

#### ACEC-SC TRANSPORTATION COMMITTEE

Meeting Agenda
Thursday, August 4, 2022
Palmetto Club
1231 Sumter Street Columbia, SC 29201

1. Call to Order Jeff Mulliken, PhD, PE Welcome/Mission Jeff Mulliken, PhD, PE (without objection) Approval of Minutes ΑII Partnering Committee Members Review of Partnering Committee Meeting on May 12, 2022 Partnering Committee Meeting Agenda Items ΑII 5. **Transportation Executives Committee** Adam B. Jones 7. Standing Committee Reports Committee Co-Chair(s) Mid-Level Designers Group Right of Way Construction Engineering & Utilities Inspections (CE&I) Bridge Design Joint Design Build Survey/SUE Environmental Geotechnical Traffic **Professional Services** Road Design Bentley Open Roads Hydraulic Design ACEC-SC Ex. Dir. Report -Adam B. Jones **Emily Swearingen** 9. ACEC-SC/SCDOT Annual Meeting Melvin C. Williams 10. ACEC National Transportation Update 11. Future Meetings **Transportation Committee Meetings:** 

October 27, 2022 (Elections)
 Partnering Committee Meetings: (Members Only)

ACEC-SC /SCDOT Annual Meeting: December 14, 2022

August 25, 2022 November 10, 2022

12. Other Business

13. Adjourn

# ACEC-SC Transportation Committee Meeting February 10, 2022 Zoom

<u>Call to Order:</u> The Meeting was called to order at 2:00 PM. Transportation Committee Chair Jeff Mulliken welcomed attendees. Mulliken then provided an update on the mission of the Transportation Committee. Mulliken discussed that we represent ACEC South Carolina and not individual companies we are serving. Mulliken spoke of ACEC-SC's efforts to raise its profile with the Executive Branch and the Legislature.

Approval of Minutes: The meeting minutes from October were passed without objection.

<u>Review of Partnering Committee Minutes:</u> Mulliken gave a brief overview of the past partnering committee meeting. Jeff went over the project pipeline and two-year bridge list. There was discussion on the on-call contracts.

There is a change in the leadership of the Mid Level Designers Group. This year, Sara Lelli, Parrish & Partners, and Jessica Johns, Mead & Hunt will be co-chairs.

<u>Partnering Committee Meeting Agenda Items:</u> The committee gave the following possible agenda items:

- Delays in Payments
- Timeliness of Contracts
- o It seems conflicting comments have been getting better
- Increase in costs, how is SCDOT adjusting their estimating?

#### Transportation Executives Committee: Executive Director Adam B. Jones reported:

- The first meeting will be on March 7
- It will be primarily a listening session to layout expectations
- The committee's charge will be looking at higher-level issues like Advocacy; SC Design Costs are higher than other states, more to come on this.
- Nuts and Bolts will stay with Partnering Committee.

#### **Subcommittee Updates:**

<u>Mid-Level Designers Group</u> - Looking for suggestions, looking to have the next meeting in about a month. Virtual Meeting for the next one. Recognized Philip and David Russell.

CE&I - No Update

<u>Environmental</u> – no update

<u>Traffic</u> – last meeting was canceled, so no update

<u>Roadway</u> – Bentley is developing workspace; August is looking at pilot projects, SCDOT is working on a workspace for Autodesk, wants to provide a yearly update to RDM, SCDOT is developing a Design Exception Policy, February 2 CFR will allow 3R projects on interstates. We will likely formally update the 2018 Greenbook, looking to make the RDM supplemental to GreenBook, and still looking for a contract for plan reviews. The next Meeting is Scheduled for April 21; submit topics to Chris.

Hydraulic Design - No update

#### Bridge - no update

<u>Geotechnical</u> – Michael Ulmer provided the update. Meet with RPG, Support, and Alternative Delivery once a quarter. New GDM should be published early this year. More collaboration will be needed between structural and Geotech engineers. There is a draft version of the chapters for the new GDM.

#### Survey/SUE -

The committee has not met; Robert Garrett is on ASCE, and current SUE standards are 20 years old, but some updates are being considered. There is an ASCE-75 Companion Standard, a risk standard for the accuracy of the utilities. Survey Manual will likely be finalized in mid-2022.

#### Right of Way – No Update

<u>Joint Design-Build</u> – Walker – 1/7/2021 – Joint meeting 1/19/2021 – New Department will lead Alternative Delivery, Jay will be Preconstruction Alternative Delivery, vacancy on alternative construction delivery.

I-20 over Wateree will be spring/summer

Four hole Swamp - DB Prep internal - RFQ later this year

CCR - Phase 3 - Summer 2023

Closed and Load Restricted - Sloan was low

i-26/I-526 prep will go through on-call

I-95/ over Lake Marion – Prep work through DB On-Call

Chris plans to award contracts to all six teams

Long Point Rd interchange improvement – 23/24 procurement – CDM is doing the Prep Work

Mark Clark 2023

Low Country Corridor West – In Development – Procurement 2027

Low Country Corridor East – coming after west

One hundred eighty bridges presented to the commission will be bundled into 4 to 6 bridges by County or District, emergency/load restricted first, and larger bridges separately. Quarterly load-restricted bridges will be put out quarterly.

We asked consultants for input on DBE, stipend, and language from other States.

Discussion Progressive DB in SC, SCDOT is interested in an opportunity.

Industry Forum is looking to hold in North Charleston, and SCDOT is looking into it.

# **Executive Directors Report:** Executive Director Adam B. Jones Reported:

Legislative Report

- IIJA
  - RECAP of Nationwide dollars committed:



- o Implementation of the IIJA continues
- More details are released regularly.
  - Competitive Infrastructure Funding Opportunities for Local Governments (also in the packet)
  - 60 Days implementation of IIJA Report from Whitehouse
  - ACEC updates its IIJA Resource Page Regularly
- SC Legislature seems to be in favor of budgeting for the matching funds for SCDOT to take full advantage of the money
  - SCDOT is prepared for the money
  - SCDOT has concerns about the 12/16/2021 Memorandum "Policy on Using Bipartisan Infrastructure Law Resources to Build a Better America."
  - SCDOT believes this Memorandum "Will result in unintentional and erroneous application of the IIJA."
  - SCDOT says, "Poorly designed or misused guidance documents can impose significantly costs or limit the freedom of the public."
  - The memo is inconsistent with the law as intended by congress
- I have reached out to other ACEC MOs in the SE to see if they're hearing similar concerns.

#### PPP Fix

- ACEC National continues to look for a legislative fix
  - Senator Braun (R) & Senator Duckworth (D) have sponsored an amendment to the appropriations bill
- Met with Senator Scott's Staff on 1/27/2022
  - Scott sits on the Senate Small Business Committee, where we are trying to get support for a legislative fix
  - Scott's aid asked if we had spoken with Graham's camp.
    - We had Senator Graham's support in 2021
    - Scheduling a meeting with him now
  - Sent Scott's staff info from the National

#### ARPA Funds

- Movement on how to spend these funds on infrastructure
- Governor McMaster's recommendations:
  - \$1.2 Billion to SCDOT
  - \$500 Million to Water
- Senate Recommendations:
  - \$453 Million for Transportation infrastructure acceleration
  - \$900 Million for Water & Waste Water
- House has not come up with amounts yet
- o Rural Infrastructure Authority presented them and stated their needs are \$1.8 Billion

