

**Meeting Minutes**  
**SCDOT/ACEC/AGC Alternative Delivery Sub-Committee Meeting**  
**1/17/2024 @ 9:30 AM**

**I. Welcome/Introductions**

**Meeting Attendees**

SCDOT	ACEC	AGC
<ul style="list-style-type: none"> <li>• Jae Mattox</li> <li>• Maddy Barbian</li> <li>• Carolyn Fisher</li> <li>• Michael Pitts</li> <li>• John Caver</li> </ul>	<ul style="list-style-type: none"> <li>• Andrew Smith (HDR)</li> <li>• Hisham Abdelaziz (CTEA)</li> <li>• Matt Lifsey (NS)</li> <li>• Michael Ulmer (ESP)</li> </ul>	<ul style="list-style-type: none"> <li>• Chris Boyd (Crowder)</li> <li>• Jim Seybert (Reeves)</li> <li>• Richard Kirkman (Superior)</li> </ul>

**II. Program and Project Updates**

**General**

- Austin Purgason – New OAD Assistant PM
- OAD Vacancies: Design Manager, Construction Alternative Delivery Engineer, Low Country Corridor Project Director

**In Construction**

- Carolina Crossroads Phases 1 & 2 – Under Construction (United Archer Western JV)
- Closed and Load Restricted Bridges 2021-1 – District 4 with eight bridges. Project in construction (Reeves)
- US 301 over Four-Hole Swamp – Under Construction (Crowder)
- Bridge Package 14 – Project in construction (Lee)
- Bridge Package 15 – Project in construction (ES Wagner)
- I-20 over Wateree River and Overflow Bridges – Project in construction (Lane)
- Bridge Package 16 – Project in construction (Palmetto)
- US 1 over I-20 - Project in construction (Superior)
- I-26/I-95 Interchange Improvements – Pending contract execution (Archer Western)
- US 17A/21 over CSX Emergency Bridge Replacement – Project in construction (Crowder)

**In Procurement**

- Bridge Package 20 – RFQ released July 6, 2023
- Bridge Package 17 – RFQ released October 5, 2023

- I-77 Exit 26 Interchange & Connecting Roads (Associated with the proposed Scout Motors plant). RFP Industry Review released January 12<sup>th</sup>, June 2024 Award. <http://i77exit26.com/>
  - NS Railroad Bridge will be a separate bid-build project to meet RR schedule. Anticipated June 2024 letting. Needs to be in place by end of June 2025 in order for railroad to build their yard on the Scout site.
- I-85 at I-385 Wall Improvements RFQ released December 14<sup>th</sup>.

#### 2024

- Carolina Crossroads Phase 3 – Postponed. Anticipate Q1 2024 new 3B phase advertisement. Goals: Minimize our exposure to utility risk, minimize our exposure to differing site conditions (hard rock & utilities), and maintain momentum. Moving forward with 3C too, running procurements consecutively. 3A Design-Bid-Build (pushing out frontage roads & relocating utilities). Original completion for all phases late 2030, pushing out a few years (2034).
- Anticipate Q2 - Bridge Package 18 (2 bridges in Horry)
- Anticipate Q4 - Bridge Package 19, (broken into 2 packages with a new Package 21)
  - Procurement dates forthcoming on OAD website
- Anticipate Q1 (pending receipt of grant funding) - I-95 over Santee (Lake Marion) bridge replacement. DB prep work is underway.

#### 2025 and beyond

- Long Point Road/Wando Port Interchange, Procurement is anticipated to begin in 2025 (TBD), no firm RFQ date has been decided; details forthcoming.
- Bridge Package 21 (New- Package 19 will be broken up into two packages)
- Mark Clark Extension – Pursuing Final EIS and related documentation/permits. RFQ anticipated in 2025+. Currently seeking matching funds from SIB/JBRC, ROW phase matched.
- Low Country Corridor East – Currently in project development and NEPA. Procurement timeframe TBD. Public involvement meetings held in October 2021.
  - EJ mitigation for the next five years until procurement in 2028.
- I-95 Over Great Pee Dee River bridge replacement. Received planning grant (~\$700k). Professional Services contract awarded to CDM Smith to execute PEL study.
  - Potential for overflow bridge replacement, as well.
  - Decision on scope of work is dependent on results of the PEL study.
- Low Country Corridor West and I-26/I-526 Interchange – EJ mitigation in 2023, first phase RFQ in 2028.
  - Five phases are currently being evaluated for project delivery type.
- I-85 @ US 178 (Buc-ee's)
  - Public Meeting was held 3/21/23
  - Funding by Anderson County, construction not currently funded

- Note: Additional project information has been posted to the website: [SCDOT Design-Build Overview](#).

