

# RICHLAND COUNTY COUNCIL

## SOUTH CAROLINA

### TRANSPORTATION AD HOC COMMITTEE

July 10, 2018  
1:30PM  
4<sup>th</sup> Floor Conference Room

1. Call to Order
2. Approval of Minutes
3. Adoption of the Agenda (Pages 4-14)
4. Decker Boulevard/Woodfield Park Neighborhood Improvement Project was denied TAP Grant Funding (Page 15)
5. Transportation Penny Funds will be utilized to pay for closing Devine Street and Gadsen Street Railroads (Page 16)
6. Crane Creek Neighborhood Improvement Project (Pages 17-27)
  - Approve the Executive Summary from the Public Meeting
  - Approve the Recommended Designs
  - Approve the Design Contract for the OETs
7. Discussion: Transportation Penny funds being utilized for the following facilities at Three Rivers Greenway: (Pages 28-30)
  - Bathrooms
  - Parking Lot
  - Ranger Station
  - Fire Department
8. Status Update: The Dirt Road Program over-committed projects. Years 1 and 2 workload has not been completed. Years 3 and 4 are in the design phase. (Page 31)
9. Approval of The University of South Carolina's Funding Request and Proposed Modifications to Three Bike Path Projects (Pages 32-51)
10. Approval of the MOU between Richland County and the Central Midlands Regional Transit Authority (CMRTA) for distribution of past unpaid actual Revenues (\$5,060,039.96) and interest (\$230,926.13) to begin in Fiscal Year 2019 paying CMRTA based on actual revenues and interest from the Penny Funds (Pages 52-84)
11. Approval for Polo Road Right of Way Easement with the City of Columbia (Pages 85-91)



#### Committee Members

Calvin "Chip" Jackson, Chair  
District Nine

Bill Malinowski  
District One

Yvonne McBride  
District Three

Paul Livingston  
District Four

Norman Jackson  
District Eleven

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12. Approval of the Construction Agreement for Installation of Sidewalk for the Three Rivers Greenway (Saluda Riverwalk) adjacent to the CSXT Bridge approximately 30-feet from centerline of track at RRMP C-1.58 near DOT No. 640441N, Florence Division, CN&L Subdivision pending Legal's comments being addressed (Pages 92-114)
13. Approval for letters recommending awarding bids (Pages 115-174):
  - Sidewalk Package S-6
  - Dirt Road Package G
  - Dirt Road Package H
  - Resurfacing Package O
  - Sidewalk Package S-8
14. Approval of the Utility Agreement for SERN (Pages 175-220)
15. Approval to grant preliminary authority for Transportation Director to approve and sign design contracts (Pages 221)
  - Clemson Road Widening
  - Southeast Richland (SERN) Neighborhood Improvements
  - Atlas Road Widening
  - Garners Ferry Road and Harmon Road Intersection
16. Approval to pay for the Internship Program utilizing General Funds, opposed to utilizing Penny Funds (Pages 222-226)
17. Approval of Utility Relocation Estimates (Page 227)
18. Approval of On-Call Engineering Contracts (Page 228)
  - Polo Road Widening
  - Blythewood Road Area Improvements
  - Spears Creek Church Road Widening
  - Lower Richland Road Widening
  - Trenholm Acres/Newcastle NIP
  - Broad River Road Corridor NIP
  - Smith/Rocky Branch Greenway A, B, C
  - Crane Creek Greenway A, B, C
  - Polo/Windsor Lake, Woodbury/Old Leesburg, Dutchman Greenway
  - Quality Management Contract Modification for group 50 Dirt Roads (Mead & Hunt)

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## TRANSPORTATION AD HOC COMMITTEE

July 10, 2018  
1:30 PM  
4<sup>th</sup> Floor Conference  
Room

19. Transportation Program Update (Pages 229-230)

- Preconstruction Update
- Construction Update

20. Personnel Update

21. Adjournment



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Richland County Council  
Transportation Ad Hoc Committee  
May 31, 2018 – 1:30 PM  
Council Chambers  
2020 Hampton Street, Columbia 29204

COMMITTEE MEMBERS PRESENT: Calvin “Chip” Jackson, Chair; Paul Livingston, and Norman Jackson

OTHER COUNCIL MEMBERS PRESENT: Dalhi Myers

OTHERS PRESENT: Michelle Onley, Tony Edwards, Nathaniel Miller, John Thompson, Trenia Bowers, and Quinton Epps

1. **Call to Order** – Mr. C. Jackson called the meeting to order at approximately 1:33 PM
2. **Approval of the Minutes**
  - a. May 10, 2018 – Mr. Livingston moved, seconded by Mr. N. Jackson, to approve the minutes as submitted. The vote in favor was unanimous.
3. **Adoption of the Agenda** – Mr. Livingston moved, seconded by M. N. Jackson, to approve the agenda as published. The vote in favor was unanimous.
4. **Widening Memorandum** – Dr. Thompson stated this item was discussed at the last ad hoc meeting. It is being brought back before you at the request of Councilwoman Myers. She has requested a study of a Shared Use Path for Bluff Road and Pineview Road, as well as repaving the road.

Ms. Myers stated, to the extent, that we are looking at the widening category, and eliminating the widening for Pineview, Bluff Road Phase 2 and a portion of Spears Creek Church Road. Her concern was how we got to the conclusion that was the best way to get to where we needed to be with the Penny. She raised these questions in the meeting, as to who it was that had come up with this as a way forward. Mr. Beaty was good enough to tell her it was him and his team. Her concern was, have we gotten clarity from SCDOT and the CMCOG as to the assumption we have made on the new direction. The answer was, “Yes, but”, so she went and talked to the CMCOG and SCDOT to get an understanding of what they understood. The CMCOG’s analysis is based on all these projects being done, not some of them not being done. They even analyzed the Pineview traffic based on all the roadway projects, as stated being done. That is different from us modifying, and not widening Pineview, and not completing the widening for Bluff Road Phase 2. In the meeting, we discussed rather than widening Bluff Road, on Phase 2, we could resurface and add Shared Use Paths. And, do the same thing on Pineview. Look to the Procurement Department, and discuss, buying in bulk asphalt and concrete, comparable to SCDOT, rather than waiting year to year as the prices go up and up. She now has an answer back on what the SCDOT has in their annual resurfacing budget, which is between \$50 - \$200 million annually. She was concerned with scrapping the projects, in their entirety,

without any public input, and without an analysis from SCDOT, as the roads specialist. They have said they would never do an analysis 23 years out. A 23-year analysis that says the traffic on Pineview will be less than what it is today is not an analysis that would come out of SCDOT. Their analysis is e more in the 3 to 5-year category, and would be based exclusively on roadway projects underway and current traffic patterns. She was concerned with some of the underpinning of where we are, as well as the fact that the suggestion came exclusively from a committee of the PDT, rather than any input from the experts. Her concerns were, obviously, that we look at alternative means, and making sure we do fulfill our referendum obligations. Obviously, if you do not need a widening, there is no need to do it, but if the need, or lack thereof, for that widening comes from an analysis that has some claws in it, we need to look at it too.

Mr. N. Jackson stated he knows when the PDT made the recommendations they took into account the Shop Road Extension to come to the Air Base Road area. Also, he is not sure where it is on the STIP, or where the funding is for that. Mr. N. Jackson inquired as to the level of service of Pineview and the projected traffic level of service. If it is B or C, then they have a good point. He is not sure what was the projected level of service, and when that road would be built. He is not sure where the Highway Transportation Bill is. He has been hearing people in Congress saying they are pushing for it, and it is supposed to be done but he is not sure where it is.

Mr. Beaty stated he does not have the level of service at the tip of his tongue, but the Coates model does include all of the projects being constructed, as Ms. Myers said. Under that scenario, with Pineview widening, Shop Extension built all the way out to Garners Ferry, and all of the Penny projects constructed, Pineview Road, between Shop and Garners Ferry, where there is more traffic, the current traffic is 16,700. If everything were built, 20 years in the future, the traffic would decrease to 16,000. He stated he will defer to Councilman N. Jackson, but 16,000 – 17,000 on a 5-lane road is probably a level service “B”. Even on a 2 and 3-lane road it is probably a “C”. In fairness to Ms. Myers, he just sent her an email with some additional information, which she obviously has not had a chance to look at. He provided some research, and it is not fully complete, but he wants to have a conversation with Ms. Myers and Dr. Thompson. He stated they have looked into buying in bulk, and the pros and cons. As a part of that email, he got, from the SCDOT, when they would resurface Bluff Road. They predicted it would be 5 to 7 years before they resurfaced Bluff Road, and the same thing for Pineview. From Shop Road to Garners Ferry Road would be 5 to 7 years, and from Bluff Road to Shop Road would be 6 to 8 years.

Mr. C. Jackson inquired, in the scope of the overall Penny project prioritization listing, where do these projects fall on that list.

Mr. Beaty stated the prioritization had them in the middle.

Mr. C. Jackson inquired if that would be in the next 3 – 5 years, 5 – 7 years...

Mr. Beaty stated the Pineview plans have been developed. It is taking about 2 years of development to get them to the point where we could start buying the right-of-way. That would take about a year/year and a half. If we continue with Pineview, it could not go to construction for a year and a half. Bluff is pretty much in the exact same spot. If Bluff were to continue, we are at the right-of-way stage now where we could begin paying right-of-way. That would also take about a year and a half, maybe 2 years. There are some more permitting requirements.

Mr. Livingston stated he is trying to understand the resurfacing and shared used pathways. What is the projected costs for Pineview and Bluff, as opposed to what is in the referendum?

Mr. Beaty stated he is fairly confident the construction costs of each, Bluff Phase 2 and Pineview, are both

right at \$40 million each. The costs in the referendum was approximately \$17 - \$18 million.

Mr. C. Jackson stated the Bluff Phase 2 was \$16.7 million and Pineview was \$18.2 million.

Mr. Beaty stated the Bluff Road number included Phases 1 and 2.

Mr. Livingston stated we do not have enough money to complete those, based on the referendum. Those are not the only ones. There are other ones too.

Mr. Beaty stated that is correct. That does apply to most of the widenings.

Mr. Livingston stated he actually likes, if he's hearing what Ms. Myers is saying. If you cannot do them all, if we can do some resurfacing and shared use that may be compromise, if we have enough money to do it. Are we looking at what that would cost?

Mr. Beaty stated, at Ms. Myers' suggestion, they did a preliminary cost estimate, and he has asked the On-Calls to back check their number. They can build shared use paths on Bluff Road Phase 2, on both sides, for approximately \$4 million. On Pineview, if we built it on one side, it would be approximately \$2.5 million. To resurface each was less than \$2 million.

Ms. Myers stated when they had their meeting, the piece the community wanted was the shared use paths, and certainly resurfacing, because what you have now with one part of Bluff being done by the stadium and the other half needing resurfacing. So, making the road, an integrated road, so that it has all gotten resurfaced, at the same time, and adding the shared use paths all the way down, that makes the communities more livable, is a good trade off, if we are running out of money. She is not backing away from that. She thinks it is great for the community, and it creates an alternate bath for bikers, and gets them off the road and keeps the traffic moving. We agreed the same thing would be great for Pineview, and the numbers that were brought back were excellent. The only outstanding issue is with the addition of the Jushi plant, which SCDOT is saying is a factor that was not in their earlier analysis, you have on the backside of Shop Road, Longwood Road, which was never in any plan. If you do not widen Pineview, you have forced more traffic onto Longwood, which leads back to Garners Ferry. That road is dead center in the Millcreek Community. They have, even now, gotten more truck traffic, so she was also asking them to look at maybe "CTIP" funding, or other funding, to add some safety measures to Longwood, so that community does not get dumped onto with a bunch of 18-wheeler traffic from Jushi leading out to Garners Ferry. She thinks those compromises would be great. If that is where we are with the funding, she would happy to discuss it with the community.

Mr. C. Jackson stated the reason we delayed this, last Council meeting, was to allow the opportunity to have the conversation Ms. Myers has had with the PDT, as well as, from that conversation a conversation with the community. He thinks it is appropriate to move towards that. Obviously, that will not happen before this coming Tuesday's Council meeting.

Ms. Myers stated she has a scheduled meeting with them on Saturday.

Mr. N. Jackson stated the shared use pathway in the residual area, that's great. He would hate to see a shared use pathway in an industrial area where it is seldom, or not really used. On Bluff Road, when USC has events it is used. Pineview is more of a commercial corridor, and to put a shared use pathway where there are only industries. He has seen sidewalks in some areas that grass grows over it, and it is not used. He wants to make sure when you put shared use pathways or sidewalks, it is there to be used, and not just here because we are doing the widening. As for Longwood Road, we just had a meeting the other night

about trucks going through neighborhoods, and we could prevent no through trucks in that neighborhood also. The condition of the turning is more of a headache for tractor trailers to use.

Ms. Myers stated she thinks they would love it if there were posted signs that made it illegal for those trucks to go through their neighborhood. If that is the fix this committee recommends, and we get it marshalled through, she thinks they would love it and its low cost. As to the shared use path on Pineview, there is some concern with the residents, who are there, with the level of traffic, even now.

Mr. N. Jackson stated back to Bluff he can understand, but not from Shop to Garners Ferry.

Mr. Livingston stated one of the reasons he was okay with Pineview is because Mr. Beaty stated the shared use path would only be on one side.

Ms. Myers stated, even on one side, that makes Pineview a lot safer than it would be. One side is absolutely fine, and the costs is something that could be accommodated within the budget, so long as the communities understand the modifications going forward. And, we make them aware this is not selling them out, but is providing a reasonable fix that gets the program in a space where everybody is moving on the same track, at the same time.

Mr. C. Jackson stated the conversation we had last time, that dealt with the no through trucks signage, also had attached to it enforcement as well. The signs, in and of themselves, would probably not be sufficient. He does not want us to lose that piece of it when we say the signage is good because part of the conversation was to include the enforcement.

Mr. Livingston moved, seconded by Mr. N. Jackson, to forward to Council with a recommendation to move forward with proposal, to include the shared use pathways for Pineview Road and Bluff Road, and also look at adding safety measures on Longwood Road. The vote in favor was unanimous.

Mr. C. Jackson inquired if there is any additional information regarding the STIP. Are we pursuing that?

Mr. Beaty stated he reached out to the CMCOG and has not gotten a response back. At one point, there was an earmark, that Mr. N. Jackson referenced, for Shop Road. He does not know what has happened to that earmark, so he has inquired, with the CMCOG.

Mr. N. Jackson stated, usually, if it is in the STIP, it is supposed to stay there unless there is a recommendation to take it out. As we built Phase 1, it was still in the STIP. That money is supposed to come back to the Penny Tax Program.

Ms. Myers stated we also talked in the meeting about savings from bulk purchases through our Procurement team. She wanted to follow-up to see if the Transportation Department had been supplied with any number on how much actual asphalt and concrete we purchased for the program last year, so they would have some numbers to run to see if that is worth the effort.

Mr. Beaty stated they just got finished compiling all that information, and it was provided to Ms. Myers and Dr. Thompson this morning.

Dr. Thompson stated Clemson Road is a good project to figure out the costs, as we move forward, and to also trend the costs in prior years.

5. **County Letter to SCDOT Regarding the \$52.5 million for the I-20/Broad River Interchange** – Dr. Thompson stated part of the PDT’s recommendation, to save \$143 million to the program, was to defer the \$52.5 million going to the SCDOT for the I-20/Broad River interchange. The recommendation from staff is to broach the subject with SCDOT on whether they are going to pursue those funds versus us doing this waiting game, and them coming and asking us for \$52.5 million when we have encumbered those funds for other projects.

Mr. Livingston stated what he would like to know, when you are talking about Malfunction Junction, is any of that in Lexington County. If they want Richland County to pay for it, then he expects Lexington County to pay for it too. Just because they did not do a penny, and we did, and our taxes are paying it. It is totally unfair for us to give them our money, and Lexington County does not have to pay for it.

Mr. N. Jackson stated he will reiterate again, all funding, for any State road that is in the STIP, if the Penny Tax Program pays for it, when that money is appropriated, we are supposed to be reimbursed. That was his understanding when we did the Penny Tax. If it is in the STIP, and Congress approved those funds, if SCDOT gets it, they are supposed to give it back to us.

Ms. Myers stated it could be a letter to confirm that they are now in charge of the project, and all associated costs, rather than asking.

Dr. Thompson stated, to put the conversation in perspective, because SCDOT and the County has a IGA for Hardscrabble Road, they came for their 3<sup>rd</sup> installment of over \$9 million. The total project is \$29 million. The commitment from the County is \$2 million – Construction, Engineering and Inspection (PDT); and \$27 million – SCDOT.

Ms. Myers stated then the letter could be alternating language. We understand you have assumed all costs associated with this project, as per your recent funding. If the County is expected to participate, at all, in this this, we further understand that when the STIP reimbursement arrives, that will be remitted to Richland County. And, in that way, you make it clear, no matter where this money starts, we expect it to end up back with our taxpayers.

Mr. C. Jackson stated the other twist is, that with Hardscrabble, it was always a shared cost, out the gate, this one is a total consumption of the costs by SCDOT.

Mr. N. Jackson inquired if SCDOT had received the money to move forward with the widening.

Dr. Thompson stated he does not know. He will have to research this.

Mr. Beaty stated the Malfunction Junction Project, which they are rebranding as Carolina Crossroads, has been fully funded by the State Legislature. The State is putting up the majority of the money, and there will be some Federal funds. The point being, through Federal funds and the State Legislature, they have fully funded Carolina Crossroads, which includes the I-20/Broad River Road Interchange. So, they physically cannot only replace where I-20 crosses I-26, without replacing I-20 and Broad River Road. Most of the project is in Richland County, but a portion of it is in Lexington County.

Mr. C. Jackson stated it is his understanding the committee’s request would be to craft a letter that makes a statement regarding our expectations of the project funding, as it is going forward, as opposed to asking SCDOT what they are expecting from us. As well as, Mr. N. Jackson keeps reminding us, to make sure that any Federal dollars that come down we are expecting to be reimbursed.



Mr. Livingston moved, seconded by Mr. N. Jackson, to forward to Council with a recommendation to have staff draft the letter to the SCDOT. The vote in favor was unanimous.

6. **Greenway Memorandum:**

- Three Rivers Greenway
- Lincoln Tunnel
- Gills Creek Section A
- Gills Creek Section B
- Gills Creek Section C
- Smith/Rocky Branch Sections A, B, C
- Crane Creek Sections A, B, C
- Columbia Mall Greenway
- Polo/Windsor Lake Connector, Woodberry/Old Leesburg Connector, and Dutchman Boulevard Connector

Dr. Thompson stated the Greenway Memorandum for the PDT to proceed with doing the design.

Mr. N. Jackson stated, for clarification, that we did not make a decision on Gills Creek Section B. Also, we did not make a decision on the City deciding they want to move from 8' to 14'. He thinks we tried to tell the City they need to live up to what they agreed to, in the beginning. They want it for maintenance.

Mr. Livingston stated his position on the City, if it is \$3 million for a project, and it's within the City, and they want to shorten or widen, they pay for it.

7. **Bluff Road Phase 1 Final Change Order** –Dr. Thompson stated this project has gone beyond the total amount of the project, plus the contingency amount by approximately \$75,000. The PDT would like to move forward with this project, if this change order is approved.

Mr. N. Jackson moved, seconded by Mr. Livingston, to forward to Council with a recommendation for approval. The vote in favor was unanimous.

8. **Gills Creek Greenway Section A Final Design Approval** – Dr. Thompson stated this item is to give the PDT approval to move forward with the design work on Gills Creek Greenway Section A.

Mr. N. Jackson inquired if that included additional widening by the City of Columbia.

Mr. Beaty stated the City staff, which he talked with yesterday, are strongly sticking with their recommendation, and their City Council has approved, that if they are to maintain and provide security for greenways, within the City, they shall be 14' wide. He has expressed concern that it could be less than 14', and the City staff are digging in with 14', within the City for greenway widths. What we are proposing to move forward with is, on Gills Creek Greenway A, and all of the greenways are going to be capped to the referendum amount, so Gills Creek A had \$2.246 million in the referendum, and that is all that is going to be spent on the greenway. If it gets wider, it just gets shorter.

Mr. N. Jackson stated if they want to it to go to the original length, then the City will find the money to do it, not them come back to us and say can you use money from this to lengthen it.

Mr. Beaty stated about half of the greenways are outside of the City. And, as we develop those, we will recommend they be more narrow to get a greater length, but at least County Council will have that prerogative for greenways that are located outside of the City. This service order would take Gills Creek through final construction plans, and allow the On-Call to do the final design.

Mr. C. Jackson inquired if the construction reflects the 14' widening.

Mr. Beaty responded in the affirmative.

Mr. C. Jackson inquired if it will also reflect the shorter distance, based upon the funding available.

Mr. N. Jackson stated, for clarification, that a shared use pathway is 10' wide, right?

Mr. Beaty stated it depends on who you ask, and the City says, in an urban area, it should be 14'.

Mr. N. Jackson inquired about what the SCDOT says.

Mr. Beaty stated with SCDOT it varies. What we are designing is for 2-way pedestrian traffic. On a shared use path, it must be 10'. Now you can build them 8' wide, but then you must build them on both sides of the road because 8' is only one-way.

Mr. N. Jackson stated he just wanted to clarify that, and the City's justification, and it can be narrower in the rural area. He just wanted to see the standard to make sure everyone is treated, at least to the standard.

Mr. Beaty stated he would recommend, in the County, that it be between 10' – 12', but we are a long way from there.

Mr. N. Jackson stated, we are a long way from getting there, but the City is moving forward in the unincorporated area. It seems like everything has progressed in the City, and people in the unincorporated area are asking when we are going to get to them.

Mr. Beaty stated Dr. Thompson has a great idea that should be shared with the committee. He stated Council previously approved them engaging the OETs to begin the other designs. They are going to begin the design process for about 9 or 10 of the greenways in the next few weeks. Then, they will have public meetings, and come back with recommendations in approximately 6 – 9 months about which projects move forward, with what particular width, etc.

Mr. N. Jackson inquired if these recommendations will be a part of the budget, or is it separate.

Mr. Beaty inquired if Mr. N. Jackson was asking about the budget for each individual project.

Mr. N. Jackson stated the County's budget. He inquired if the recommendations will be a part of the County's annual budget.

Mr. Beaty stated he believes these are what they provided to staff to include in the budget.

Mr. N. Jackson stated, the reason why is, because we have made decisions on Gills Creek B. He would encourage his colleagues to get some recommendations and proposals to see what we can do with the funding.

Dr. Thompson stated we are around \$117 - \$118 million for funding to the PDT for the next fiscal year. That will help to cover their design costs, as well as construction, for all of the projects they identified for FY19.

Mr. N. Jackson stated he is talking about the unused funding from Gills Creek Section B, which is approximately \$2 million.

Dr. Thompson stated they will not touch the funding, based on Council's recommendation.

Mr. N. Jackson stated, if we can come up with ideas before the budget, or if the funding is in the budget, so we do not have to do a budget amendment to move forward.

Mr. C. Jackson stated the Conservation Commission, Mr. Malinowski, etc. have some ideas to spread it around, with the remaining projects. He stated Mr. N. Jackson is correct, we need to come up with some of our own, as a committee.

Mr. Livingston moved, seconded by Mr. N. Jackson, to forward to Council with a recommendation to move forward with the final design of Gills Creek Greenway Section A. The vote in favor was unanimous.

9. **2018 BUILD Grant Application for Shop Road Extension Phase 2** – Dr. Thompson stated staff is proposing to pursue the BUILD funding to better utilize investments to leverage development transportation grant dollars from the US Department of Transportation. They plan to pursue the dollars in the amount of \$25 million for the Shop Road Extension Phase 2 Project. This is also a recommendation from the PDT.

