Attendees

Marty McKee, Thrift Development Corp., CAGC Co-Chair
Ben Whetstone, CR Jackson/Satterfield
Leslie Hope, CAGC
Grady Wicker, Eagle Construction Co.
Danny Shealy, CAGC Liaison
John Jordon, Cherokee Construction
Chris Davis, Sanders Bros.
Greg Cook, Mountain Creek
Jim Triplett, UIG
Ken Atkinson, Palmetto Corp.
Ted Geddis, HRI Bridge Co.
Mark Ashmore, Ashmore Bros.
Sally Paul, SPC, Inc.
David Fletcher, REA Contracting
Reid Banks, Banks Constr. Co.
Benjy Hardee, A. O. Hardee & Son

Bob St. Onge, Secretary of Transportation
John Walsh, SCDOT
Leland Colvin, SCDOT Co-Chair
Jason Johnston, SCDOT District #4
Clem Watson, SCDOT
Charles Eleazer, SCDOT
Kyle Berry, SCDOT District #5
Jim Porth, SCDOT District #7
Tim Henderson, SCDOT District #6
Kevin Harrington, SCDOT construction
Milt Fletcher, SCDOT OMR
Bryan Jones, SCDOT District #1
Todd Steagall, SCDOT
Lee Neighbors, SCDOT District 2
Dennis Garber, SCDOT
David Rister, SCDOT Bridge Construction
Mark Attaway, SCDOT Utilities
Claude Ipock, SCDOT Construction
Mike Hannah, SCDOT District #2
Merritt Vann, SCDOT construction
Jay Hawkins, SCDOT construction
The meeting was called to order by Leland Colvin with introductions.

**Old Business**

**Utility Locates**

**Issue:** Getting utility locates on construction projects.

**Discussion:** Kellie Howell a representative from PUPS was in attendance and gave a presentation on the three methods to get utility locates. The three methods are: Call 811, enter on-line thru the website (www.sc811.com), and remote ticket entry. Training dates for project tickets are located on their website. Additional information located on SCDOT website http://www.scdot.org/doing/AGC_meeting.shtml

**Contractor Status**

**Issue:** The Contractors would like to see a Monthly Status Report at each meeting.

**Discussion:** Leland Colvin handed out a few graphics which are part of the report provided to SCDOT senior staff every month. Current report showed 313 active projects valued at $1,583,208,808.29 with 223 (71%) on time, 30 (10%) projects between 10 and 25 percent behind and 60 (19%) projects greater than 25% behind.

**Action:** Leland will provide updated handouts at every meeting.

**Update Prompt Payment Issues for Subcontractors**

**Issue:** Because of prompt payment clause, Contractors are required to pay the subs in a timely fashion. SCDOT says the Prime Contractor still has to pay for
installed quantities even if the subcontractor walks off the job. Due to Federal and State requirements SCDOT has to include Prompt Payment verbiage in the contracts and don’t have much wiggle room.

**Discussion:** SCDOT has incorporated some of the language submitted by CAGC and will allow contractors to hold the 5% retainage, upon documentation of good cause, if there is a problem with the subcontractors work.

**Action:** SCDOT will forward final version to CAGC for review.

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**Update SCEIS Accounting System**

The implementation started September 16th and weekly updates will be on the SCDOT website. New payments are scheduled to be loaded into SCEIS on October 3rd. Future payments will be uploaded from Site Manager into SCEIS and the RCE will no longer have to fax information to accounting.

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**NEW BUSINESS**

**Safety Topic**
Merritt Vann presented the safety topic of falls on construction projects. Fall protection is required for any heights over 6 feet. Falls are the leading cause of injuries on construction sites resulting in 150 to 200 deaths per year. Everyone should train their employees on fall protection and train their employees on the proper use of fall protection equipment and make sure they are tied off properly.

**SCDOT Funding Outlook**
Funding will be consistent with previous years. Commission will have to look at the STIP with a $400 million outlook for federal dollars. DOT looking at locally matched projects and projects that are 100% federally funded.

**Research Topics**
The Research solicitation meeting was held in April 2011. The SCDOT approved a list of topics for research funding which is attached. The next round of solicitations will require a DOT representative to sponsor the topic.

**Broad Band Frequency for GPS equipment**
Several articles have been forwarded to CAGC (copies attached). Homeland security is still investigating and will provide information as it becomes available.

