

Date: February 11, 2021
Project: ACEC Engineering Services Subcommittee
Purpose: February Monthly Meeting Agenda
Location: Microsoft Teams Meeting: [Click here to join the meeting](#)
Video Conference ID: 125 139 384 7
Time: 10:00 AM – 11:30 AM

Consultant Relations Committee Summary (for 2/11/22 Meeting)

- Discussed details of PM obligations of TIP/STIP compliance – content and funding.
- Discussed Risk Based Estimation (by phase of project with contingency) – discussed NHI course that provides training on this approach.
- Upcoming training from Engineering Services – Common Mistakes and Errors in Estimates and Calculations – to be rolled out internally at GDOT before going external.
- Discussed Georgia Tech research project to develop a more consistent approach to MOT cost estimation. Will be used on some projects internally before being released.
- Discussed when Dan Pass some DP&S initiatives including DE/DV Guidance Manual and the new Concept Phase Scoping document.
- Discussed new initiatives to be taken by the group.
- The next Engineering Services Subcommittee will be held on April 15, 2022.

Subcommittee Members:

<input checked="" type="checkbox"/>	Erik Rohde	GDOT Co-Chair	erohde@dot.ga.gov
<input type="checkbox"/>	Fletcher Miller	GDOT	fmiller@dot.ga.gov
<input type="checkbox"/>	Katherine Park	GDOT	dpark@dot.ga.gov
<input checked="" type="checkbox"/>	Daniel Pass	GDOT	dpass@dot.ga.gov
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<input checked="" type="checkbox"/>	Walt Taylor	GDOT	wtaylor@dot.ga.gov
<input checked="" type="checkbox"/>	Dan McDuff	Atkins Co-Chair	dan.mcduff@atkinsglobal.com
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<input checked="" type="checkbox"/>	Rick Strickland	NV5	rick.strickland@nv5.com

MISSION

To promote communication, innovation, and cooperation between GDOT and consultant design firms on plan presentation, review constructability and construction issues.

Grey Text = Original Meeting Agenda
Black Text = Minutes and discussion points
Red Text = Action Items

TOPICS

- Subcommittee Meetings – Face-to-face/hybrid – possibly April 2022
 - April – will assess as we get closer
 - Next meeting April 15, moved to avoid Spring break.
- Discussion - Consultant Relations Committee Meeting, Transportation Forum – Quality Assurance documents with checklist
 - Electronic copies only.
 - Should include main construction plans as part of the submittal.
 - Bridge plans should be approved or have a waiver from Bridge Office. Bridge plans not needed.
- General Discussion
 - GDOT Plan Signature Sheet – currently in the works
 - RTP/TIP/STIP Certification Statement. PM signs compliance – what is PM responsibility?
 - Consultant should be checking to verify.
 - Need to request from PM the contents and funding details for the TIP/STIP. If over 20% more, increase will require an amendment. **This could impact letting.**

- If scope has significantly changed, we may need a concept report revision – should ask PM
 - If it is in a non-attainment area, statement comes from Planning.
 - ROADS design related resources includes a non-attainment map.
 - Environmental Mitigation Costs
 - In general – on GDOT projects cost does not seem to be tracked annually? Added to Programmed cost spreadsheet?
 - With increase in cost, an issue with local projects. Can this be considered a PE cost?
 - Erik's understanding is that it is paid for under PE cost and needs to be included as part of that cost.
 - Other topics?
4. ESPCP Common Errors
- Efforts completed – still a high priority with Hiral and GDOT, too many iterations.
 - 2021 EPD Reviews – 0% Approved on 1st, 58% on 2nd, 3/4/5 – 42%, Highly encourages workshop before 2nd review if significant comments. Set-up with Sandy Lawrence, Inter Agency Office of Environmental Quality, slawrence@dot.ga.gov
 - If you have minor comments-correct and resend. If you received major comments – best to request a workshop with Sandy Lawrence to make sure all in agreement with approach before resubmitting.
5. Post Construction Evaluations (PCEs) – status
- No new information
6. Design Policy & Support Discussion – Dan Pass
- Design Exception/Variance Guide – status
 - Frank Flanders and subcommittee are putting together draft guidance on DE/DVs.
 - D-B type projects will include a different approach on how it is applied because contractor is looking to reduce cost.
 - Concept Phase Scoping Document – how is it going?
Going well, some have been submitted.

- Risk Based Cost Estimation (by phase contingency)
Discussed this approach and training that provides information on this approach.

The screenshot displays the NHI Course Search interface. The main content area shows the 'Course Search' results for 'Probabilistic Risk-Based Estimating for Highway Project Cost and Schedule'. The course details include: PROGRAM AREA: Construction and Maintenance; COURSE NUMBER: FHWA-NHI-134205; and a table showing the course is available in 2022 for 10 hours, 1 unit, at a price of \$50 per participant. The course description explains that it is an interactive eBook designed to help participants understand and implement PRBE. The sidebar on the left offers options to enroll in training, host a training, find NHI materials, and pay an invoice. There are also links for email updates and social media connections.

- Other pertinent discussion

7. Training and Development

- QC of Cost Estimates – **on hold**, waiting in-person return
- Earthwork Calculations – **on hold**, waiting in-person return
- Common Engineering Mistakes in Estimates and Calculations (Katherine Park/Josh Taylor) – completing development, **GDOT internal pilot first before external**
- Offer from Training Subcommittee (Kyle Mote/Keith Strickland) should we need any assistance.
- Response Training for Field Plan Reviews – **On hold**. Walt working on updating
- GDOT Internal Training to develop scoring consistency - Made some adjustments to scoring summary. Just had meeting with Performance Management Research (PMR), working to implement changes from meeting. Walt looking to work out in the next few months. Then response training will become the focus.

- GT research project to develop MOT costs, etc. – on-going
 - Sam Woods office will test program out.
 - Will be a web-based application by GDOT, probably on web page.
 - Anticipate being posted to webpage by early fall.
- Others?
 - No updates
- 8. Other Initiatives
 - Discussion of new initiatives by committee
 - Higher Level of design involvement - Post Construction Services
 - Consider bringing up to PM to see if can be in scope and included under billable rates. May have to make argument to keep in scope.
 - Bring up to CRC committee.
 - GDOT Stds/Detail – suggested updates/corrections – 1st round due 12/23 to Eng Svcs
 - Proprietary items guidance for R.O.A.D.S.
 - How do we spec in the plans?
 - Proprietary restriction has been rescinded
 - Should be able to call out in the plans.
 - Make sure a special provision is not required to supersede spec (Example spec may restrict to QPL)
 - Walt noted he thinks the plans would trump the standard spec.
 - Identify Special Provisions vs pay items index – discrepancies exist
 - Erik noted this has been on Engineering Services list to correct.
- 9. Final Discussion
 - Any efforts consultant members could assist with?
 - Other items?
- 10. Adjourn

Next Meeting tentatively scheduled for April 15, 2022 (10am-11:30am)