Mr. N. Jackson inquired if the County would be carrying the proposal to complete Phase 2.

Dr. Thompson responded in the affirmative.

Mr. N. Jackson stated it started as a SCDOT project, and it is in the STIP. He is not sure where SCDOT is with getting the funding in the STIP. He stated he knows it is a SCDOT project, it's a State road, and we were doing part with the Penny, and were to be reimbursed. If we can move it forward, as long as there is an understanding that it is really their project.

Mr. Livingston moved, seconded by Mr. N. Jackson, to forward to Council with a recommendation to move forward with the grant application. The vote in favor was unanimous.

Ms. Myers inquired if there are any other road projects that would fit within the BUILD guidelines. If there is Federal money available, and we have a need, and our projects fit within these guidelines, why would we not apply for all that fit within the guidelines.

Dr. Thompson stated he does not see why we could not apply it to another project, but he is going to ask Mr. Beaty to address your questions.

Mr. Beaty stated the Trump Administration has changed the TIGER Grant to the BUILD Grant, and they have changed some of the rules. They have put more emphasis on rural projects, so they recommended, that of the widenings, most of them, if not all of them, could be considered urban. Shop Extension could be considered the most rural of any of them. That is why we identified Shop Road because it would better meet the requirements of the grant.

Ms. Myers stated, if this is the case, and we certainly have constriction in several areas with the farm to

market roads, the old dirt roads the County owns, would any of those fit within the BUILD guidelines. We have about 900 roads on that list. If we could look at analyzing those roads, because some of those are pretty heavily used.

Mr. N. Jackson inquired if there is a maximum amount in the grant.

Dr. Thompson stated \$25 million per grantee.

10. **2017 Annual Report** – Mr. C. Jackson stated the County PIO and PDT PIO has reviewed the report. The only question now is to release it so it can be posted on the website, and used to share where things were and are in the past year.

Mr. Livingston moved, seconded by Mr. N. Jackson, to accept the document as information and forward to Council with a recommendation to release it to the public. The vote in favor was unanimous.

11. **PDT Update** – Mr. Beaty stated they opened the bids on 2 projects. One was the Magnolia/Schoolhouse sidewalk projects. There were 2 bidders, one of which was very close to the engineer's estimate. The low bidder was very much below our engineer's estimate. They are evaluating the bids. They also took bids on the pedestrian intersections, which were about 18 intersections where we were providing handicap ramps, and push buttons for crossing. Both of those bids came in higher than the engineer's estimate, so they are going to have to evaluate that very hard before they make a recommendation. They are receiving bids, in about another week, on 2 packages of dirt roads (Package G and H). Those are due June 6<sup>th</sup>. Then, June 27<sup>th</sup> they are receiving bids on 2 more small sidewalks, Pelham and Tryon, and Resurfacing Package O. They are going to work on advertising Clemson Widening. The Southeast Richland Neighborhood project is still a few months away. They are still trying to get the CLOMR from FEMA. The Broad River Neighborhood Project is very close to advertising. They have received right-of-way authorization from the SCDOT to start buying the right-of-way on another intersection, Garners Ferry and Harmon. The referendum included 15 intersections; 7 have been completed; 3 are in construction; and 5 are at the right-of-way acquisition stage. They hope to be able to go to construction with 3 of the 5 in early 2019. The resurfacing program had \$40 million in the referendum, and thanks to the CTC, they have been able to bring in another \$1.4 million. Of the \$41.4 million in resurfacing, staff and the PDT have committed \$30 million through design or construction. They hope to be able to commit the other \$10 million in 2019 – 2020. They will likely come back to you at the next ad hoc committee meeting with the Crane Creek Neighborhood Summary from the public meeting, and recommendations to move forward with the design. The SCDOT approved the Shared Use Path Agreements for Clemson Road, Southeast Richland Neighborhood Project, and Polo Road. The 5 On-Calls, he mentioned earlier, they are engaging them with approximately 2 design projects each. By doing that, they will have most of the program in some level of development. Lastly a construction overview:

- 3 Rivers Greenway – Moving along very well
- Shop Road Extension Phase 1 – The rain has slowed things down, but it is moving. There has been some concrete and asphalt paving done on it. Mr. Beaty asked the Construction Manager to talk to the contractor, and China Jushi's contractor, to request the trucks leaving the construction site, and turning right onto Longwood, to come to a complete stop. They have also requested some additional rock, so they run over the rock, and leave some of the dirt, so they do not carry all of that dirt onto Longwood.
- Farrow/Pisgah Intersection is under construction.
- Resurfacing Packages – The contractors plan on getting started in June when paving season begins.

Ms. Myers stated in looking at this, if you look at the resurfacing notes in your update, since the inception of

the Penny Program we have resurfaced 200 roads. Dirt roads, from last year to this year, we have paved 2. Before the Penny, the County had paved 28. Then Penny paved 5, and the total is 38. She knows Mr. N. Jackson shared this sentiment, but they are getting clobbered by people in the areas where their only output from the Penny is the dirt road paving project. She inquired if that project is too small to be under the PDT's purview. Meaning, because dirt roads are labor intensive on the front end, but not the back end. You got to go knock on a bunch of doors. You got to have the manpower to do that. Does it make more sense for the County itself to be handling that internally, so we can get some movement? Surely if we can resurface 50 paved roads a year, but to only be able to pave 2 dirt roads, which are much shorter, and less complicated, she does not understand.

Dr. Thompson stated that is a great point that Ms. Myers brought up. Probably because of the lack of effort because the PDT does not manage that program.

Ms. Myers inquired as to who does.

Dr. Thompson stated the County does, and you can imagine with a small shop. He stated their team is what you see in here. PDT's team is larger. He would make a recommendation, if PDT is able to manage the program, it would be in the best interest of the County for them to manage it, just like they are managing resurfacing projects, greenways, bikeways, and road widening projects. Why do we discriminate against this program, to the tune of \$45 million? Also, keep in mind we hit a major roadblock at the beginning of this program, with one of the vendors. He does not think we have time now to hit this 2<sup>nd</sup> roadblock that is coming upon us. He said publicly, that Mr. Beaty has been more than cooperative in extending the olive branch, and saying what came I and my team do to help you out.

Mr. N. Jackson stated, for clarification that means the OETs will not get involved in it.

Mr. Beaty stated, right now, the way the contract has been set up, the PDT's role is very limited, and their role was whenever the public involvement, the right-of-way, the design is done by others, managed by staff, and done by the 5 On-Calls. Then, the PDT advertises for construction and does the inspection. They have had a very limited role, up to this point. The current process today is staff is managing the 5 On-Calls who are doing the design work.

Ms. Myers inquired as to what that means. Do you mean they will take over the doing from beginning to end? What does it mean?

Dr. Thompson stated they would manage the On-Call Engineer Teams.

Ms. Myers stated so somebody would be saying, if you have been given 5 roads to pave, and you have had those 5 roads since 2014, and you have not paved them, we are taking those and giving them to someone else. Somebody would then managing that.

Mr. C. Jackson inquired as to what schedule Mr. Beaty currently provides an update on all the other projects he manages.

Mr. Beaty stated they provide a monthly progress report, and met weekly with County staff.

Mr. C. Jackson stated this would then be incorporated into that. So, now another element in that report would be the status of those dirt road projects.

Mr. Livingston moved, seconded by Mr. N. Jackson, to amend the agenda to add the status of Penny invoices,

the summer internship, and the management of the dirt road paving program. The vote in favor was unanimous.

Mr. Livingston inquired about the invoices related to the Penny program.

Dr. Thompson stated the only "snag" he has is with Invoices #40 and #41 to the PDT for the administrative costs because the County is waiting for a decision from the Circuit Court, after we receive the decision from the SC Supreme Court. They now know what to do. He stated there was a "hiccup" in Accounts Payable, in terms of paying nearly \$1 million for 2 months' worth of administrative services. They cut a check, because the money had to come out of 2 different pots, the General Fund and the Transportation Penny Tax funds.

Mr. Livingston stated he got a call from someone at Benedict College, which was one of the places where we had a summer program for persons interested in learning about Transportation. Based on his understanding of DOR, that is probably not an allowable to be funded with the Penny Program. He stated, if the County benefitted, we should look at a way of doing it. We should, at least, have a discussion about whether or not we should continue.

Dr. Thompson stated he has been in conversation with Mr. Beaty. He has already had a conversation with Dr. Yudice, as well as, the County PIO Office. We are moving forward. We are not going to circumvent what the Circuit Court or the SC Supreme Court has said. What we are going to do is, the County is going to be lead, so we are not worried about using the Penny funds. Tony, on our team, will conduct the construction project tours. We will coordinate with COMET, in terms of getting transportation for about 35 students. Mr. Beaty has emailed his contact at Benedict, and asked her to reach out to him.

Mr. N. Jackson moved, seconded by Mr. C. Jackson, to forward to Council a recommendation to transfer the management of the dirt road paving program to the PDT. The vote in favor was unanimous.

12. **ADJOURN** – The meeting adjourned at approximately 3:00 PM

**From:** Peterson, Machael M [mailto:[PetersonMM@scdot.org](mailto:PetersonMM@scdot.org)]  
**Sent:** Tuesday, June 05, 2018 1:50 PM  
**To:** Reginald Simmons <[rsimmons@centralmidlands.org](mailto:rsimmons@centralmidlands.org)>  
**Cc:** Cooper, Herbert J <[CooperHJ@scdot.org](mailto:CooperHJ@scdot.org)>; Necker, Jennifer L. <[NeckerJL@scdot.org](mailto:NeckerJL@scdot.org)>; Brown, Tevia D. <[BrownTD@scdot.org](mailto:BrownTD@scdot.org)>  
**Subject:** TAP Projects

Reginald,  
 SCDOT has reviewed the application and funding package submitted for the Richland County TAP application. Should the applicant receive award of the maximum funding allowed by the COATS TAP program in the amount of \$180,000.00, that funding would only amount of a very small percentage of the overall project costs. Please understand that SCDOT must consider its risk/liability for each project when determining its concurrence with project funding. We are getting applications for federal aid funding for otherwise eligible project work whose contribution may be less than 1% to 15% of the overall project cost. This addition of funding, though very small results in the same amount of required SCDOT oversight as would a larger funding contribution, however, the cost benefit must be considered. This includes adherence to all federal requirements, SCDOT approvals, etc. and local impacts to project schedules for which SCDOT must report on as a federal aid project.

LPA	Project Name	Project Cost	Federal-aid Funding Req.	Federal % of Project Cost
Richland County	Decker Blvd. Woodfield Park Neighborhood Improvements	\$11,512,165.64	\$ 180,000.00 - TAP	1.6%

Having given consideration to the attached projects, risks, liability, and the SCDOT human investment needed to oversee these projects, it has been determined that this office will not approve the requested funding for this project and the County should be directed to develop and construct their project under an encroachment permit.

Please let me know if you have questions or need additional information.

Thank you,



**Machael M. Peterson, CPM**  
 Local Public Agency Administrator  
 South Carolina Department of Transportation  
 955 Park Street | P.O. Box 191  
 Columbia, South Carolina 29201  
 803.737.1618 p | 803.737.0323 f  
[petersonmm@scdot.org](mailto:petersonmm@scdot.org)

## Transportation Penny Funds will be Utilized to Pay for Closing Devine Street and Gadsden Street Railroad Crossings

### Discussion Point (Information Only):

The design of the Greene Street Phase 2 project is 95% complete and Right of Way Acquisition is greater than 50% complete. Outstanding issues include final Right of Way agreements with the University of South Carolina, a property owner with several tracts, and Railroad permits. Specifically, much coordination has been conducted and is continuing to be conducted with the Norfolk Southern Railroad.

A December 13, 2000 agreement between the City of Columbia and Norfolk Southern included closing Devine Street, upon the completion of the Greene Street Phase 2 bridge, as well as the closure of Catawba Street and Flora Street. Through on-going coordination with the City and Norfolk Southern, the City and Norfolk Southern have agreed to the closing of Devine Street as well as Gadsden Street, in place of Flora Street and Catawba Street. In order to obtain the Norfolk Southern construction, permit for the Greene Street Phase 2 bridge, Norfolk Southern is requiring the Greene Street Phase 2 project include road crossing closures of Gadsden Street and Devine Street. Since the crossing closures are required to receive the permit to construct the Greene Street bridge, the Program Development Team is working with the project engineers to incorporate the closures into the Greene Street Phase 2 plans. It is brought to Council's attention that off-site construction at the railroad crossings of Devine and Gadsden will be conducted as part of the overall Greene Street Phase 2 project.

### Recommendation:

This item is provided for information only, therefore no action is requested.



## EXECUTIVE SUMMARY

Date: 5/30/18

To: Dr. John Thompson  
Director of Transportation

From: David Beaty, PE  
Program Manager

**RE: Crane Creek Neighborhood Improvement Project – Public Meeting  
Summary with Recommendations**

The Crane Creek Neighborhood Improvement Project (Crane Creek NIP) is one of seven Neighborhood Improvement Projects included in the 2012 Referendum. The total budgeted amount was \$14.385 million. The Richland County Transportation Program has conducted one public meeting for the Crane Creek NIP as well as completed conceptual studies. The program has also met with the South Carolina Department of Transportation (SCDOT) and Richland School District 1. This Executive Summary will provide an overview of the public meeting and offer recommendations to advance the project.

### April 19<sup>th</sup>, 2018 Public Meeting

The Richland County Transportation Program held a public meeting for the Crane Creek NIP on Thursday, April 19<sup>th</sup>, 2018 from 5:00 to 7:00 p.m. at the Forrest Heights Elementary School, located at 2500 Blue Ridge Terrace. The meeting was conducted with an informal, open house format with project displays and Richland County Transportation Program representatives on hand to answer questions. Upon entering the meeting, individuals were provided a handout and a comment card. After reviewing the project displays, the attendees were encouraged to provide comments on the project as well as rank various improvements within the neighborhood plan. There were 52 people in attendance for the meeting.

The project displays provided an aerial overview map and typical sections of the proposed improvements for the neighborhood. The proposed improvements included Monticello and Fairfield Major Streetscape, Blue Ridge Terrace, Heyward Brockington Rd, and Crane Church Rd Minor Streetscape, Lincolnshire North Dr, Dakota St, Roberson St, and Sea Gull Ln Sidewalk Improvements, and Pedestrian Pathways. The major streetscapes included components such as sidewalks, trees and planted medians while the minor streetscapes included sidewalks and trees.

A total of 110 comment cards were received during the comment period. The following lists the improvements in order of preference with one being the preferred.

1. Minor Streetscapes (Blue Ridge Terrace, Heyward Brockington Rd, and Crane Church Rd)
2. Sidewalk Improvements (Lincolnshire North Dr, Dakota St, Roberson St, and Sea Gull Ln)
3. Major Streetscapes (Monticello Rd and Fairfield Rd)
4. Pedestrian Pathways

9 comments were received concerning children's safety and the need for sidewalks extending from Forest Heights Elementary. 9 comments were received requesting lighting however there was no lighting in the 2012 cost estimate. 6 comments asked for paving of Larger St and Sara Matthews Rd both of which are in the Penny's Dirt Road Paving Program but are not part of the Crane Creek Neighborhood Plan. A breakdown of all the public comments and preferences is shown in the attached documents.

### **Recommendations**

As a result of the comments received from the public meeting, coordination with project stakeholders as well as consideration of safety, project impacts, and available funding, a number of recommendations are offered.

Based on conceptual cost estimates, the following improvements approximately sum to the project budget and are recommended for further design studies:

1. Minor Streetscape Blue Ridge Terrace Rd  
The streetscape includes street trees and sidewalk improvements with ADA accommodations.
2. Minor Streetscape Heyward Brockington Rd  
The streetscape includes street trees and sidewalk improvements with ADA accommodations.
3. Minor Streetscape Crane Church Rd  
The streetscape includes street trees and sidewalk improvements with ADA accommodations.
4. Sidewalk Improvements along Lincolnshire North Dr, Dakota St, Roberson St, and Sea Gull Ln
5. Major Streetscapes Monticello Rd  
The streetscape includes street trees/shrubs, sidewalk improvements with ADA accommodation, and planted medians. Project issues specific to planted medians will be studied with the development of the design. Planted medians along Monticello Rd were recommended in the Crane Creek neighborhood plan and presented at the April 19, 2018 public meeting. Coordination with SCDOT and new developers will be required and could adjust the amount of planted medians that could be done due to access points. The proposed planted medians will be non-continuous to allow left turn movements into key intersections.



## TRANSPORTATION PROGRAM

### **Crane Creek Neighborhood Improvements Project**

**Public Meeting Summary April 19, 2018**

**May 30 2018**

The Richland County Penny Team held the Crane Creek Neighborhood Improvements Public Meeting on Thursday, April 19, 2018 from 5:00p.m. to 7:00p.m. at the Forest Heights Elementary School located at 2500 Blue Ridge Terrace.

The meeting was advertised through road signs, fliers and media alerts. Road signs were strategically placed throughout the project area. Fliers were distributed by email and in person to businesses, neighborhood leaders, apartment managers and other stakeholders in the project area. A media alert was distributed the week before and the week of the meeting. The State and the Northeast News published stories about the meeting and WIS, WLTX, WOLO and WACH promoted the meeting.

The meeting was an open house format. Residents were greeted at the building entrance, checked in at a sign-in table, were provided a handout and comment card, and were directed to the meeting room where members of the Program Team manned the overview board and project display boards. Once residents were provided the overview they were directed to the project boards which displayed each of the different alternatives for streetscaping, pedestrian sidewalks and boardwalk projects. Comment card boxes were available and attendees were encouraged to provide their comments by the deadline of Friday, May 4.

**Meeting Attendance: 52**

**Comment Cards Left at Meeting: 33**

**Comment Cards Mailed: 8**

**Comments Dropped off at Neighborhood Planning: 69**

**Total Comment Cards Received: 110**

## **COMMENT SUMMARY**

Residents provided feedback on the seven (7) different alternatives and ranked them in order of favorite to least favorite for the project with favorite being 1 and least favorite being 7. The average ranking for each project was calculated by dividing the sum of each projects votes by the total amount of votes cast. A total number of 99 votes were cast with a total number of 141 resulting in a 1.42 average for the minor streetscapes. Below is a chart which ranks the different project alternatives by the comments received.

<b>Comment Type</b>	<b>Average Project Ranking</b>
Major Streetscape - Monticello Road and Fairfield Road	<b>2.70</b>
Minor Streetscape - Crane Church Road, Blue Ridge Terrace, and Heyward Brockington Road	<b>1.42</b>
Neighborhood Sidewalk - Lincolnshire North Drive, Dakota Street, Robertson Street, and Sea Gull Lane	<b>2.43</b>
Pedestrian Pathways - Crane Creek Main, East of Monticello, and Forest Heights Elementary	<b>3.89</b>
Pedestrian Pathways - Crane Church to Blue Ridge	<b>5.21</b>
Pedestrian Pathways - Heyward Brockington to Crane Creek	<b>4.89</b>
Pedestrian Pathways - Lincolnshire to Crane Creek	<b>6.54</b>

### **Major Streetscape Comments:**

- Major streetscaping should include lighting
- Major streetscaping also on west side of Monticello and east side of Fairfield (i.e. sidewalks and lighting)
- If the funds are used to do major streetscape projects I hope they put down speed bumps. There is a lot of reckless driving in our neighborhood. I also hope that once the projects are completed the areas are sustained so they are "environmentally friendly"

### **Minor Streetscape Comments:**

- Sidewalks on Heyward Brockington Road
- Sidewalk needs to be extended on Blue Ridge Terrace to Monticello Road (both sides)
- Sidewalk for children walking home from Forest Heights school
- We need street lights and sidewalks along the undeveloped part of Blue Ridge
- Sidewalks are needed farther down Crane Creek Church Road past Lincolnshire. Children are walking on the road daily. There have been several near accidents that could have caused someone to lose their life
- Sidewalks are definitely needed down Blue Ridge Terrace. I used to walk down Blue Ridge to Hayward Brockington but stopped because there were no sidewalks. I hated going in the grass every time a car passed.
- Sidewalks on Heyward Brockington Road and Blue Ridge Terrace would be better service to the neighborhood. (Priority #1)

- Sidewalks to and from the school, Forest Heights Elementary, is the most important improvement that needs to be made. It will help improve the walkability of all neighbors. It has also been identified as needed in the Walkable 2020 Plan.

#### **Neighborhood Sidewalk Comments:**

- Sidewalk from Blue Ridge Terrace to Monticello Road
- The highland Forest community is in need of sidewalks to connect to Sharpe Road Park and to other subdivisions to the west and to stores and communities to the south like Meadowlake and the new Dollar General store on Wilson Boulevard
- A neighborhood sidewalk is needed along both sides of Peachwood Drive (Main Road)
- Want to ensure children's safety with sidewalks
- Sidewalks on both sides of secondary roads where possible
- "Much Needed" sidewalks in our area safety precautions

#### **Pedestrian Pathways Comments:**

- I believe I would get out and walk, visit neighbors
- Pathway around Blue Ridge Terrace coming around curb in the neighborhood need light and pathway.
- Pedestrian Pathways (AKA four-wheeler trails) not recommended due to high crime possibilities
- Pathways, light for streets\
- Boardwalk option should be the last option to fulfill. There would be not enough usage in that they don't connect to anything. Put more emphasis on major street improvements with lanes for bicycles. That's your biggest bang for the buck!
- Possible parking access at trail and boardwalk entrance
- Pedestrian pathways need to be well lit (plenty of street lights)
- The pedestrian pathways will be much needed beautifications. I can see myself walking these pathways

#### **Other Comments:**

- Is the Highland Forest Community included in the Crane Creek projects? There seems to be no inclusion of this project. Why isn't Highland Forest included?
- Highland Forest needs sidewalks to and from nearby areas.
- Highland Forest has no nearby bus service. Why isn't our neighborhood included in providing transportation?
- I think homeowners should take pride in their property by clean-sweeping your street
- My first priority is sidewalk extension for Forest Heights Elementary School fown Blue Ridge Terrace
- Pave Larger Street

- Pave Sara Matthews Road
- Need sidewalk the entire Blue Ridge to Monticello Road
- I welcome this opportunity. I have lived here for over 40 years in Crane Forest. When it was truly a great community back in 1971 when my late husband and I build our home. Now I have grandchildren and great-grands who attend Forest Heights Elementary School. I would like to see sidewalks and proper lighting for them to be able to walk to and from school, ride bike and walk pets in a well-lighted and safe pathway. Also, I would like to see more lighted pathways and pretty landscaping along Monticello Road and especially down Blue Ridge Terrace. Thank you for this opportunity.
- Pave road on Larger Street
- Highland Forest is in need for nearby bus service. The closest bus stops are about one-mile walking distance along busy Wilson Boulevard or dangerous curvy and hilly Sharpe Road. Walking routes to bus service are safety hazards without sidewalks and are in busy thoroughfares.
- Priority #1: to ensure child safety. We need a sidewalk from Forest Heights Elementary School (Wigeon Drive) to Heyward Brockington (Approx. 3 blocks)
- Priority #2: Pave Larger Street
- Priority #3: Pave Sara Matthews Road
- Pedestrian Pathways - Crane Creek Main, East of Monticello, and Forest Heights Elementary, Pedestrian Pathways - Crane Church to Blue Ridge, Pedestrian Pathways - Heyward Brockington to Crane Creek, and Pedestrian Pathways - Lincolnshire to Crane Creek are not necessary.
- Street lighting along un-developed area of Blue Ridge Terrace
- Pave Blue Ridge Terrace
- Allocate funds for renovations for neighborhood park for kids
- Concerned about who will be responsible for landscaping and upkeep of property once established. Will newly constructed pathways be well lit and secured by law enforcement to eliminate any isolated areas suitable for crime and delinquency?
- As far as transportation is concerned, it would be useful to have transportation available for bussing youth/seniors to/from the Denny Terrace Recreational Facility from the Fairfield, Crane Creek Church, Heyward Brockington and Blue Ridge Terrace neighborhoods
- Suggest reflectors in roadways, especially on Crane Creek Church Road, Blue Ridge Terrace, Heyward Brockington Road
- All needed!
- Priority #2: For child safety – sidewalk from Forest Heights Elementary School (Widgeon Drive to Heyward Brockington – 3 blocks)
- Priority #3: Pave Larger Street
- Priority #4: Pave Sara Matthews Road
- Priority #1: Pave Larger Street
- Priority #2: Pave Sara Matthews Road
- All is needed. A vote for what is more/mostly important
- The paving of Larger Street and Sara Matthews Road is a priority for improvement fir the community. Although bot on the list, and having a separate pot of money, as part of the Master Plan for Crane

Creek, I believe they are of utmost importance given the amount of time having been promised to be paved.