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**Subcommittee Reports:**

**Roadway Subcommittee:**
Concrete plant specific mixes referred to the concrete QIC committee.
Expansion joint material – DOT looking into using a rubber material.
Sidewalk x-slope – establish a min and max slope – 1 to 2%.
Proof roll – DOT to define the limits of proof roll spec.

**Bridge Subcommittee:**
Concrete plant specific mixes referred to the concrete QIC committee.
Concrete final finish – use manufacturers recommendations on application rates.
Anchor bolts at integral end bents – contractors do not need unless the bridge is on a steep grade. DOT considering not using if not needed.
Steel diaphragms – DOT considering allowing in late 2011.

**Project Development**
Sign structure relocations – DOT investigating handling these in the right of way agreements since several county ordinances requires them to be brought up to design standards or codes.
EBS files will be available for projects with 60 day advertisements.
Projects with minimum CPS scores – DOT to consider having a 60 day advertisement for these projects.

**Utility Subcommittee:**
SC811 contractor calls in for sign locates, mark sign locations on the road in white paint.
Working on a statewide policy for railroad liability insurance.

**Supplier Subcommittee:**
No report

**Design-Build Subcommittee:**
Design review and submittal process is being finalized.
ACEC conference to be held in October and there will be a round table discussion on the design build process.

Next meeting Wednesday, November 16, 2011

Adjourn
Contract Status
as of 9/10/2011

No. of Contracts Executed and w/o SWKC: 313

Value of Contracts: $1,583,208,808.29

Greater than or equal to 25% behind
19%
60 Contracts

Between 10% and 25% behind
10%
30 Contracts

On time (10% or less)
71%
223 Contracts
<table>
<thead>
<tr>
<th>Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>11-CM-02 Calibration of the AASHTO Pavement Design Guide to SC Conditions - Phase I</td>
</tr>
<tr>
<td>2.</td>
<td>11-CM-01 The Evaluation and Specification Development of Alternate Modified Asphalt Binders in South Carolina</td>
</tr>
<tr>
<td>3.</td>
<td>11-MB-03 Predict/Project the Life Expectancy &amp; Annual Cost Benefit of Pavement Preservation Treatments</td>
</tr>
<tr>
<td>4.</td>
<td>11-PC-01 Development of a Guidance Manual for Assessing Scour using the South Carolina Regional Bridge-Scour Envelopes</td>
</tr>
<tr>
<td>5.</td>
<td>11-PE-01 Develop Annual Congestion Measures using the INRIX Historical Data</td>
</tr>
<tr>
<td>6.</td>
<td>11-PC-02 Compliance with the Environmental Protection Agency (EPA) Effluent Limitation Guidelines – Turbidity Control</td>
</tr>
<tr>
<td>7.</td>
<td>11-PC-03 Compliance with the Environmental Protection Agency (EPA) Effluent Limitation Guidelines – Surface Outlets</td>
</tr>
<tr>
<td>8.</td>
<td>11-CM-03 Estimation of Low Temperature Properties of RAP Binder without Extraction</td>
</tr>
<tr>
<td>9.</td>
<td>11-CM-05 Evaluation of Cost Benefits to the DOT with increased RAP Usage</td>
</tr>
<tr>
<td>10.</td>
<td>11-MB-01 Development of Bridge Preservation Guide</td>
</tr>
<tr>
<td>11.</td>
<td>11-PE-02 A Study on Advanced Mitigation Processes within Other States &amp; How Those DOT's Benefit from That Process</td>
</tr>
<tr>
<td>12.</td>
<td>11-TS-01 Support for the Development and/or Implementation of an Access Management Program/Guidelines through Research and Analysis of Collision Data</td>
</tr>
<tr>
<td>13.</td>
<td>11-IFBO-02 Feasibility of Establishing Intercity Passenger Rail Service Connecting Columbia and Charlotte utilizing the existing Norfolk Southern Rail Line</td>
</tr>
<tr>
<td>14.</td>
<td>11-PE-03 Characterization of Stormwater Runoff Constituent Loads from Bridge Decks in South Carolina and Determination of the Effects of Bridge Stormwater Runoff on Selected Receiving Waters</td>
</tr>
<tr>
<td>15.</td>
<td>11-TS-02 Development of Databases and Calibration Factors for HSM</td>
</tr>
<tr>
<td>16.</td>
<td>11-IFBO-01 Aligning the State's Transportation Infrastructure with Expansion of the Panama Canal and Associated Freight Transportation Needs</td>
</tr>
<tr>
<td>17.</td>
<td>11-TS-05 Applying the Methods of Nationally Proven Successful Measures in Roadway safety to Achieve the Reduction of Harmful Collisions in South Carolina</td>
</tr>
<tr>
<td>18.</td>
<td>11-CM-06 Innovative Embankment Design, Construction, and Acceptance*</td>
</tr>
<tr>
<td>19.</td>
<td>11-PC-05 Roadway Plan Development Practices for Implementing 3R Programs*</td>
</tr>
</tbody>
</table>

