

## GPTQ Materials Subcommittee Meeting Minutes, 10/27/16

In attendance:

Monica Flournoy, GDOT  
Glen Foster, GDOT  
Reginald Murph, GDOT  
Ian Rish, GDOT  
Jewell Stone, GDOT

Thomas Scruggs, Willmer  
Thomas Howell, AMEC  
Tom Hruby, Nova  
Catherine Armstrong, GDOT

1. The status of the research for LRFD retaining wall design (WFI) was discussed. OMAT received the final spreadsheets and report from the research project on October 17, and scheduled a meeting with Office of Bridge Design on November 1 to review and plan future designs. Consultant training will be held on Tuesday, February 7, 2017 from 8 am until noon at OMAT. An announcement will be sent out through ACEC Georgia. This class will only be open to Geotechnical firms.
2. The next BFI LRFD training class was discussed and will be held after the WFI LRFD class. A tentative date will be discussed at the next meeting. Ian and Glen noted that consultants who have taken the class are expected to share the information with others in their companies.
3. OMAT has developed a note to be used in BFI reports regarding requirements and locations for using corrosion resistant PSC piles. A copy of this note was distributed and should be reviewed by the committee and any comments distributed to all. Use track changes to make your comments.
4. No new review comments or suggestions for the Pavement Design Manual were brought up. However, the previous review comments will be forwarded to Jewell Stone for her review, since she is now heading the Pavement Design Branch and just joined the committee.
5. The new MS4 requirements and how they will affect OMAT were discussed. The Geotechnical Bureau will be responsible for providing design information for MS4 (through use of consultants), but field work will be done separately from the Soil Survey process. The Office of Design Policy will provide a scope for this work, and it is due to be published by January 1, 2017. Guidelines will then be included in the Geotechnical Manual. A PDP (Plan Development Process) flowchart and map of Georgia counties affected by MS4 are available on the ROADS website.

6. Monica was asked if Right-of-Entry letters should continue to be sent out through her office. She will discuss with Glen and the committee at a later date.
7. Ian distributed revised UST phase 2 guidelines listing proposed drilling intervals and all were asked to review and provide review comments using track changes. Send back to all on the committee. In addition, Tom Hruby provided a revised set of guidelines and this was e-mailed to the committee on November 8. Please review and provide comments in the same manner.
8. Revisions to the drilled caisson specifications were discussed. Ian handed out two versions of Special Provision 524, one for slurry caissons and one for non-slurry caissons. Both versions contain optional language included in different colors to be used according to the needs of the project. There were also changes regarding mass concrete requirements and removing PVC pipe for use in CSL (crosshole sonic logging) testing. The committee will review (using track changes) and send back to all.
9. The absence of maximum factored structural resistances for metal shell (MS) piles in the Bridge Manual was discussed. Ian explained that unlike H-piles, the metal shell is not included in the structural capacity of the pile, only the inner reinforced concrete portion is. Therefore, only maximum driving stresses are listed, but not maximum factored structural resistances.

The meeting was adjourned at 12:05 pm. The schedule for the next meeting will be forwarded at a later date.