- When given funds the distribution would be 60% for large systems (population > 30,000)
   and 40% for smaller systems (population < 30,000)</li>
- Breakdown of funds if received:
  - \$425-750 Million in Infrastructure Grants (\$10 Million/grant)
  - \$50-80 Million in Regional Solution Grants (\$10 million/grant)
  - \$10-20 Million in Planning grants (\$1 Million/grant)
- They're encouraging them to use local matches
- The expectation is the House will recommend between \$800 & \$900 Million for Water & Wastewater
- ACEC-SC Hosted an Event with Governor McMaster & Lt. Governor Evette
  - Great event
  - Talked about infrastructure priorities
  - Hope to grow the relationship with the Executive Branch
- Tracked Legislation
  - ACEC-SC is tracking 80 pieces of legislation
  - O New bill: H.3892 "TO AMEND THE CODE OF LAWS OF SOUTH CAROLINA, 1976, BY ADDING SECTIONS 44-96-295 AND 48-20-45 to PROHIBIT THE DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL FROM ISSUING ANY PERMIT FOR THE CONSTRUCTION OF A SOLID WASTE MANAGEMENT FACILITY OR FOR MINING ACTIVITIES, RESPECTIVELY, IF LOCATED WITHIN A CERTAIN PROXIMITY TO A PUBLIC PARK OR OTHER PUBLIC NATURAL AREA."
    - This bill now only applies to mining activities
    - This may hurt the ability to get materials for various projects
    - Coalition forming to discuss how to approach it
      - ACEC-SC
      - CarolinasAGC
      - SCFOR
      - SC Asphalt Pavement Association
      - SC Aggregates
    - Introduced in the Senate Tuesday

#### **Transportation Executives Committee**

- ACEC-SC Members met on 2/7/2022
- ACEC-SC & SCDOT meeting 3/7/2022

#### **Engineering Excellence Awards Gala**

o Moved to April

# **SC Engineering Conference & Trade Show**

- 2022 Registration is open
- Need speakers

Respectfully submitted by: Emily Swearingen, PE (AECOM) ACEC-SC Transportation Committee Vice Chair

# ACEC Transportation Committee Meeting May 12, 2022

#### Michael Baker International, Columbia SC

**Call to Order:** The Meeting was Called to order at 2:03 PM.

**Approval of Minutes**: The Minutes will be sent after the meeting to be approved, via email.

**Review of Partnering Committee Meeting:** Partnering meeting minutes were in packet sent out, but Chair Mulliken gave a brief overview of the meeting. He specifically discussed:

- Discussed updates on SCDOT website for tentative list
- Progressive Design Build is being discussed
- Discussed the formation of the Transportation Executives Committee
- Looking to remove RFQ score from the RFP Phase
- Industry Meeting minutes are on the website
- Discussed debriefs and posting of scores it was an administrative nightmare to redact firm names (there was an E vote on this)
- Using LNTP's more often want subs to be clear on payment terms
- 10 year plan approvals by the commission

Partnering Committee Meeting Agenda Items: Chair Mulliken asked the group if there are other items that need to be addressed at the upcoming Partnering Committee Meeting. A member suggested asking about the design community being paid more due to inflation since Contractors are having fees adjusted. Jones clarified that only material costs increased, and they are not paying more for labor. SCDOT is intending this additional money is only for materials.

LNTP's and negotiations continue to be a challenge. It was suggested that the SCDOT release payment on LNTP if the assumption for the time it takes to get under contract.

**Transportation Executives Committee Update:** Executive Director Adam B. Jones reported the TEC committee have met once with SCDOT and twice internally. Berry Still (Mead & Hunt) has been elected Chair of the TEC.

ACEC Board has received the charter for the TEC. The TEC Minutes will be shared with Transportation Committee. ACEC-SC wants to be transparent and share as much information as possible. With TEC formation, the Deputy Secretaries are not expected to attend the Partnering Committee meeting in the future.

## **Standing Committee Reports:**

**Professional Services** 

- Minutes for the professional services subcommittee are in the packet.
- NO grant writing on-call will go through other on-calls.
- Debriefs online
- Standard invoice procedure underway
- Continuing to work with Clemson on standardizing scopes

- Discussed what other states are doing, they are considering how GA does letter of interest
- Discussed bundling advertisements, but FHWA won't allow it.
- Lots of discussion on Fixed Fee with average overhead and a spreadsheet that SCDOT has for invoicing.

## Mid-Level Designer:

• Next meeting is scheduled for June on Public Involvement

#### CEI Update:

No update but it is in the packet

#### Alternative Delivery:

- Provided general update of what was in the minutes
- Changing the name to Alternative Delivery
- More detail on each project in the minutes
- Review the action items in the minutes.
- New RFP template coming in the next years.
- Looking at DBE commitment for professional services
- Letter of Interest abbreviated submittal is being considered

#### **Environmental:**

Did not meet this time.

#### Traffic:

- Provided general update of what was in the minutes
- Met May 5
- Discussed new
- SCDOT is going to Synchro 11
- New Specifications at FHWA
- SCDOT does not have base parameters on Transmodeler, they generally think NCDOT standards are okay.
- Standard invoice procedure underway
- SCDOT is taking a wait and see standpoint on connected vehicles, they know they have limited resources however if funding sources become available, they may consider in future

#### Roadway:

- Provided general update of what was in the minutes
- SCDOT is looking to remove super elevation tables from the Road Design Manual
- SCDOT is also working on design exception document/manual.
- SCDOT has not met with SCDOT on 3r criteria for rehab on interstates

• I-26 south of Columbia independent review – roadway, traffic, etc. not sure if it will be through an existing on-call or its own solicitation

#### Hydro:

- Provided general update of what was in the minutes
- Construction general permit is being updated.
- Safety projects will not be requiring permits if less than 5 acres
- Hydraulic Design Support has released a BMP template
- SCDOT is looking to incorporate resiliency and sea level rise

# Right of Way:

No Update

#### **Utilities:**

- Provided general update of what was in the minutes
- Discussed departures in the Utility Office
- Openroads workspace for SUE and Utilities
- Utility Scheduling to be used PM's to help give the utilities enough time for the deliverables
- Discuss how the utility on-call can be better used
- Discussed that SCDOT generally seems favorable to the utility bill

#### Bridge:

- Provided general update of what was in the minutes
- Met April 5<sup>th</sup>
- Discussed design and seismic memos
- Discussed if Load Rating's should be put in RFC plans
- Discussed updates to Section 14.8.4. Discussed how to mitigate excessive Geotech costs
- Looking at PCI one day course in the fall, there may also be a PCI spreadsheet in the future

#### Survey:

No update

#### Geotech

- Provided general update of what was in the minutes
- GDM 2022 is out and ready to be used.
- If you are past preliminary plans stay in current version others use new version
- Foreseeable future ignore bridge and use piles, in the future you will use bridge in the analysis
- Use checklist and is being updated to match new GDM

#### **Executive Director Report:**

Legislative Report

- Today is the last day of legislative session per "Sine Die Resolution"
  - Anything not listed in Sine Die Resolution is dead for the year...
  - Coming back on June 15, 2022 to work on budget
- IIJA Funding
  - o ACEC-SC has advocated for \$200 Million annually in reoccurring funds to SCDOT.
  - Senate Finance Only allocated \$100 Million to SCDOT
  - House Ways & Means gave \$120 Million in recurring funds to match IIJA
  - W&M also allocated
    - \$176.5 Million Rural Interstate Funding
    - \$5 Million for Surface Transportation
    - \$250 Million CTC Acceleration
  - ACEC-SC & SCSPE sent a letter to Senate Finance & House W&M supporting this funding
- PPP
- We will be working with ACEC National to move the PPP Legislation forward during Congressional meetings.
  - ACEC National has asked MOs to ask their delegation to sign on to pieces of legislation fixing the PPP
- ARPA Funding
  - Passed On Its Way to Governor
  - What we're looking at:
    - SCDOT \$453,499,758
      - ✓ \$300,000,000 for I-26 mile marker 125 136 widening
      - ✓ I-26 mile marker 187 194 widening
      - ✓ Anything left to CCR
    - RIA \$900,000,000
    - OFFICE OF REGULATORY STAFF: \$400,000,000
    - DHEC \$104,400,0000
    - DEPARTMENT OF ADMIN: \$8,000,000
- Engineers & Surveyors Regulations
  - Has passed out of both House & Senate Committees
    - Both were placed on the calendar
      - ✓ Hope to pass this year
- S.2 (Breaking up of DHEC)
  - House amended bill.
    - Department of Admin will create a plan for a successful transition in separation.
      - ✓ Create Department of Health
      - ✓ Create a Department of Environment
        - o Put all water under the same department
    - Recommendation to General assembly by 1/15/2024
    - Department of Mental Health pulled out currently.
    - Bill died last night, by putting it on contested calendar
- SC Appropriations Bill (H. 5150 Budget)
  - Dependent on Senate/House SC Income Tax rebate
    - Lots of infighting in the Senate
      - √ I-73 funding