- Blue Ridge Terrace road needs paving
- I would also like to see more street lights on Blue Ridge Terrace and parks to help each neighborhood clean-up and do minor fixes for the houses to maintain or increase property values to go along with the neighborhood improvements.
- Requesting reflection lights on dark roads
- All needed
- Blue Ridge Terrace needs to be paved over not just patched
- Reflection lights on dark streets
- Reflections lights on dark streets
- Thank you

# CRANE CREEK NEIGHBORHOOD IMPROVEMENTS

## PUBLIC MEETING

APRIL 19, 2018



### TRANSPORTATION PROGRAM

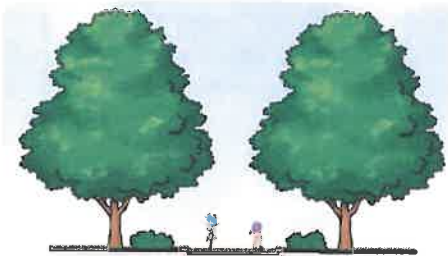
#### Welcome

The purpose of the meeting is to gather input from the local community, concerned citizens and project stakeholders on the proposed improvements in the Crane Creek Neighborhood area. You are encouraged to review the various displays and discuss your questions or concerns with any of the Richland Penny Program representatives.

There are limited funds available for these neighborhood improvement projects. Please rank the potential projects on the comment card provided based on what is important to you. With the seven potential projects, the improvements you desire the most should receive a ranking of "1" (1=highest priority, 7= lowest priority).

A map of potential neighborhood improvement projects is provided on the reverse side. The types of improvements are described below.

#### Pedestrian Pathway



The pathways will be a paved path for use by pedestrians and cyclists and may include bike racks, trail sign-age and benches.

#### Major Streetscape

The improvements may include sidewalks, crosswalks, pedestrian signals, median extension for pedestrian refuge, traffic signal mast arms, lane and signal adjustments, landscaping and pedestrian lighting.

### Project Overview

The Richland Penny Program is proposing neighborhood improvements to the Crane Creek Neighborhood area. The project includes streetscaping, intersection improvements, addition of sidewalk and pedestrian paths, and designated bike routes. These improvements will take place on Monticello Rd, Fairfield Rd, Crane Church Rd, Blue Ridge Terrace, Heyward Brockington Rd, and various other routes shown on the map on the back of this handout.

### Potential Projects

- \_\_\_ Major Streetscape - Monticello Rd and Fairfield Rd
- \_\_\_ Minor Streetscape - Crane Church Rd, Blue Ridge Terrace, and Heyward Brockington Rd
- \_\_\_ Neighborhood Sidewalk - Lincolnshire North Dr, Dakota St, Roberson St, and Sea Gull Lane
- \_\_\_ Pedestrian Pathways - Crane Creek Main, East of Monticello, and Forest Heights Elementary
- \_\_\_ Pedestrian Pathways - Crane Church to Blue Ridge
- \_\_\_ Pedestrian Pathways - Heyward Brockington to Crane Creek
- \_\_\_ Pedestrian Pathways - Lincolnshire to Crane Creek

#### Minor Streetscape



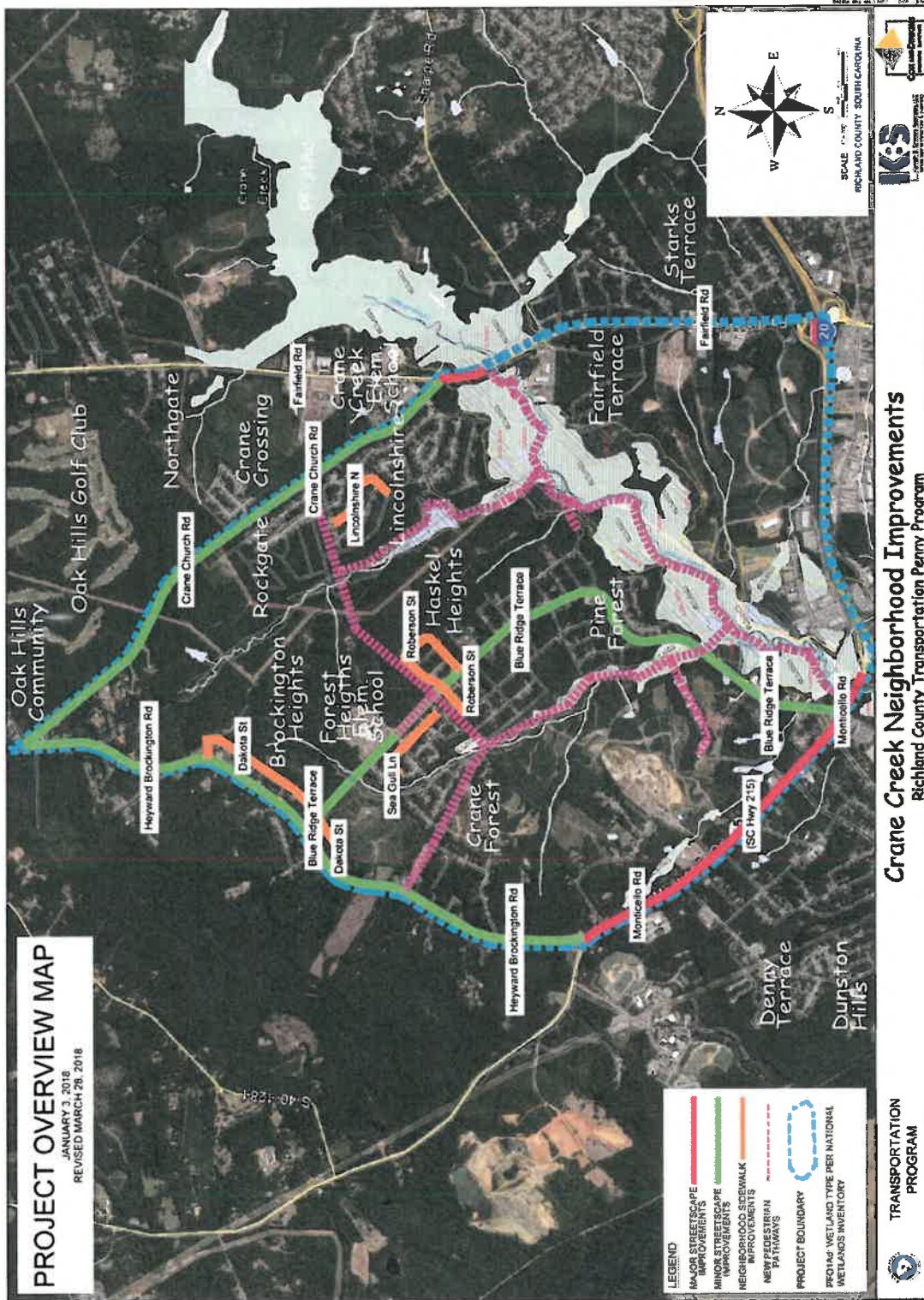
The design may include sidewalks, landscaping, pedestrian lighting, and/or Utility under-grounding. Additionally, the number of travel lanes or the lane widths may be reduced.

#### Neighborhood Sidewalk

The design may include sidewalks to either one, or both, sides of the street. Sidewalk may be flush with the street and separated by a greenspace or behind a raised curb and gutter with no greenspace.



# CRANE CREEK NEIGHBORHOOD IMPROVEMENTS PUBLIC MEETING





CRANE CREEK NEIGHBORHOOD IMPROVEMENTS  
**PUBLIC MEETING**

THURSDAY , APRIL 19, 2018  
COMMENT CARD

fold along dotted line

-----  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

RETURN ADDRESS

**Richland County Department of Transportation  
2020 Hampton Street  
PO Box 192  
Columbia, SC 29201**

fold along dotted line

-----

How did you learn about the meeting?  Flyer  Radio  TV  
 Newspaper  Road Sign  Word of Mouth  Other: \_\_\_\_\_

Please submit comments no later than Friday, May 4, 2018 in one of the following ways:

1. Drop this form in the comment card box before you leave tonight.
2. Mail to: Richland County Dept. of Transportation, 2020 Hampton St, PO Box 192, Columbia, SC 29201
3. Email comments to [TransportationPenny@richlandcountysc.gov](mailto:TransportationPenny@richlandcountysc.gov).
4. Call 1-844-RCPenny (1-844-727-3669) for more information about these projects.

## Transportation Ad Hoc Committee Meeting Briefing Document

### Agenda Item

The utilization of Transportation Penny Funds for the outlined, below, facilities at the Three Rivers Greenway.

- Bathrooms A & B
- Park Ranger Station & Fire Department Building
- Parking Lot, Driveway & Gate

### Background

The Transportation Act provides that Penny Tax related funding shall be tethered to specific transportation related projects.

### Issues

Determining a path forward regarding the funding of the above, outlined additions to the Three Rivers Greenway project.

### Fiscal Impact

- Bathrooms A & B ( \$178,018 & \$167,414 )
  - Park Ranger Station & Fire Department Building ( \$383,535 )
  - Parking Lot, Driveway & Gate ( \$121,290 )
- Total= \$850,257.00

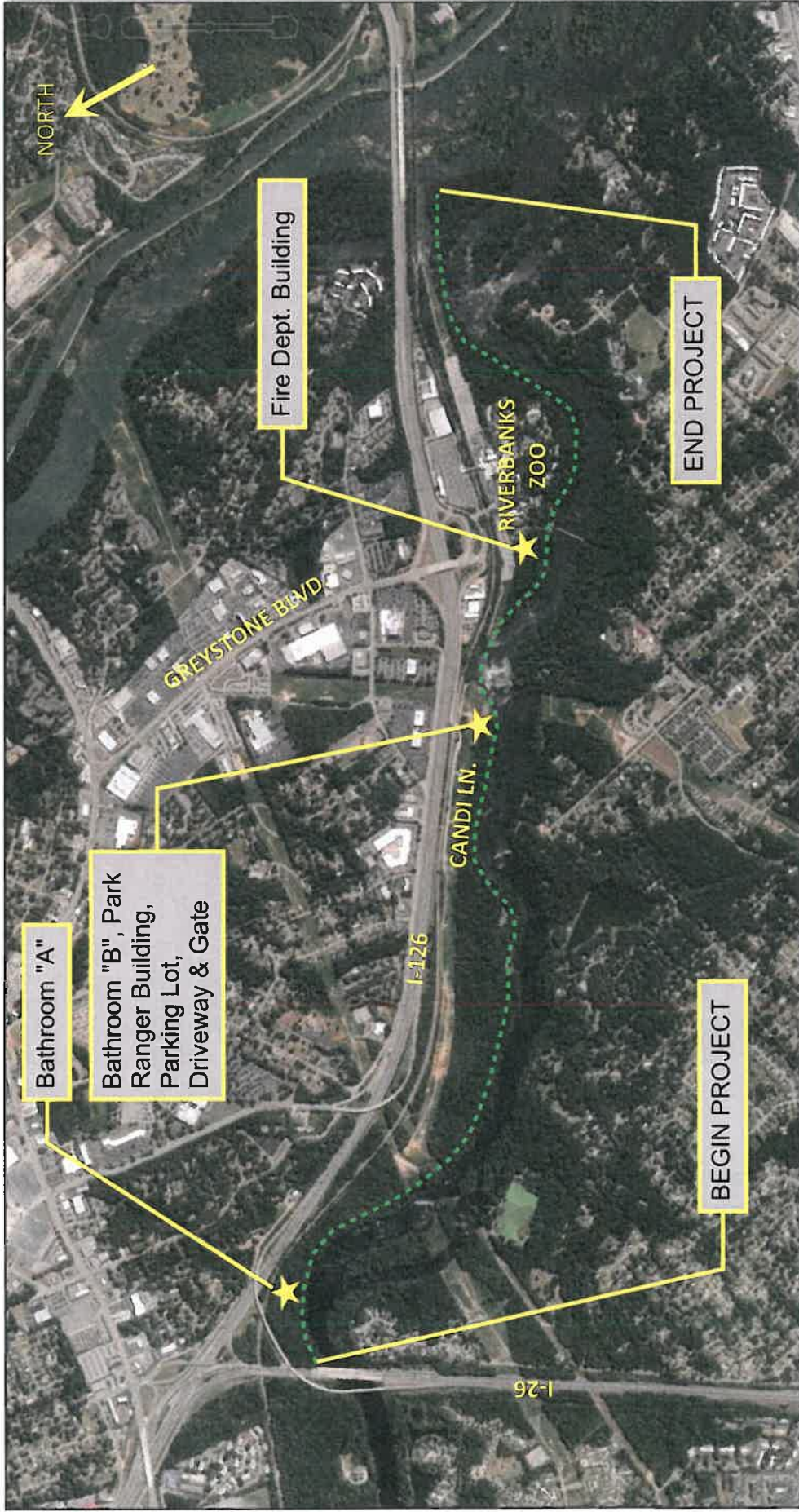
### Alternatives

1. Pay for additions utilizing General Fund;
2. Cost sharing between the City of Columbia and Richland County – COC/60%, RC/40%;
3. Cost sharing between the City of Columbia, Richland County and the River Alliance;
4. Add cost of additions to final cost of original project cost and allow Richland County to reimburse the Penny Tax through the General Fund over time.

### Staff Recommendation

The intent of staff is to institute County Council's directive. Staff does not have a recommendation with regards to this matter.

# THREE RIVERS GREENWAY



SEE BACK FOR OVERVIEW OF COSTS.

# THREE RIVERS GREENWAY

Total Project Cost = \$ 5,921,467.00

Facilities Costs:

- Bathroom "A" = \$ 178,018.00
  - Bathroom "B" = \$ 167,414.00
  - Park Ranger & Fire Dept. Buildings <sup>1</sup> = \$ 383,535.00
  - Parking Lot, Driveway & Gate = \$ 121,290.00
- Total Facilities Costs = \$ 850,257.00

Total Cost (Less Facilities)<sup>2</sup> = \$ 5,071,210.00

<sup>1</sup> Both buildings included in shown contract price

<sup>2</sup> Costs include mobilization, bonds/insurance, staking & grading, clearing, removal & disposal, concrete, boardwalks, bridges, electrical work, benches, picnic tables, drinking fountains, trash receptacles, signage, erosion control items, grassing, guardrail, etc.

## Status Update of Dirt Road Paving Program

### Discussion Point (Information Only):

The Program Development Team (PDT) is currently reviewing the overall status of the Dirt Road Paving Program and anticipates making recommendations for the future development of the program at the next Transportation Ad Hoc Committee meeting. The following is provided for information at this time:

### "Years 1 & 2"

A group of roads identified as "Years 1 & 2" were assigned to a Dirt Road Program Manager in 2015. The Program Manager and an On-call Engineering Team (OET) have completed the designs of a total of 45 roads, which have been paved to date. Approximately 30 roads from "Years 1 & 2" are currently being developed by the same OET. It is planned for additional dirt roads from this group to go to construction in the next 2/3 months. About 42 additional roads from "Years 1 & 2" have had design begun by the previous Dirt Road Program Manager, but not completed. A recommendation for completing these 42 roads will be forthcoming.

### "Years 3 & 4"

An additional 50 dirt roads identified as "Years 3 & 4" have been assigned to the 5 On-call Engineering Teams who are currently providing design services. No roads within this group has gone to construction yet.

### Recommendation:

It is anticipated that a more detailed summary will be provided to include status of all projects, funds expended and committed, and a recommendation for future development of the entire Dirt Road Program. No action is requested at this time.



UNIVERSITY OF  
SOUTH CAROLINA

Vice President for  
Facilities and Transportation

June 7, 2018

John M. Thompson, Ph.D., MBA, CPM  
Director  
Department of Transportation  
Richland County Government  
2000 Hampton Street  
Columbia SC 29204  
[thompson.john@rcgov.us](mailto:thompson.john@rcgov.us)

RE: Richland County Transportation Sales Tax; South Main Bike Lane Funding

Dear Dr. Thompson:

As you may be aware, a joint effort led by the University of South Carolina (“USC”) and the South Carolina Department of Transportation (“SCDOT”) is underway to design and construct a major streetscaping project (the “Project”) immediately south of the Statehouse grounds. The Project includes providing bike lane accommodations along South Main Street from Pendleton Street to Blossom Street, along College Street from Sumter Street to Assembly Street and along Greene Street from Sumter Street to South Main Street. It is requested that the following Penny funding be allocated to the Project for the Project’s bikeway accommodations.

Pendleton from Lincoln to Marion	\$31,680
Main from Pendleton to Whaley	\$49,814
College from Lincoln to Sumter	<u>\$280,735</u>
Total	\$362,229

(a page from the 2012 Bike/Pedestrian/Greenway Project listing highlighting these three components is attached as Exhibit A). The bikeway accommodations provided by the Project will meet the intent of the Penny projects by providing connectivity from the South Main Street area to the University district as well as the Innovista District. In addition, the Penny funding can be used as match to leverage additional federal funds that will allow for enhanced bikeway



accommodations, specifically along South Main Street, than would be accomplished with the Penny funds alone.

## Project Description

The Project, as currently contemplated, includes a road diet for the four blocks of South Main Street immediately south of the Statehouse grounds, from Pendleton Street to Blossom Street. The street will be narrowed from five lanes to two lanes of vehicular traffic with the goal of creating a more pedestrian- and bike-friendly environment with extra-wide sidewalks that allow for “incursion zones” for restaurant and café seating. The power lines will be buried, trees and other plantings will be established, and mast arms will be installed.

The design also calls for a raised bike path to be incorporated to the sidewalk on both sides of the street in order to facilitate the movement of bicyclists from the Main Street north of the Statehouse, through the Statehouse grounds, and onto South Main and into the University district. Current cost estimates for this aspect of the Project are around \$1.5 million. The current overall cost estimate for the Project is almost \$8 million, which includes local match funds from USC and various federal sources, coordinated by the SCDOT and the Central Midlands Council of Governments.

The goal is to establish a new environment along South Main that will, lead to significant private sector redevelopment of the privately-owned blocks south of the Statehouse, together with the creation of thousands of jobs and the generation of millions of dollars in additional property tax revenue.

## Applicable Planning Documents

As the Project has become more detailed, it has become evident that certain modest adjustments to three bikeways listed above need to be made to take better advantage of existing and proposed conditions. For instance:

- In 2007, the Innovista Master Plan was adopted. Although the Penny contemplated many other projects from the Innovista Master Plan, its bikeways recommendations were not envisioned during the creation of the initial project lists created for the Penny by Parsons-Brinckerhoff Transportation Study Commission. For instance, although the Penny project listing (noted above) provides for significant funds to be provided for bike lanes on *College Street*, the Innovista Master Plan call for *Greene Street* to be the main east-west connector between the Congaree River and the University:
  - “*The urban design concept for Greene Street is to create a pedestrian street in the European tradition as the primary link between the University and the Congaree Regional Waterfront Park ... with two nine-foot travel lanes for vehicles, five-foot dedicated bicycle lanes, and the remainder of the right-of-way dedicated to broad sidewalks.*” (Innovista Master Plan, 2007, p. 40, attached as Ex. B)
- In 2015, the City of Columbia passed the Walk-Bike Columbia Plan, setting forth a new vision for pedestrian and bicycle transportation the City. That plan reaffirmed that *Greene Street*, not *College Street*, is intended to be the main east-west connector between the

Congaree River and the University. (Walk Bike Columbia, p.89, attached as Ex. C). The Plan also calls for bike lanes on Main Street from Pendleton to Blossom and College Street from Sumter to Assembly.

- Then, in 2017, the City of Columbia amended its Comprehensive Plan to include the South Main Capital District Area Plan, which sets forth a specific vision for the South Main area in anticipation of the Project. This Plan contemplates the Project, as described above, and includes a bike lanes along both sides of South Main Street and a proposed Transportation Hub to be located on College Street, across from the USC Horseshoe. (South Main Capital District Area Plan, p. 41, attached as Ex. D). The bike lanes provided for in the Area Plan are sidewalk-level, travel-protected lanes that will facilitate bicycle movement from the Statehouse grounds through the newly-streetscaped South Main area. (Area Plan, p. 43, attached as Ex. E).
- Finally, the City of Columbia is in the process of finalizing plans for a public bike share program. A bike share station will be located on the corner of College Street and Main Streets, near the proposed Transportation Hub mentioned above.

### **Adjustment Request**

The planning documents noted above make clear three things: (1) complete bike lanes on Greene Street from the Congaree River to the USC Campus is a priority of each planning document (and have been or will be facilitated by other Penny-funded projects); (2) sidewalk-level bike paths on South Main area are a priority for South Main in order to make non-vehicular transportation a priority and increase bicycle access throughout this geography, and; (3) bike lanes on College Street are less of a priority because the street does not provide an east-west connection beyond Sumter and Lincoln Streets. Thus, it is proposed that the funds listed above be applied to the Project's bike lane construction as follows:

Main from Pendleton to Blossom  
College from Sumter to Assembly  
Greene from Sumter to Main

The changes proposed above are recommended as an "Adjustment" to a project pursuant to the Penny's governing documents. Specifically, the July 26, 2016 Richland County Transportation Improvement Program ("CTIP") states that an adjustment, which may be approved by the County's Director of Transportation, is allowed where there is a "change or clarification of project description-as long as the change does not significantly alter the original project intent as identified through the project development process." (July 26, 2016 CTIP, p.6, attached as Ex. F).

It is clear that the intent of the bikeways projects listed in the Penny's project listings are not altered by the suggested revisions. Indeed, based on the criteria used to judge projects at the outset of the Penny program, the proposed revisions would likely have been rated higher than the original projects because (1) they are recommended by other planning documents and (2) they will be constructed in conjunction with the Project.

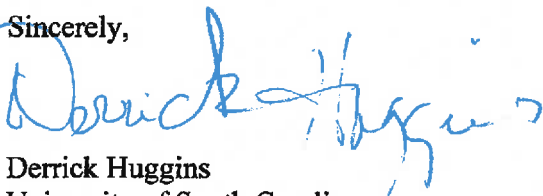
For instance, the criteria for prioritization of bikeway projects approved by County Council, gives priority to projects:

- That “have a completed master plan document” - as we do here with both the Innovista Master Plan and the South Main Capital District Area Plan
- That “enable a single project to link to a broader local or regional network of new or existing infrastructure” – as we do here with the future completion of the Greene Street project with connectivity to the Congaree Waterfront
- That create “connectivity to a transit facility” – as we do here where the Project is propose to include a Transportation Hub on College Street
- Where there are “no (or partial) existing . . . bikeway exists.”

