



AMERICAN COUNCIL OF ENGINEERING COMPANIES OF GEORGIA

## GPTQ CRC SUBCOMMITTEE

### MEETING MINUTES

## **ROADWAY DESIGN POLICY**

*January 22, 2015 @ 11:00 am*

*GDOT Design Policy Conference Room - 26<sup>th</sup> Floor*

**Mission:** To promote communication, innovation, and cooperation between GDOT and consultant firms on issues affecting design decisions, criteria, processes, and implementation as well as plan and document presentation.

#### **Subcommittee members in attendance:**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Alex Stone – Mulkey Engineers           | <input checked="" type="checkbox"/> Chris Marsengill, Co-chair – Moffatt & Nichol |
| <input checked="" type="checkbox"/> Bill Roundtree – Parsons                | <input checked="" type="checkbox"/> Kevin Ergle – Kimley Horn                     |
| <input checked="" type="checkbox"/> Brent Story, Co-chair – GDOT            | <input checked="" type="checkbox"/> Mario Macrina – Wolverton & Associates        |
| <input checked="" type="checkbox"/> Brian O'Connor – T.Y. Lin International | <input checked="" type="checkbox"/> Steve Linley – Parsons Brinckerhoff           |

**1. Welcome and Introductions:** Chris Marsengill – Moffatt & Nichol

**2. Previous subcommittee accomplishments were reviewed including:**

- EDG Compliance Score Summary
- InRoads Project Data Sheet updates
- R.O.A.D.S. webpage
  - Policy Announcements Section
  - Updates and fixes
  - Manual availability (manual reformatting to be complete by October 2015)
- GDOT Ditch Lining software findings/discussion/revisions/direction
- Bentley ProjectWise implementation
- Silt Fence Check Dams
  - EPD is now in the loop and GDOT is using these again
  - Manual for Erosion and Sediment Control in Georgia, Sixth Edition
    - 1. Includes Silt Gate symbol
    - 2. All BMP symbols have changed

**3. Subcommittee focus moving forward**

- R.O.A.D.S. webpage
  - 10 Most Interesting Links from the following list:
    - 1. All updated templates in word format (concept reports, design variances, etc)
    - 2. Fee Spreadsheet
    - 3. Updated Manuals - Design Policy Manual, PDP, PPG, EDG, Drainage Manual, etc.
    - 4. Plan Distribution List
    - 5. Pay Item Index

6. Item Mean Summary (going into CES takes way too long)
7. Special Details (ie. Single Slope Barrier)
8. Links to Geotraqs, TransPI, Traffic Count Database System, Crash Data
9. County Maps
10. Roadway Functional Classification Maps
11. AC Adjustment Spreadsheet
12. Cost Estimate Update form
13. Specs and Special Provisions
14. Contacts or Org Charts for commonly needed design related personnel – District Preconstruction Engineers, District Utility Engineers (Util Cost estimates and coord), Area Engineers (need to be copied on property letters)
15. Letting Schedule
16. MyGDOT inventory information and instructions
17. CMIS information / Manual (this does not have to do with ROADS, but it would be nice to have it out there)
18. Standard GDOT contracts / PFAs
19. This isn't on the first page of ROADS, but they've changed the Geotechnical manual on the second page. Each one of the sections is a separate link. Clicking the link downloads a .zip file that then has a .pdf file inside of it. Seems like they could at least each be .pdfs (eliminating the zip file step) and a single .pdf for the complete manual would be good too. It is hard to find information opening file-by-file.
  - Maintain Policy Announcements on R.O.A.D.S. page
- Bentley
  - InRoads advances and training
  - ProjectWise Implementation – GDOT to engage CRC when details of implementation procedures are finalized
- PDP Update completion scheduled for March 2015
- Revised GDOT Policy Manual format revisions completion scheduled for October 2015
- Efficiency in delivering FPR and Final Plans packages
  - Workflow diagrams for ProjectWise in progress
  - Reduce paper submittals and costs
- Future training opportunities (InRoads, MS4, Drainage, etc.)
  - SAMSOG Brown Bag Sessions
    1. [http://www.samsog.org/events/event\\_details.asp?id=583950](http://www.samsog.org/events/event_details.asp?id=583950)
    2. GDOT's InRoads SMEs are attending and are available for questions
  - Upcoming Bentley release
    1. New drainage design platform: SS4
    2. InRoads fully-integrated into MicroStation
- Committee members will provide ideas for Top 5 Focus Areas to enhance project delivery efficiency. The following were included to spur conversation:
  - Accessibility
  - Awareness
  - Clarity

- Flexibility
- Proficiency

#### **4. Action Items**

- GDOT Ditch Lining software guidance to consultants

#### **5. New business**

- Brent Story introduced the topic of USACE Section 408
  - GDOT must develop procedures to address Section 408 requirements which may include extensive hydraulics studies on GDOT projects that impact USACE dams, levees, etc,
    1. Process will most likely fall into the Right of Way Phase
    2. Minor or Major determination will be used to indicate whether a full hydraulic study is required or not
    3. Expect interim letter from GDOT next week outlining short-term and long-term measures to address requirements
  - USACE study review costs in the range of \$10,000
  - The following was taken from the USACE website following the subcommittee meeting, and is provided herein for background information:

Section 14 of the Rivers and Harbors Act of 1899 and codified in 33 USC 408 (commonly referred to as “Section 408”) authorizes the Secretary of the Army, on the recommendation of the Chief of Engineers of the US Army Corps of Engineers (USACE), to grant permission for the alteration or occupation or use of a USACE civil works project if the Secretary determines that the activity will not be injurious to the public interest and will not impair the usefulness of the project.

On July 31, 2014 USACE issued Engineer Circular (EC) 1165-2-216, Policy and Procedural Guidance for Processing Requests to Alter U.S. Army Corps of Engineers Civil Works Projects Pursuant to 33 USC 408.

The purpose of this policy is to improve consistency in processing requests both geographically and across Civil Works project types, outline a process that is scalable to be commensurate with the anticipated impacts of an alteration, and provide those seeking alteration a clear understanding of information required by them in seeking alteration to a USACE project.

The EC provides the policies and procedural guidance for an overall review process that can be tailored to the scope, scale, and complexity of individual proposed alternations, and provides infrastructure specific considerations for dams, levees, floodwalls, flood risk management channels, and navigation projects.

Over the next two years, and in accordance with WRRDA 2014, USACE will be seeking ways to improve the Section 408 process and will issue a revised policy based on feedback and lessons learned.

EC 1165-2-216 can be found at [www.publications.usace.army.mil](http://www.publications.usace.army.mil) by searching under Engineer Circulars.