- House & Senate playing inside baseball
- Not sure when the budget will pass
  - Fear that it could end up in a continuing resolution
  - SCDOT has indicated they will be ok until the end of the calendar year, but after that, they will have to get creative
- House amended yesterday, back to house version.
  - \$120 Million Recurring
  - \$176.5 Million Rural Interstate Funding
  - \$5 Million for Surface Transportation
  - \$250 Million CTC Acceleration
- Going to Conference Committee
- S.984 (Local Governments ability to assess taxes and fees)
  - These fees can be used for roads
  - Passed late yesterday back to the senate amended
  - Going to Conference Committee
- SCDOT Meets with Senate Legislative Oversight Committee
  - Committee met with SCDOT April 5, 2022
    - Review of SCDOT
  - Secretary Hall gave overview of SCDOT since before she started as Secretary
    - Spoke about how they were able to make it through COVID-19
  - Main focuses:
    - 1. Implementation of Federal Funds (without federal overreach)
    - 2. Ramp up Programs
    - 3. Work zone Safety
    - 4. Workforce Development (Recruitment & Retention)
  - o Senator Campsen said this committee is the best opportunity for SCDOT to make recommendation to legislature for their needs.
- Most of the tracked legislation is dead for the year as of 5:00 Thursday, May 12, 2022

#### **ACEC-SC Golf Tournament**

- The first one rained out in over 30 years
  - o Rescheduled for July 11, 2022

#### **SC Engineering Conference**

- June 9-11, 2022
  - o North Charleston Embassy Suites & Conference Center
  - o Annual Meeting 6/9 at 10:00 AM
  - o Future Leaders Recognition 6/10/2022
  - PAC Pinewood Derby
- Need Speakers
- Registration is Open
- Sponsorship & Trade Show registration Open
- Hotel room cut off date May 25

#### **General Updates:**

Planning is starting for the ACEC/SCDOT annual meeting.

- Add an update to the Bentley Open Road implementation to the next transportation committee meeting
- ACEC Membership Meeting August 4 at the Palmetto Club and will do the Transportation Committee Meeting immediately following.
- Questions about SCDOT's 365 rule where asked
- Norfolk Southern is increasing vertical clearance to by ½ ft over there tracks and it is worth asking SCDOT what is their stance on this.

Respectfully Submitted by: Emily Swearingen (Vice Chair) AECOM



# ACEC-SC/SCDOT Partnering Committee Meeting May 26, 2022, at 10:00 AM SCDOT HQ

<u>Call to Order</u>: The meeting was called to order at 10:02 AM. The following were present: John Boylston, Roxanne Anchetta, Greg Davis, Jennifer Necker, Nick Pizzuti, Mike Barbee, Leah Quattlebaum, Darrin Player, Deputy Secretary Leland Colvin, Deputy Secretary Justin Powell, Deputy Secretary Brent Rewis, Secretary Christy Hall, Adam B. Jones, Emily Swearingen, Aaron Goldberg, Mitchell Metts, Raven Gambrell, Gina B. Norris, Stephen Ross, David Beaty, Daniel Atkinson, and Sara Lelli.

#### **Opening Remarks:**

- SCDOT Secretary of Transportation Christy Hall made a few opening remarks:
  - She thanked everyone for being successful in a collective manner and noted we are in a great place.
  - The legislature is looking like they might give SCDOT additional state funding for roads. They
    are discussing the current match and debating how much to give.
  - All the progress is proof of performance from the last few years.

#### **Approval of Previous Minutes:**

A motion was made to approve March 3, 2022, minutes by Emily Swearingen, seconded by Gina Bennett-Norris, and passed unanimously.

## **Project Pipeline - John Boylston:**

- SCDOT is looking at how we're going to attack I-26. Q3 is the next segment for I-26. They are looking for NEPA documents to phase this into two 10-mile segments.
- This time next year, we're looking at I-95 (same NEPA deal as mentioned above).
- o There are no on-call changes. The local government will be posting project-specific projects.
  - Specifically, there are project-specific bridges that we be published soon.

#### **IIJA Update – Justin Powell:**

- IIJA implementation is on-going.
- Most of the formula dollars have been handed down to SCDOT.
- There will be an increase from \$7 million to about \$100 billion over the term.
- There's money coming down for resiliency.
- We are looking at carbon reduction.
- Rob Bedenbaugh is the EV man.
- Memo from FHWA:
  - There was a tacit acknowledgment that SCDOT will be in control of the dollars. SCDOT will be monitoring their memorandums and will ensure no Federal overreach into the state dollars.
  - o There are waves of grant applications that have been in multitudes.
  - We are putting a heavy emphasis on bridges and interstates.

#### **Supply Chain Issues/Cost Escalation - Leland Colvin:**

- Rob Bedenbaugh has been working studiously on cost escalation.
- Paint thermoplastic, guardrail and fencing, cement, and traffic signals and overhead signs will be issued paybacks going back to July 1 of last year.

- There are three or four more categories that are being debated currently as to whether there will be paybacks.
- For the next wave, SCDOT is looking at local projects and examining the costs.
  - Local governments can make their own decisions.
  - Local governments should strongly consider paybacks estimations.
    - We are not looking to index items.
    - We are looking at putting into a force majeure clause as a mechanism to look back at previous contracts in the future.
    - Our plan is to not look at indexes moving forward.

#### **Regional Mobility Program Update - Brent Rewis:**

- \$100 million has been designated to NPOs & COGs.
- It has been rebranded to Regional Mobility Program.
- We have pilot projects on-going to be more data-driven moving forward.
- We are going to be focusing on corridors and then develop programs within the corridor to address issues with NPOs & COGs.

#### **Grant Policy Update - Roxanne Anchetta:**

- Roxanne is new as of December 17, 2021.
  - She handles IIJA discretionary grants.
  - She is working with local governments to help them pursue their own grants.
- SCDOT's grant strategy & coordination with local governments:
  - We are focusing on interstate and bridges grants.
  - MPGD grant submitted multimodal and infrastructure grant.
  - We are very interested in helping locals apply for grants in our system.
  - We would like to hear from local governments before grants are due.
  - They should independently seek and apply for the grants they want.
    - SCDOT is here to assist.
    - Local governments need to enter into grant agreements, self-manage projects, and bring projects to completion.
  - We are going to have a list of up to 10 firms to help local governments with grants.
    - This information will be coming out today or tomorrow.

#### • Questions:

- Will there be a requirement to go through the LPA certification process to manage or administer the money from the grant?
  - No, the local governments will be working directly with the federal government and the money.
  - FHWA knows the local governments will be the direct recipients of the grant money.
  - We are looking to the industry to assist local governments with the federal money.
- Is SCDOT outreaching to the local governments to inform them of this information?
  - Yes, there will be an article and have been lots of meeting. We have been providing all the contact information for the local governments.
- Christy Hall commented:
  - My biggest fear is they want to implement these grants by big trucking roads.
  - We would like to catch these before the grant money is given, but SCDOT has to catch the projects before implementation.

- We also want to help catch mis-calculated budgets so that the local governments can be successful.
- The on-call list is "providing a tool in a toolbox" to help the local governments make the most-informed decisions they can.
- Leland Colvin noted:
  - This is a huge concern for SCDOT.
  - o Have these local governments taken cost escalation into account as well?
  - We want to make sure these local governments are considering all aspects and details, especially with cost estimations.
  - The state SCDOT will not be able to help with overruns when the local governments underestimate the costs of their projects.
- On-calls will be the same method, but SCDOT will not be managing the list or the on-calls.
  - a. This is project management only.
  - b. "Substitute PM of helping the local governments know what boxes they have to check to make sure they are still compliant." Justin Powell
- Is there a budget limit for local governments?
  - a. Yes, \$25 million/year for 4 years for a total of \$100 million.
- This is QBS-based. Using the on-call helps with the reimbursement of those services because it's QBS-based.

