

Meeting Minutes

GPTQ Bridge Sub-committee Meeting

February 6, 2019 ♦ 10:00 am– 12:00 pm ♦ GDOT Bridge Office

Attendance:

Bill DuVall - GDOT Bridge (GDOT Co-Chairman)
George Manning - Michael Baker International (Co-Chairman)
Steve Gaston – GDOT Bridge
Greg Grant – RS&H
Tom Tran – Gresham Smith Partners
Masood Shabazaz – Heath & Lineback Engineers
Joshua Orton – CDM Smith
David Stricklin – Kimley – Horn

Meeting started at about 10 AM

Items Discussed:

1. Review of Meeting Minutes from December.
2. CONSPAN Taskforce:
 - a. GDOT Bridge is applying final edits to manual.
3. RCPier Taskforce:
 - a. Manual is complete and waiting for submittal to GDOT Design Policy for editing. Manual will be submitted concurrently with CONSPAN manual.
4. ABC Matrix/Procedure:
 - a. Flowchart update (Greg Grant):
 - i. Intent of flowchart is to provide an initial screening to determine if ABC is appropriate (Yes, No, Possible – Move onto Matrix)
 - ii. Questions generated.
 - iii. Additional items will be added
 - b. Matrix Update:
 - i. Minnesota DOT (Tom Tran)
 1. Procedure reviewed and discussed.
 2. Appears to be a good example for moving forward.
 3. Preference would be to avoid a “Hard” score but to generate a list of questions/responses that would lead to better understanding of applicability of ABC.
 - c. ABC analysis would be conducted during preliminary plans process and would be incorporated onto preliminary plans if appropriate under “Bridge Consists Of”.
 - d. ABC taskforce creation tabled until next meeting. Flowchart and Matrix will be developed and discussed at next meeting.

5. Full Height Edge Beams with 1" preformed joint fillers beneath beams:
 - a. Issues with contractors not adding foam filler around bearing pads.
 - b. DOT concerned about bearing pad inspections.
 - c.
6. Intermediate Bent Cantilever Cap Design for Future Widening:
 - a. Additional design for future widening would be cost effective as opposed as retrofitting existing caps.
7. PCI Bridge Seminar – Atlanta Update:
 - a. Tentative date is October 3, 2019.
 - b. Format and content similar to last Seminar.
 - c. Potential Steel Design Seminar in the future.
8. End wall Reinforcement Detailing:
 - a. Lap 900 bars behind beam using a compression lap.
9. New Pavement Rest Width:
10. Bridge Manual Update:
 - a. Next Bridge Manual Update will be in April/May.
 - b. Additional update in the summer/spring will address LRFD 8th Edition.

Action Items:

1. ABC Flowchart: Create a preliminary master flow chart that encompasses a broad range of topics and questions. Further refinement can be conducted from the master list. Complete prior to next meeting.
 - a. Greg Grant
 - b. Masood Shabazaz
 - c. David Stricklin
2. ABC Matrix: Assemble documentation from other states regarding ABC decision matrix. Compile questions from multiple existing sources and compile a master database. Further refinement will be made to weed out redundant items. Complete prior to next meeting.
 - a. George Manning
 - b. Tom Tran
3. Final Bridge Plan Training: Compile list of common errors on bridge plans with the goal of creating a training class in the future to educate the engineering community.
 - a. Bridge committee members sent common items to Masood Shabazaz by 04/26/19.
 - b. Masood to compile list and send to Steve Gaston by 05/0/19.

Meeting ended at about 12 PM

Next Meeting – May 29, 2019 at 10 AM