



AMERICAN COUNCIL OF ENGINEERING COMPANIES OF GEORGIA

GPTQ CRC SUBCOMMITTEE

MEETING AGENDA

ROADWAY DESIGN POLICY

February 6, 2019 @ 10:30 am

One Georgia Center – GDOT – Room 402

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.

Attendees:

Frank Flanders, Co-chair – GDOT Design Policy
Brad Robinson, Co-chair - Wolverton
Kevin Ergle – Kimley Horn
Brad Cox – Clark Patterson Lee
Tyler Denning - Arcadis

Arwin Lopez – Pond
Matt Thompson - VHB
Shawn Reese – Gresham Smith
Eric Rickert - AECOM

1) Member Introductions

2) Frank provided GDOT Design Policy Updates:

DPM Chapter 12

- *Frank stated that the DPM should be revised soon to include Chapter 12, which the previous subcommittee developed. It was held up with GDOT's guidance on temporary drainage.*

Green Book

- *GDOT is working on comparing the new AASHTO Green book with the DPM. Overall, the Green Book has become more "relaxed" except for a few topics.*
- *The Superelevation gradient table has been updated in the Green Book. A DPM update has been drafted and will be issued shortly.*
- *Maximum Intersection skew is now 15 degrees from perpendicular versus 30*

Mash Compliance

- *The final implementation for MASH is occurring at the end of 2019. GDOT is revising several standards.*
- *Concrete Side Barriers are in the process of becoming standards.*
- *Portable barriers produced before Dec. 31, 2019 may continue through serviceable life.*
- *Type 7-RS is no longer an option. Type 2-S (with a toe and heel) should be used in place of 7-RS (i.e., where standalone side barrier is desired).*
- *Type 12A guardrail non-flared is currently the only one MASH approved ([W-Beam Terminal Policy Announcement, Latest MASH Implementation Update](#)).*
- *T-Beam transitions to bridge are being revised for MASH. The T-beam length is changing slightly (additional 6'-3"). TO be released late April.*
- *New special design detail for "short radius curved guardrail" is available upon request. Used for only less than 45 mph. 8-32' radius, for use when there is not adequate length for Type 12A and T-beam at bridge rail.*
- *Cable Barrier installed on slopes, T-Beam Guardrail and Crash Cushions are not currently MASH compliant. These standards may be revised for Dec. 2019 implementation date*
- *Until release, all draft standards and details can be obtained from Holly Cross or Frank Flanders.*

LIBP Short Radius Guardrail

- *GDOT is allowing the use of a short radius (8'-32') guardrail on LIBP. May be used on approach ends and will provide some flexibility for remaining within ROW or other constraints. A design variance will be required.*

ADA Requirements on Maintenance Projects

- *Maintenance projects are required to upgrade ADA ramps if non-compliant. They will not be required to upgrade adjacent sidewalk. Chapter 11 of DPM has been revised to clarify. (See [ADA Requirements](#) in DPM Ch. 11.1)*

3) The group discussed potential topics for future meetings

Open Roads

- *Frank clarified that GDOT will be moving to the Openroads Designer Connect version.*
- *GDOT is currently working through naming conventions, settings, work flows, workspace, etc.*
- *GDOT will not release plan sheet cells with new logo until Openroads rollout. Drawings/cells of new logo can be obtained from Frank if needed before next CADD-All*
- *Robinson asked if the subcommittee can review and give feedback on the Open Roads rollout before it is released.*
- *Will not be ready for our group to review until late summer 2019.*

Drainage Manual

- *Frank stated that the group could assist with revisions to the Drainage Manual.*
- *GDOT would like to clarify which design parameters should and should not be a design criterion and require a design variance if not followed.*
- *Also review GDOT's temporary drainage memo.*

3D Modeling

- *Robinson asked about the groups experience and understanding of the 3D Modeling Best Practices.*
- *It is the intent that designers should already be using modeling appropriately to export surfaces with minimal effort and clean up required.*
- *Future task orders will include modeling during final plans.*
- *The group agreed that this may not warrant a discussion. (After the meeting, Jonathan Langley mentioned that he would like to discuss further in a future meeting.)*

GDOT Updates

- *Cox asked if it would be possible for GDOT to release their revised standards at set intervals so that the industry would anticipate and know when new manuals are updated. The group will discuss further.*

Design Guidance for Roundabouts

- *The group believes additional guidance could be provided including speed reduction, lane, shoulder and median widths, etc. The group will discuss further.*

Sight Distance

- *The group would also like more guidance on what GDOT wants to see and standardization for the presentation of ISD triangles and profiles.*