#### **ACEC-SC Executive Director Remarks – Adam B. Jones:**

#### **Legislative Report**

- IIJA Funding:
  - ACEC-SC and SCSPE sent a letter to the Senate Finance & House Ways & Means supporting this funding.
  - ACEC National and the 52 ACEC Member Organizations across the US hosted its Consulting Congress Day Tuesday, May 24, 2022, meeting with all the Senators.
    - IIJA Implementation was discussed.
      - ✓ ACEC-SC Advocated for States rights for the IIJA dollars. ACEC-SC Discussed the December 16, 2021, Memorandum and explained the position SCDOT is in to roll projects out.
      - ✓ We spoke about the Workforce and Inflation.
        - ACEC and ACEC-SC Supports the FAR-based regulations that already govern engineering contracts and ensure that salaries and other expenses reflect current economic conditions.
        - We spoke about broadening the use of fixed-fee contracts and lump sum contracts.
          - ACEC-SC believes this helps with flexibility and addresses workforce needs to control costs.
      - ✓ ACEC advocated keeping One Federal Decision provisions.
      - ✓ Buy America Procedures:
        - ACEC supports efforts to strengthen domestic manufacturing but encourages flexibility to accommodate situations where certain materials or technologies are not available in the U.S.
      - ✓ ACEC-SC made it clear we oppose any suspension of the federal gas tax.
- PPP:
  - o ACEC-SC is still looking for a fix to the PPP/FAR Credits Clause issue.

- S.3711 (Senator Mike Braun R IN & Tammy Duckworth D-IL) was introduced.
- We also put it in S.4008, a COVID bill.
- Growing the Engineering Workforce:
  - o Analysis shows that the US will need 82,000 engineers and other professionals soon.
    - ACEC and the ACEC Member organizations are advocating for the passage of H4521 & S1260 (COMPETES Act & USICA), which invests in STEM Education.
    - ACEC and the ACEC Member organizations are advocating for an increase in the number of H1B Visas & Recapturing unused employment-based green cards.
- Engineers & Surveyors Regulations:
  - o It has passed out of both House and Senate Committees.

#### **ACEC-SC Golf Tournament:**

- This was the first one rained out in over 30 years.
  - We have it rescheduled for July 11, 2022.

#### **SC Engineering Conference:**

- It's June 9-11, 2022.
- It's at the North Charleston Embassy Suites & Conference Center.
- We will be hosting a PAC Pinewood Derby.
- The hotel room cutoff date is May 25.

#### Bentley Open Roads Committee - Rob Bedenbaugh:

- The Open Ground, Open Bridge, and Open Road pilots will launch around September.
- The Open Bridge workspace configuration started about two weeks ago.
  - Hydrology and drainage will start soon.
- We are still on track for September.

#### **Timeframe for Contracts - Emily Swearingen:**

- It's still pretty timely to get a contract signed and executed.
  - o Is there anything that is being considered to help shorten the timeline?
- Justin Powell responded:
  - We've worked over the past few years on shrinking the timeline. The timeline to negotiate has passed.
  - For the timeline from contract negotiation to contract execution, we are looking to go digital to help with the timeline.
  - SCDOT is willing to look at the number of signatures required, but there are lots of moving parts that need to look at the contract.
- Gina Bennett-Norris noted that, with LNTP, OLH is looking at employees who have gone almost 8 months without payment.

#### Payments to Consultants - Emily Swearingen:

- Limited notices to proceeds:
  - o Is there a way to get an interim payment?
- We would like to see limited notices to proceed limited.

#### **Lump Sum Contracting - Emily Swearingen:**

- Fixed Fee contracts might be more helpful to move things along.
- Christy Hall responded:
  - There was an audit that frowned upon lump sum contracting.

• We are not opposed to opening the door to lump sum contracting, but we are going to have to do our due diligence to say why this is a good idea.

#### **Standing Committee Reports:**

- Alternative Delivery Committee Jay Mattox
  - o They met on March 16 and May 18.
  - o There were no personnel changes on industry or SCDOT side.
  - o All this information is available on the website.
  - Current on-call expires 2023.
    - There is a new on-call awaiting signature.
    - It should be advertised later this month or mid-June.
  - Bridge Packages:
    - First Bridge Package (BP) 14 will advertise late June.
    - BP 15 will advertise in September.
    - BPs 16, 17, 18, 19 will release once a quarter starting next year.
      - ✓ BPs 16 & 17 are major projects, about \$35 million.
    - Wando Port Interchange Improvements will be Q3 2023.
    - Quality Credits for Added Value & Innovation:
      - ✓ We are looking to give more detail as to how SCDOT scores this.
      - ✓ We are giving more detail as to where SCDOT is willing to pay more for Added Value & Innovation.
    - We are looking to extend Post Award design timeline for increased design quality.
    - 50/50 Cost & Quality:
      - ✓ Technical Score (delta up to 50%) and scoring for Added Value & Innovation (between 20-25%)
    - Design Performance Evaluation:
      - ✓ Proof of performance is essential.
      - ✓ This increases accountability.
      - ✓ It has been noted that meeting with groups two times a year helps with accountability and quality.
    - Letter of Interest Bridge Package:
      - ✓ We have not landed on a solution yet.
      - ✓ We have tried to streamline the process.
      - ✓ We are going to create a template.
    - Expectations for Key Individuals:
      - ✓ We have gone back to RFQ language to manage expectations.
    - SOQ:
- ✓ We are moving to post award.
- ✓ You will no longer have to submit FOIA.
- ✓ You will be able to see scoring on the website.
- Procurement:
  - ✓ We are planning on adding a confidential one-on-one meeting where ideas can be exchanged post-industry review before the final RFP goes out.
- The next meeting is July 20, 2022.
- A few selections upcoming are coming off the new on-call list.
- Mid-Level Designers Group Sara Lelli:
  - Our next meeting is being planned, and we are aiming for July.

**Adjourn:** The meeting was adjourned at 11:22 PM.



# ACEC-SC Transportation Executives Committee Follow Up Meeting on Roundtable held at SC Engineering Conference June 30, 2022

Chair Berry Still (Mead & Hunt) called the meeting to order at 3:04 PM. A summary of the roundtable was given.

Chair Still went over his internal conversation with Deputy Secretary Colvin on meetings. He told them ACEC-SC wants to meet as often as CarolinasAGC. Colvin said they meet two, maybe three times a year. They generally have three to four topics to address. The Transportation Executives Committee will meet the same amount of times.

The committee discussed topics that were discussed at the roundtable. Diversity was a topic, but Jones said that ACEC-SC is working with the DBE team at SCDOT, so this is being handled in another way. The TEC then discussed which topics to take to SCDOT.

- Contracting continues to be the most important topic
  - To much time waiting on "ink signatures."
  - o Lumpsum
  - o LNTP
  - Payment

Ed Parrish (Parrish & Partners) stated if we identify an issue, we must give examples.

- Examples by varying firm sizes
- 3-4 items/year

#### The main topics are:

- Cost Escalation
  - o ACEC-SC must be proactive, not reactive, on this issue
- Procurement Practices
  - Contract time
  - Payment
  - o Time
  - Process
  - Types of procurement
    - Lump Sum should be on the table

Still said, Jones has an issue with legislation that should be on the table. Jones said they spoke against S.422, the Designers Fair Contracting Act (Duty to defend/indemnity legislation), at a commission meeting after the bill was introduced but would never discuss what their issue with the bill was. Jones said he does not need their support, but we need them out of the way.

Another issue that has come to ACEC-SC is the 365-day rule. Jones explained a former DOT employee who was terminated challenged the rule and was told it would not apply to him.

- It was suggested that this should be handled on its own with a meeting with SCDOT management
  - ACEC-SC President Jeff Mulliken (CarolinaTEA), TEC Chair Berry Still (Mead & Hunt), and Executive Director Adam B. Jones would have this meeting

- Have a conversation
  - ♦ We will let them know about the rumors and ask them how they are addressing the issue

The group agreed to move forward with the following issue to move forward with:

- Cost Escalation
- Procurement Process
- Designer Fair Contracting Act
- Ask SCDOT for additional topics.

Jones will contact SCDOT for the follow-up meeting with TEC and the meeting about the 365-day rule.

