

# GTPQ CRC Materials Subcommittee Meeting

## Meeting Minutes from April 20, 2017

May 10, 2017

Present:	Monica Flournoy, GDOT	Tom Hruby, NOVA
	Glen Foster, GDOT	Catherine Armstrong, GDOT
	Reginald Murph, GDOT	Richard Douds, GDOT
	Ian Rish, GDOT	Abdallah Jubran, GDOT
	Adebola Adelokun, GDOT	Tom Howell, AMEC
	JT Rabun, GDOT	Bob Barnes, ECS

Next meeting: July 21, 2017, 10:00AM, GDOT OMAT Office

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

### 1. WFI LRFD Training and Research

OMAT plans to set up a meeting in May with the Wall supplier industry to discuss global stability and receive their input.

The goal is to have at the first WFI Training in August/September this year.

### 2. Right-of-Entry Letters

New templates for consultants have been added to ROADS under the category: Design Policy and Support; Property Access Standard Letter.

#### Deep Foundation Drilled Caisson Specification Update

Updates have been made to the special provisions. GTPQ will notify construction industry of changes and then OMAT will upload special provisions in May.

### 3. Procurement of Drilling & MOT Services within A/E Contracts

Further research into the State rule governing procurement of vendor services revealed that there is an exemption for Geotech/Soils. It is OMAT's position that this includes invasive investigations by means of drilling to collect soil, rock, aggregate, concrete cores, asphalt cores, etc. as this requires special expertise and skills to collect the materials of which are the basis for engineering calculations and recommendations. We understand that Procurement Administrator Treasury Young intends to meet with Georgia Department of Administrative Service (DOAS) soon to discuss this exemption and how it translates to GDOT's and their consultant's procurement of drilling services.

#### **4. Geotechnical Laboratory Services**

The members of the materials committee will develop and industry average for the amount of time it takes to perform laboratory and reporting of the lab tests listed below. This will be an internal resource for GDOT and OMAT to use to gauge the cost per sample of lab tests during negotiations of cost proposals and task orders.

##### Laboratory Tests

###### USCS Tests

###### Triaxial Shear

Consolidated – Drained (CD) – ASTM D7181:

Consolidated – Undrained (CU) - ASTM D4767:

Unconsolidated - Undrained (UU) - ASTM D2850:

Consolidation – ASTM D2435: One-Dimensional Consolidation Properties of Soils - Incremental Loading

Natural Moisture Content

Organic Content

810.2 Series Testing

CBR Tests (Soil Support)

Corrosivity Testing

Unconfined Compression Test (Rock Cores): ASTM D7012 Method C

Splitting Tensile Strength of Intact Rock Core Specimens Tensile Testing of Rock – ASTM D3967

Rock Coring and Rock Core Sampling - ASTM D2113

Determining Rock Quality Designation (RQD) of Rock Cores – ASTM D6032

Guide for Field Logging of Subsurface Explorations of Soil and Rock - ASTM D5434

Practices for Preserving and Transporting Rock Core Samples – ASTM D5079

Practice for Using Hollow-Stem Augers for Geotechnical Exploration and Soil Sampling ASTM D6151

Testing Asphalt/Concrete Cores – Thickness Determination and Density

GDOT 115 Testing (per set of 6)

Hamburg core testing AASHTO T 3246-16

#### **5. Pavement Design Manual Update**

Review and updates currently on-going within OMAT to bring this document to a final manual. It was also proposed that an independent Pavement Evaluation Survey manual be created. This will be discussed further at the next meeting.

#### **6. RTT Training & Supply of Inspectors**

Based upon previous conversations with the co-chair of the CEI committee, we discussed the need to estimate the current number of certified RTT personnel within the State of Georgia. Then we need to estimate the total number of RTT personnel we will need in 5 years and 10 years from now based upon GDOT's upcoming construction program. Next steps after that would be to take the RTT data with the same type of CEI personnel data to TCSG for further discussions on creating an educational program for CEI and RTT personnel. However, now that a Training sub-committee has been formed within GTPQ in may be appropriate to turn over this agenda item to that committee.

**7. MS4 Scope of Work by ODP & OMAT Procedures**

It was stated that Appendix J of the Drainage Manual has all we need for MS4, drilling and sampling and reporting requirements and that it specifies it is only for "Infiltration" BMPs. It was determined that there is no need for further work on this agenda item.