* Contingent on Available Funds

Approved: [Signature]
Deputy Secretary for Engineering
Date: 01/12/2011

Estimate Approval Chart

Estimate Cut-off Date

Estimate uploaded to Sharepoint

10 Days

From Estimate cut-off date: Generate Estimate, receive contractor concurrence, contract deliverables (payroll, DBE, etc.)

~45 days (30 Business Days)

Cash flow review, Estimate processed by Accounting

60 total calendar days.

5 Days

Processed by GC and cut check

Estimate sent to Controller General

Check cut or Direct Deposit
South Carolina 811

Web Ticket Entry, Remote and Ticket Management Project Presentation
SC811 Ticket Entry

Here at SC 811 there are 3 ways to enter your locate ticket.

• Call 811
• Click on our website – sc811.com
• Remote ticket entry
Web Locate Entry

Go to www.sc811.com
Then select your type
Excavators

South Carolina State Law requires the excavator, when planning any activity that results in the movement or removal of earth, rock or other materials in or on the ground, to contact South Carolina 811 and any non member company with adequate information regarding the excavation.

At least 3 working day notice (72 hours) prior to digging, call SC811 by dialing 811 or (888) 721-7877. A SC811 representative will record the location of the digging site and notify member companies of your intent to dig. Each member company will then send either one of their employees or a contract locator to your dig site to mark the location of their underground facility lines.

Once the lines have been marked, you may begin carefully to dig, keeping in mind the 2 1/2 feet allowance on either side of the markings. Not all utilities are members with SC811. If a utility is not named, please contact them directly.

Remember: call 811, wait the required time, respect the marks and dig with care!

Request a New Locate Ticket
Request a Locate

SC811 offers 2 free online applications to enter locate request ticket. These are available 24 hours a day 7 days a week.

New ticket: This ticket type is for the first time locate request ticket. Complete this form if you are doing any type of digging and need your underground lines located.

Update ticket: This ticket type is used if there is an active locate request ticket in the system, but the work was not able to be completed within the 15 day life cycle.

Locate Tickets After Hours

SC811 now take emergency locate request tickets 7 days a week 24 hours a day including holidays. The phone number will remain the same. Remember to Dial 811.
Request a New Locate

This application was created for homeowners or one time users. Complete the form below to create your Locate Request Ticket. Please review the online manual before entering your web Locate Request Ticket to avoid unnecessary delays.

Locate Request Tickets entered via the web after 3:30pm may not be processed until the next business day. If you have any questions concerning this form, please call (800) 290-2783 Ext. 1

* indicates a required field

Your Phone #:  
- Area Code first
- ext.:  
- Type:  

Your Name:  
- Enter both your First and Last Name

Company Name:  
- Company Name if you are an individual - First and Last Name here

Address:  
- Please enter your company’s address or your address here

City:  
- State:  
- Zip:  

Email Address:  

Site Contact:  

Site Call Back #:  

Work Type:  

Please check list carefully, if you are unable to locate your work type, please select See Remarks. If you use this please make sure that you explain what you are doing in the Work Site/Remark section.
Request a New Locate

Success

Please note: Locate Request Tickets entered via the web after 3:30pm may not be processed until the next business day. If you have any questions please call (800) 290-2783 extension 1.

The South Carolina State Law states that excavators are to give a 3 working days (72 hours), excluding weekends and holidays, for the locators to mark the area. You will receive an electronic mail message stating when you are legally free to proceed with the digging work and what members of SC811 will be notified for you in that area. Any utilities SC811 does not notify, you will be responsible for contacting them directly. From the SC State Law: Section 58-35-80: For the purposes of this section the approximate location of underground utilities is defined as a "strip of land at least five feet wide, but not wider than the width of the utility plus two and one-half feet on either side of the utility". Once SC811 has processed the Locate Request Ticket, the Locate Request Ticket will be good for 15 working days from the date of the 3 working day notice (72 hours).