Respectfully Submitted by: Adam B. Jones Executive Director ACEC-SC





#### **Transportation Executives Committee**

Secretary of Transportation Christy Hall South Carolina Department of Transportation 955 Park Street Columbia, SC 29201

## Secretary Hall,

Thank you to you and your team for your dedication to the partnership between ACEC-SC and SCDOT. We think it would benefit the ACEC-SC/SCDOT Transportation Executives Committee if we laid out a blueprint of what we would like the committee to accomplish this year.

We have compiled a list of four topics through our earlier meetings with SCDOT Senior Staff, partnering committees and an ACEC-SC hosted CEO Roundtable with our membership. The following are the topics derived from those meetings that ACEC-SC believes can help set mutually benefitting business practices, and measurable outcomes, to enhance SCDOT's project delivery initiative. We propose to discuss these as a committee.

- 1. Contracting time and procurement process:
  - Streamlining this process will benefit both SCDOT and ACEC-SC.
    - o Some areas for review and improvement
      - Scope and cost development time frames can be improved especially for less complex generic projects
      - Decrease the time between final scope and fee negotiations and contract execution.
    - The use of lumpsum contracts could help with the procurement process
    - May want to consider prequalify firms or a more condensed 330s process such as one yearly submittal per firm
    - o Implementation of a two-step process in which firms are shortlisted prior to the RFP stage based on a much smaller RFQ submittal.

#### 2. Payment Processing

- ACEC-SC understands SCDOT is using Limited Notice to Proceed (LNTP)s —to
  expedite projects, but our firms cannot invoice LNTP amounts. This creates
  cash flow problems for our member firms, leading to subs resisting working
  under LNTPs. This is especially troublesome for small business firms that
  cannot afford to front the money. Since LNTPs are not to exceed we would like
  to discuss the ability to be paid to the amount authorized.
  - ACEC-SC would like to hear how we can assist SCDOT in processing invoices within a reasonable time frame to help alleviate stress on firms' cash flow, especially our smaller firm members
- 3. Cost Escalation and Consultant Pricing
  - What is a fair and reasonable CEI percentage of construction in a market that has seen a substantial increase in construction costs?
  - Consultant Design fees continue to climb as a percentage of program cost (especially bridges)
    - ACEC-SC would conduct a peer review among surrounding states to determine what is considered fair and reasonable in the current market

and present it to SCDOT. Right sizing scopes for smaller and less risky projects/programs may be a way to curb the escalation.

- 4. Designer Fair Contracting Act (S.422 during 124<sup>th</sup> SC General Assembly) ACEC-SC's Indemnity/Duty to Defend legislation
  - Often engineers, architects, and other design professionals are asked to sign contracts that require them to indemnify, hold harmless and defend an owner and unrelated third parties against claims for damages that are outside the scope of the engineer's work and control
    - Design firms have no problem indemnifying an owner for their negligence
      - SCDOT voiced concern about this bill in 2021 when it was introduced. ACEC-SC would like to know your concerns
      - ACEC-SC is not asking you to endorse the bill, but we would appreciate you not opposing it

Finally, ACEC-SC would like to ask for any topics SCDOT would like to discuss. We realize this committee is for the benefit of both the Department, the State, and the consulting community.

Sincerely,

Berry Still Chair

ACEC-SC Transportation Executives Committee

CC: Deputy Secretary Leland Colvin, Deputy Secretary Justin Powell, and Deputy Secretary Brent Rewis

#### Meeting Minutes - ACEC/SCDOT Professional Services Committee

Meeting #2022-Q3 July 20, 2022, 11:00 AM ET SCDOT – 955 Park Street, Room 400

#### Attendees:

Jennifer Necker – SCDOT – Co-chair
Matt Lifsey – ACEC – Co-chair
Nick Pizzuti – SCDOT
Darrin Player – SCDOT
John Boylston - SCDOT
Justin Powell – SCDOT
Paul Holt – ACEC
Eric Dickey – ACEC
Rick Reiff – ACEC

- Update on Professional Services upcoming outlook/tentative list and SCDOT plans for "New Money" – (changes since the April 19, 2022 meeting)
  - Professional Services Advertisements
    - New Bridge pursuit added to Tentative List, S-80 over Reedy River, RFP 10/2022
    - o I-26 MM145-165 RFP before end of the year
    - o Additional section of I-95 Widening MM8-21– RFP for Design mid-2023
    - o LCRT will be advertised soon. May be pushed up from Fall.
    - Into 2023, the trickle of bridges is expected to continue, combo of replacements and repairs
    - MPO/COGs getting infusion of funds, which could translate to more ads
  - Use of On-calls
    - No change in the Use of On-calls will be removed from future agendas
- GDOT 2-step Selection model
  - An example GDOT RFP was provided to SCDOT
  - SCDOT is underway with developing a two-step selection process for design pursuits, SCDOT proposing a pilot project for approval. More details to come later.
- Standard SCDOT Invoice Template update
  - A standard invoice template is currently a low priority for SCDOT. Will keep on future agendas as old Business.
  - Fixed Fee current invoicing model for Primes and Subs
    - SCDOT only interested how Fixed-Fee is paid to the prime. FF payments to the sub are between the prime and the sub.
    - The Carolina Bays contract is the current model for FF payments, and how FF is handled in the Fee Estimate spreadsheet.
- Update on Research Project on Standardized Scope Template
  - Pilot project status (previously scheduled for Summer 2022)

- Clemson still working on the programming, aiming for Fall 2022 to do a pilot project, will look for feedback from ACEC on this once consultants have received draft scopes from SCDOTs
- Long-Term: what are the scope revisions that are consistently being made, that need to made part of the standard scope.
- No plans for a research project on the fee template yet, but improvements need to be done.
- Cuff items mentioned by SCDOT
  - SCDOT Request: Can any on-call be consolidated (with similar scopes)? They are about one year out from readvertising on-calls.
  - Consultants need to confirm references. Don't put folks on from projects 10 years ago, or folks unfamiliar with the person and their work on a specific project.
- Establish dates for remaining 2022 meetings (Q4)
  - Q4 2022 meeting October 19, 2022, 11:00 am
    - Confirmed
  - 2023 meeting dates
    - to be determined later





#### ACEC Alternative Delivery Sub-Committee

Internal Meeting Minutes; July 15th 2022

Members:

Walker Roberts (TranSystems) Present

Aaron Goldberg (S&ME) Present

David Taylor (Stantec) Present

David Russell (JMT) Absent

#### 1. Open Action Items from SCDOT\ACEC\AGC:

- SCDOT to review and discuss examples of commitments from other states (provided by ACEC/AGC) and potential changes/implementation. Closed by SCDOT
- SCDOT/ACEC/AGC to discuss potential new RFQ language suggestions and/or scoring techniques for SOQ evaluations with stakeholders. Open, new RFQ language will be included as part of CCR P3 and provided to industry for review well before release of RFP.
- 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.
   ACEC is looking for additional examples, will reach out to member firms.
- SCDOT to discuss and investigate providing DB team performance evaluation average to industry for each evaluation period.
- SCDOT will discuss adding language into 4z (preliminary submittal may be waived, at designers risk) for bridge packages. Note: still a project by project approach.
- SCDOT plans to implement language regarding additional risk and ATC discussion meeting.

#### 2. New Business:

- New RFQ language will be presented in the CCR P3 project and elements of new language are reflected in the I-20 over Wateree project. SCDOT will provide this language to ACEC and AGC for review prior to release of the RFQ. Date of release should be provided in next joint committee meeting.
- SCDOT is still looking for examples of Progressive Design Build in other states. Aaron noted that the planning committee is looking for presentations for the ACEC-SCDOT December conference. SCDOT is considering session at the partner meeting for SCDOT to present on PDB. SCDOT has previously shared that they would be interested in doing an owner\peer DBIA style open forum on alternative delivery at the conference.





Bridge Package 14 did include hydraulic data as part of attachment B as ACEC requested.
Committee to reach out to member firms and poll if the information provided is adequate for
design. Is additional analysis needed for Scour? Will DB teams be comfortable including
hydraulic data in the technical plans for SCDOT initial review since preliminary plans have been
removed from the project milestones? Idea would be to get awarded team comments on the
tech plans to incorporate into 70% plan Submittal.

