

AGENDA

GPTQ Bridge Sub-committee Meeting Minutes

December 6, 2017 ♦ 10:00 am– 12:00 pm ♦ GDOT Bridge Office

Committee Members

- | | |
|---|---|
| <input checked="" type="checkbox"/> Bill DuVall - GDOT (GDOT Co-Chairman) | <input checked="" type="checkbox"/> Mashood Shabazzaz- Heath & Lineback |
| <input checked="" type="checkbox"/> Greg Grant – RS&H (Co-Chairman) | <input checked="" type="checkbox"/> Jim Aiken-Clough Harbour & Associates |
| <input checked="" type="checkbox"/> Steve Gaston-GDOT | <input checked="" type="checkbox"/> Barry Brown-Moreland Altobelli |
| <input checked="" type="checkbox"/> Tom Tran-Gresham Smith Partners | <input checked="" type="checkbox"/> George Manning-Michael Baker |

Opening

Task Force Updates

CONSPAN Task Force– Jin Liu, RS&H (Lead)

- Met in August
- Working continues on the report. Kevin is writing the draft.
- More than half of the report has been written. It is expected to be finished in a month or two
- Our next meeting is scheduled on Dec 13th this month (next Wednesday).

RCPIER Task Force – George Manning, Michael Baker (Lead)

- Draft of manual prepared, under review
- Looking at seismic and lateral forces

Florida I beams:

Design builds are using these beams
GDOT will try a few in house designs.

- Using CONSPAN; update GDOT Mathcad Program
- Deboned designs (will also be considered for AASHTO Beams)
- FIB pay item created
- 316 over 53; letting

Overhangs-

- Barry got input from contractors; most wanted 3 feet
- Bigger beams could go wider
- Not comfortable with over 3 feet.
- Type I/ Shorter beams need smaller overhangs.
 - This would mean most overhangs less than 4'-7" max, except for type I mods- roll over still an issue. Limit this overhang to something smaller.
 - Typical bridge is 43.25' ; 9 ft spacing – 3'-7 ½" OH
- Screed weights-
- Notes for use of steel diaph will incorporate some guidance
- No need to discuss further- will not introduce screed weight at this time.

Other Items discussed:

Temporary Strands – has come up on a project, temporary shielded stands. For lifting/ transport.

- What impact if any ?
- Define issue in the manual.
- Debonding sleeves? Duct tape?

Work Bridge

- Upstream downstream location- Manual is silent. Prefer downstream

Max beam spacing – not yet updated in manual

Work bridge foundations – not yet updated in manual

MSE Wall Thickness – not yet updated in manual

Anticipated Temporary Access Construction Method Forms

- A3M process may incorporate
- OES/ Bridge coordination
- Reuse of structures

Steel Diaphragms- In progress

Seismic Bridge

- Draft report is under review by GDOT end of Dec.
- In progress/ Under development

Bridge Manual Updates from October have been Posted

- Accelerated Bridge Construction
- Has to be done
- PDP is being updated to include a step.
- Guidance in the manual is needed.
- Concept report template need updated.
- Task for 2018 Committee
- Techniques, materials, incentives,
- Define ABC tiers etc.
- Feb Meeting start to prioritize the ABC program

Bridge Quality Scoring Sheet-

- Steve is applying internally
- Scoring Plans from consultants,
- Design phase now, but space for post construction issues.
- Goal is 85% or better
 - Will be used to evaluate consultants

Next meeting is Feb 7, 2018