(taken from the Definition and Weighting of Criteria for Prioritization of Transportation Penny Projects” Bikeway and Sidewalk Point System and Prioritization, approved by County Council, October 7, 2014, attached as Exhibit G). The proposed adjustment falls within each of the prioritization categories set forth above. See the attached aerial/summary associated with the Project, attached as Exhibit H.

In summary, it is respectfully requested that the modest adjustments to the bikeways discussed herein and their associated funding be approved to be used in the Project under the oversight of the South Carolina Department of Transportation.

Sincerely,



Derrick Huggins  
University of South Carolina  
Vice President for Facilities and Transportation

CC: The Honorable Joyce Dickerson, Chair, Richland County Council  
([dickerson.joyce@richlandcounty.sc.gov](mailto:dickerson.joyce@richlandcounty.sc.gov))

The Honorable Calvin “Chip” Jackson, Chair, Richland County Council Transportation Ad Hoc Committee ([jackson.calvin@richlandcounty.sc.gov](mailto:jackson.calvin@richlandcounty.sc.gov))

Derek Gruner, University of South Carolina, AVP for Facilities Planning, Design and Construction ([dgruner@fmc.sc.edu](mailto:dgruner@fmc.sc.edu))

# Exhibit A

Sidewalk	Wayne St	Calhoun St	Laurel St	\$3,668,828
Sidewalk	Wildwood Ave	Monticello Rd	Ridgewood Ave	\$254,449
Sidewalk	Wiley St	Superior St	Edisto Ave	\$170,896
Sidewalk	Windsor St	Two Hatch Rd	Belvidere Dr	\$187,944
Sidewalk	Shandon St	Rosewood Dr	Myward St	\$348,514
Sidewalk	Lower Richland Blvd	Rabbit Run Rd	Gardens Ferry Rd	\$249,077
Sidewalk	Harrison Road	Harrison Rd	Harrison Rd	\$600,000
Sidewalk	Noon	Ababads Road	Farmview Street	597,891
Sidewalk	Felham	Gile Creek Parkway	Gardens Ferry Road	\$346,274
Sidewalk	Pinehurst	Harrison Road	Forest Drive	\$1,849,872
Sidewalk	Prospect	Wynton Avenue	Yale	\$337,838
Sidewalk	Sunset	Elmhurst Road	River Drive	\$364,532
Sidewalk	Venues	Gardens Ferry Road	Warrwood Drive	\$171,502
Sidewalk	Veterans	Coachmaker Road	Coatsdale Road	\$45,515
Sidewalk	Perceval Road	Forest Dr	Decker Blvd	\$702,203
Sidewalk	Polo Rd (7)	Two Hatch Rd	Miller Hill Rd	\$0
Sidewalk	Bluff Rd (8)	Rosewood Dr	Belknap Blvd	\$0
Sidewalk	Atlas Rd (9)	Foots'n Lake Way	Gardens Ferry Rd	\$0
Sidewalk	Broad River Rd (10)	Royal Tower Rd	Woodrow St	\$0
Sidewalk	Broad River Rd (11)	Lake Murray Blvd	Waters Ln	\$0
Bikeways	Broad River Rd	Greystone Blvd	Broad River Bridge	\$370,811
Bikeways	Hardest St	Carline St	Rosewood Dr	\$696,828
Bikeways	Scrabie St	Senatar St	Laurum St	\$483,572
Bikeways	Tranholm Rd	South of Dent Middle School	Decker Blvd	\$125,519
Bikeways	Two Hatch Rd	Belknap Blvd	Parklane Rd	\$2,435,018
Bikeways	Hampson St	Pickens St	Harden St	\$81,659
Bikeways	Pendleton St	Lincoln St	Marion St	\$31,680
Bikeways	Pickens St/Washington St/Wayne St	Hampson St (east)	Hampson St (east)	\$68,391
Bikeways	Sunber St	Washington St	Jensin St	\$19,306
Bikeways	Belknap Blvd/Olive St	Rosewood Dr	Chateau Dr	\$24,138
Bikeways	Belknap Blvd	Forest Dr	Valley Rd	\$1,101
Bikeways	Belknap Blvd/Colonial Dr/Farrow Rd	Harden St	Academy St	\$6,636
Bikeways	Catawba St/Troy St/Whaley St/Wilkins St	Church St	Blossom St	\$5,547
Bikeways	Academy Rd/Deerpark Rd/Heathwood Dr/Zibourne Rd/Rickabaker Rd/Sweetstar Rd	Blossom St	Fort Jackson Blvd	\$21,691
Bikeways	Crested St/Linwood Ave/Wayne St	Hampson St	Park St	\$12,094
Bikeways	Cherokee Rd/Duke Ave/River Dr	Main St	Maricello Rd	\$80,417
Bikeways	College St/Laurum St/Oak St/Taylor St	Greene St	Elmwood Ave	\$16,811
Bikeways	Edgfield St/Park St	Calhoun St	River Dr	\$16,464
Bikeways	Geneva St/Gardens St/Logood Ave/Page St/Senato St/Tranholm Rd/Wabster St	Milwood Ave	Belknap Blvd	\$23,513
Bikeways	Hayward St/Marion St/Superior St	Whaley St	Wiley St	\$9,748
Bikeways	Sunber St	Blossom St	Wheat St	\$276,972
Bikeways	Huger St/Lady St/Park St	Geneva St (east)	Geneva St (west)	\$7,295
Bikeways	Lincoln St	Blossom St	Lady St	\$487,105
Bikeways	Ott Rd	Jim Hamilton Blvd	Blossom St	\$17,872
Bikeways	Saluda Ave	Wilcox St	Greene St	\$3,934
Bikeways	Wheat St	Sunber St	Assembly St	\$133,189
Bikeways	Wheat St	Harden St	King St	\$4,351
Bikeways	Blossom St	Williams St	Huger St	\$41,594
Bikeways	Geneva St	250' west of Gist St	Gist St	\$17,276
Bikeways	Assembly St	Blossom St	Rosewood Dr	\$27,966
Bikeways	6-Miles Blvd	Rosewood Dr	Devine St	\$28,547
Bikeways	Broad River Rd	North River Rd	Greystone Blvd	\$39,907
Bikeways	Broad River Rd	Harbison Blvd	Bush River Rd	\$321,115
Bikeways	Calhoun St	Wayne St	Harden St	\$48,284
Bikeways	Decker Blvd/Parkland Rd/Two Hatch Rd	Two Hatch Rd	Perceval Rd	\$223,658
Bikeways	Fort Jackson Blvd	Dewise Dr	Newell Rd	\$94,222
Bikeways	Gardens Ferry Rd	Rosewood Dr	True St	\$66,878
Bikeways	Geneva St	Park St	Milwood Ave	\$91,371
Bikeways	Greene St	Assembly St	250' west of Lincoln St	\$19,382
Bikeways	Main St	Pendleton St	Whaley St	\$49,612
Bikeways	Ott Rd	Decker Blvd	Parkland Rd	\$85,875
Bikeways	Rosewood Dr	Bluff Rd	Gardens Ferry Rd	\$211,179
Bikeways	Colonial Dr	Bluff St	Sight Ave	\$395,430
Bikeways	Holt Dr/Superior St	Wiley St	Airport Blvd	\$493,564
Bikeways	Leeburg Rd	Gardens Ferry Rd	Somerset Rd	\$63,362
Bikeways	Geneva St	Gist St	Huger St	\$64,105
Bikeways	Huger St	Blossom St	Geneva St	\$256,881
Bikeways	Shopp Rd	Belknap Blvd	Pinewind Dr	\$657,211
Bikeways	Blossom St	Assembly St	Sunber St	\$86,981
Bikeways	Ott Rd	Elmwood Ave	Victoria St	\$20,218
Bikeways	Main St	Elmwood Ave	Sweetl Dr	\$75,646
Bikeways	Elmwood Ave	Wayne St	Proposed Greenway Connector	\$3,893
Bikeways	Main St	Calhoun St	Elmwood Ave	\$1,625
Bikeways	Durham Blvd	Broad River Rd	Lake Murray Blvd	\$116,138
Bikeways	Columbia Dr	Lake Murray Blvd	Leighton County Line	\$713,199
Bikeways	Broad River Rd/Lake Murray Blvd	I-26	Harrison Blvd	\$14,287
Bikeways	Wynwood Rd	Winstonboro Rd	Main St	\$402,576
Bikeways	Clemson Rd	Longtown Rd	Brook Hollow Dr	\$1,095,106
Bikeways	Clemson Rd	Summit Pkwy	Perceval Rd	\$1,641,448
Bikeways	Alpine Rd	Two Hatch Rd	Perceval Rd	\$1,896,102
Bikeways	Polo Rd	Two Hatch Rd	640' south of Mt'let Hill Rd	\$1,075,851
Bikeways	Clemson Rd	Brook Hollow Dr	Summit Pkwy	\$116,481
Bikeways	Two Hatch Rd	Alpine Rd	Spear Creek Church Rd	\$363,804
Bikeways	Pickens St	Washington St	Rosewood Dr	\$1,479,744
Bikeways	College St	Lincoln St	Sunber St	\$280,735
Bikeways	Assembly St	Blossom St	Rosewood Dr	\$689,224
Bikeways	Greene St	Assembly St	Bluff St	\$273,274
Bikeways	Bluff St/Henderson St/Rice St	Wilcox St	Hayward St	\$5,991
Bikeways	Greene St	Bluff St	Saluda Ave	\$359,251

# Exhibit B

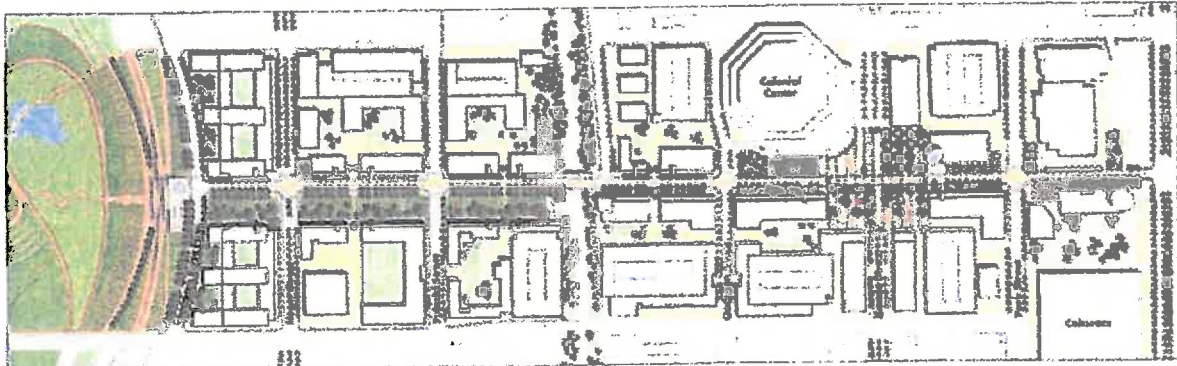


FIGURE 6.19: GREENE STREET CORRIDOR ILLUSTRATIVE PLAN

## GREENE STREET CORRIDOR

*The urban design concept for Greene Street is to create a pedestrian street in the European tradition as the primary link between the University and the Congaree Regional Waterfront Park, featuring a narrow right-of-way framed by street-fronted buildings whose ground floors present active commercial uses to the street.*

A right-of-way of eighty feet is proposed for Greene Street, with two nine-foot travel lanes for vehicles, five-foot dedicated bicycle lanes, and the remainder of the right-of-way dedicated to broad sidewalks. Sidewalk widths vary from eighteen feet wide on the north side of Greene Street to thirty feet wide on the south side. An eighteen-foot wide zone on the south side provides space for seating areas and the extension of sidewalk cafés.

A seventy-foot wide platform is proposed to bridge the rail lines carrying vehicles and pedestrians along Greene Street toward the waterfront park. One of the crossing's distinguishing features is that it is designed as a raised fill platform rather than a typical bridge in order to carry the Greene Street design concept seamlessly across the railroad cut.

In order to embrace the Sculpture Park, the right-of-way widens to 170 feet between the rail line and the Congaree River Parkway. The terminus of Greene Street at the Congaree Regional Waterfront Park is celebrated with a grand fountain and broad terrace overlooking the park below. Spatially, the Greene Street cross-section calls for street fronted buildings at

a "build to" line on the right-of-way, with a minimum height of four stories, and building mass setbacks of eight feet at a parapet line of forty-five feet above sidewalk level.

Plans at Foundation Square and the Greene Street park overlook illustrate the development parcels, ground floor use and parking location, and building envelope and massing.

At Foundation Square, mixed-use/retail/restaurant is called for on the Greene Street and Lincoln Street frontages, with interior parking structures wrapped with mixed-use. Building massing calls for a minimum for four floors with a parapet setback of forty-five feet for higher buildings. Higher buildings are sought in Foundation Square on the south side of Greene Street and Lincoln Street, and opposite the Colonial Center. While a variety of building massing can be achieved within the building envelopes, articulation of the corner façades is sought for buildings facing the square.

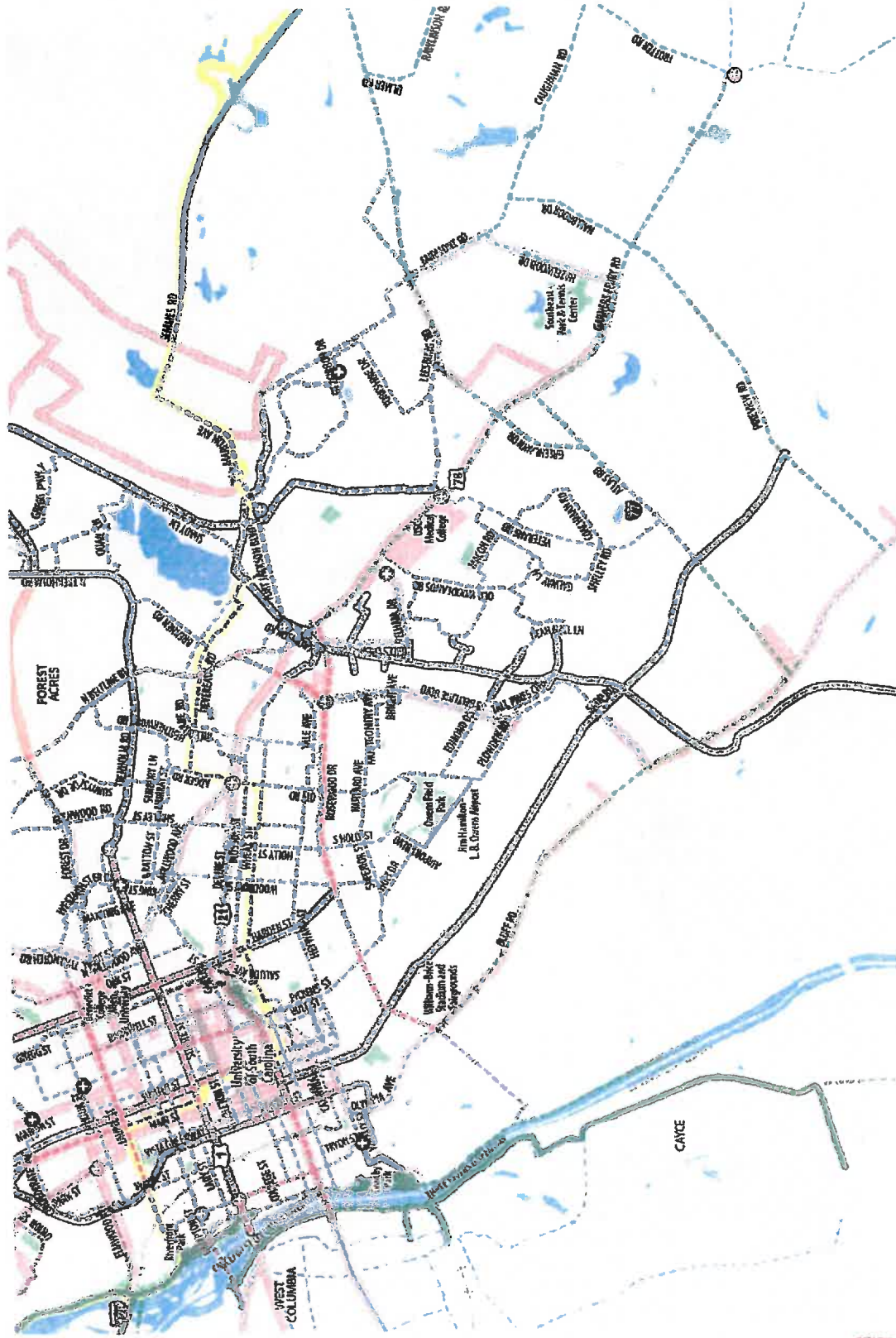
Development parcels overlooking the waterfront park at the intersection of Congaree River Parkway have exceptional value. It is anticipated that the predominant use will be residential with some supporting retail uses at the Greene Street intersection. The building envelopes illustrate an articulated building mass with step back provisions and locations for high-rise buildings.

# Exhibit C





FIGURE 33 - COLUMBIA BICYCLE NETWORK AND SPOT RECOMMENDATIONS (SOUTHWEST)



**Proposed Bicycle Infrastructure ~Southwest~**

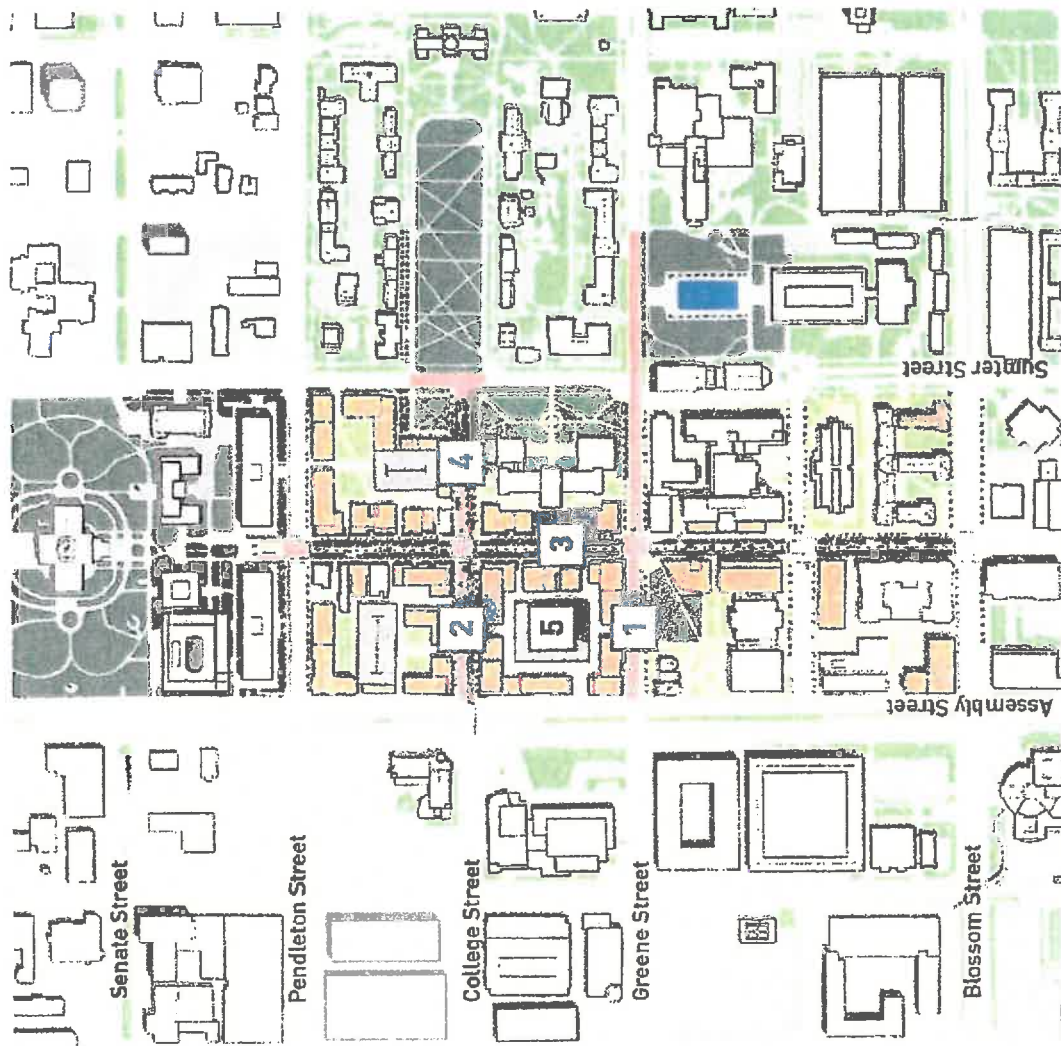
- Existing Bikeways
- Proposed Bikeways
  - Skatepath or Greenway
  - Cycle Track(s)
  - Buffered Bike Lanes
  - Bike Lanes/ Paved Shoulders
  - Bike Boulevard/ Bike Router/ Shared Lane Markings
- Primary All Ages and Abilities Routes
- Other Proposed Improvements
  - Bicycle/Pedestrian Circumplex
  - Intersection Improvements
  - Half Street
  - Proposed On-Road Bikeway (Other Jurisdiction)
  - Proposed Sidepath or Greenway (Other Jurisdiction)

- Legend
  - Existing Palmetto Trail
  - Palmetto Trail Gap Option
  - COMST Route
  - USC Shuttle Route
  - Commuter Rail Line (Proposed)
  - Other Rail Line
  - Park
  - College
  - City of Columbia Limits
  - Potential Future
  - Annexation Area
  - Other Jurisdiction
  - Water Body

Scale: 0, 0.5, 1 Miles

Map of Columbia, South Carolina, showing proposed bicycle infrastructure and spot recommendations in the southwest area.

# Exhibit D



**1** Within Innovista, Greene Street is designed as a pedestrian-primary street. The South Main Capital District Area Plan extends this design concept across Assembly Street into the District. More broadly, Greene Street connects the Congaree River, Innovista, University Hill, Five Points, and neighborhoods to the east.

**2** The plan proposes College Street as a low-speed shared street featuring a transit plaza and pedestrian promenade linking the USC Horseshoe to Innovista.

**3** The plan envisions significant renovation of South Main Street, including reduction of vehicular travel lanes and transfer of the vehicular travel space to pedestrian and bicycle use.

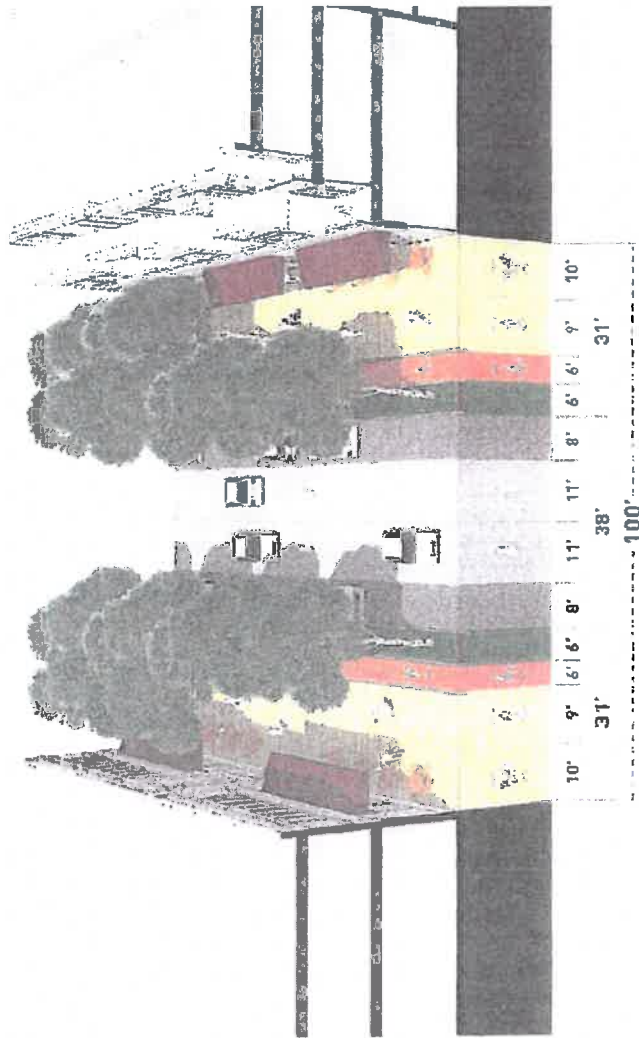
**4** The plan envisions development of a transit hub on College Street to improve the use and efficiency of the transit system.