#### 3. Action Items:

- Walker to poll member firms on bridge package 14 hydro data
- 4. **Next Meeting** will be scheduled prior to September Joint Committee meeting. The joint committee meeting after the release of the new RFP language will be held in person in Columbia.

#### **ACEC-SC SCDOT Environmental Subcommittee**

#### **Meeting Minutes**

July 21, 2022 11:00 AM

#### Attendees:

Siobhan Gordon (SCDOT)
Sean Connolly (SCDOT)
David Kelly (SCDOT)

Marcus Sizemore (Stantec)
Steve Brown (Mead and Hunt)

The following topics were discussed:

#### **USACE E-Permitting Platform JD Mapping Tool Training**

SCDOT plans to host several upcoming trainings across the state. Each training would be approximately  $\frac{1}{2}$  day from 8:30AM to 12:00PM.

ESRI license and laptop required for real-time training. Flyer sent from SCDOT to be distributed to ACEC membership. Sign up is available on the NAEP-SC website here: https://www.naep-sc.org/home

- Columbia August 17th
- Charleston August 18th
- Greenville August 23rd

Standardizing Permit Drawings – this will be included in the updated link on SCDOT's website. Mitigation Forecast Tool (MFT) is live and can be found at this link:

https://smpesri.scdot.org/MFTV/index.html

#### **Upcoming Credit Solicitations:**

- Solicitations for Stream/wetland credits were recently advertised for the following areas:
  - Tyger
  - o Lower Pee Dee
  - Edisto/Lower Coastal (Four Hole Swamp)
- Anticipated awards in near future.
- SCDOT exploring TDOT Mitigation award model multi-award process for service areas needed for future mitigation credit solicitations
- Tyger River Watershed Wetland Solicitation will be re-advertised soon with the following changes:
  - Wetland credit request will be 75 credits

- Award will be made to the three lowest responsible and responsive bidder(s). "Credits will be acquired from the lowest bidder first, until all available credits have been used from that contractor. At that time, purchases will then be made from the next lowest bidder until all available credits have been purchased. Once those credits have been exhausted, purchases will then be made from the third lowest bidder. If for any reason a bidder is unable to provide the contracted purchases, SCDOT will move to the next lowest bidder".
- Bonding will not be required
- SCDOT discussed how the upcoming implementation of the Stream Quantification Tool (SQT) may affect future mitigation needs/availability for SCDOT

## **Upcoming SCDOT On-Calls:**

- Public Involvement anticipated Summer 2022
- NEPA No plans for an on-call at this time

Next ACEC-SC Transportation Committee Quarterly Meeting is scheduled for August 4th.

Meeting adjourned at 11:43AM





# ACEC-SC / SCDOT Partnering Committee Bridge Subcommittee Meeting

Date:	Tuesday, August 2 <sup>nd</sup>
Time:	2:00pm – 4:00pm
Location:	In-person Rm 400 & TEAMs

# **Agenda Items**

1. Introductions

Attendees:

Terry K. (SCDOT) Glenn P. (SCDOT) Hongfen L. (SCDOT) Matthew B. (SCDOT) Lalith G. (SCDOT) Philip W. (SCDOT) Adam P. (P&P)

Ray S. (ICE) Chris G. (RS&H) Grant H. (HL)

# **Continued discussions**

- 2. Status Updates for New & Upcoming SCDOT Documents, Policies & Procedures
  - Any significant updates regarding:
    - Structural Design Manual Project Expecting 2 more years until complete.
       Meeting 8/8 to review and discuss comments on next chapter
    - Design Memos/Seismic Design Memos Updates
      - Bar Bending memo- In Terry's hands to sign
      - US customary bar designations- Currently working on. Waiting on standards to be updated before rolling out.
      - Seismic Summary Report Design Memo DM0122- Need to contact PM if contract does not include this. For categories B/C/D only.
      - Top of Slab Elevations Sheet Design Memo DM0222- Do not need to include the approach slab.
    - Standard Drawing Update Project- Not under contract yet. Searching for funding source
    - o Use of Bluebeam for all Reviews-no progress/timeline
    - Bridge Load Rating
      - Investigate LR results being inserted in As-Built Plans- No, SCDOT will not move forward with this.
    - Open Bridge Modeler-SCDOT in process of making internal steps to use OBM. Creating cells/workspaces/etc. Will post available data on website. Encouraged to use current microstation as long as possible. Consultants can send tool setting preferences to Matthew Bishop and he may include in SCDOT workspace.
    - Bridge Development Reports Jeff Sizemore working on template for reports.
       Best to have meeting with PM/Design Manager at time of scoping to see what is desired based on preference and project.
    - o PSCDM 23 implementation update
      - recommend vs compliance- Plan is to identify a status on recommendations to clarify difference

- PSC girders- Lateral Stability requirements-No requirements yet in BDM.
   John Caver to put criteria/statement in I-20 over Wateree RFP.
  - Discussed useful worksheets or directions from PCI, GDOT and FDOT
- GDM update for extreme events requiring structural mitigation No new discussion

# **New Items**

#### 3. Technical

- DOT Support is creating Draft design variance process-
  - Current list of triggers are approach slabs not 20' long, using structure types not discussed in SDM (i.e. truss superstructure or GRS-IBS abutments), and other bridge barrier rails
- AGC requested plans include camber tables at intermittent points along CL PSC beams similar to NCDOT requirements
  - o DOT reluctant to implement All agree this should be surveyed in field.
- What is DOT's stance on the need to specify, in the bridge plans, if DCI is required for PSC pile. Normally it is handled during the shop drawing review process.
  - During the update of the PSC pile standard drawing, a checkbox to indicate DCI is required could be added.
  - General agreement that this isn't a bad idea to get more representative bids.
     Also suggest allowance for additional notes specifying the amount/locations that it needs to be added. Most focus has been on corrosion on decks (maintenance sees these).

#### **Side Notes**

- FHWA has started dictating which edition of AASHTO DOTs need to use.
  - Currently GDOT goes with 8th edition but ignores requirements for use of strut-and-tie in disturbed regions.
- Upstate RPG is providing stations/offsets to pile/drilled shaft/column locations on internal design plans. Asking consultants to provide as well if working in Upstate
- AGC asking SCDOT if requirement could be made to set maximum spacing on top layer of steel in flat slabs/decks.
  - No discussion to incorporate new approach at this time.

## 4. Upcoming Training

- PCI one day seminar in Fall 2022, more info coming soon-
- NSBA has expressed interest in giving a class as well in the fall.
- Discussion of STM class at SCDOT HQ in the future

#### 5. Administrative

Tentatively scheduled <u>next meeting October 11<sup>th</sup></u>





## **MEETING MINUTES**

**ACEC-SC/SCDOT Roadway Design Subcommittee** 

Meeting Date: July 21, 2022 10:00 AM

**Meeting Location: Virtual** 

**Invitees:** 

Sam Pridgen (SCDOT)

Iris Neal (SCDOT)

Tabitha Smith (SCDOT)

Carol Hamlin (SCDOT)

Seth Lown (SCDOT)

Ashar Saeed (SCDOT)
Andrew Fisher (Gannett Fleming)
Daniel Atkinson (Holt)
Justin Lyles (RK&K)
Chris Rubens (Neel-Schaffer)

Names with strikethroughs were not present for the meeting.