What would you like to do next?

Return to Home Page  Enter New Ticket  Update Ticket

First time visiting our website or calling 811? Click here for a brief two minute survey.

Click Here to Take Survey
Remote Ticket Entry

Access of the SC811 Remote Ticket Entry is through Remote desktop.
Remote Ticket Entry
Remote Ticket Entry
Remote Ticket Entry
Remote Ticket Entry
Remote Ticket Entry

Disclaimers

Color Code markings used by PUPS utility members are:
Red - Electric
Yellow - Gas
Orange - Communication, Telephone, Cable TV
Blue - Water
Green - Sewer

By South Carolina state law you must allow a 2 1/2 feet margin on each side of the markings for the appropriate location of underground facilities.

Any utilities that are not stated must be notified directly.

SC811 members mark only the underground facilities they maintain.
Remote Ticket Entry

Ticket Number: 1109130881
Remote Ticket Entry

Update Date: 10/4/2011
Good Through Date: 10/7/2011
Email Confirmation

Ticket Number: 11091308881
Old Ticket Number:
Type: Normal

Created Date: 09/13/2011 10:39:31 AM
Work Date/Time: 09/16/2011 10:30:12 AM
Update: 10/04/2011 Good Through: 10/07/2011

Excavation Information:
State: SC County: RICHLAND
Place: COLUMBIA
Address Number: 810
Street: DUTCH SQUARE BLVD
Inters St: N ARROWOOD DR
Subd:

Type of Work: SEE REMARKS
Duration: ABOUT 1 DAY


Work Done By: SC811

Remarks/Instructions: LOCATE THE ENTIRE BACK PARKING LOT FOR SC811 BLDG
2 ADDITIONAL CROSS STREETS IN THE AREA: BAKERSFIELD RD AND BUSH RIVER ROAD

Lat/Long: 34.033538359787898, -81.0942126414852
Secondary: 0, 0
Lat/Long Caller Supplied: N

Member Utilities Notified:
Code Member
BS2B45 AT&TD
COC82 City of Columbia Wtr
SCEK542 SCEG Electric

Color Code markings used by PUPS utility members are:
Red - Electric
Yellow - Gas
Orange - Communication, Telephone, Cable TV
Blue - Water
Green - Sewer

By South Carolina state law you must allow a 2 1/2 feet margin on each side of the markings for the appropriate location of underground facilities.
Any utilities that are not stated must be notified directly.
Project Ticket Summary

- Ticket management is a cooperative process between the contractor, subcontractors and SC811.
- Before commencing with any excavation or demolition operation, The State law requires all persons performing subsurface work to notify SC811, as well as non-SC811 utilities. It is NOT true that subcontractors always “ride on the contractor’s project tickets”.
- Only by participating in this process can subcontractors avoid having to submit their own tickets.
- Those who do not participate must submit their own tickets before work begins, as defined by SC law.
- This requires coordination between the contractor and subcontractor so that subcontractor contact information can be added to the ticket when they are expected to be working on the job site.
- To help advance this, contractor holds pre-construction utility meetings where locator representatives, key subcontractors participate, member utility companies and SC811, to allow both sides to better understand the utility coordination aspect and promote cooperation with Joint Ticketing.
Project Ticket Consent Form

General contractors contact person: ________________ Date: __________

Companies working project:

________________________
________________________
________________________

Company Representative:

________________________
________________________
________________________

Scope of project:

________________________
________________________
________________________

________________________
________________________
________________________

________________________
________________________
________________________
## Footage for Tickets

<table>
<thead>
<tr>
<th>FEET</th>
<th>MILES</th>
</tr>
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<tbody>
<tr>
<td>1,320</td>
<td>¼ mile</td>
</tr>
<tr>
<td>2,640</td>
<td>½ mile</td>
</tr>
<tr>
<td>3,960</td>
<td>¾ mile</td>
</tr>
<tr>
<td>5,280</td>
<td>1 mile</td>
</tr>
<tr>
<td>6,600</td>
<td>1 ¼ miles</td>
</tr>
<tr>
<td>7,920</td>
<td>1 ½ miles</td>
</tr>
<tr>
<td>9,240</td>
<td>1 ¾ miles</td>
</tr>
<tr>
<td>10,560</td>
<td>2 miles</td>
</tr>
<tr>
<td>11,880</td>
<td>2 ¼ miles</td>
</tr>
<tr>
<td>13,200</td>
<td>2 ½ miles</td>
</tr>
<tr>
<td>14,520</td>
<td>2 ¾ miles</td>
</tr>
<tr>
<td>15,840</td>
<td>3 miles</td>
</tr>
<tr>
<td>17,160</td>
<td>3 ¼ miles</td>
</tr>
<tr>
<td>18,480</td>
<td>3 ½ miles</td>
</tr>
<tr>
<td>19,800</td>
<td>3 ¾ miles</td>
</tr>
<tr>
<td>21,120</td>
<td>4 miles</td>
</tr>
<tr>
<td>22,440</td>
<td>4 ¼ miles</td>
</tr>
<tr>
<td>23,760</td>
<td>4 ½ miles</td>
</tr>
<tr>
<td>25,080</td>
<td>4 ¾ miles</td>
</tr>
<tr>
<td>26,400</td>
<td>5 miles</td>
</tr>
<tr>
<td>27,720</td>
<td>5 ¼ miles</td>
</tr>
<tr>
<td>29,040</td>
<td>5 ½ miles</td>
</tr>
<tr>
<td>30,360</td>
<td>5 ¾ miles</td>
</tr>
<tr>
<td>31,680</td>
<td>6 miles</td>
</tr>
<tr>
<td>33,000</td>
<td>6 ¼ miles</td>
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<td>34,320</td>
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<td>39,600</td>
<td>7 ½ miles</td>
</tr>
<tr>
<td>40,920</td>
<td>7 ¾ miles</td>
</tr>
<tr>
<td>42,240</td>
<td>8 miles</td>
</tr>
</tbody>
</table>
Examples of Footage Tickets

- **TICKET 1**: “Starting at the intersection of Arrowwood Road and Dutch Square Boulevard, mark both sides of Dutch Square Boulevard for 1320 feet going north toward Broad River Road”

- **TICKET 2**: “Starting at a point of 1320 feet north of the intersection of Arrowwood Road and Dutch Square Boulevard, mark both sides of Dutch Square Boulevard for 1320 feet going north toward Broad River Road”

- **TICKET 3**: “Starting at a point of 2640 feet north of the intersection of Arrowwood Road and Dutch Square Boulevard, mark both sides of Dutch Square Boulevard for 1320 feet going north toward Broad River Road”

- **TICKET 4**: “Starting at a point of 3960 feet north of the intersection of Arrowwood Road and Dutch Square Boulevard, mark both sides of Dutch Square Boulevard for 1320 feet going north toward Broad River Road”
Footage Examples for Road Construction Signs

ROAD CONSTRUCTION AHEAD SIGNS

• Ticket 1: “Starting at Intersection of Joe Brown Road and Knockout Lane // will be installing road construction signs for Road Construction Ahead 500ft north on Joe Brown Road and Knockout Lane // Mark 50ft radius around wooden stake with red flag these are on both sides of Joe Brown Road.

• Ticket 2: “Starting at a point of 500ft from the intersection of Joe Brown Road and Knockout Lane // will be installing road construction signs for Road Construction Ahead 1000 feet north on Joe Brown Road and Knockout Lane // Mark 50ft radius around wooden stake with red flag these are on both sides of Joe Brown Road.

ROAD CONSTRUCTION END SIGNS

• Ticket 1: “Starting at Intersection of Joe Brown Road and Knockout Lane // will be installing road construction signs for Road Construction end 500ft south on Joe Brown Road and Knockout Lane // Mark 50ft radius around wooden stake with red flag these are on both sides of Joe Brown Road.

• Ticket 2: “Starting at a point of 500ft from the intersection of Joe Brown Road and Knockout Lane // will be installing road construction signs for Road Construction end 1000 feet south on Joe Brown Road and Knockout Lane // Mark 50ft radius around wooden stake with red flag these are on both sides of Joe Brown Road.
Kellie Howell
Director of Operations
(800) 290-2783 press 0

Kellie.howell@sc1pups.org
www.sc811.com