### Other Design-Build Projects (Not SCDOT)

- Charleston County – Main Road (in procurement)
- Laurens County – Bridge Package (in procurement)
- Dorchester County – Bridge Package (in procurement)
  - Potentially Awarding 2 of the 4
- City of Charleston – Pedestrian Bridge (in construction)
  - Contract executed (Superior/JMT)

### III. Action Items from 11/15/2023 Meeting SCDOT

- **SCDOT/ACEC/AGC** to continue ongoing discussion for potential new RFQ language suggestions and/or scoring techniques for SOQ evaluations with stakeholders.
  - ACEC asked about the fixed price of the I-77 Exit 26 & how that will apply to future procurements. OAD will continue to evaluate fixed price in the future in projects with those restraints. Much greater emphasis on schedule in this procurement.
  - AGC – are schedule delays we are seeing from contractors high level schedule or are they from delays caused by outside parties/out of control situations?
  - OAD has a research project going for change orders, evaluating cost & time. For example, past time extensions granted to projects & why they were granted.
  - AGC suggestion to eliminate revenue loading from your schedule. Model with cash flow curve separately. Utilizing SVI.
  - OAD requests & emphasizes the importance of feedback on contract times during industry review of RFPs.
  - AGC thinks Tech Proposal CPM schedules set up for failure when the schedules are so rushed. More time in between technical proposal submittals & the CPMs are due to give contractors time to digest the plans & get a more refined schedule.
  - Other states are experiencing similar problems with no real solution.
- **ACEC/AGC** to poll and involve members in order to look for examples across industry in order to establish positive potential adoption of PDB, CM/GC, and other methods.
- **SCDOT** will review any internal changes to be made to help assist in the ongoing issues of whose responsibility the oversight of the utility relocation is (DOT vs. Contractor).
- **SCDOT/AGC/ACEC** review of RFP requirements for additions needed to include to resolve future MOT issues.
- **SCDOT/AGC** to set up a working group to come up with a solution/ideas for Erosion Control Unit Pricing. **SCDOT** will come up with our point of view & schedule a meeting.

- AGC submitted unit price items. Small AGC/SCDOT meeting upcoming to discuss our path forward. (Potentially January 2024)
- **AGC/ACEC** to continue to review contract insurance requirements & provide feedback.
  - Carolyn Fisher is taking lead internally on researching options for contractor's insurance.
  - Joint Ventures tend to drive project specific insurance with high price tags.
  - Smaller projects are not the problem, more so the larger projects.
  - Project specific liability insurance for design firms are very high in the larger projects.
  - OAD working with legal department to determine amounts & comfort level at setting requirements in the future. **Requesting feedback from AGC/ACEC on insurance costs in different contract price ranges. (ACTION ITEM)** Memo will be forthcoming.
- **ACEC** Transportation committee will review letter for design-build prep teams being utilized for ATC reviews.
  - ACEC internal comment back in early February

**IV. Agreement Consistency SCDOT**

- It is OAD's intent to limit the project specific requirements in the Agreement and utilize Agreement Exhibits for this purpose.

**V. Stipends on Emergency Projects**

- AGC/AGEC asked OAD to consider the use of stipends on Emergency Projects
  - \$30-50k design costs is Cost is falling on the contractors
  - Senior design staff is more likely to be working on emergency projects due to project schedule

**VI. Labor & Material Availability AGC/ACEC**

- AGC states materials acquisition is slower than historical data but there has been some improvement since 2020.
- Speed of procurement has improved, but prices have not come back down. Steel price is currently increasing.
- Will continue discussion in future meetings & keep an eye on the market

**VII. Open Discussion ALL**

- Q&A session in the RFQ (VDOT does this) where DOT would do a preliminary review of SOQ & then Proposer is given an opportunity to clarify before scoring. **AGC to send VDOT language to SCDOT. (ACTION ITEM)**
- Coordination between adjacent design-build projects. OAD works diligently to avoid shared project areas.

- VDOT has a lane closure system where conflicting lane closure restrictions are flagged & contractors are notified.
- Flat slab versus poured slab box beams.
  - SCDOT views them as unreliable on higher ADT roadways, OAD is pushing for a higher ADT allowable. Test bridges are being monitored currently.
  - Support is developing box beam standards currently for 90' & 100' to expand standards.
  - Support is updating the low volume bridge criteria.
- OpenRoads being utilized for design.
  - Cautioned that it doesn't work with OpenGround.
  - ACEC has a task force for OpenRoads.
  - SCDOT workspace for OpenBridge being developed.
  - Ask other states how the transition to OpenRoads is going?
- Complex Bridge Independent Peer Review
  - OAD still looking for feedback to improve the process after going through first procurement (I-25/I-95).
  - Change in I-77 Interchange 26 RFP clarifies work history/experience.
- Construction contract revisions
  - OAD is currently having internal discussions & revising Exhibit 5 to clarify the CR process & streamline. Will update Subcommittee on revisions.
- Construction contract changes & how they are tracked
  - E-Builder is used by City of Charlotte to track RFIs & keep an updated contract.

#### VIII. Action Items

- **SCDOT/ACEC/AGC** to continue ongoing discussion for potential new RFQ language suggestions and/or scoring techniques for SOQ evaluations with stakeholders.
- **ACEC/AGC** to poll and involve members in order to look for examples across industry in order to establish positive potential adoption of PDB, CM/GC, and other methods.
- **SCDOT** will review any internal changes to be made to help assist in the ongoing issues of whose responsibility the oversight of the utility relocation is (DOT vs. Contractor).
- **SCDOT/AGC** to set up a working group to come up with a solution/ideas for Erosion Control Unit Pricing.
- **AGC/ACEC** to provide more feedback on contract insurance cost & **SCDOT** to continue research & path forward.
- **ACEC** Transportation committee will review letter for design-build prep teams being utilized for ATC reviews.
- **AGC** to send SCDOT VDOT's language on their RFQ process with a Q&A session.

#### IX. Next Meeting Date: 3/20/2024 @ 9:30 AM