#### Ongoing Items:

- 1. RDM Updates
  - a. SCDOT is still evaluating what tables to remove that are duplicated in AASHTO Green Book
  - b. SCDOT does not expect any updates to the RDM until early 2023
- 2. Design Exception Policy
  - a. Policy has been drafted. Rob Bedenbaugh needs to provide final comments. Policy is expected to be issued in the next few months.
  - The expected submittal for design exception/variance will be a memo or report from the Engineer of Record.
- 3. Superelevation Method 2 vs. Method 5
  - a. This item will be closed out. SCDOT will provide clarifications for these superelevation methods in future revisions.
- 4. Code of Federal Regulations Changes & Impacts to Design Guidance
  - a. No update. SCDOT still needs to meet with FHWA regarding 3R criteria on interstates.
- 5. Pilot for QA using consultants
  - a. Right of Way plans were already submitted for this pilot project and will be reviewed by SCDOT. SCDOT is currently in negotiations through an on-call contract for the QA review of the construction plans.
- 6. Standard Drawing Updates IT notification system
  - a. Notices should be emailed through the pre-construction updates

#### New Items:

- 1. Excel Spreadsheets
  - a. R/W Data Sheet
    - i. Comments from SCDOT have been received that total obtains do not match left and right obtains, but it's a rounding formula in the excel sheet.
    - ii. Action Item Daniel Atkinson to provide an example of comment to Sam Pridgen to coordinate with the SCDOT Design Automation Group and/or





# SCDOT Right of Way. (Daniel Atkinson provided spreadsheet example to Sam Pridgen via email on 7/27/22)

- b. Summary of Estimated Quantities
  - Comments have been received from SCDOT QA that the Pay Item Long
     Description should be provided instead of the Short Description, but the excel sheet populates the short description. This comment will no longer be made.
- 2. Bluebeam implementation status
  - a. SCDOT does not have an implementation date. Bluebeam has been rolled out within SCDOT. To transition away from the comment matrices, it is recommended that the consultant coordinate with the SCDOT PM to request Bluebeam for reviews, and the consultant may need to set up the review session.
- 3. IB 2012-2 Verification of Present Right of Way on Plans Prepared by or for the Department
  - a. Initials do not need to be provided on the plans anymore. See Section 22.2.6.1.1 of the RDM.
  - b. When surveys are provided by SCDOT, is the engineer liable if issues arise with the provided survey?
    - i. Action Item Sam Pridgen to discuss with Contracts or Legal Department.
- 4. Comments to coordinate with SCDOT staff
  - a. Comments have been received from SCDOT to coordinate with other divisions/districts within SCDOT. What is the protocol for the consultant?
    - i. Case by case basis. Consultant should coordinate with SCDOT PM.
- 5. Conflicting comments from District and HQ
  - a. Comments have been received from SCDOT that are conflicting between the District and Headquarters. What is the protocol for the consultant?
    - i. Case by case basis. Consultant should coordinate with SCDOT PM.
- 6. Top of Curb (TOC) Profiles
  - a. Section 22.2.9.1 of the RDM requires TOC profiles be designed like vertical alignments. Would SCDOT consider allowing spline grades (series of VPI's)?
    - i. SCDOT is open to allowing it, but SCDOT QA still needs a way to review if the grades are compliant.
    - ii. Recommended to coordinate with SCDOT QA before submitting to review how the info will be presented. A table format with Station/Offset/Elevation/Grades may be appropriate.
    - iii. Jeff Brown and Roger Holloway, in the SCDOT Design Automation Group, review TOC profiles. Action Item – Seth Lown to coordinate with Jeff Brown and Roger Holloway on potential options to show the data.
- 7. SCDOT Personnel Changes
  - a. Retired or Resigned: Tabitha Smith, Jason Stillwell, Stan Roof
  - b. Started or Role Change: Scott Warner has joined RPG2. Dawn Watkins is the new RPG2 Roadway Lead
- 8. SCDOT Non-Roadway Updates
  - a. Construction office is currently revising the Spec Book

Next Meeting: Thursday, October 6, 2022, 10:00 am – At SCDOT with a Virtual Option



# **ACEC-SC & SCDOT Utilities Subcommittee Meeting Minutes**

Project: ACEC-SC & SCDOT Utilities Subcommittee

Location: STV Offices – 140 Stoneridge Drive, Suite 450, Columbia, SC 29210

Date: June 16, 2022 - 1:00 PM to 3:00 PM

Attendees: Oriana Hernandez – STV

Kevin Barnes - Mead & Hunt

Carlos Gittens – KCI Marvin Dawson – SCDOT

The following items were discussed:

 Utility Coordination Scheduling Spreadsheet Template - To be provided to RPG Leads for use in determining UC deliverable schedules as related to milestone plan dates, obligations, certifications and letting.

 Subcommittee team members conducted workshop for creation of draft scheduling spreadsheet based upon project milestones and standard UC On-call scope items.

#### **Action Items**

- Draft scheduling spreadsheet scope items to be entered into spreadsheet and distributed to all subcommittee members for review (sent 6/24/22).
- Requested input from subcommittee members to the draft scheduling spreadsheet by August 12, 2022.
- Next subcommittee meeting will be held on August 25, 2022, at 1:00PM. Meeting will be utilized
  a workshop to further define utility coordination scheduling spreadsheet.
- Once Draft Scheduling Spreadsheet is prepared, Marvin will coordinate with John Boyleston and RPG leads to schedule in-person presentation to discuss spreadsheet and use of Statewide On-Call contract.

The above meeting minutes are my recollection of topics discussed,

Kevin J. Barnes, PE

#### ACEC-SC/SCDOT

# Survey/SUE Subcommittee Meeting

July 21, 2022

Via Zoom

## **Attendees:**

Marvin Dawson, SCDOT

Elliotte Quinn, Thomas & Hutton
Floyd Sweatt, Sweatt Surveying
Jeff King, CECS, Inc.

## **Minutes:**

- Elliotte Quinn designated as sub-committee Chair
- Marvin Dawson reported that all SCDOT Group Leaders are getting together on Tuesday, July 26<sup>th</sup> to review the revised Preconstruction Survey Manual. Internal review will last a month and then the manual will be provided to this group for review.
- A draft of the proposed Aerial Mapping Chapter and the Mobile Mapping Chapter of the SCDOT Survey Manual, were reviewed by ACEC, selected photogrammetric firms and a ASPRS Board member. Many comments for these chapters were received and incorporated into the current draft Manual.
- The SUE Manual revisions and review will begin in 2023.

# ACEC-SC Geotechnical Subcommittee Meeting Minutes

Subject: Committee Organization Date: July 27, 2022, 2:00 PM

Attendees: Gant Taylor (S&ME), Michael Ulmer (ESP Associates), Abdul Fekrat (Terracon), Nick Harman (SCDOT), Nathalia Chandler (SCDOT), Renee Gardner (SCDOT), Trapp Harris (SCDOT), Bill Jones (SCDOT), Sufal Biswas (SCDOT).

Location: Park Street, Columbia, SC

#### 1. Old Business

- 1.1. GDM 2022 live as of May 6, 2022.
- 1.2. Geotech QC Check list 2022 version (5/18/22) on website.
- 1.3. Scoping Template In development.
- 1.4. Geotechnical On-Call Contract RFQ will come out end of 2022.
- 1.5. OpenGround SCDOT is moving to OpenGround, but there are significant IT obstacles to overcome related to "cloud" computing. The consultants have similar obstacles fully implementing OpenGround. Nonetheless, SCDOT expects to move to OpenGround during the next on-call contract term.

#### 2. New Business

- 2.1. Subconsultant exclusion rules where discussed. SCDOT confirmed the process for a subconsultant to get released to pursue a design-build project if they had participated in the design-build preparation for that project. A subconsultant cannot have provided design services, they must submit a written request to be release, all services must be complete, all effort invoiced, and all invoices paid to be released.
- 2.2. Abdul Fekrat noted that the SPLIQ spreadsheet does not report Vs units correctly. Nick Harman will look into it with the Kevin Franke, the author.
- 2.3. Gant Taylor noted that the bookmark function in the GDM 2022 does not function completely. Nick Harman will look into it.
- 2.4. Nick Harman noted that the "Standard Specification for Highway Construction" is being rewritten. Sections that continue to be in flux, such as the timber pile supplemental specification out for review below, are being removed and replaced as supplemental specifications. Other changes include potentially adding fiberglass reinforcement.
- 2.5. Nick Harman noted that an ERS design manual is being developed and will be released relatively soon.
- 2.6. Nick Harman noted that a GDB is coming that adds steel and concrete strength to the loading tables.

