

GPTQ CRC Materials Subcommittee Meeting
Meeting Notes
May 20, 2013

Meeting was held at 10:30 am in the OMT conference room.

Those attending were: Chuck Hasty (GDOT State Materials Engineer), Glenn Foster (OMT Geotechnical), Reginald Murph (OMT Geotechnical), Randy Bagwell (Nova), Rich Mockridge (S&ME), Tim Brown (Terracon), Tom Scruggs (Willmer) and Don Hill (United Consulting)

Chuck opened the meeting with introductions due to Glenn Foster and Reginald Murphy joining the committee. We then began discussing the comments resulting from everyone's review of GDOT's QA/QC manual. Sections were reviewed in chronological order:

General Comments

- Chuck: At the front of the manual there needs to be a list of revisions to the Manual
- Tom Scruggs had general comment about different fonts being used throughout manual (Chuck advised that he would ask administrative staff to address this)
- Change OMR to Office of Materials and Testing (OMT) throughout the Manual
- Glen Foster suggested that a section be added addressing environmental (UST's. Hazardous Material sites, etc.)

Section I

- Don Hill: Preliminary BFI have not been performed for some time now, yet Preliminary BFI's are still shown in manual (Suggested the any reference to Preliminary BFI be deleted)
 - Manual now specifies 35 counties in which full soil surveys are required prior to PFPR, reference to Preliminary Soil Surveys should also be deleted
- Chuck Hasty: Existing Pavement evaluation is not presently shown in PDP
 - (referenced page 4) Full Depth Pavement section should be assumed at Concept phase (Proposed pavement section can potentially be reduced based on existing pavement condition/section)

Section II

- Don Hill: (referenced page 2.1) *Liability Limitations for GDOT Consultants*
 - Suggested adding a statement addressing changes from ASD Bridge Design to LRFD (increases fieldwork) – Don to draft appropriate text for subcommittee review

- Mike Thomas presented comments he received from Amec's Pieter DePree pertaining to Section II (actual comments will be sent to committee members for further consideration)
 - 2.3.1 *Right of Entry Letter*- Comments pertain to revising letter to clarify consultant's responsibility as far as direct discussion with Property Owner prior to entry and feasibility of "least amount of impact"
 - 2.4 *Erosion Control and Site Restoration*- Comments pertain to allowing soil survey drilling operations being addressed under the ½ acre rule and subsequent GDOT Environmental documents for the proposed project.
 - 2.6 *Unsuitable Materials Investigations*- Comments pertain to statement about limiting the start of geotechnical exploration and adding quantities to address unforeseen materials
 - Tom Scruggs pointed out that reference to preliminary BFI's and soil surveys needs to be deleted.

Section III

- Don Hill: Comment pertained to BFI's as relates to LRFD Bridge Design
 - Glenn Foster noted that a new template is being developed to address LRFD. He will send out to committee members for comment.
- 3.1.1 *BFI Recon form*
 - Don Hill: GDOT now has their own spreadsheet to estimate costs that shifts other direct costs to 2nd sheet.
 - Randall Bagwell will send recently used spreadsheet for review

Section IV

- Section 4.4.1 *Soil Survey Summary Template*
 - Also affects Section II of Manual
 - Glenn Foster recommendation: when large areas of material not meeting subgrade requirements are discovered, consider setting up ""test section" of additional 4" GAB and/or subgrade stabilization. This will allow observation of subgrade behavior under field conditions and possibly reduce costs by eliminating large amounts of undercut and replacement, or re-working of area. Tom to work with Glenn on revised language.
 - Section #15 Geotechnical and Drilling/sampling requirements needs to be revised
 - Section 24: Remove reference to 20% shrinkage factor (leave blank)
 - Section 29: Remove reference to 8" minimum GAB (leave blank)
 - Add test section reference for pavement design
- Section 4.5.30 *Serrated Slope Detail*
 - Don Hill: Why is this included in District 7? Suggested that District applicability be checked (remove District 7)

- *Section 4.7 Software Requirements*
 - *List of frequently used software shown*
 - *It was suggested that statement be added: GDOT retains the right to request consultant validation of results obtained using different types of software.*

Section V *Walls*

- Add LRFD comment in opening paragraph?
 - Glenn Foster advised that this is a work in progress and will be revised in the future, but no date has been set.

Section VI *Other Structures*

NO COMMENTS

Section VII *Pavements*

- Randall Bagwell pointed out that number of cores and laboratory testing required differ greatly between the manual and recent OMT scoping comments.
 - Does not follow guidelines in Section VII – Glen to discuss with AJ Jubran regarding actual requirements going forward
- Rich Mockridge noted that CBR values in QA/QC Manual (4.5.13) differ from those in the Pavement Design manual
 - It was suggested that the Pavement Design Manual be referenced in the QA/QC manual, rather than quoted/included. (this will prevent possibility of one document being revised, rather than both)

Section VIII *Special Provisions*

- Need to add Revision date on Index Page
- Change OMR to Office of Materials and Testing (OMT) on each Special Provision