



Consultant Relations Committee (CRC) Subcommittee Award

- Engineering Services subcommittee is the recipient of the 2018 CRC subcommittee award
- Environmental subcommittee receives honorable mention recognition



Engineering Services

- Initiated Cost Estimating Task Force with following deliverables – now available
 - *Updated Policy 3A-9 for Cost Estimating Procedures*
 - *Updated Policy 2434-1 for Method of Payment for Earthwork/Earthwork Flowchart*
 - *“Best Practices” cost estimating resource guide for design teams.*
 - *Cost Estimating Flow Chart for the cost estimating process based on Policy 3A-9*
 - *Earthwork Pay Item Matrix*
 - *Cost Estimating QA Checklist*
 - *GDOT Pay Item Guidance Document*
- Updated “commonly seen field plan review comments” and “commonly seen EPD review comments for ESPCP” – information available on GPTQ webpage
- Published help guides on the following
 - *Hot Mix Asphalt Pay Item Index Guide*
 - *Low Impact Bridge Program Bid Tab Data*
 - *Roundabout Project Bid Tab Data*
 - *Steel Strain Pole TPIV with Mast Arm Low Bid Prices*
- Continue awareness of benefits of the Post Construction Evaluations (PCE)
 - *Performed PCE on the State’s first CFI (displaced left turn) for PI 132790-*



CRC Subcommittee 2018 Accomplishments Overview

November 9, 2018



Procurement

- Assisted with new consultant performance evaluation process through CMIS (annual evaluations as well as evaluation by deliverables) – completed July 2018
- Resolution for procurement of vendor services, including drilling, via development of a new GDOT policy that allows non-engineering services in support of engineering work to be procured through the qualifications based selection process
- Task Force developed Negotiations Handbook
- GDOT Request Tracking System (RTS) that allows an advanced workflow based tracking system for task order negotiation and procurement allowing the Procurement Office to keep pace with the rapidly growing consultant acquisition program
- Continued transparency to the consultant community on a variety of procurement issues, such as GDOT pre-qualification process, federal transportation funding, the amount of contracts being processed, the decision making process for selection and future advertisements and GDOT auditing requirements
- Ongoing task forces evaluating GDOT Reference Check Process and DBE participation on A&E contracts



Environmental

- Program Level Achievements
 - New PCE Agreement Signed by FHWA and GDOT
 - Allows for Section 4(f) de minimis and Informal Section 7 Consultation
 - Abbreviated FONSI Template Approved by FHWA
 - MMIP and Traffic MOUs for Cultural Resources Approved by Agencies
- Process Improvements Completed
 - Streamlining Environmental TPRO Comments Format for Improved Readability and Understanding
 - A3M – Ongoing improvements to established process
 - Environmental Survey Boundary- for Standardizing Survey Areas and Initial engineering coordination
 - Archaeology Short Report & Digital Data Package Submission for Streamlining Data Management
 - Developed State Species Survey Methodologies for standardization and completion of surveys
- Ongoing Initiatives
 - Procurement Sub-Committees working to Streamline Assumptions to Improve Processing/Review Times
 - State Funded Noise Methodology
 - Georgia NAHRGIS Updates for History

These subcommittee initiatives advance the environmental process by: streamlining resource identification; reducing environmental review and redundancy; and, ensuring quality environmental documentation is incorporated into project decision making resulting in time savings.



Program Delivery

- Created a consultant fee/scoping task force with focus on:
 - *Development of Master Scoping Document*
 - *Level of Archaeology needed for initial Task Order*
 - *Process to establish Archaeology Survey Boundary*
 - *Development of Scoping Flowchart (presented at Transportation Summit)*
- Ongoing updates and improvements to GDOT's Program Delivery Website
- Ongoing discussions of A3M process
- Ongoing discussions of requirements for providing 3D Models to Contractors as pre-let files beginning in January 2019 (March 2019 Letting)
- Ongoing discussions with Design-Build delivery and related success stories
- Ongoing discussions with TIA Program and future projects
- Ongoing discussions with Risk Assessment and Management Initiatives



CEI

- Engineering Skills Development tests (ESD's) were replaced with the Construction Engineering Inspection Training (CEIT).
 - *The CEIT offers more information on construction activities and is available on GDOT's website*
- Ongoing work with GDOT to ensure inspectors are utilizing technology in the most efficient manner e.g. moving from laptops to field tablets and preparing to eventually move from SiteManager to AASHTOware
- GDOT and their Consultant Partners collaboratively trained GDOT and consultant inspectors on various topics relating to construction inspection in all Districts
- Added several new job titles to the new CEI contracts – to improve retention
- Updated and enhanced the CEI evaluation process and forms



Bridge & Structural

- Developed “LEAP Concrete Bridge – Superstructure Users Manual” utilizing a Subcommittee Task Force
- Developed “RC-Pier User’s Manual” utilizing a Subcommittee Task Force
- Updates to the GDOT Bridge Design Manual
 - *Ongoing development of Accelerated Bridge Construction (ABC) companion manual*



Materials

- Issued new Wall Foundation Investigation (WFI) Load and Resistance Factored Design (LRFD) guidelines and templates
 - *OMAT hosted an industry training day on February 6th at OMAT's office in Forrest Park. There were 43 attendees including 7 attendees representing structural designers.*
- Revised Soil Survey and Bridge Foundation Investigation (BFI) guidelines
- Revised Phase I and Phase II Environmental Site Assessment (ESA) guidelines
- Revamped Pavement Design Submittal Process.
 - *Implemented digital signature workflow in ProjectWise – first GDOT Office to put this type of workflow in production*



Roadway Design Policy

- Developed final draft of Design Policy Manual Chapter 12 - Staging
 - *Included two workshops with DOT staff, including representatives from the Construction Office, Engineering Services, Roadway Design, and Traffic Operation.*
 - *Included four committee meetings in order to discuss comments and to organize the text.*
- Assisted ODPS in review / discussion of 3D Modeling and Open Roads processes



Survey/Mapping

- Developed guidelines of Ownership of Existing Databases produced by others
- Developed guidelines on Impact of Septic Locations to Homeowners
- New Standards of Database Preparation
- Updated Survey Control Standards
- Ongoing discussions of Right of Way Property Resolution Standards
- Ongoing discussions on New Technology
 - *Lidar Mapping*
 - *Low Altitude Drone Technology*
- Ongoing updates to the current GDOT Survey Manual



Traffic

- Ongoing review and draft updates to Chapter 13 of GDOT Design Policy Manual Chapter 13
- Liaised with ITE Simulation Modelling task force as areas of interest and discussion overlap
- Contributed to internal discussions of the Intersection Control Evaluation (ICE) policy
- First draft of Georgia Traffic Analysis Defaults document prepared. Reviewable draft expected early 2019.



Training

- Developed list of priority training topics to be scheduled as funding and instructors allow
- Hosted 5 training sessions for the Designer Utilities training
- Hosted training on design of roundabouts
- Promoted 26 training opportunities
 - *Covering topics which included Storm water BMP's, Roadside Safety, Access Management, Urban Drainage Design, High performance Concrete, Bridge Inspection, LRFD WFI training, and the NEPA process*
- Continued mission to increase communication of existing training opportunities, identify training needs, and promote knowledge base of transportation community through presentations on best practices



Preconstruction Awards

- Enhanced the on-line submittal process
- Clarified submittal and judging criteria for urban vs. rural projects
- 51 total submittals this year, generally consistent with the last two years