

TRANSPORTATION FORUM COORDINATOR: Wendy Dyson

GENERAL ITEMS:

- **Welcome**
- **Next Meeting: Wednesday, June 6, 2018 – Topic to be determined**
- **No July meeting - Have a Safe and Happy Independence Day!**
- **Note: Transportation Forum meetings are being recorded to simplify meeting reports.**

UPDATES:

1. GPTQ Practical Design Task Force – Allen Krivsky

Task force kick-off meeting on 4/20. Scheduled to meet every 2 weeks to create momentum.

Problem Statement- (guidance from steering committee)

Our transportation industry faces challenges with establishing and maintaining efficient and effective processes and designs. Current processes and designs are focused on maximizing benefit to the single PROJECT and should focus decision-making on maximizing benefit to the statewide transportation SYSTEM. Changing the current culture to a culture of practical design should meet the goal to allow more system needs to be addressed by meeting individual project performance objectives for the least cost.

Practical design can be achieved by:

- Freedom to innovate
- Custom solutions that meet the project's purpose and need
- Practical use of PDP processes
- Focus on scope conformance / avoidance of scope creep
- Balancing scope, initial costs, maintenance costs, operations, safety, etc.
- Optimum use of flexibility in the design guidance
- Maximum results with limited funding; provide best value for the taxpayers
- Phased solutions that address more critical and current needs
- Collaborating with districts and stakeholders to ensure wide array of perspectives

The task force has a schedule of 12 months to research and evaluate best practices from GDOT staff, consultants, other state DOTs, county DOT's, local governments for federal and non-federal projects; develop examples/case study, models/templates, training/communication technics and identification of modifications to current guidance.

The vision is for GDOT & Consultants to shift to the Practical Solutions way of doing business

2. GPTQ Cost Estimating Task Force – Scott Gero

Goal of the Task Force: Review policies and processes for the development of cost estimates throughout the Pre-Construction activities of the Project Development Process. Develop recommendations for improving the quality and accuracy of the estimates. Educate the engineering community (both internal at GDOT and consultant) to be more diligent about:

- properly assessing quantities
- properly allocating quantities to bid items
- applying greater quality control
- Ensure cost estimates are as comprehensive, accurate and complete as is currently possible at the current stage of the project.

Completed to date:

- Held 4 meetings so far; Task Force consists of Scott Gero, Paul Cook, Scott Jordan, and GDOT's Erik Rohde, Sam Woods Josh Taylor and Fletcher Miller.
- Began with a review of GDOT Design Policy 3A-9 (<http://mydocs.dot.ga.gov/info/gdotpubs/Publications/3A-9.pdf>) – comments made, Eng. Services is reviewing comments and will draft a revision, Policy will be reviewed again and per committee make a recommendation for approval
- Compilation of Draft documents for future tasks

Tasks we are working on:

- Process:
 - PDP review and updates
 - Develop process flow chart for Cost Estimating and/or incorporate into the PDP flowcharts
- Contracting: Reviewing scope and tasks/assumptions in manhour estimates, confirm expectations and ensure properly documented
- Documentation:
 - Minimum standards of what documentation should be kept for each project (for Quantities and Items) Some will be mandated and some will be guidance.
 - Development of checklists to ensure cost estimates are addressing all items and information available at the time of the estimate
- Tools:
 - Reviewing and combining best practices as a guide to developing cost estimates
 - Development of IF=>THEN lists of items in your project and relevant pay items to ensure are included. Ex. **If** you have a bridge **then** you should have an approach slab, etc.
- Education: How will we disseminate the information to the design community (GDOT and Consultants)

Unresolved Discussion Items:

- Should design teams provide quantities and pay items numbers ONLY and have a central entity apply costs? Would that take out elements of multiple design teams, learning curves and the various regions of state/costs locally that are impacting estimates. *The central entity could be GDOT or even a consultant contract that will apply the current costs per region where project is located, looking at prior project bids, etc.?*
- Should Cost Estimates be prepared and submitted with Concept Report, PFPR for discussion at those milestone meetings?
- What is the right amount of % change to instigate the need for an update to the cost estimate? Is the % change a dollar amount or is it a % change in bid items and/or quantities or is it a combination of \$ and items and/or quantities? Is it different for small short turnaround projects than longer projects that can capture changes in annual updates?

PRESENTATIONS:

1. **GDOT Roadside Safety Hardware - MASH Implementation**
Brent A. Story, P.E., Office of Design Policy & Support
 2. **GDOT's Move to OpenRoads Designer**
Frank B. Flanders IV, P.E., Assistant State Design Policy Engineer
- **OPEN DISCUSSION:**
- Reminder to PLEASE submit suggestions for Transportation Forum discussions and presentations to Wendy Dyson and/or GPTQ subcommittee co-chairs
 - A presentation followed the Forum meeting, presented by Tom Springer, QK4 , 'Best Practices for NEPA Process and EIS Documentation'
 - *Presentation documents with additional notes included in green and questions/answers.*
 - [Dropbox link for files - will be removed in 15 days](#)
 - *GDOT-PPT-MASH Implementation.pdf*
 - *GDOTs Move to ORD*
 - *05-02-18 Transportation Forum.mp3 file location (will be removed after 15 days)*

Information was condensed from recording of the Forum meeting. Please send any additions and/or revisions to obrewer@dpengr.com and/or 678-730-1885 (direct)

Thank You! Ossie Brewer