

GTPQ CRC Materials Subcommittee Meeting

Meeting Minutes

February 16, 2017

Present:

Glen Foster, GDOT	Tom Hruby, NOVA
Reginald Murph, GDOT	Tom Scruggs, Willmer
Ian Rish, GDOT	Tom Howell, AMEC
Adebola Adelokun, GDOT	Curtis Scott, GDOT Procurement
JT Rabun, GDOT	Darlene Parker, HNTB
Moussa Issa, GDOT	Albert Shelby, GDOT
William Jones, GDOT Audits	

Next meeting: April 20, 2017, 10:00AM, GDOT OMAT Office

Minutes Prepared by: Tom Hruby, Jr., P.E., NOVA Engineering and Environmental, LLC.

1. LRFD Training for WFI and BFI to be continued

A meeting with the industry was held on February 7th, 2017 with 4 structural design firms and 4 geotechnical engineering firm's representatives to review a proposed training program and provide input. A follow up meeting with this group is scheduled on March 15th from 9:00AM to 12:00PM at OMAT's offices to help finalize training content. Additionally, OMAT plans to set up a meeting during this timeframe with the Wall supplier industry for their input.

The goal is to have at least one WFI Training in June/July this year and then one additional BFI Training after that time for any firm that was not able to attend the previous BFI Training sessions.

2. Corrosion Resistant PSC Piles note for BFI Report

GDOT clarified that if the samples do not meet all of the 4 corrosion requirements stated in the ROADS Guide, use this note and recommendations for Corrosion Resistant PSC Piles/HPC. This will be updated in ROADS soon.

3. Right of Entry Letters

OMAT clarified that these letters can be sent out by OMAT, the prime design engineer or their Subconsultant. For full consultant projects it is OMAT's intent for these letters to be sent out by the prime or their Subconsultant as most appropriate. In this case the GDOT Project Manager and OMAT representative should be copied on the letter. OMAT will update ROADS to make sure there is a consultant version of the letter template available which shall be used on the firm's letterhead when sending.

4. Phase I Environmental Site Assessment Guidelines

The updates were discussed and agreed upon by the committee. GDOT will update in ROADS soon.

5. Phase II UST Drilling Guidelines Final Review and Updates

Final comments from the sub-committee consultant member firms were reviewed and agreed upon for updating. OMAT will upload and update these guidelines in ROADS soon. (Ian and Glen stated that they were going to discuss several of the proposed changes, including drilling to groundwater and drilling depths and would report back to the committee.)

6. GDOT Bidding of Drilling Services within A/E Contracts

Curtis Scott with GDOT's Procurement Manager explained that drilling services will be procured as follows: 1.) projects with drilling costs per structure type (BFI's, Soil Survey's, WFI's, etc.) that are less than \$10,000 the geotechnical engineering consultant firm will procure the drilling and provide back up documentation with their invoice; 2.) projects with drilling costs per structure type that are \$10,000 to \$24,999 the geotechnical engineering consultant shall attempt to solicit 3 competitive drilling bids and select the lowest responsive bidder. This bid should be tied to estimated required drilling schedule for the project as determined by the GDOT Project Manager and Prime Design Engineer. If the drilling company cannot commit to the estimated drilling schedule then they will be considered non-responsive for this solicitation; 3.) projects with drilling costs per structure type that are \$25,000 and above, the geotechnical engineering consultant shall scope the project for their services including engineering hours required and estimated drilling quantities and drilling requirements (without drilling cost, unit rates, etc.). GDOT's procurement office will prepare and send out an Invitation to Bid (ITB) including estimated drilling schedule requirements determined by the GDOT Project Manager and Prime Design Engineer. GDOT will procure directly the lowest responsive bidder. It was discussed that the GDOT PM would have some amount of contingency in the project funding for drilling services should they exceed the estimated scope of work from the bidding documents. In cases with large overages or differences in estimated scope of work, a change order would be required for the project.

Curtis did mention that this same process would also apply to other non-A/E services required for these projects. MOT and Laboratory services were mentioned and included some discussion. Regarding Lab services members of the committee mentioned that ASTM procedures and tests are required to be performed under the direct supervision of a Professional Engineer and should be considered an A/E service, however it appeared that this was not entertained further. Further clarification may be necessary regarding these and other GDOT defined Vendor services or Other Direct Costs (ODC's). GDOT also clarified that drilling performed by DBE firms does not count towards the Project DBE Goal for A/E Services as drilling is not an A/E Service.

GDOT's procurement office provided the attached Invitation to Bid Template for the Materials subcommittee to review and make recommended additions, edits and comments. The estimated timeframe for GDOT's procurement office to solicit and get a bidder under contract is 60 days. ***Please review this ITB Template and provide comments and recommendations (using track changes function) back to Tom Hruby at thruby@usanova.com by Monday, March 6, 2017.***

7. MS4 Field Services Scope of Work during Design

This agenda item was not addressed during the full meeting due to time constraints. However, a brief conversation immediately after the meeting with a few members of the committee was held regarding field services required for MS4 projects which is beneficial to share in these minutes.

See the following information contained in the PDP Manual and Drainage Manual. Note that there are numerous types of MS4 BMPs that the designer can use and that these field services are only required if the Infiltration BMP is proposed to be used. If this is the case field testing at the location(s) of the Infiltration BMP's only are required. Please review this information provided below for full clarity.

From Plan Development Process (PDP) Manual

6.3.3 MS4 Soils Report

Required for projects with proposed "Infiltration" Post-Construction Stormwater BMPs. An MS4 Soils Report is required for projects in MS4 areas that do not have a PLE and will consider BMPs that rely on infiltration of existing soils. This testing can be requested at the same time as the Soil Survey Report. Acceptable testing methods are shown on the MS4 PDP Process Chart and the preferred method is selected by the Geotechnical Engineer.

MS4 PDP flow chart
<http://www.dot.ga.gov/PartnerSmart/DesignManuals/NPDES/MS4%20PDP%20Process%20Chart.pdf>

Drainage Manual
<http://www.dot.ga.gov/PartnerSmart/DesignManuals/Drainage/Drainage%20Manual.pdf>

Appendix J of the Drainage Manual has all you need for MS4, drilling and sampling and reporting requirements. Specifies its only for "Infiltration" BMPs.