**5** Public and private parking structures located within the central areas of blocks will replace the extensive surface parking in the District.

The plan envisions significant transportation and parking improvements in the District.

# Exhibit E

## South Main Street: Proposed Streetscape Concept Between Pendleton and College Streets



- Frontage Zone
- Sidewalk
- Bike Lane
- Planted Zone
- Street Parking
- Travel Lane



# Exhibit G



Council Approved: 10/7/2014

### **Definition and Weighting of Criteria for Prioritization of Transportation Penny Projects:**

#### **Bikeway and Sidewalk Point System and Prioritization**

The bikeway and sidewalk ranking and validation process was carried out primarily within a GIS environment, data collected from local agencies, as well as by field observations to confirm existing conditions. The respective weights of each criterion were determined and refined with input from Richland County Council Transportation Ad Hoc Committee, the County Transportation Director and analysis of other recent and comparable programs in the region. Projects that will be built as part of a road widening were not prioritized, but were included for validation and confirmation.

To optimize flexibility and grouping variety, projects were prioritized into a high, medium or low category based on culminated point totals. The augmented point system for all criteria is as follows:

**20 points** – Existing concept plans or designs for the project are in position or are under development. Up to 20 points were given to a project that had a completed master plan document and/or was ready for construction commencement.

**25 points** - Connectivity to existing public trails, greenways and public lands such as national, state or county parks. Connectivity offers more public use and enables a single project to link to a broader local or regional network of new or existing infrastructure.

**2 points** - Acquisition, construction and maintenance costs based on updated route and design information. Projects that had undergone a re-assessment of unit costs, professional design fees, construction engineering inspection costs, utility relocation cost assumptions, right-of-way cost assumptions and contingency factors received 2 points. Costs were compared against recent SCDOT standards and local construction cost factors. To ensure all projects were considered objectively and equitably, these criteria were not given high maximum points.

**20 points** – Connectivity to schools within a ½ mile or less. Up to 20 points were awarded for this criteria.

**10 points** – Connectivity to major business centers within a ½ mile or less. Up to 10 points were given for this criteria.

**10 points** – Connectivity to a transit facility (bus station, bus route or bus stop) within ½ mile or less. Up to 10 points were given to a project that meets these criteria.

**15 points** – No (or partial) existing sidewalk or bikeway exists. Up to 15 points were given to a project that meets this criteria.

A total of up to 102 points is the maximum achievable score, however, no sidewalk or bikeway exceeded 82 points. Total points were used to determine priority level.

Prioritization levels:

82 to 68 – High priority

67 to 56 – Medium priority

55 to 0 – Low priority

# Exhibit H



**SOUTH  
MAIN  
STREET**

**ASSEMBLY STREET**

**S. MAIN STREET**

**SUMNER STREET**

**SC STATE HOUSE**

**PENDLETON STREET**

**COLLEGE STREET**

**GREENE STREET**

**DEVINE STREET**

**BLOSSOM STREET**

**PENDLETON STREET:**  
PLANNED STREET SECURITY,  
SAFETY AND BEAUTIFICATION  
PROJECT BY THE STATE OF SOUTH  
CAROLINA IN CONJUNCTION  
WITH THE SOUTH MAIN STREET  
DEVELOPMENT.

**COLLEGE STREET:**  
PLANNED FOR A CENTRAL  
MULTI-MODAL TRANSPORTATION  
HUB FOR THE CITY'S INNOVISTA  
DISTRICT AND THE USC CAMPUS.  
CITY SHARED BICYCLE STATION.

**GREENE STREET:**  
THE MAIN EAST /WEST BICYCLE  
CORRIDOR AS PLANNED IN THE  
CITY'S INNOVISTA DISTRICT AND  
USC MASTERPLAN.

**DEVINE STREET:**  
UNIVERSITY OF SOUTH  
CAROLINA'S MAIN LIFE SCIENCE  
ACADEMIC HUB. PEDESTRIAN  
SAFETY AND STREET  
ENHANCEMENTS AS PART OF THE  
SOUTH MAIN STREET PROJECT.





John Thompson, Ph.D, MBA, CPM  
Director of Transportation  
Richland County  
2000 Hampton Street  
Suite 3014  
Columbia, SC 29204

June 5, 2018

Dear Dr. Thompson,

The purpose of this letter is to memorialize our conversation that Richland County will remit to The COMET remit **\$5,291,002.09**, as shown in the attached documents based on amounts since inception of the Transportation Penny on November 6, 2012, plus 3% interest as part of the 4<sup>th</sup> quarter payment being remitted to The COMET.

Additionally, per our discussion, Richland County will remit the actual amounts received each quarter, plus the associated 3% interest, even if the amount exceeds what was budgeted in the Richland County Biannual Budget. The COMET will be responsible for the strategic planning of these funds, should The COMET receive more revenues than anticipated in the original intent of the Transportation Penny.

Please remit these funds as part of the 4<sup>th</sup> quarter payment that is due to The COMET and that the revised distribution will take effect as part of the 4<sup>th</sup> quarter payment.

Thank you for your consideration of this request and the discussion. If you have any questions, please feel free to contact me at (803) 255-7087 or email me at [john.andoh@catchthecomet.org](mailto:john.andoh@catchthecomet.org).

Sincerely,

John Andoh  
Executive Director/CEO

cc: Rosalyn Andrews, Director of Finance/Chief Financial Officer  
Andy Smith, Treasurer  
Joyce Dickenson, Chair

---

Central Midlands Regional Transit Authority  
3613 Lucius Road, Columbia, SC 29201  
P 803 255 7133  
F 803 255 7113  
[CATCHTHECOMET.ORG](http://CATCHTHECOMET.ORG)  
[info@catchthecomet.org](mailto:info@catchthecomet.org)

John Andoh, CCTM, CPM Executive Director/CEO  
Joyce Dickenson, Chair  
Ron Anderson, Vice Chair  
Lill Mood, Secretary  
Andy Smith, Treasurer  
Board Members: Jacqueline Bouliware, John Furgess,  
Carylyn Gleaton, Leon Howard, Derrick Huggins, Roger Leaks,  
Robert Morris, Skip Jenkins, Debbie Summers



# Invoice

CENTRAL MIDLANDS TRANSIT/The COMET  
3613 Luclus Rd  
Columbia, SC 29201  
(803) 255-7135

Invoice Number: 0008559-IN

Invoice Date: 5/30/2018

Richland County Government  
Attn: Director of  
Transportation  
P. O. Box 192  
Columbia, SC 29202

Customer Number: 06-0000099

Customer P.O.: Retro Bill

Contact:

Terms: Net 30 Days

Item Code	Description	UM	Quantity	Price	Amount
	Total collections for Richland County since incept				
	Less: 3% admin fee (\$8,589,214.60)				
	Payable to CMRTA: \$277,717,938.61				
	29% of payable = \$80,538,202.20				
	Total collected by CMRTA = \$75,478,162.24				
1% SALES TAX	variance in collections				5,060,039.96
Due CMRTA:					
1% SALES TAX	portion of interest				230,962.13
Due CMRTA:					

Subtotal: 5,291,002.09

Invoice Total: \$5,291,002.09

State Treasurer's Office  
 Transportation Facility Local Option Sales Tax  
 1040 - Richland County

Tax Imposed on November 6, 2012 (Maximum time specified for the imposition of the tax is twenty-five years)  
 Maximum Proceeds of the tax - \$1,070,000,000

Summary from Prior Fiscal Years Since Inception

4/12/18

Collections Since Inception Brought Forward From Prior Fiscal Year	237,477,958.92
Interest Revenue Since Inception Brought Forward From Prior Fiscal Year	669,440.46
<b>TOTAL</b>	<b>238,147,399.38</b>
Distributions Since Inception Brought Forward From Prior Fiscal Year	238,147,399.38

Fiscal Year 2018

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Fiscal Year-to-Date
Collections	15,971,987.97	16,233,770.46	16,823,535.86	0.00	48,829,194.29
Interest	44,244.18	54,152.77	53,245.33	0.00	151,612.26
Distributions	16,016,132.13	16,287,923.23	16,676,751.18	0.00	48,980,806.56

Summary Since Inception Including This Fiscal Year

Collections Since Inception Including This Fiscal Year	286,307,153.21
Interest Revenue Since Inception Including This Fiscal Year	821,052.72
<b>TOTAL</b>	<b>287,128,205.93</b>
Distributions Since Inception Including This Fiscal Year	287,128,205.93

Central Midlands Regional Transit Authority  
 Transportation Sales Tax

Year	Month	Quarter	Balance	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net	Revenue	Expenses	Net																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
2013	Jan	1	1,284,438.53	34,711.79	1,249,726.74	3,684,545.19	3,688,229.80	3,691,914.59	3,695,600.00	3,699,285.20	3,702,970.40	3,706,655.60	3,710,341.00	3,714,026.40	3,717,711.80	3,721,397.20	3,725,082.60	3,728,768.00	3,732,453.40	3,736,138.80	3,739,824.20	3,743,509.60	3,747,195.00	3,750,880.40	3,754,565.80	3,758,251.20	3,761,936.60	3,765,622.00	3,769,307.40	3,772,992.80	3,776,678.20	3,780,363.60	3,784,049.00	3,787,734.40	3,791,419.80	3,795,105.20	3,798,790.60	3,802,476.00	3,806,161.40	3,809,846.80	3,813,532.20	3,817,217.60	3,820,903.00	3,824,588.40	3,828,273.80	3,831,959.20	3,835,644.60	3,839,330.00	3,843,015.40	3,846,700.80	3,850,386.20	3,854,071.60	3,857,757.00	3,861,442.40	3,865,127.80	3,868,813.20	3,872,498.60	3,876,184.00	3,879,869.40	3,883,554.80	3,887,240.20	3,890,925.60	3,894,611.00	3,898,296.40	3,901,981.80	3,905,667.20	3,909,352.60	3,913,038.00	3,916,723.40	3,920,408.80	3,924,094.20	3,927,779.60	3,931,465.00	3,935,150.40	3,938,835.80	3,942,521.20	3,946,206.60	3,949,892.00	3,953,577.40	3,957,262.80	3,960,948.20	3,964,633.60	3,968,319.00	3,972,004.40	3,975,689.80	3,979,375.20	3,983,060.60	3,986,746.00	3,990,431.40	3,994,116.80	3,997,802.20	4,001,487.60	4,005,173.00	4,008,858.40	4,012,543.80	4,016,229.20	4,019,914.60	4,023,600.00	4,027,285.40	4,030,970.80	4,034,656.20	4,038,341.60	4,042,027.00	4,045,712.40	4,049,397.80	4,053,083.20	4,056,768.60	4,060,454.00	4,064,139.40	4,067,824.80	4,071,510.20	4,075,195.60	4,078,881.00	4,082,566.40	4,086,251.80	4,089,937.20	4,093,622.60	4,097,308.00	4,100,993.40	4,104,678.80	4,108,364.20	4,112,049.60	4,115,735.00	4,119,420.40	4,123,105.80	4,126,791.20	4,130,476.60	4,134,162.00	4,137,847.40	4,141,532.80	4,145,218.20	4,148,903.60	4,152,589.00	4,156,274.40	4,159,959.80	4,163,645.20	4,167,330.60	4,171,016.00	4,174,701.40	4,178,386.80	4,182,072.20	4,185,757.60	4,189,443.00	4,193,128.40	4,196,813.80	4,200,499.20	4,204,184.60	4,207,870.00	4,211,555.40	4,215,240.80	4,218,926.20	4,222,611.60	4,226,297.00	4,229,982.40	4,233,667.80	4,237,353.20	4,241,038.60	4,244,724.00	4,248,409.40	4,252,094.80	4,255,780.20	4,259,465.60	4,263,151.00	4,266,836.40	4,270,521.80	4,274,207.20	4,277,892.60	4,281,578.00	4,285,263.40	4,288,948.80	4,292,634.20	4,296,319.60	4,299,905.00	4,303,590.40	4,307,275.80	4,310,961.20	4,314,646.60	4,318,332.00	4,322,017.40	4,325,702.80	4,329,388.20	4,333,073.60	4,336,759.00	4,340,444.40	4,344,129.80	4,347,815.20	4,351,500.60	4,355,186.00	4,358,871.40	4,362,556.80	4,366,242.20	4,369,927.60	4,373,613.00	4,377,298.40	4,380,983.80	4,384,669.20	4,388,354.60	4,392,040.00	4,395,725.40	4,399,410.80	4,403,096.20	4,406,781.60	4,410,467.00	4,414,152.40	4,417,837.80	4,421,523.20	4,425,208.60	4,428,894.00	4,432,579.40	4,436,264.80	4,439,950.20	4,443,635.60	4,447,321.00	4,451,006.40	4,454,691.80	4,458,377.20	4,462,062.60	4,465,748.00	4,469,433.40	4,473,118.80	4,476,804.20	4,480,489.60	4,484,175.00	4,487,860.40	4,491,545.80	4,495,231.20	4,498,916.60	4,502,602.00	4,506,287.40	4,509,972.80	4,513,658.20	4,517,343.60	4,521,029.00	4,524,714.40	4,528,400.00	4,532,085.40	4,535,770.80	4,539,456.20	4,543,141.60	4,546,827.00	4,550,512.40	4,554,197.80	4,557,883.20	4,561,568.60	4,565,254.00	4,568,939.40	4,572,624.80	4,576,310.20	4,579,995.60	4,583,681.00	4,587,366.40	4,591,051.80	4,594,737.20	4,598,422.60	4,602,108.00	4,605,793.40	4,609,478.80	4,613,164.20	4,616,849.60	4,620,535.00	4,624,220.40	4,627,905.80	4,631,591.20	4,635,276.60	4,638,962.00	4,642,647.40	4,646,332.80	4,650,018.20	4,653,703.60	4,657,389.00	4,661,074.40	4,664,759.80	4,668,445.20	4,672,130.60	4,675,816.00	4,679,501.40	4,683,186.80	4,686,872.20	4,690,557.60	4,694,243.00	4,697,928.40	4,701,613.80	4,705,299.20	4,708,984.60	4,712,670.00	4,716,355.40	4,720,040.80	4,723,726.20	4,727,411.60	4,731,097.00	4,734,782.40	4,738,467.80	4,742,153.20	4,745,838.60	4,749,524.00	4,753,209.40	4,756,894.80	4,760,580.20	4,764,265.60	4,767,951.00	4,771,636.40	4,775,321.80	4,779,007.20	4,782,692.60	4,786,378.00	4,790,063.40	4,793,748.80	4,797,434.20	4,801,119.60	4,804,805.00	4,808,490.40	4,812,175.80	4,815,861.20	4,819,546.60	4,823,232.00	4,826,917.40	4,830,602.80	4,834,288.20	4,837,973.60	4,841,659.00	4,845,344.40	4,849,029.80	4,852,715.20	4,856,400.60	4,860,086.00	4,863,771.40	4,867,456.80	4,871,142.20	4,874,827.60	4,878,513.00	4,882,198.40	4,885,883.80	4,889,569.20	4,893,254.60	4,896,940.00	4,900,625.40	4,904,310.80	4,908,000.00	4,911,689.20	4,915,378.40	4,919,067.60	4,922,756.80	4,926,446.00	4,930,135.20	4,933,824.40	4,937,513.60	4,941,202.80	4,944,892.00	4,948,581.20	4,952,270.40	4,955,959.60	4,959,648.80	4,963,338.00	4,967,027.20	4,970,716.40	4,974,405.60	4,978,094.80	4,981,784.00	4,985,473.20	4,989,162.40	4,992,851.60	4,996,540.80	5,000,230.00	5,003,919.20	5,007,608.40	5,011,297.60	5,014,986.80	5,018,676.00	5,022,365.20	5,026,054.40	5,029,743.60	5,033,432.80	5,037,122.00	5,040,811.20	5,044,500.40	5,048,189.60	5,051,878.80	5,055,568.00	5,059,257.20	5,062,946.40	5,066,635.60	5,070,324.80	5,074,014.00	5,077,703.20	5,081,392.40	5,085,081.60	5,088,770.80	5,092,460.00	5,096,149.20	5,099,838.40	5,103,527.60	5,107,216.80	5,110,906.00	5,114,595.20	5,118,284.40	5,121,973.60	5,125,662.80	5,129,352.00	5,133,041.20	5,136,730.40	5,140,419.60	5,144,108.80	5,147,798.00	5,151,487.20	5,155,176.40	5,158,865.60	5,162,554.80	5,166,244.00	5,169,933.20	5,173,622.40	5,177,311.60	5,181,000.80	5,184,690.00	5,188,379.20	5,192,068.40	5,195,757.60	5,199,446.80	5,203,136.00	5,206,825.20	5,210,514.40	5,214,203.60	5,217,892.80	5,221,582.00	5,225,271.20	5,228,960.40	5,232,649.60	5,236,338.80	5,240,028.00	5,243,717.20	5,247,406.40	5,251,095.60	5,254,784.80	5,258,474.00	5,262,163.20	5,265,852.40	5,269,541.60	5,273,230.80	5,276,920.00	5,280,609.20	5,284,298.40	5,287,987.60	5,291,676.80	5,295,366.00	5,299,055.20	5,302,744.40	5,306,433.60	5,310,122.80	5,313,812.00	5,317,501.20	5,321,190.40	5,324,879.60	5,328,568.80	5,332,258.00	5,335,947.20	5,339,636.40	5,343,325.60	5,347,014.80	5,350,704.00	5,354,393.20	5,358,082.40	5,361,771.60	5,365,460.80	5,369,150.00	5,372,839.20	5,376,528.40	5,380,217.60	5,383,906.80	5,387,596.00	5,391,285.20	5,394,974.40	5,398,663.60	5,402,352.80	5,406,042.00	5,409,731.20	5,413,420.40	5,417,109.60	5,420,798.80	5,424,488.00	5,428,177.20	5,431,866.40	5,435,555.60	5,439,244.80	5,442,934.00	5,446,623.20	5,450,312.40	5,454,001.60	5,457,690.80	5,461,380.00	5,465,069.20	5,468,758.40	5,472,447.60	5,476,136.80	5,479,826.00	5,483,515.20	5,487,204.40	5,490,893.60	5,494,582.80	5,498,272.00	5,501,961.20	5,505,650.40	5,509,339.60	5,513,028.80	5,516,718.00	5,520,407.20	5,524,096.40	5,527,785.60	5,531,474.80	5,535,164.00	5,538,853.20	5,542,542.40	5,546,231.60	5,549,920.80	5,553,610.00	5,557,300.00	5,560,990.00	5,564,680.00	5,568,370.00	5,572,060.00	5,575,750.00	5,579,440.00	5,583,130.00	5,586,820.00	5,590,510.00	5,594,200.00	5,597,890.00	5,601,580.00	5,605,270.00	5,608,960.00	5,612,650.00	5,616,340.00	5,620,030.00	5,623,720.00	5,627,410.00	5,631,100.00	5,634,790.00	5,638,480.00	5,642,170.00	5,645,860.00	5,649,550.00	5,653,240.00	5,656,930.00	5,660,620.00	5,664,310.00	5,668,000.00	5,671,690.00	5,675,380.00	5,679,070.00	5,682,760.00	5,686,450.00	5,690,140.00	5,693,830.00	5,697,520.00	5,701,210.00	5,704,900.00	5,708,590.00	5,712,280.00	5,715,970.00	5,719,660.00	5,723,350.00	5,727,040.00	5,730,730.00	5,734,420.00	5,738,110.00	5,741,800.00	5,745,490.00	5,749,180.00	5,752,870.00	5,756,560.00	5,760,250.00	5,763,940.00	5,767,630.00	5,771,320.00	5,775,010.00	5,778,700.00	5,782,390.00	5,786,080.00	5,789,770.00	5,793,460.00	5,797,150.00	5,800,840.00	5,804,530.00	5,808,220.00	5,811,910.00	5,815,600.00	5,819,290.00	5,822,980.00	5,826,670.00	5,830,360.00	5,834,050.00	5,837,740.00	5,841,430.00	5,845,120.00	5,848,810.00	5,852,500.00	5,856,190.00	5,859,880.00	5,863,570.00	5,867,260.00	5,870,950.00	5,874,640.00	5,878,330.00	5,882,020.00	5,885,710.00	5,889,400.00	5,893,090.00	5,896,780.00	5,900,470.00	5,904,160.00	5,907,850.00	5,911,540.00	5,915,230.00	5,918,920.00	5,922,610.00	5,926,300.00	5,929,990.00	5,933,680.00	5,937,370.00	5,941,060.00	5,944,750.00	5,948,440.00	5,952,130.00	5,955,820.00	5,959,510.00	5,963,200.00	5,966,890.00	5,970,580.00	5,974,270.00	5,977,960.00	5,981,650.00	5,985,340.00	5,989,030.00	5,992,720.00	5,996,410.00	6,000,100.00	6,003,790.00	6,007,480.00	6,011,170.00	6,014,860.00	6,018,550.00	6,022,240.00	6,025,930.00	6,029,620.00	6,033,310.00	6,037,000.00	6,040,690.00	6,044,380.00	6,048,070.00	6,051,760.00	6,055,450.00	6,059,140.00	6,062,830.00	6,066,520.00	6,070,210.00	6,073,900.00	6,077,590.00	6,081,280.00	6,084,970.00	6,088,660.00	6,092,350.00	6,096,040.00	6,099,730.00	6,103,420.00	6,107,110.00	6,110,800.00	6,114,490.00	6,118,1

## **Memorandum of Understanding Between Richland County and Central Midlands Regional Transit Authority Regarding Distribution of Transportation Penny Funding**

This Memorandum of Understanding (this "Memorandum") dated \_\_\_\_\_, 2018, between Richland County (the "County") and Central Midlands Regional Transit Authority (The "COMET") memorializes the distribution of Transportation Penny funding as defined in Section 5.01 of the Intergovernmental Agreement Related To The Central Midlands Regional Transit Authority dated July 2, 2013 (the "IGA").

The parties to this Memorandum agree to the following regarding the distribution of Transportation Penny funding:

1. Pursuant to the terms of Section 5.01 of the IGA, Richland County shall provide to the COMET the appropriate percentage (28.13%) of the actual revenues received from the State Treasurer, even if such amounts exceed or are less than budgeted amounts.
2. In addition to the amount stated above, Richland County shall also include in its quarterly payments the appropriate percentage (28.13%) of the interest that is paid to the County by the State Treasurer.
3. The COMET will be responsible for the strategic planning of these funds, should The COMET receive revenues more quickly than anticipated in the original planning of the Transportation Penny.
4. The County shall pay to The COMET the difference between the actual revenues received by the County and the amounts previously paid to the Comet from July 1, 2013 to April 12, 2018, which totals \$5,060,039.96.
5. The County shall pay to The COMET 28.13% of actual interest paid by the State Treasurer to County, for the period July 1, 2013 to April 12, 2018, which totals \$230,962.13.
6. The payments referenced in numbers 1 and 2 above shall become effective with the payment for the first quarter of fiscal year 2018-2019. The payments referenced in numbers 4 and 5 above shall be made by the County from the distribution it receives from the State Treasurer for the first quarter of fiscal year 2018-2019. The amounts to be paid pursuant to numbers 4 and 5 above shall be adjusted upwards as necessary to reflect amounts becoming due between April 12, 2018, and the actual date of the payment.

