, Terry Muse
D2 – Carrie Stanbridge, Terri Towers
D3 – Steve Potter, Renae Sanders, Ray Hodges, Jimmy Miller
D4 – Pat McCann, Eduardo Caballero,
D5 – John Tyler, Jennifer Taylor
D6 – Mario Cabrera
D7 – Brian McKishnie, Conrad Campbell
TP – Matt Price, Bill Sears, Karen Akers, Kurt Stone,

New/Follow-up Business:

1) Introductions

Introductions were made recognizing the attendees listed above.

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

a) 14 day re-application of painted markings

Discussed a proposal by a contractor who is running out of contract time on the project and requested to waive the required 14 day re-application of painted markings so as to complete the project within allowable contract time or reduce their exposure to liquidated damages. When the request was submitted and denied, the contractor reported that similar requests had been approved by other Resident Offices/Operation Centers within that same district as well as having been approved by neighboring districts. SCO raised this issue as one which should be enforced consistently and that the requirements of specification 710-4.1.1 should be enforced. D5 questioned how this should be handled if the contract requires a 30 day timeframe between placement of friction and placement of thermoplastic markings and the determination was made that the requirements of the original contract should be enforced.

3) Update from SCO on Construction Task Team, CEI Staffing Plan & Final Estimates Process – (David Sadler)

a) New CEI Implementation of Inspector Services Contracts

b) Feedback from DCE's on [Inspector](#) and [RCS](#) Scope of Services

David provided an update on the changes to the In-house (CEI) and Consultant (CCEI) staffing plan as a result of the Secretaries Transportation V21C Plan (Vision for 21st Century). The plan is to administer all projects with an original contract amount of \$10M and less via a hybrid inspection contract (CCEI Inspectors) and In-House Project Administrators. Also under this plan all RCS functions would be administered either under a district wide or residency wide contract. Districts continued to voice concerns of

the level and quality of staff and pay issues to accomplish this plan and suggested an exception process be instituted. It was also noted that under the plan a total of 55 new PA positions would be needed statewide. Districts asked if the plan could be used on projects over \$10M and were informed that this would be acceptable. Districts were asked to review the Inspector and RCS scopes and provide comments to Jerry Rudd. Districts were asked to review their upcoming (FY2013 and FY 2014) Work Program, Letting Plans and Consultant Acquisition Plans and identify those projects which would be administered per the new plan and provide this information to David Sadler by Monday May 7, 2012 (2 weeks from the date of today's meeting). D7 indicated they use a more expansive scope of services and asked if they could continue to use such. D7 will provide the expanded scope to SCO (David Sadler and Jerry Rudd) for review and consideration. It was noted that the intent behind implementing the new plan is to consistently administer all contracts under \$10M in the same manner statewide. For the RCS contract, it was noted that the intent is to use a district wide or resident/operation center wide contract (similar to the D2 model which has been used for some time). A concern was raised over the limitation on district wide contracts which are limited to a \$5M cap and an initial 5 year term. It was noted that as long as the \$5M cap is met, the term may be extended (10 year max) until the \$5M is expended under the contract. A concern was raised over the monetary value of these contracts and the impact to future CCEI contracts. D3 proposed using a district wide for both Inspection and RCS functions and will send this model to SCO (David Sadler) for review and consideration. D4 raised a concern related to the number of In-house PA's which would be required to administer these contracts. D7 questioned how project groupings would be accomplished under the new plan.

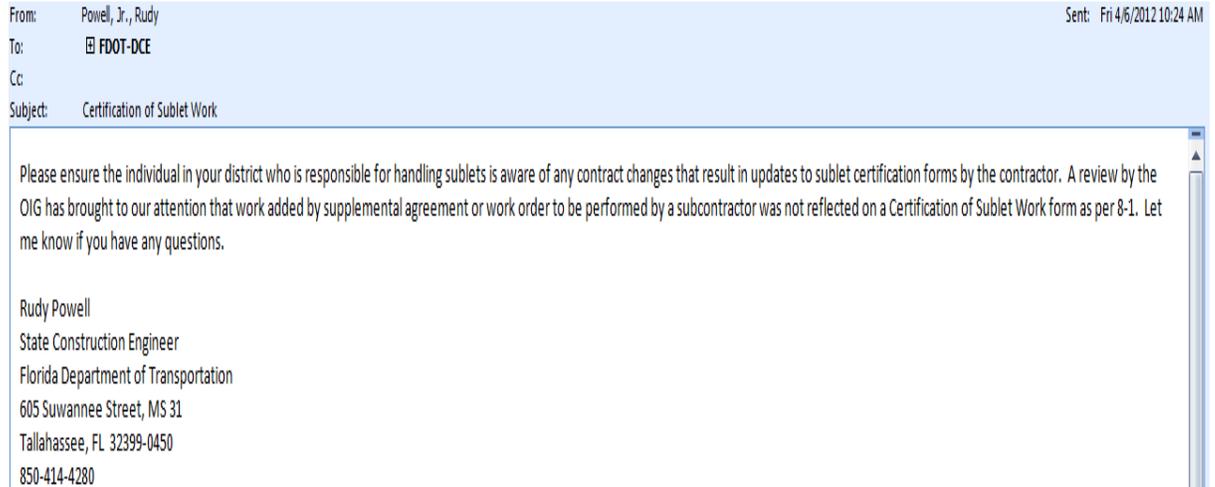
4) Office of Construction Tier 2 Business Plan – (David Sadler)

The Executive Committee continues to revise the Tier 1 plan. This item will be tabled until the Tier 1 plan is updated and published.