# ACEC-SC | Geotechnical Subcommittee 07.27.2022 Meeting Minutes

# 3. ACEC-SC Industry Reviews

3.1. SC-M-711-1 Timber Piles

# 4. Action Items

*4.1.* None

# 5. Next Meeting

5.1. October 13, 2022 – Park Street.



# Executive Directors' Report 8/4/2022

# **Legislative Update**

- Budget
  - Legislature returned the last week of June to finalize the budget
    - SCDOT received:
      - √ \$120 Million in recurring funding
      - ✓ \$ 133.6 Million one-time money for Rural Infrastructure Funding
      - ✓ \$ 250 Million one-time money for CTCs
      - ✓ \$453 Million from ARPA (non-budget allocation, one-time funding)
- Off-Season Lobbying Effort (In-District Meetings with Legislators)
  - We will start scheduling the meetings in late September
  - Start with Senators as they are not running for re-election
  - Move on to house members without opposition
  - Finish up with newly elected members after election day
    - ✓ We will discuss the Designers' Fair Contracting Act, Fair Share Bill, QBS, and other topics
    - ✓ Board Members and Members are encouraged to come if we are in your district
- SC Coalition for Lawsuit Reform
  - 88% of primary voters voted yes on the ballot initiative
    - ✓ A resolution is being drafted to introduce to both House & Senate stating this
  - ACEC-SC may organize events in major areas (Upstate, Midlands, Lowcountry) with other SCCLR members to host luncheons with area legislators and invite SCCLR's Tom Mullikin, Ph.D., JD, to speak about the issue
- SCSPLS Modernization of SC Code 16-11-680
  - SCSPLS is asking ACEC-SC to support its efforts in modernizing SC Code 16-11-680 (survey Monuments)
    - ✓ A significant monument was removed in Mt. Pleasant. The current fine was not a deterrent
    - ✓ Currently, the fine for moving a monument is \$100. They're attempting to index that number since it was created in 1907
- Senate Congressional Budget Agreement (Investments in the Inflation Reduction Act of 2022)
  - An agreement was announced on tax, energy & prescription drug price legislation
  - Corporate Minimum Tax
    - ✓ The agreement includes a 15% minimum tax on publicly traded corporations with over \$1 billion in profits
  - Energy & Climate Change Title
    - ✓ \$60 billion for clean energy manufacturing

- √ \$10 billion investment tax credit to build clean technology manufacturing facilities (make e-bikes, wind turbines, solar panels, etc.)
- ✓ Tax credits for investment in clean energy.
- ✓ A mandate for offshore oil & gas lease sales in the Gulf of Mexico and Coast of Alaska

#### Infrastructure Permitting

- ✓ Bill provides funding for hiring new staff for environmental studies, technical assistance, and promoting community engagement
- ✓ No provisions to streamline environmental review or permitting process (Dems say they will advance legislation on permitting reform later this year)
- Things of interest to A/E Firms
  - ✓ Transportation: \$3 billion is provided for competitive grants including \$1.11 billion specifically directed to economically disadvantaged or underserved communities to improve walkability, safety, and affordable transportation access.
  - ✓ Federal Buildings: \$250 million for the General Services Administration to convert federal facilities to high-performance green buildings, and \$975 million to GSA for emerging technologies and related sustainability and environmental programs

#### PPP

- Fix has passed the House
- Sent Graham & Scott requesting them to co-sponsor Senator(s) Braun, Cramer, Collins & Duckworth's Bi-partisan bill S.3711

# **Lindsey Graham Fundraiser at the ACEC Townhouse**

- Informed Graham's people we want to wait until early 2023
- ACEC VP of Political Affairs Dave Bender will contact AAPA, AAGC, to join us to reduce the burden of the amount ACEC-SC would have to raise
- Money raised would go to our ACEC PAC goal as in-kind donations
- ACEC-NC rents a bus to take members to the event

## **SC Engineering Conference & Trade Show**

- 327 Attendees
- 12 Exhibitors
- 10 Sponsors

#### **Golf Tournament**

- 120 players
- Covered all expenses and Scholarship

#### **Fall Golf Tournament/Oyster Roast**

- Looking to host a combined event in the fall
  - Matt Gehman & Melvin Williams are helping coordinate
  - May consider hosting a Membership Breakfast the same day

# **Engineering Excellence Awards**

- Call for Entries coming out in August
- ACEC-SC will be using ACEC National's online submittal form this year
- Going back to Art Museum for the Gala
- Emcee & Judge suggestions welcome

# **ACEC-SC/SC Transportation Resource Guide**

- ACEC-SC contacted to be a part of the Resource Guide (NC version in Packet)
  - o We would solicit the publication to our membership
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# Executive Directors' Report 8/4/2022

# **Legislative Update**

- Budget
  - Legislature returned the last week of June to finalize the budget
    - SCDOT received:
      - √ \$120 Million in recurring funding
      - ✓ \$ 133.6 Million one-time money for Rural Infrastructure Funding
      - ✓ \$ 250 Million one-time money for CTCs
      - ✓ \$453 Million from ARPA (non-budget allocation, one-time funding)
- Off-Season Lobbying Effort (In-District Meetings with Legislators)
  - We will start scheduling the meetings in late September
  - Start with Senators as they are not running for re-election
  - Move on to house members without opposition
  - Finish up with newly elected members after election day
    - ✓ We will discuss the Designers' Fair Contracting Act, Fair Share Bill, QBS, and other topics
    - ✓ Board Members and Members are encouraged to come if we are in your district
- SC Coalition for Lawsuit Reform
  - 88% of primary voters voted yes on the ballot initiative
    - ✓ A resolution is being drafted to introduce to both House & Senate stating this
  - ACEC-SC may organize events in major areas (Upstate, Midlands, Lowcountry) with other SCCLR members to host luncheons with area legislators and invite SCCLR's Tom Mullikin, Ph.D., JD, to speak about the issue
- SCSPLS Modernization of SC Code 16-11-680
  - SCSPLS is asking ACEC-SC to support its efforts in modernizing SC Code 16-11-680 (survey Monuments)
    - ✓ A significant monument was removed in Mt. Pleasant. The current fine was not a deterrent
    - ✓ Currently, the fine for moving a monument is \$100. They're attempting to index that number since it was created in 1907
- Senate Congressional Budget Agreement (Investments in the Inflation Reduction Act of 2022)
  - An agreement was announced on tax, energy & prescription drug price legislation
  - Corporate Minimum Tax
    - ✓ The agreement includes a 15% minimum tax on publicly traded corporations with over \$1 billion in profits
  - Energy & Climate Change Title
    - ✓ \$60 billion for clean energy manufacturing

- √ \$10 billion investment tax credit to build clean technology manufacturing facilities (make e-bikes, wind turbines, solar panels, etc.)
- ✓ Tax credits for investment in clean energy.
- ✓ A mandate for offshore oil & gas lease sales in the Gulf of Mexico and Coast of Alaska

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# **ACEC-SC/SCDOT 2022 Annual Meeting**

# **Call for Presentations!**

ACEC-SC in conjunction with SCDOT is now accepting submissions for technical session proposals for the *2022 Annual Meeting* to be held December 14, 2022 in Columbia, SC. Speakers are invited to submit abstracts regarding current topics related to Transportation. We're looking for your best session ideas to help attendees advance their professional development.

The technical sessions are scheduled for Wednesday, December 14, 2022. They are divided into 50-minute time-frames. Each presenter will have 35–40 minutes for his/her presentation and 10–15 minutes for questions/ answers and discussions. Presenters are encouraged to submit presentations pertaining to their unique and relevant research, case studies, or projects as it relates to planning, design, operations, maintenance, permitting and other areas related to Transportation Projects.

#### **SELECTION PROCESS SCHEDULE**

Call for Presentations Opens: July 15, 2022

Deadline for Submission: August 19, 2022

Acceptance Notifications: September 30, 2022

Deadline for Synopsis, Bios, and Headshot Photos: October 21, 2022

Deadline for Powerpoint of Presentations and Audio/Visual Requests: December 5, 2022

#### **SUBMISSION INSTRUCTIONS**

All speakers must submit an abstract of their 50-minute presentation. Each abstract must contain the following information:

- Title of topic/subject matter (10 words or less)
- Description of presentation (up to 400 words, be concise)
- Biography of the presenter or each panelist (up to 250 words)

Submit by Close of Business on August 19, 2022.

All questions and submissions should be emailed to Emily Swearingen at <a href="mailto:Emily.swearingen@aecom.com">Emily.swearingen@aecom.com</a> or you can reach her via phone at 803-331-9717.