Except as otherwise provided in this Memorandum, the Intergovernmental Agreement shall continue in full force and effect.

**IN WITNESS WHEREOF**, each of the parties has caused this Memorandum to be signed and delivered by a duly authorized officer, all as of the date first above written.

**Central Midlands Regional Transit Authority**

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**Name: John Andoh**  
**Title: Executive Director/CEO**

**Richland County**

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**Name:**  
**Title:**

**From:** "Foster, Laura" <[LFoster@MCNAIR.NET](mailto:LFoster@MCNAIR.NET)> on behalf of "Heizer, Frannie" <[FHeizer@MCNAIR.NET](mailto:FHeizer@MCNAIR.NET)>  
**Date:** Thursday, June 7, 2018 at 1:48 PM  
**To:** STACEY HAMM <[HAMM.STACEY@richlandcountysc.gov](mailto:HAMM.STACEY@richlandcountysc.gov)>  
**Cc:** LARRY SMITH <[SMITH.LARRY@richlandcountysc.gov](mailto:SMITH.LARRY@richlandcountysc.gov)>, John Andoh <[john.andoh@catchthecomet.org](mailto:john.andoh@catchthecomet.org)>, Chuck Statler <[CStatler@dsscpa.com](mailto:CStatler@dsscpa.com)>, "Heizer, Frannie" <[FHeizer@MCNAIR.NET](mailto:FHeizer@MCNAIR.NET)>  
**Subject:** Distribution of Penny Revenue

**From Frannie:**

The question of exactly how much the CMRTA should receive on an annual basis and the components of those payments have been discussion items for a number of years. Unfortunately, no real consensus has been reached and there is no specific guidance in either the statute authorizing the transportation penny or the original penny ordinance. The IGA which is the written agreement between the CMRTA, the County and other parties in Section 5.01 provides: "The CMRTA shall make a written request to Richland County Council annually for a distribution of 29% of the available proceeds of the Transportation Penny." The CMRTA's position is that the "available proceeds" consist of the actual revenue, which includes interest paid by the State Treasurer, minus the 3% administrative fee.

It is my understanding that during the first year or so of receiving the penny revenue, the amounts distributed to the CMRTA were consistent with the above. There were discussions off and on with Daniel Driggers regarding how the penny should be distributed, but, as I said, no real decision was ever made.

I understand that there has been a request for representatives of the County to attend the CMRTA's Finance Committee meeting. I think that such a meeting would be an excellent opportunity to discuss these issues and reach a consensus. If you have any other questions, please let me know. Thanks.



**Laura A. Foster PLS**  
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**INTERGOVERNMENTAL AGREEMENT  
RELATING TO  
CENTRAL MIDLANDS REGIONAL TRANSIT AUTHORITY**

*Richland County, South Carolina  
City of Columbia, South Carolina  
City of Forest Acres, South Carolina  
Lexington County, South Carolina  
The Central Midlands Regional Transit Authority*

This agreement (this "Agreement") is made and entered into as of July 2, 2013, by and among Richland County, South Carolina ("Richland County"), a body politic and corporate with such government rights, privileges, and liabilities as other counties possess under the provisions of the general laws of the State of South Carolina (the "State"); the City of Columbia (the "City of Columbia"), a body politic and corporate with such government rights, privileges, and liabilities as other municipalities possess under the provisions of the general laws of the State; the City of Forest Acres (the "City of Forest Acres"), a body politic and corporate with such government rights, privileges, and liabilities as other municipalities possess under the provisions of the general laws of the State; Lexington County, South Carolina ("Lexington County"), a body politic and corporate with such government rights, privileges and liabilities as other counties possess under the provisions of the general laws of the State; and the Central Midlands Regional Transit Authority (the "CMRTA"), a regional transportation authority created and existing pursuant to South Carolina Code Section 58-25-10, *et seq.*, which has as its members Richland County, the City of Columbia, the City of Forest Acres and Lexington County.

**WITNESSETH:**

**WHEREAS**, the initial funding for the operation of the CMRTA, which was established in 2002, was provided from a number of sources, including funds from South Carolina Electric & Gas Co. ("SCE&G"), a subsidiary of SCANA Corporation, payments from the City of Columbia pursuant to an Agreement dated October 16, 2002, federal funds, and farebox revenues; and

**WHEREAS**, beginning in 2006, funding from SCE&G was decreased and in October 2009, the CMRTA received its final payment from SCE&G; and

*WHEREAS*, beginning in 2006, and continuing through June 30, 2013, funding for the CMTA from Richland County, the City of Columbia and Lexington County has been provided pursuant to the terms of an Agreement between the CMRTA and City of Columbia dated October 16, 2002, a Memorandum of Understanding and a series of Intergovernmental Agreements.

*WHEREAS*, as a result of a successful Referendum held in Richland County on November 6, 2012, the CMRTA will have a dedicated source of revenue for the continued operation of mass transit services including implementation of near, mid and long-term service improvements in the maximum amount of \$300,991,000 to be provided over not to exceed 22 years, which amount is approximately 29% of the available proceeds of a sales and use tax collected in Richland County beginning May 1, 2013.

*WHEREAS*, the parties to the Agreement now desire to establish the terms and conditions upon which the CMRTA shall receive and utilize its funding to provide a highly effective public transit system within Richland County and portions of Lexington County.

*WHEREAS*, Article VIII, Section 13 of the Constitution of the State provides that any county, incorporated municipality, or other political subdivision may agree with the State or with any other political subdivision for the financing of the costs thereof; and

*WHEREAS*, by appropriate legislative enactment of Columbia City Council, Richland County Council, Forest Acres City Council, Lexington County Council and the CMRTA, the parties have authorized the execution and delivery of this Agreement by its Richland County Council Chairman, Mayor of the City of Columbia, Mayor of the City of Forest Acres, Lexington County Council Chairman, and Board Chairman of the CMRTA, respectively;

*NOW THEREFORE*, in consideration of the mutual agreements between the parties as set forth herein and other good and valuable consideration, the parties hereto do agree as follows:

SECTION 1

DEFINITIONS

1.01 Definitions. The terms defined in this Section shall for all purposes of this Agreement have the meanings herein specified. The term:

“2002 Agreement” shall mean the Agreement between the CMRTA and the City dated October 16, 2002.

“Board” shall mean Board of Directors of the CMRTA.

“City of Columbia” shall mean the City of Columbia, South Carolina.

“City of Forest Acres” shall mean the City of Forest Acres, South Carolina.

“Columbia City Council” shall mean the City Council of the City of Columbia, South Carolina.

“CMRTA” shall mean the Central Midlands Regional Transit Authority.

“Council” or “Councils” shall mean Richland County Council and Lexington County Council.

“County” or “Counties” shall mean Richland County and Lexington County.

“Enabling Act” shall mean the Regional Transportation Authority Law codified at Section 58-25-10 et seq. of the Code of Laws of South Carolina, 1976, as amended.

“Forest Acres City Council” shall mean the City Council of the City of Forest Acres, South Carolina.

“Lease Agreement” shall mean the Lease Agreement by and between the City of Columbia and the CMRTA relating to the transfer center located on Sumter Street and bus shelter located on Assembly Street, Columbia, South Carolina.

“Lexington County” shall mean Lexington County, South Carolina.

“Lexington County Council” shall mean the County Council of Lexington County.

“Plan of Service” shall mean the Transit Services provided in the Service Area.

“Richland County” shall mean Richland County, South Carolina.

“Richland County Council” shall mean the County Council of Richland County.

“Rural Transit Services” shall mean administrative, technical, operational and/or contractual support for the operation of transit services in the non-urbanized areas of Richland County as contemplated by Federal

Transit Administration Section 5310: Transportation for Elderly Persons and Persons with Disabilities and Section 5311: Formula Grants for Rural Areas.

“Service Area” shall mean the geographic area in which the CMRTA is currently providing Transit Services, as such Service Area as may be amended from time to time.

“Service and Performance Standards” shall mean the objective criteria to be established by the Board including but not limited to fare box recovery ratios, passengers per hour, and passengers per mile, which shall be used to evaluate performance of individual components of the Transit Services.

“State” shall mean the State of South Carolina.

“Transit Services” shall include but not limited to: (i) fixed route; (ii) ADA Complementary Paratransit Service (Dial-A-Ride-Transit); (iii) shuttle/circulator service; (iv) neighborhood collector service; (v) service in rural areas; (vi) ancillary and related services and amenities, including transfer centers, bus shelters, signage, etc.; and (vii) other services including but not limited to charters, contracted social services, express buses; park and ride, light rail, as shall be determined by the CMRTA Board.

“Transportation Penny” means the one percent (1%) sales and use tax imposed in Richland County and collected beginning May 1, 2013. Available proceeds of the Transportation Penny is the amount of sales and use tax revenue after deducting administrative expenses.

## SECTION 2

### REPRESENTATIONS AND WARRANTIES

2.01 Representations and Warranties of Richland County. Richland County represents and warrants that:

(a) the signatory parties hereto have full legal right, power, and authority to enter into this Agreement and carry out and consummate all other transactions contemplated by this Agreement;

(b) it has duly authorized the execution, delivery, and performance of its obligations under this Agreement and the taking of any and all actions as may be required on the part of Richland County to carry out, give effect to, and consummate the transactions contemplated by this Agreement;

(c) this Agreement constitutes a legal, valid, and binding obligation of Richland County, enforceable in accordance with its terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, and subject, as to enforceability, to general principles of equity regardless of whether enforcement is sought in a proceeding in equity or at law; and

(d) there is no action, suit, proceeding, inquiry, or investigation at law or in equity before or by any court, public board, or body, pending or, to the best of the knowledge of Richland County, threatened against Richland County, which in any manner questions the validity of any proceedings taken by Richland County Council in connection with this Agreement or wherein any unfavorable decision, ruling, or finding could materially adversely affect the transactions contemplated by this Agreement or which, in any way, would adversely affect the validity or enforceability of this Agreement (or of any other instrument required or contemplated for use in consummating the transactions contemplated hereby).

2.02 Representations and Warranties of the City of Columbia. The City of Columbia represents and warrants that:

(a) the signatory parties hereto have full legal right, power, and authority to enter into this Agreement and carry out and consummate all other transactions contemplated by this Agreement.

(b) it has duly authorized the execution, delivery, and performance of its obligations under this Agreement and the taking of any and all actions as may be required on the part of the City of Columbia to carry out, give effect to, and consummate the transactions contemplated by this Agreement.

(c) this Agreement constitutes a legal, valid, and binding obligation of the City of Columbia, enforceable in accordance with its terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, and subject, as to enforceability, to general principles of equity regardless of whether enforcement is sought in a proceeding in equity or at law.

(d) there is no action, suit, proceeding, inquiry, or investigation at law or in equity before or by any court, public board, or body, pending or, to the best of the knowledge of the City of Columbia, threatened against the City of Columbia, which in any manner questions the validity of any proceedings taken by the Columbia City Council in connection with this Agreement or wherein any unfavorable decision, ruling,

or finding could materially adversely affect the transactions contemplated by this Agreement or which, in any way, would adversely affect the validity or enforceability of this Agreement (or of any other instrument required or contemplated for use in consummating the transactions contemplated hereby).

2.03 Representations and Warranties of the City of Forest Acres. The City of Forest Acres represents and warrants that:

(a) the signatory parties hereto have full legal right, power, and authority to enter into this Agreement and carry out and consummate all other transactions contemplated by this Agreement.

(b) it has duly authorized the execution, delivery, and performance of its obligations under this Agreement and the taking of any and all actions as may be required on the part of the City of Forest Acres to carry out, give effect to, and consummate the transactions contemplated by this Agreement.

(c) this Agreement constitutes a legal, valid, and binding obligation of the City of Forest Acres, enforceable in accordance with its terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, and subject, as to enforceability, to general principles of equity regardless of whether enforcement is sought in a proceeding in equity or at law.

(d) there is no action, suit, proceeding, inquiry, or investigation at law or in equity before or by any court, public board, or body, pending or, to the best of the knowledge of the City of Forest Acres, threatened against Forest Acres, which in any manner questions the validity of any proceedings taken by the Forest Acres City Council in connection with this Agreement or wherein any unfavorable decision, ruling, or finding could materially adversely affect the transactions contemplated by this Agreement or which, in any way, would adversely affect the validity or enforceability of this Agreement (or of any other instrument required or contemplated for use in consummating the transactions contemplated hereby).

**2.04 Representations and Warranties of Lexington County.** Lexington County represents and warrants that:

(a) the signatory parties hereto have full legal right, power, and authority to enter into this Agreement and carry out and consummate all other transactions contemplated by this Agreement.

(b) it has duly authorized the execution, delivery, and performance of its obligations under this Agreement and the taking of any and all actions as may be required on the part of Lexington County to carry out, give effect to, and consummate the transactions contemplated by this Agreement.

(c) this Agreement constitutes a legal, valid, and binding obligation of Lexington County, enforceable in accordance with its terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, and subject, as to enforceability, to general principles of equity regardless of whether enforcement is sought in a proceeding in equity or at law.

(d) there is no action, suit, proceeding, inquiry, or investigation at law or in equity before or by any court, public board, or body, pending or, to the best of the knowledge of Lexington County, threatened against Lexington County, which in any manner questions the validity of any proceedings taken by Lexington County Council in connection with this Agreement or wherein any unfavorable decision, ruling, or finding could materially adversely affect the transactions contemplated by this Agreement or which, in any way, would adversely affect the validity or enforceability of this Agreement (or of any other instrument required or contemplated for use in consummating the transactions contemplated hereby).

**2.05 Representations and Warranties of the CMRTA.** The CMRTA represents and warrants that:

(a) the signatory parties hereto have full legal right, power, and authority to enter into this Agreement and carry out and consummate all other transactions contemplated by this Agreement.

(b) it is a duly and lawfully constituted Regional Transportation Authority and has the authority to exercise all powers as provided in the Enabling Act.

(c) it has duly authorized the execution, delivery, and performance of its obligations under this Agreement and the taking of any and all actions as may be required on the part of the CMRTA to carry out, give effect to, and consummate the transactions contemplated by this Agreement.

(d) this Agreement constitutes a legal obligation of the CMRTA, enforceable in accordance with its terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, and subject, as to enforceability, to general principles of equity regardless of whether enforcement is sought in a proceeding in equity or at law.

(e) there is no action, suit, proceeding, inquiry, or investigation at law or in equity before or by any court, public board, or body, pending or, to the best of the knowledge of the CMRTA, threatened against the CMRTA, nor to the best of the knowledge of the CMRTA is there any basis therefore, which in any manner questions the validity of any proceedings taken by the Board in connection with this Agreement or wherein any unfavorable decision, ruling, or finding could materially adversely affect the transactions contemplated by this Agreement or which, in any way, would adversely affect the validity or enforceability of this Agreement (or of any other instrument required or contemplated for use in consummating the transactions contemplated hereby).

### SECTION 3

#### MEMBERS OF THE AUTHORITY

3.01 Members in Richland County. Members of the Authority within Richland County shall be Richland County, the City of Columbia and the City of Forest Acres.

3.02 Members in Lexington County. Lexington County shall be a Member of the CMRTA so long as Transit Services are provided in Lexington County, upon the terms and conditions provided herein. If no Transit Services are provided in Lexington County, Lexington County shall cease to be a member of the CMRTA.

3.03 Additional Members. Additional Members may join in the CMRTA in the future as provided in the Enabling Act, with the consent of Members representing 90% of the population within the Service Area.

3.04 Advisory Members. Any political subdivision within Richland County, Lexington County, or any other county or municipality contiguous to the Service Area may become an Advisory Member of the CMRTA with the approval of the CMRTA Board of Directors.



## SECTION 4

### TRANSIT SERVICES; SERVICE AREA; PLAN OF SERVICE

**4.01 Transit Services.** The CMRTA shall provide or cause to be provided through one or more independent contractors Transit Services within the Transit Area. The CMRTA may enter into contracts or joint ventures with other transit service providers if necessary and appropriate.

**4.02 Compliance with Regulations.** Transit Services by the CMRTA shall comply with all State and Federal requirements.

**4.03 Current Service Area.** The current Service Area consists of the geographic area in which the CMRTA is currently providing Transit Services within the City of Columbia, City of Forest Acres, portions of unincorporated area of Richland County and limited portions of Lexington County, as shown more specifically on Exhibit A.

**4.04 Current Plan of Service.** The current Plan of Service consists of fixed route and paratransit service Monday through Saturday within the Service Area as shown more specifically on Exhibit A.

**4.05 Service and Performance Standards.** In establishing Service and Performance Standards, the CMRTA shall give priority consideration to the policy objectives of its Members including but not limited to (i) providing frequent convenient Transit Services in the current Service Area; (ii) providing Transit Services in rural areas; (iii) providing Transit services to suburban areas; and (iv) reducing traffic congestion and enhancing parking availability. The CMRTA shall utilize its Service and Performance Standards in determining changes in the Plan of Service.

**4.06 Future Plans of Service.** (a) With the dedicated source of local funding within Richland County as approved in the referendum and as provided for herein, the CMRTA shall make modifications, additions, improvements and enhancements to its Plan of Service which are consistent with its Service and Performance Standards and its Vision 2020, as copy of which is attached hereto as Exhibit B.

(b) The CMRTA will review its Plan of Service annually with the Members and cooperate with the Members in meeting current and future transit needs, objective and priorities.

(c) The CMRTA will work with the Central Midlands Council of Governments (CMCOG) to identify opportunities to provide Transit Services in connection with other counties contiguous to Richland County and Lexington County.

4.07. Rural Transit Services.

(a) The CMRTA is requesting that Richland County Council designate it as the direct sub-recipient of FTA Section 5310: Transportation for Elderly Persons and Persons with Disabilities and Section 5311: Formula Grants for Rural Areas, administered through the South Carolina Department of Administration, which designation is necessary to enable the CMRTA to provide Rural Transit Services.

(b) Upon receiving such designation, the CMRTA shall:

(i) Work with the CMCOG, South Carolina Department of Transportation (SCDOT) and the Federal Transit Administration (FTA) to apply for and secure available grant funds to defray the costs of all aspects of providing Rural Transit Services including planning, studies, and operation and capital expenses.

(ii) Work with the CMCOG, SCDOT, FTA, and other public and private providers of Rural Transit Services to undertake a pilot/demonstration project by January 1, 2014, to provide Rural Transit Services in rural portions of the County. The Rural Transit Services offered through the pilot/demonstration project will be provided directly by the CMRTA or in conjunction with one or more public or private transit providers.

(iii) Work with the CMCOG, SCDOT and FTA to assist the CMCOG in undertaking a study of the demand for providing Rural Transit Services throughout the County. This study should be completed by April 1, 2014, or as soon as practicable, by the CMCOG and shall serve as the basis upon which the CMRTA will expend available grant funds in providing Rural Transit Services.

(iv) Work with appropriate County officials including the County Administrator and County Transportation Director to insure that the needs for Rural Transit Services in

Richland County are met. Annual reports, or more frequent reports, if requested, will be made to Richland County Council.

(c) Necessary funding in the form of local matching funds shall be provided by the CMCOG, if available, and the CMRTA through its allocation of the 1% special sales and use tax to match any federal or state funds allocated to CMTRA for the purposes of providing Rural Transit Services.

4.08 Future Service Area. Modifications to the Service Area shall be made as needed to reflect future Plans of Service.

## SECTION 5

### LOCAL FUNDING, FINANCIAL REPORTING

5.01 Richland County. The CMRTA shall make a written request to Richland County Council annually for a distribution of 29% of the available proceeds of the Transportation Penny. The CMRTA agrees that all funding from the Transportation Penny shall be used only for budgeted costs of operations, capital and other expenses of providing Transit Services within or directly benefiting Richland County, the City of Columbia, the City of Forest Acres and other municipalities wholly within Richland County. Richland County shall make quarterly payments to the CMRTA no later than the 30<sup>th</sup> day (or as soon thereafter as practicable) of each month in which it receives a quarterly distribution from the State Treasurer.

5.02 Lexington County. Lexington County shall pay the CMRTA the full cost including operations and capital projects of any and all Transit Services provided within Lexington County. Each year, no later than July 1<sup>st</sup>, Lexington County and the CMRTA shall agree to Transit Services to be provided for that fiscal year and the costs thereof. Lexington County shall make quarterly payments no later than the last day of the first month of each quarter.

5.03 Financial Reporting Requirements. (a) The CMRTA shall, on a quarterly basis, no later than 30 days after the end of the previous quarter, provide to the Members a written financial report to include a statement of revenue and expenses, cumulative, year-to-date results as well as comparative information for corresponding periods of the prior year. Payments under this Agreement may be withheld in any quarter until the financial report for the previous quarter is provided as referenced herein.

(b) The CMRTA shall provide a copy of its annual audited financial statements to the Members no later than 30 days after the annual audited financial statements are provided to the CMRTA Board.

5.04 Compliance. The CMRTA shall fully comply with the procedures and requirements set forth in Federal statutes and regulations and State statutes including but not limited to the Freedom of Information Act and the Enabling Act.

5.05 No Additional Financial Obligations. Other than amounts provided for pursuant to Sections 5.01 and 5.02 above, this Agreement imposes no financial obligations on any of the parties to this Agreement.

## SECTION 6

### BOARD OF DIRECTORS

6.01 Board of Directors. The CMRTA shall be governed by a Board of Directors with the authority and responsibilities set forth in the Enabling Act.

6.02 Voting Membership. The Board of Directors shall consist of 11 voting directors (“Voting Directors”) appointed as follows:

Richland County	3
City of Columbia	3
City of Forest Acres	1
Lexington County	1
Richland County Legislative Delegation	3

Each Member of the Authority hereby appoints its Voting Director(s) as shown on Exhibit C attached hereto. Voting Directors shall serve for the term indicated provided that each Voting Director shall serve until a successor has been appointed. A Voting Director may be removed from office by the appointing governing body for misconduct, malfeasance or neglect of duty in office.

6.03 Advisory Members. An Advisory Member of the CMRTA may appoint one advisory director (“Advisory Director”) to the Board. Advisory Director shall be non-voting and not included when determining the presence of a quorum.

## SECTION 7

### CONTRACTS; PROCUREMENT

7.01 Procurement Policy. The CMRTA shall manage its procurements under the terms of a Procurement Policy which complies with Federal and State requirements.

7.02 Contract Operator. The CMRTA will continue the procurement process currently underway relating to the services of a third party contract operator. The CMRTA shall take all reasonable and necessary actions to have a new contract with a third party contract contractor to be effective by April 1, 2014.

In entering into a new contract, the CMRTA shall include the following provisions:

- (a) As much financial transparency as possible, within the parameters of standards in the transit industry;
- (b) Performance standards expressed in measurable quantitative terms with financial penalties for failure to meet performance standards;
- (c) A term of five years, with renewal options not to exceed five years; and
- (d) To the extent allowed by Federal and State regulations, a goal to utilize local and minority vendors and service providers.

7.03 Expenditures of Local Funds. To the extent permissible by Federal and State regulations, the CMRTA shall establish and implement a program to encourage the expenditures of funds received from the Transportation Penny with small, local, minority enterprises.