5) Specification Changes on D-B projects – (Rudy Powell)

Rudy polled the districts to determine how changes to the initially approved specification packages are handled in the districts. Polled districts reported that these changes were incorporated via Contract Changes (Work Orders or Supplemental Agreements). It was noted that component submittals (specification submittals which are made after the approval of the initial specifications package) should be handled via the Supplemental Specifications package process.

6) Certifications of Sublet Work – (Rudy Powell)



Raised awareness of the above email sent to DCE's on 04/06/2012.

7) Engineering Technician Academy – (John Tyler)

The future of the ET Academy was discussed in light of the changes brought about by the V21C plan for Inspection services and the departure of Lorie Matthew's involvement in this academy. SCO will continue to evaluate the continued need for and model for future academies.

Walk-On Items

- 1) Pre-bid Q&A System & Website (**refer to attached document for additional information**) – (John Tyler)
Discuss District concerns and schedule for additional programming changes

*The attached document was reviewed and discussed. Doug Martin indicated that many of the issues presented in this document had already been reported to the Bid Q&A system development team and are being worked on. Following the meeting, an issue matrix was distributed to the DCE group (**refer to attached file**). With regard to comment number 6 on D5's attachment, it was noted that the pre-bid meeting isn't a forum in which the contractors should be allowed to ask questions. Rather this meeting is to be used by the department to convey special or unique information about the project to the interested contractors. Should a contractor ask a question during the pre-bid meeting, they should be directed to submit their inquiry to the Pre-Bid Q&A website. The website should not be used by internal FDOT staff to ask questions of the department. D7 requested a system change which would allow questions submitted to the Pre-bid Q&A website to be posted immediately as opposed to requiring an approval step by the district administrator. SCO will explore this system change.*

- 2) Processing SCO approval of Specification Changes and Project Limit Extensions – (Rudy Powell)

It was noted that all Specification Change and Project Limit Extension requests should be submitted directly to Alan Autry. Alan will obtain the appropriate approvals and respond directly to the district accordingly.

3) Grade Ring Inquiry – (Rudy Powell)

Refer to Index 201 (Sheet 2 of 5)

<http://www.dot.state.fl.us/rddesign/DS/10/IDx/201.pdf>

SECTION TYPE 7
Note: See Slab Designs Index No. 200.

MANHOLE TOPS

BRICK OR CONCRETE PRECAST CONCENTRIC CONE TYPE 8

BRICK OR CONCRETE PRECAST ECCENTRIC CONE

NOTES (TOPS)

- Manhole top Type 7 slabs shall be of Class II concrete. Concrete as specified in ASTM C478 may be used for precast units; see General Note No. 3.
- Manhole top Type 7 slabs may be of cast-in-place or precast construction. The optional key is for precast tops and in lieu of dowels. Frame and slab openings are to be omitted when top is used over a junction box.
- Manhole top Type 8 may be of cast-in-place or precast concrete construction or brick construction. For concrete construction, the concrete and steel reinforcement shall be the same as the supporting wall unit. An eccentric cone may be used.
- Manhole tops shall be secured to structures by optional construction joints as shown on Sheet 1 of 4.
- Frames can be adjusted a maximum 12" height with brick or precast ASTM C478 grade rings.
- Substitution of manhole top Type 8 for manhole top Type 7 is allowed provided that minimum dimensions shown above are not reduced.
- Substitution of Manhole top Type 7 for Type 8 is allowed if the minimum thickness (t) above pipe opening cannot be maintained with manhole top Type 8.

DESIGN NOTES

- Manhole top Type 8 should be specified in the plans when depths shown above can be maintained.

NOTE: When Alternate "G" grate is specified, the chain, bolt, nuts, washer and cold shuts shall be galvanized in accordance with Section 425 of the Standard Specifications.
Cost of eyebolt and chain to be included in the contract unit price for inlets.

EYEBOLT AND CHAIN REQUIREMENTS				
Index Number	Inlet Type	Eye Bolts	Length of Chain	Handling & Remarks
217	(MB) 1	1	4'-0"	Slide & Spin
	(MB) 2	1	4'-0"	Slide & Spin
	(MB) 3	2	2 @ 4'-0"	Slide & Spin
	(MB) 4	2	2 @ 4'-0"	Slide & Spin
	(MB) 5	2	2 @ 4'-0"	Slide & Spin
218	(BW)	1	3'-8"	Slide Or Slide & Spin
219	(BW, RGD)	1	4'-0"	Slide & Spin
220	S	1	4'-0"	Slide & Spin
221	V	1	4'-0"	Slide & Spin
231	A	1	3'-0"	Slide
	B	1	5'-0"	Slide & Spin
	C	1	2'-6"	Slide & Spin
	D	1	2'-6"	Slide & Spin
	E	2	2 @ 2'-6"	Slide & Spin
232	H	2	2 @ 2'-6"	Flip Ctr. Grate and Slide & Spin Single Free Grate
	F	1	1 or 2 @ 1'-6"	Flip Or Slide & Spin
233	G	1	6'-0"	Slide
	J	1	2'-0"	Lifting Loop
234	J	1	4'-0"	Slide & Spin