## SECTION 8

### MISCELLANEOUS

8.01 Binding Nature of Agreement; Term of Agreement. This Agreement is intended to satisfy the requirements of the Enabling Act and shall inure to the benefit of and shall be binding in accordance with its terms upon the Richland County Council, Columbia City Council, Forest Acres City Council, Lexington County Council, the Board, and their respective successors in office. This Agreement shall remain in full and force and effect so long as the dedicated source of funding provided for here is available.

8.02 Implementation. All parties shall act reasonably, diligently and in good faith to address all issues that may arise during the implementation of the transactions that are the subject of this Agreement in a commercially reasonable manner so as to accomplish the intended purposes set forth herein, including entering into such other and further documents as are normally required for transactions of similar magnitude and complexity to appropriately address the duties and responsibilities of all parties.

8.03. Default. The failure of any party to make a payment, to satisfy a condition, or to perform an obligation under this Agreement, which failure shall go uncorrected for a period of thirty days after written notice thereof, shall constitute a default as to such party.

8.04. Default Remedies. Any non-defaulting party hereto may seek an injunction or order of specific performance to collect all amounts then due and thereafter to become due from the defaulting party and to enforce all obligations of the defaulting party under this Agreement.

8.05 No Personal Liability. No obligation or agreement contained herein shall be deemed to be an obligation or agreement of any present, past, or future member, officer, agent or employee of the Richland County, City of Columbia, City of Forest Acres, Lexington County or the CMRTA in any way other than in his or her official capacity, and neither the members of the Richland County Council, Columbia City Council, Forest Acres City Council, Lexington County Council or the Board, nor any official executing this Agreement shall be personally liable thereon or be subject to any personal liability or accountability by reason of the obligations or agreements of Richland County, the City of Columbia, the City of Forest Acres, or the CMRTA contained in this Agreement.

8.06 Termination of 2002 Agreement. The 2002 Agreement between the CMRTA and the City of Columbia is hereby terminated. The CMRTA and the City of Columbia are each relieved of any further obligations under the terms of the 2002 Agreement.

8.07 Amendments. This Agreement may not be effectively amended, changed, modified, altered or terminated, except in accordance with the express provisions of this Agreement or with the written consent of Members of the Authority representing 90% of the population of the Service Area.

**8.08 Captions.** The captions and headings of the paragraphs of this Agreement are for convenience only and are not to be used to interpret or define any or all of the provisions of this Agreement.

**8.09 Sections; Headings.** The sections, headings and other titles to paragraphs of this Agreement are inserted solely for the convenience of reference. None shall in any way define, limit, extend or aid in the construction of the scope, extent, meaning or intent of this Agreement.

**8.10 Counterparts.** This Agreement may be executed in any number of counterparts, each of which shall be regarded as an original and all of which shall constitute but one and the same instrument.

**8.11 No Construction Against Drafter.** The parties hereby acknowledge that they have reviewed this Agreement and concur that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in the interpretation of any provision of this Agreement.

**8.12 Severability.** If any provision of this Agreement or any obligation or agreement contained herein is determined by a court of competent jurisdiction to be invalid or unenforceable, that determination shall not affect any other provision, obligation or agreement, each of which shall be construed and enforced as if the invalid or unenforceable portion were not contained herein. That invalidity or unenforceability shall not affect any valid and enforceable application thereof, and each such provision, obligation, or agreement shall be deemed to be effective, operative, made, entered into, or taken in the manner and to the full extent permitted by law.

**8.13 Governing Law.** This Agreement shall be deemed to be a contract made under the laws of the State and for all purposes shall be governed by and construed in accordance with the laws of the State, and by their signatures herein below, the parties consent to the exclusive jurisdiction of the courts of Richland County for resolution of any dispute arising hereunder.

**8.14 Further Resolutions or Ordinances.** To the extent required by the laws of the State, Richland County, the City of Columbia, the City of Forest Acres, Richland County, and Lexington County agree to adopt one or more resolutions or to enact one or more ordinances as necessary to effect the agreements provided for in this Agreement. The CMRTA further agrees to adopt one or more resolutions as necessary to effect the agreements provided for in this Agreement.

**8.15 Notices.** All notices or other communications hereunder shall be sufficiently given and shall be deemed given when mailed by U.S. Mail addressed as follows:

**If to Richland County:**  
Richland County, South Carolina  
Attn: County Administrator  
2020 Hampton Street  
Columbia, South Carolina 29202

**With a copy to:**  
Richland County, South Carolina  
Attn: County Attorney  
2020 Hampton Street  
Columbia, South Carolina 29202

**If to the City of Columbia:**  
City of Columbia, South Carolina  
Attn: City Manager  
P.O. Box 147  
Columbia, South Carolina 29217

**With a copy to:**  
City of Columbia, South Carolina  
Attn: City Attorney  
P.O. Box 667  
Columbia, South Carolina 29201

**If to the City of Forest Acres**  
City of Forest Acres  
Attn: City Administrator  
Post Office Box 6587  
Forest Acres, South Carolina 29260-6587

**With a copy to:**  
City of Forest Acres  
Attn: City Attorney  
Post Office Box 687  
Forest Acres, South Carolina 29260-6587

**If to Lexington County**  
Lexington County, South Carolina  
Attn: County Administrator  
212 S. Lake Drive  
Lexington, South Carolina 29072

**With a copy to:**  
Lexington County, South Carolina  
Attn: County Attorney  
140 E. Main Street  
Lexington, South Carolina 29072

**If to the CMRTA:**  
Central Midlands Regional Transit Authority  
Attn: Executive Director  
P.O. Box 214  
Columbia, South Carolina 29202

**With a copy to:**  
McNair Law Firm, P.A.  
Attn: Francenia B. Heizer, Esquire  
Post Office Box 11390  
Columbia, South Carolina 29211

## SECTION 9

### THIRD PARTY BENEFICIARIES

**9.01 No Third Party Beneficiaries.** Nothing in this Agreement, express or implied, is intended to or shall confer upon any person, other than the parties hereto, any rights, benefits or remedies of any nature whatsoever under or by reason of this Agreement.

IN WITNESS WHEREOF, the parties hereto, each after due authorization, have executed this Agreement on the respective dates indicated below.



RICHLAND COUNTY, SOUTH CAROLINA

By:   
Its: Chairman, Richland County Council

SEAL)

ATTEST:

By:   
Its: Clerk to Richland County Council

Date: September 11, 2013

CITY OF COLUMBIA, SOUTH CAROLINA

By: \_\_\_\_\_

Its: Mayor

SEAL)

ATTEST:

By: \_\_\_\_\_

Its: Clerk to Columbia City Council

Date: \_\_\_\_\_, 2013

CITY OF FOREST ACRES, SOUTH CAROLINA

By: \_\_\_\_\_

Its: Mayor

SEAL)

ATTEST:

By: \_\_\_\_\_

Its: Clerk to Forest Acres City Council

Date: \_\_\_\_\_, 2013

LEXINGTON COUNTY, SOUTH CAROLINA

By: \_\_\_\_\_

Its: Chairman, Lexington County Council

SEAL)

ATTEST:

By: \_\_\_\_\_

Its: Clerk, Lexington County Council

Date: \_\_\_\_\_, 2013

CENTRAL MIDLANDS REGIONAL TRANSIT  
AUTHORITY

By: \_\_\_\_\_

Its: Chairman, Board of Directors

SEAL)

ATTEST:

By: \_\_\_\_\_

Its: Secretary, Board of Directors

EXHIBIT A  
[TO BE PROVIDED]

**EXHIBIT B**

**VISION 2020**

[SEE ATTACHED]

EXHIBIT C  
BOARD OF DIRECTORS

Richland County Appointees - 3

Kelvin Washington Term \_\_\_\_\_

Mac Bennett Term \_\_\_\_\_

Jennifer Harding Term \_\_\_\_\_

City of Columbia Appointees - 3

Brian Newman Term \_\_\_\_\_

Derrick Huggins Term \_\_\_\_\_

Ron Anderson Term \_\_\_\_\_

City of Forest Acres Appointee - 1

Jake Broom Term \_\_\_\_\_

Lexington County Appointee - 1

Lil Mood Term \_\_\_\_\_

Richland County Legislative Delegation  
Appointees - 3

Joseph Neal Term \_\_\_\_\_

Caroline Whitson Term \_\_\_\_\_

Tiffany Johnson Gunn Term \_\_\_\_\_

City of Cayce Advisory Member

Skip Jenkins

City of West Columbia Advisory Member

Myron Corley





## Transportation Penny

Date Received	Amount	CMRTA pay date	CMTRTA Amount	28.13%	short/(over)
10/10/2013	12,284,838.45	11/6/2013	3,465,338.14	3,455,725.06	(9,613.08)
1/13/2014	12,812,647.54	2/5/2014	3,613,719.69	3,604,197.75	(9,521.94)
4/16/2014	13,750,759.58	5/28/2014	3,878,326.73	3,868,088.67	(10,238.06)
7/16/2014	14,138,345.14	6/30/2014	3,987,159.15	3,977,116.49	(10,042.66)
10/13/2014	14,586,395.85	11/18/2014	4,103,153.15	4,103,153.15	0.00
1/23/2015	13,835,682.55	2/12/2015	3,901,241.38	3,891,977.50	(9,263.88)
4/24/2015	14,903,853.11	6/10/2015	3,557,250.00	4,192,453.88	635,203.88
7/29/2015	15,304,369.58	9/29/2015	3,561,258.00	4,305,119.16	743,861.16
10/23/2015	14,751,243.84	10/30/2015	3,825,680.00	4,149,524.89	323,844.89
1/20/2016	14,646,835.18	2/17/2016	3,825,680.00	4,120,154.74	294,474.74
4/16/2016	15,446,305.04	5/25/2016	3,825,680.00	4,345,045.61	519,365.61
7/27/2016	16,679,954.70	8/17/2016	3,825,680.00	4,692,071.26	866,391.26
10/20/2016	14,676,846.31	11/8/2016	4,194,886.25	4,128,596.87	(66,289.38)
1/19/2017	17,238,130.86	3/16/2017	4,194,886.25	4,849,086.21	654,199.96
4/12/2017	16,309,793.40	5/3/2017	4,194,886.25	4,587,944.88	393,058.63
7/24/2017	16,111,957.79	9/6/2017	4,194,886.25	4,532,293.73	337,407.48
10/19/2017	15,971,887.97	11/7/2017	4,194,886.25	4,492,892.09	298,005.84
1/18/2018	16,233,770.46	2/21/2018	4,690,747.75	4,566,559.63	(124,188.12)
4/12/2018	16,623,535.86	4/26/2018	4,442,817.00	4,676,200.64	233,383.64
			13,328,451.00		407,201.35
	286,307,153.21		75,478,162.24	80,538,202.20	5,060,039.96
					5,060,039.96

STATE OF SOUTH CAROLINA)

COUNTY OF RICHLAND )

**ENCROACHMENT AGREEMENT**  
FOR ENCROACHMENTS WITHIN THE CITY'S  
EXISTING WATER EASEMENTS FOR THE POLO  
ROAD SHARED-USE PATH FROM ALPINE ROAD TO  
MALLET HILL ROAD; RICHLAND COUNTY  
TMS#19810-01-05, 06, 03, 07, 02, 08, TMS#19811-01-02,  
TMS#19900-01-03, TMS#22705-02-01 & TMS#22705-01-  
06; CF#347-11

The **CITY OF COLUMBIA**, hereinafter referred to as "the City" hereby consents for **RICHLAND COUNTY** to encroach over the City's existing 16" water main and exclusive 10' and 15' water easements as shown on the construction drawings referenced herein with a shared-use path along Polo Road (S40-2214) from Alpine Road to Mallet Hill Road ("Encroachments").

RECITALS:

WHEREAS, the City of Columbia has existing water easements on the subject properties which are located along the route of the new shared-use path project and hereinafter collectively referred to as "easement area":

TMS#19810-01-05; 15' easement acquired in Deed Bk. D934 at Page 622 on 5/10/1989; Project #W393-4/5-K4,L4; CF#160-11;  
TMS#19810-01-05 & 06; 15' easement acquired in Record Bk. R568, Page 2957 on 9/24/2001; CF#115-18D;  
TMS#19810-01-03; 10' easement acquired in Deed Bk. D956 at Page 180 on 11/3/1989; Project #W393-4/5-K4,L4; CF#160-11;  
TMS#19810-01-07; 10' easement acquired in Deed Bk. D956 at Page 180 on 11/3/1989; Project #W393-4/5-K4,L4; CF#160-11;  
TMS#19810-01-02; 15' easement acquired in Deed Bk. D951 at Page 330 on 9/26/1989; Project #W393-4/5-K4,L4; CF#160-11;  
TMS#19810-01-08; 15' easement acquired in Record Bk. R1219/2546 on 8/18/2006; CF#286-20;  
TMS#19811-01-02; 15' easement acquired in Deed Bk. D1001/574 on 10/16/1990; Project #W393-4/5-K4,L4; CF#160-11  
TMS#19811-01-02 (formerly pt. TMS#19810-01-02); 15' easement acquired in Deed Bk. D951 at Page 330 on 9/26/1989; Project #W393-4/5-K4,L4; CF#160-11  
TMS#19811-01-02; 15' easement acquired in Record Bk. R1209 at Page 1757 on 7/24/2006; CF#285-09;  
TMS#19900-01-03; 15' easement acquired in Deed Bk. D969 at Page 846 on 3/2/1990; Project #W419-4/5-K4; CF#  
TMS#22705-02-01; 15' easement acquired in Deed Bk. D939 at Page 491 on 6/19/1989; Project #W393-4/5-K4,L4; CF#160-11;  
TMS#22705-02-01; 10' easement acquired in Deed Bk. D988 at Page 118 on 7/10/1990; Project #W393-4/5-K4,L4; CF#160-11;  
TMS#22705-02-01; 15' easement acquired in Deed Bk. D979 at Page 475 on 5/8/1990; Project #W393-4/5-K4,L4; CF#160-11;  
TMS#22705-02-01; 15' easement acquired in Record Bk. R22 at Page 720 on 3/17/1998; CF#234-02;  
TMS#22705-01-06; 10' easement acquired in Deed Bk. D939 at Page 491 on 6/19/1989; Project #W393-4/5-K4,L4; CF#160-11;  
TMS#22705-01-06; 10' easement acquired in Deed Bk. D988 at Page 118 on 7/10/1990; Project #W393-4/5-K4,L4; CF#160-11;  
and

WHEREAS, reference is made to the approved construction drawings for the Polo Road (S40-2214, S40-2919) Shared-Use Path from Alpine Road to Mallet Hill Road, prepared for the Richland County Transportation Penny Program by Mead & Hunt, Inc., Raymond C. Hamilton, S.C.P.E. #28199, dated April 13, 2017, and being incorporated herein by reference as Exhibit "A". Said drawings also being on file in the office of the Department of Engineering, City of Columbia, South Carolina under City File #347-11.

NOW, THEREFORE, in consideration of Five and No/100 Dollars (\$5.00), the mutual promises and agreements contained herein, and other good and valuable consideration, the receipt and legal sufficiency of which are hereby acknowledged, Richland County and City agree as follows:

1. Recitals. The aforesaid Recitals are incorporated in the Agreement and made a part hereof.
2. Right to Place Encroachments Within Easement Areas. Richland County shall have the right to construct, locate, maintain, repair and replace within the City's easement area located on the subject properties a paved shared-use path ("Encroachments") as more clearly shown and delineated on the attached Exhibit "A".

If it is necessary for the City to remove all, or a portion of, the Encroachments from the easement area for purposes of maintenance or repair of the existing water main, the City shall have the right to do so, and shall not be liable to Richland County for replacement of said Encroachments or any costs or damages resulting from such removal, provided, however, if circumstances permit, the City shall first give Richland County the opportunity to remove the necessary Encroachments, and it is agreed that Richland County shall have the right to reinstall said Encroachments, provided the same will not interfere with the further maintenance or repair by the City of its water main within the easement area.

APPROVED AS TO FORM

 5-31-2018

Legal Department City of Columbia, SC

3. **Easement Rights.** Richland County agrees that the use of the City's easement area as herein provided shall in no way affect the validity of the City's easement and shall in no way modify or restrict the use or rights of the City, its successors and/or assigns, in and to the portion of the easement area to be used. Richland County acknowledges the City's right and title to said easement and the priority of the City's right to use said easement and hereby agrees not to resist or assail said priority.
4. **Liability.** Richland County hereby agrees to assume responsibility for all losses, claims, damages or expenses of whatever kind arising from or in any way connected to its use of the Encroachments within the easement area, but only to the extent such loss, claim, damage or expense arises out of an act or failure to act by Richland County, its agents, servants, employees, lessees or independent contractor of Richland County, as a result of the construction, operation, repair, existence or removal of all or some of the Encroachments from the easement area on the subject properties.
5. **Damage to or Relocation of City of Columbia Utilities.** Richland County agrees that should the construction, maintenance, operation or existence of the Encroachments as described in this Agreement cause the City, now or in the future, to have to relocate or replace any portion of the City's existing water main, appurtenances or associated facilities, then such relocation or replacement shall be at the sole expense of Richland County. If such relocation or replacement will be for the benefit of Richland County, not required by the City's needs, and in response to a request by Richland County, the City may make such relocation or replacement but only at Richland County's sole expense. The City will be under no obligation to make any such requested relocation or replacement.
6. **Waiver.** The failure of any party to exercise any right given hereunder or to insist upon strict compliance with any term, condition or covenant specified herein shall not constitute a waiver of the party's right to exercise such right or to demand strict compliance with any such term, condition or covenant under this Agreement.
7. **Construction of Improvements.** Prior to commencement of any activity within the easement area by Richland County, its agents, servants, lessees, employees and/or independent contractors of Richland County, a copy of this document will be provided to said party performing any activity in the easement area with requirements of strict compliance with the terms, obligations, and conditions as set forth herein.

Any soil deposited on the City's easements, including the areas of the Encroachments, will be leveled or removed and the same will be restored to its original or a better condition than existed prior to construction, installation, alteration or maintenance by Richland County, including but not limited to restoration of the existing grade. No soil shall be permanently removed from the easement area without prior approval of the City, except for the installation or alteration of the facilities. No permanent stockpiling of materials (including soil) will be permitted in the City's easement areas, including the areas of the Encroachments. Richland County agrees that any construction or maintenance in the easement area as provided for herein will be performed in a good and workmanlike manner and in such a manner so as not to endanger the City's facilities or interfere with the City's operation or maintenance requirements.

Richland County is responsible for all maintenance of the Encroachment and assuring that all accessibility and ADA requirements are met and maintained.
8. **Construction Notice.** Richland County must provide the City a seventy-two (72) hour notice prior to work in the easement area and the City's representatives may be present during such work, if the City deems necessary. Richland County shall contact Palmetto Utility Protection Services (PUPS) for location of existing utilities prior to performing work in the easement area. However, in the case of an emergency, Richland County may proceed with work in the City's easement area upon notifying the City's Water Distribution Division at its 24-hour phone number: (803) 545-3900.
9. **Successors and Assigns.** This Agreement shall run with the title to the subject properties and shall be binding upon and inure to the benefit of and be enforceable against the parties hereto

and their respective heirs, legal representatives, successors and permitted assigns, and successors in title.

10. Applicable Law. This Agreement and all amendments hereto shall be governed by and construed under the laws of the State of South Carolina. Any action concerning this Agreement shall be brought only in the applicable circuit court of South Carolina.
11. Severability and Construction. If any term, covenant or condition of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable; such provision, or the application of such term, covenant or condition to persons or circumstances other than those as to which it is held to be invalid or unenforceable, shall be deemed severable, and the remainder hereof shall not be affected thereby, and each term, covenant, or condition of this Agreement shall be valid and be enforced to the fullest extent permitted by law. This Agreement shall not be construed more strictly against either party, whether due to any rule of law providing therefore, or otherwise, and it is agreed that this Agreement is the result of mutual negotiation regardless of which party has physically prepared the document.

(THE REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK)

The foregoing instrument was executed this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

WITNESSES:

**RICHLAND COUNTY**

\_\_\_\_\_  
(1<sup>st</sup> Witness)

**By:** \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(2<sup>nd</sup> Witness)

**Name:** \_\_\_\_\_  
(Print Name)

**Title:** \_\_\_\_\_  
(Print Title)

State of South Carolina)

**ACKNOWLEDGEMENT**

County of Richland )

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2018, by \_\_\_\_\_  
(Name and Title of Officer)

of Columbia, South Carolina on behalf of the Richland County.  
(City and State)

\_\_\_\_\_  
Notary Public for South Carolina

My Commission Expires: \_\_\_\_\_

The foregoing instrument was executed this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

WITNESSES:

CITY OF COLUMBIA

\_\_\_\_\_  
(1<sup>st</sup> Witness)

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(2<sup>nd</sup> Witness)

Name: Teresa B. Wilson  
(Print Name)

Title: City Manager  
(Print Title)

State of South Carolina)

ACKNOWLEDGEMENT

APPROVED AS TO FORM  
*Teresa B. Wilson* 5-31-2018  
Legal Department City of Columbia, SC

County of Richland )

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2018

by Teresa B. Wilson, City Manager of Columbia, South Carolina on behalf of the City of Columbia.  
(Name and Title of Officer) (City and State)

\_\_\_\_\_  
Notary Public for South Carolina

My Commission Expires: \_\_\_\_\_

# EXHIBIT A

## INDEX OF SHEETS

SHEET NO.	TITLE SHEET	DESCRIPTION	ESTIMATED QUANTITIES	SHEET SECTIONS
1	SUMMARY OF ESTIMATED QUANTITIES		QMT	1
2	WORKING PLANS		QMT	2
2A	TYPICAL SECTIONS AND MISC. DETAILS		QMT	3
3-3A	RIGHT-OF-WAY DATA SHEET		QMT	4
4	PROPERTY STRIP MAPS		QMT	5
5	GENERAL CONSTRUCTION NOTES		QMT	6
5A-3C	REFERENCE DATA SHEETS		QMT	7
6-6	PLAN AND PROFILE		QMT	8
6-6	CURB GRADE PROFILE		QMT	9
6-6	DRAINAGE SHEETS		QMT	10
6-6	WORK ZONE TRAFFIC CONTROL PLANS		QMT	11
6-6	PAVEMENT MARKING AND SIGNING PLANS		QMT	12
6-6	UTILITY RELATIONSHIP PLANS		QMT	13
6-6	UTILITY RELOCATION SHEETS		QMT	14
6-6	CROSS SECTIONS		QMT	15
TOTAL SHEETS			40	21



## TRANSPORTATION PROGRAM

## PROPOSED PLANS

### FOR

## RICHLAND COUNTY TRANSPORTATION PENNY PROGRAM SCDOT PROJECT ID P029410, RPP PROJECT NO.180 POLO ROAD (S-2214, S-2919) SHARED-USE PATH



PROJECT LOCATION MAP

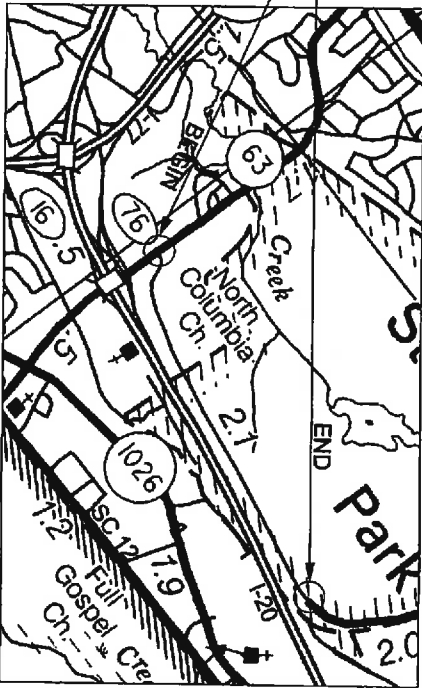
ENVIRONMENTAL PERMIT INFORMATION	YES	NO
WATER PERMIT	YES	NO
DEED DOCUMENT	YES	NO
401 CERTIFICATION	YES	NO
OPEN CUP	YES	NO
IMMEDIATE WATERS	NO	YES

RPP PROJECT ID:  
POLO ROAD (S-2214, S-2919)  
STATIONING: STA. 100+00.00 TO STA. 100+08.30

3 DAY RESPONSE WINDOW IN SOUTH CAROLINA  
CALL 811  
SOUTH CAROLINA 811 SERVICE  
WWW.811.SOUTH-CAROLINA.GOV  
ALL UTILITIES MUST BE A MEMBER OF 811

PAVED ROAD IMPROVEMENT  
YES

TRAFFIC DATA	2012 ADT	10,000
2037 ADT	12,912	
TRUCKS	N/A	%



### LAYOUT

ITEM	SCHEDULE		SCHEDULE		TOTAL
	1200	1500	1800	2100	
NET LENGTH OF PROPOSED	1200	1500	1800	2100	1200
NET LENGTH OF PROPOSED	1200	1500	1800	2100	1200
NET LENGTH OF PROPOSED	1200	1500	1800	2100	1200
NET LENGTH OF PROPOSED	1200	1500	1800	2100	1200
NET LENGTH OF PROPOSED	1200	1500	1800	2100	1200

NOTE: EXISTING IS ANY CONCRETE OR ASPHALT ON THE PLANS OR AT THE SITE. EXISTING IS ANY CONCRETE OR ASPHALT ON THE PLANS OR AT THE SITE. EXISTING IS ANY CONCRETE OR ASPHALT ON THE PLANS OR AT THE SITE. EXISTING IS ANY CONCRETE OR ASPHALT ON THE PLANS OR AT THE SITE.