EYEBOLT AND CHAIN FOR LOCKING GRATES TO INLETS

TEMPORARY DRAINS FOR SUBGRADE AND BASE

SUMP BOTTOM

ALL PIPE TYPES DRAINAGE STRUCTURE INVERT

INSERT A

FOR ALL STRUCTURES UNLESS EXCLUDED BY SPECIAL DETAIL.

2010 FDOT Design Standards

SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS

Last Revision: 07/01/08
Sheet No. 2 of 5
Index No. 201

2' Dia. (1-Piece Cover)
3' Dia. (2-Piece Cover)

Concrete Or 8" Brick. See Note 3.

Thickness Of Structure Wall

3'-6" Or 4' Dia.

Riser

1' Min. 3' Max.

Brick Adjustment or Grade Ring Permitted (Min. 0"–Max. 12")

2' Dia. (1-Piece Cover)
3' Dia. (2-Piece Cover)

Tongue & Groove Joint To Match Riser

3'-6" Or 4' Dia.

1' Min. 3' Max.

a. 200. **BRICK OR CONCRETE PRECAST CONCENTRIC CONE TYPE 8**

MANHOLE TOPS

NOTES (TIPS)

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2. Manhole top Type 7 slabs may be of cast-in-place or precast construction. The optional key is for precast tops and in lieu of dowels. Frame and slab openings are to be omitted when top is used over a junction box.
3. Manhole top Type 8 may be of cast-in-place or precast concrete construction or brick construction. For concrete construction, the concrete and steel reinforcement shall be the same as the supporting wall unit. An eccentric cone may be used.
4. Manhole tops shall be secured to structures by optional construction joints as shown on Sheet 3 of 4. ND1
5. Frames can be adjusted a maximum 12" height with brick or precast ASTM C478 grade rings.
6. Substitution of manhole top Type 8 for manhole top Type 7 is allowed provided that minimum dimensions shown above are not reduced.
7. Substitution of Manhole top Type 7 for Type 8 is allowed if the minimum thickness (h) above pipe opening cannot be maintained with manhole top Type 8.

DESIGN NOTES

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12" (Min.)

On active or recently completed projects when scope required the use of this Index, were grade rings constructed of brick or precast per the Index? If not, what other type of product or material was used?

The above information was reviewed and discussed. Districts were asked to poll their Resident Offices/Operation Centers to see what types of materials have been used to construct the grade ring and report finding to Rudy Powell within one week of the meeting.

4) On SHS Projects – (Pat McCann)

Do we want to enforce warranties (VAAP, Landscape, etc) after the project is completed? Consider that the contract was with the local agency not the Dept. Don't know that the locals have any incentive to track these warranties.

D4 inquired as to how the other districts were addressing the situation(s) described above. For Off-System projects, where the contract required any specific warranties, the Local Agency would be responsible for warrant tracking and administration functions. For On-System projects, FDOT would be responsible for these functions. It was noted that these warranties would be tracked outside the CIM Warranty Tracking Module. SCO will inquire as to whether or not LAPIT has a Warranty Tracking and Administration feature.

5) LAP CoP A&A Document – (Alan Autry)

Raised awareness of the [attached draft A &A document](#) addressing Local Agencies use of In-house personnel to perform CEI functions on both On-System and Off-System LAP projects. DCE's were asked to review this document and provide comments to Alan Autry by Friday April 27, 2012.

6) EDC vs. PDA use – (Carrie Stanbridge)

D2 inquired as to how to address contractors request to substitute EDC for PDA requests to substitute PDA for EDC. Districts were advised to follow current guidance outlined in current memorandums and terms of the original contracts.

7) V21C Direction & Supplement information on Position Advertisements – (John Tyler)

D5 asked if it is appropriate to post internal agency advertisements for all construction positions or just for the In-house PA positions. SCO will coordinate with the Personnel Office that the internal posting applies to the In-house PA position advertisements only.

8) Construction Task Team – (Jon Sands)

D1 inquired as to whether or not they should continue to invest training funds for those Inspector positions which would be eliminated as a result of the reorganization effort associated with the Secretaries V21C proposal. Districts were advised to continue to obtain and/or renew CTPQ's as long as the position is filled.

9) Guidance on inclusion of Thermoplastic Items on Construction Projects – (Jon Sands)

D1 asked if there had been any change in current policy related to not including thermoplastic markings on contracts with an original duration of less than one year. SCO is unaware of any changes in current policy but will verify with the Chief Engineer.

NEXT DCE MEETING – May 21, 2012 (Video Conference)

Next meeting date and time were noted. Districts were asked to submit potential agenda items for that meeting to Alan Autry by Friday May 11, 2012.