CONSULTING ENGINEERING FIRM  
**Mead Hunt**  
909 SOUTH LAKE DRIVE  
LEWISTON, NC 29757

Project Information for these plans to date: 2001 As noted on the Plans and Specifications of the Project. The design of these plans is the responsibility of the Designer. 2009	Project Information for these plans to date: 2001 As noted on the Plans and Specifications of the Project. The design of these plans is the responsibility of the Designer. 2009
DESIGNER INFORMATION: Designer: MEAD & HUNT, INC.	DESIGNER INFORMATION: Designer: MEAD & HUNT, INC.
Project Information for these plans to date: 2001 As noted on the Plans and Specifications of the Project. The design of these plans is the responsibility of the Designer. 2009	Project Information for these plans to date: 2001 As noted on the Plans and Specifications of the Project. The design of these plans is the responsibility of the Designer. 2009
Project Information for these plans to date: 2001 As noted on the Plans and Specifications of the Project. The design of these plans is the responsibility of the Designer. 2009	Project Information for these plans to date: 2001 As noted on the Plans and Specifications of the Project. The design of these plans is the responsibility of the Designer. 2009

REVISION	DATE	BY	DESCRIPTION

For Right of Way Acquisition:  
Regional Production Engineer: \_\_\_\_\_  
Date: \_\_\_\_\_

ENGINEER OF RECORD  
MEAD & HUNT, INC.  
Date: \_\_\_\_\_





## **CONSTRUCTION AGREEMENT**

This Construction Agreement (“**Agreement**”) is made as of \_\_\_\_\_, 20\_\_\_\_, by and between CSX TRANSPORTATION, INC., a Virginia corporation with its principal place of business in Jacksonville, Florida (“**CSXT**”), the City of Columbia (**City**), and **Richland County**, a body corporate and political subdivision of the State of **South Carolina** (“**Agency**”).

### **EXPLANATORY STATEMENT**

1. Agency has proposed to construct, or to cause to be constructed, Project: **Columbia, Richland County, SC, Installation of Sidewalk for the Three Rivers Greenway (Saluda Riverwalk) adjacent to the CSXT Bridge approximately 30-feet from centerline of track at RRMP C-1.58 near DOT No. 640441N, Florence Division, CN&L Subdivision, (the “Project”)**.
2. Agency has obtained, or will obtain, all authorizations, permits and approvals from all local, state and federal agencies (including Agency), and their respective governing bodies and regulatory agencies, necessary to proceed with the Project and to appropriate all funds necessary to construct the Project.
3. Agency acknowledges that: (i) by entering into this Agreement, CSXT will provide services and accommodations to promote public interest in this Project, without profit or other economic inducement typical of other Agency contractors; (ii) neither CSXT nor its affiliates (including their respective directors, officers, employees or agents) will incur any costs, expenses, losses or liabilities in excess of payments made to CSXT, by or on behalf of Agency or its contractors, pursuant to this Agreement; and (iii) CSXT retains the paramount right to regulate all activities affecting its property and operations.
4. It is the purpose of this Agreement to provide for the terms and conditions upon which the Project may proceed.

NOW, THEREFORE, in consideration of the foregoing Explanatory Statement and other good and valuable consideration, the receipt and sufficiency of which are acknowledged by the parties, the parties agree as follows:

#### 1. Project Plans and Specifications

- 1.1 Preparation and Approval. Pursuant to Exhibit A of this Agreement, all plans, specifications, drawings and other documents necessary or appropriate to the design and construction of the Project shall be prepared, at Agency’s sole cost and expense, by Agency or CSXT or their respective contractors. Project plans, specifications and drawings prepared by or on behalf of Agency shall be subject, at CSXT’s election, to the review and approval of CSXT. Such plans, specifications and drawings, as prepared or approved by CSXT, are referred to as the “**Plans**”, and shall be incorporated and deemed a part of this Agreement. Plans prepared or submitted to and approved by CSXT as of the date of this Agreement are set forth in Exhibit B to this Agreement.
- 1.2 Effect of CSXT Approval or Preparation of Plans. By its review, approval or preparation of Plans pursuant to this Agreement, CSXT signifies only that such Plans and improvements

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constructed in accordance with such Plans satisfy CSXT's requirements. CSXT expressly disclaims all other representations and warranties in connection with the Plans, including, but not limited to, the integrity, suitability or fitness for the purposes of Agency or any other persons of the Plans or improvements constructed in accordance with the Plans.

1.3 Compliance with Plans. The Project shall be constructed in accordance with the Plans.

2. Allocation and Conduct of Work

Work in connection with the Project shall be allocated and conducted as follows:

2.1 CSXT Work. Subject to timely payment of Reimbursable Expenses as provided by Section 4, CSXT shall provide, or cause to be provided, the services as set forth by Exhibit A to this Agreement. Agency agrees that CSXT shall provide all services that CSXT deems necessary or appropriate (whether or not specified by Exhibit A) to preserve and maintain its property and operations, without impairment or exposure to liability of any kind and in compliance with all applicable federal, state and local regulations and CSXT's contractual obligations, including, but not limited to, CSXT's existing or proposed third party agreements and collective bargaining agreements.

2.2 Agency Work. Agency shall perform, or cause to be performed, all work as set forth by Exhibit A, at Agency's sole cost and expense.

2.3 Conduct of Work. CSXT shall commence its work under this Agreement following: (i) delivery to CSXT of a notice to proceed from Agency; (ii) payment of Reimbursable Expenses (as provided by Section 4.1) as required by CSXT prior to the commencement of work by CSXT; (iii) issuance of all permits, approvals and authorizations necessary or appropriate for such work; and (iv) delivery of proof of insurance acceptable to CSXT, as required by Section 9. The initiation of any services by CSXT pursuant to this Agreement, including, but not limited to, the issuance of purchase orders or bids for materials or services, shall constitute commencement of work for the purposes of this Section. The parties intend that all work by CSXT or on CSXT property shall conclude no later than **12 months from the date of fully executed Construction Agreement**, unless the parties mutually agree to extend such date.

3. Special Provisions

3.1 AGENCY shall engage a third party contractor or contractors ("Contractor") to perform a portion of the work allocated to AGENCY pursuant to the "Scope of Work" (Exhibit A).

3.2 AGENCY shall require the Contractor to perform such work in accordance with the CSXT Special Provisions, a copy of which is attached hereto as Exhibit C and made a part hereof (the "CSXT Special Provisions").

3.3 Contractor shall not commence the work of the Project either on CSXT's property or right-of-way or within fifty (50) feet of the railroad property or so as to affect any CSXT railroad bridge, trestle, tracks, roadbeds, tunnel, underpass or crossing, unless and until the Contractor satisfies the following conditions: (1) Contractor shall have executed and delivered to CSXT the Contractor's Agreement, a copy of which is attached to this Agreement as Schedule I; (2) Contractor has provided CSXT with proof of insurance required by the Contractor's Agreement satisfactory to CSXT; and (3)

CSXT OP#

Contractor has otherwise complied with the notice requirements of Section IV of the CSXT Special Provisions.

4. Cost of Project and Reimbursement Procedures

4.1 Reimbursable Expenses. Agency shall reimburse CSXT for all costs and expenses incurred by CSXT in connection with the Project, including, without limitation: (1) all out of pocket expenses, (2) travel and lodging expenses, (3) telephone, facsimile, and mailing expenses, (4) costs for equipment, tools, materials and supplies, (5) sums paid to CSXT's consultants and subcontractors, and (6) CSXT labor in connection with the Project, together with CSXT labor overhead percentages established by CSXT pursuant to applicable law (collectively, "**Reimbursable Expenses**"). Reimbursable Expenses shall also include expenses incurred by CSXT prior to the date of this Agreement to the extent identified by the Estimate provided pursuant to Section 4.2.

4.2 Estimate. CSXT has estimated the total Reimbursable Expenses for the Project as shown on Exhibit D (the "**Estimate**", as amended or revised). In the event CSXT anticipates that actual Reimbursable Expenses for the Project may exceed such Estimate, it shall provide Agency with the revised Estimate of the total Reimbursable Expenses, together with a revised Payment Schedule (as defined by Section 4.3.1), for Agency's approval and confirmation that sufficient funds have been appropriated to cover the total Reimbursable Expenses of such revised Estimate. CSXT may elect, by delivery of notice to Agency, to immediately cease all further work on the Project, unless and until Agency provides such approval and confirmation.

4.3 Payment Terms.

4.3.1 Agency shall pay CSXT for Reimbursable Expenses in the amounts and on the dates set forth in the Payment Schedule as shown on Exhibit E (the "Payment Schedule", as revised pursuant to Section 4.2). CSXT agrees to submit invoices to Agency for such amounts and Agency shall remit payment to CSXT at the later of sixty (60) days following delivery of each such invoice to Agency or, the payment date (if any) set forth in the Payment Schedule

4.3.2 Following completion of the Project, CSXT shall submit to Agency a final invoice that reconciles the total Reimbursable Expenses incurred by CSXT against the total payments received from Agency. Agency shall pay to CSXT the amount by which Reimbursable Expenses exceed total payments as shown by the final invoice, within thirty (30) days following delivery of such invoice to Agency. In the event that the payments received by CSXT from Agency exceed the Reimbursable Expenses, CSXT shall remit such excess to Agency.

4.3.3 In the event that Agency fails to pay CSXT any sums due CSXT under this Agreement:  
(i) Agency shall pay CSXT interest at the lesser of 1.0% per month or the maximum rate of interest permitted by applicable law on the delinquent amount until paid in full; and  
(ii) CSXT may elect, by delivery of notice to Agency: (A) to immediately cease all further work on the Project, unless and until Agency pays the entire delinquent sum, together with accrued interest; and/or (B) to terminate this Agreement.

4.3.4 All invoices from CSXT shall be delivered to Agency in accordance with Section 16 of this Agreement. All payments by Agency to CSXT shall be made by certified check and mailed to the following address or such other address as designated by CSXT's notice to Agency:

CSXT OP# \_

CSX Transportation, Inc.  
P.O. Box 530192  
Atlanta, GA 30353-0192

- 4.4 Effect of Termination. Agency's obligation to pay to CSXT Reimbursable Expenses in accordance with Section 4 shall survive termination of this Agreement for any reason.
5. Appropriations Agency represents to CSXT that: (i) Agency has appropriated funds sufficient to reimburse CSXT for the Reimbursable Expenses encompassed by the Estimate attached as Exhibit D; (ii) Agency shall use its best efforts to obtain appropriations necessary to cover Reimbursable Expenses encompassed by subsequent Estimates approved by Agency; and (iii) Agency shall promptly notify CSXT in the event that Agency is unable to obtain such appropriations.
6. Easements and Licenses
- 6.1 Agency Obligation. Agency shall acquire all necessary licenses, permits and easements required for the Project.
- 6.2 Temporary Construction Licenses. Insofar as it has the right to do so, CSXT hereby grants Agency a nonexclusive license to access and cross CSXT's property, to the extent necessary for the construction of the Project (excluding ingress or egress over public grade crossings), along such routes and upon such terms as may be defined and imposed by CSXT and such temporary construction easements as may be designated on the Plans approved by CSXT.
- 6.3 Permanent Easements. Insofar as it has the right to do so, CSXT shall grant, without warranty to Agency and City, easements for the use and maintenance of the Project wholly or partly on CSXT property as shown on the Plans approved by CSXT, if any, on terms and conditions and at a price acceptable to the parties. Upon request by CSXT, Agency or City shall furnish to CSXT descriptions and plat plans for the easements.
7. Permits At its sole cost and expense, Agency shall procure all permits and approvals required by any federal, state, or local governments or governmental agencies for the construction, maintenance and use of the Project, copies of which shall be provided to CSXT.
8. Termination
- 8.1 By Agency. For any reason, Agency may, as its sole remedy, terminate this Agreement by delivery of notice to CSXT. Agency shall not be entitled to otherwise pursue claims for consequential, direct, indirect or incidental damages or lost profits as a consequence of CSXT's default or termination of this Agreement or Work on the Project by either party.
- 8.2 By CSXT. In addition to the other rights and remedies available to CSXT under this Agreement, CSXT may terminate this Agreement by delivery of notice to Agency in the event Agency or its Contractors fail to observe the terms or conditions of this Agreement and such failure continues more than ten (10) business days following delivery of notice of such failure by CSXT to Agency.

CSXT OP# \_

- 8.3 Consequences of Termination. If the Agreement is terminated by either party pursuant to this Section or any other provision of this Agreement, the parties understand that it may be impractical for them to immediately stop the Work. Accordingly, they agree that, in such instance a party may continue to perform Work until it has reached a point where it may reasonably and safely suspend the Work. Agency shall reimburse CSXT pursuant to this Agreement for the Work performed, plus all costs reasonably incurred by CSXT to discontinue the Work and protect the Work upon full suspension of the same, the cost of returning CSXT's property to its former condition, and all other costs of CSXT incurred as a result of the Project up to the time of full suspension of the Work. Termination of this Agreement or Work on the Project, for any reason, shall not diminish or reduce Agency's obligation to pay CSXT for Reimbursable Expenses incurred in accordance with this Agreement. In the event of the termination of this Agreement or the Work for any reason, CSXT's only remaining obligation to Agency shall be to refund to Agency payments made to CSXT in excess of Reimbursable Expenses in accordance with Section 4.
9. Insurance In addition to the insurance that Agency requires of its Contractor, Agency shall require its Contractor to purchase and maintain insurance in compliance with CSXT's insurance requirements attached to this Agreement as Exhibit F. Neither Agency nor Contractor shall commence work on the Project until such policy or policies have been submitted to and approved by CSXT's Risk Management Department.
10. Ownership and Maintenance
- 10.1 By Agency and City. Agency and City shall own, maintain and repair, at its sole cost and expense, all parts comprising the permanent aspects of the Project, as shown by the Plans. In the event Agency or City fails to do so after reasonable notice from CSXT (no more than thirty (30) days, unless an emergency condition exists or is imminent in the opinion of CSXT, that requires immediate action), CSXT may perform such maintenance and repair, at Agency or City's sole cost and expense. Upon the cessation of use of the Project by Agency or City, Agency or City shall remove the structure and restore CSXT's property to its original condition, at Agency or City's sole cost and expense, to CSXT's satisfaction.
- 10.2 Alterations. Agency or City shall not undertake any alteration, modification or expansion of the Project, without the prior approval of CSXT, which may be withheld for any reason, and the execution of such agreements as CSXT may require.
11. Work by Agency or City
- 11.1 In the event that AGENCY or CITY performs any work associated with the Project, with its own employees or agents other than the Contractor, AGENCY or CITY shall perform such work in accordance with and abide by the CSXT Special Provisions, except that CSXT acknowledges that AGENCY or CITY's liability for damages of any kind arising from its own tortious activity is limited by the S. C. Tort Claims Act (S. C. Code Section 15-78-10, et seq.) and the AGENCY or CITY's general liability insurance covers liability only within the limits of the S. C. Tort Claims Act and nothing in this Agreement or the Special Provisions shall be construed to expand AGENCY or CITY's liability for its actions performed on the CSXT right of way beyond the limits of the S. C. Tort Claims Act.

CSXT OP# \_

- 11.2 Compliance with Laws. Agency and City shall comply, and shall require its Contractors to comply, with any federal, state, or local laws, statutes, codes, ordinances, rules, and regulations applicable to its construction and maintenance of the Project. Agency's Contractors shall indemnify, defend, and hold CSXT and its affiliates harmless with respect to any fines, penalties, liabilities, or other consequences arising from breaches of this Section.
- 11.3 "CSXT Affiliates". For the purpose of this Section 11, CSXT's affiliates include CSX Corporation and all entities, directly or indirectly, owned or controlled by or under common control of CSXT or CSX Corporation and their respective officers, directors, employees and agents.
- 11.4 Notice of Incidents. Agency and its Contractor shall notify CSXT promptly of any loss, damage, injury or death arising out of or in connection with the Project work.
- 11.5 Survival. The provisions of this Section 11 shall survive the termination or expiration of this Agreement.
12. Independent Contractor The parties agree that neither Agency, City nor its Contractors shall be deemed either agents or independent contractors of CSXT. Except as otherwise provided by this Agreement, CSXT shall exercise no control whatsoever over the employment, discharge, compensation of, or services rendered by Agency or Agency's Contractors, or the construction practices, procedures, and professional judgment employed by Agency or its Contractor to complete the Project. Notwithstanding the foregoing, this Section 12 shall in no way affect the absolute authority of CSXT to prohibit Agency or its Contractors or anyone from entering CSXT's property, or to require the removal of any person from its property, if it determines, in its sole discretion, that such person is not acting in a safe manner or that actual or potential hazards in, on or about the Project exist.
13. "Entire Agreement" This Agreement embodies the entire understanding of the parties, may not be waived or modified except in a writing signed by authorized representatives of both parties, and supersedes all prior or contemporaneous written or oral understandings, agreements or negotiations regarding its subject matter. In the event of any inconsistency between this Agreement and the Exhibits, the more specific terms of the Exhibits shall be deemed controlling.
14. Waiver If either party fails to enforce its respective rights under this Agreement, or fails to insist upon the performance of the other party's obligations hereunder, such failure shall not be construed as a permanent waiver of any rights or obligations in this Agreement.
15. Assignment CSXT may assign this Agreement and all rights and obligations herein to a successor in interest, parent company, affiliate, or future affiliate. Upon assignment of this Agreement by CSXT and the assumption of CSXT's assignee of CSXT's obligations under this Agreement, CSXT shall

CSXT OP# \_

have no further obligation under this Agreement. Agency shall not assign its rights or obligations under this Agreement without CSXT's prior consent, which consent may be withheld for any reason.

16. Notices All notices, consents and approvals required or permitted by this Agreement shall be in writing and shall be deemed delivered upon personal delivery, upon the expiration of three (3) days following mailing by first class U.S. mail, or upon the next business day following mailing by a nationally recognized overnight carrier, to the parties at the addresses set forth below, or such other addresses as either party may designate by delivery of prior notice to the other party:

If to CSXT: CSX Transportation, Inc.  
500 Water Street J-301  
Jacksonville, FL 32202  
Attention: Director Project Management – Public Projects

If to Agency: Richland County Transportation Penny Program  
201 Arbor Lake Drive  
Columbia, SC 029223  
Attention: \_\_\_\_\_

If to City: City of Columbia  
1136 Washington St., 7th Floor  
Columbia, SC 29201  
Attention: Eng. Dept./Real Estate – Paxton Williams

17. Severability The parties agree that if any part, term or provision of this Agreement is held to be illegal, unenforceable or in conflict with any applicable federal, state, or local law or regulation, such part, term or provision shall be severable, with the remainder of the Agreement remaining valid and enforceable.
18. Applicable Law This Agreement shall be governed by the laws of the State of **South Carolina**, exclusive of its choice of law rules. The parties further agree that the venue of all legal and equitable proceedings related to disputes under this Agreement shall be situated in **Richland County, South Carolina**, and the parties agree to submit to the personal jurisdiction of any State or Federal court situated in **Richland County, South Carolina**.



Three Rivers Greenway (Saluda Riverwalk) within CSXT  
Columbia, Richland Co., SC  
near DOT No. 640441N, RRMP C-1.58  
Florence Division, CN&L Subdivision

CSXT OP# \_\_\_\_\_

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed in duplicate, each by its duly authorized officers, as of the date of this Agreement.

**Richland, State of South Carolina**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**CSX TRANSPORTATION, INC.**

By: \_\_\_\_\_

Name: Tony C. Bellamy

Title: Director of Project Management – Public Projects

**EXHIBIT A**  
**ALLOCATION OF WORK**

Subject to Section 2.1, work to be performed in connection with the Project is allocated as follows:

- A. Agency shall let by contract to its Contractors:
  - 1. Installation of a concrete sidewalk within CSXT right-of-way according to the approved final plans.
  
- B. CSXT shall perform or cause to be performed:
  - 1. Preliminary engineering services.
  - 2. Flagging services and other protective services and devices as may be necessary.
  - 3. Construction engineering and inspection to protect the interests of CSXT.
  - 4. Excess Soil Support Services as described in the Soil and Water Management Policy found in CSXT's Public Project Manual dated July 2017.
  - 5. Accounting and Administrative Services related to the foregoing.

Three Rivers Greenway (Saluda Riverwalk) within CSXT  
Columbia, Richland Co., SC  
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## **EXHIBIT B**

### **PLANS AND SPECIFICATIONS**

#### Plans, Specifications and Drawings:

As of the date of this Agreement, the following plans, specifications and drawings have been submitted by Agency to CSXT for its review and approval:

- Saluda Riverwalk Phase 1 a Component of the Three Rivers Greenway (1-sheet) received on May 31, 2018.

**NOTE:** In the event subsequent plan submissions are made by Company to CSXT for review and approval, once approved, said plans shall be considered to be incorporated into this Exhibit B as of the date of CSXT's written approval

## EXHIBIT C

### CSXT SPECIAL PROVISIONS

#### DEFINITIONS:

As used in these Special Provisions, all capitalized terms shall have the meanings ascribed to them by the Agreement, and the following terms shall have the meanings ascribed to them below:

“CSXT” shall mean CSX Transportation, Inc., its successors and assigns.

“CSXT Representative” shall mean the authorized representative of CSX Transportation, Inc.

“Agreement” shall mean the Agreement between CSXT and Agency, as amended from time to time.

“Agency” shall mean the **Richland County, South Carolina**

“Agency Representative” shall mean the authorized representative of **Richland County, South Carolina**.

“Contractor” shall have the meaning ascribed to such term by the Agreement.

“Work” shall mean the Project as described in the Agreement.

#### I. AUTHORITY OF CSXT ENGINEER

The CSXT Representative shall have final authority in all matters affecting the safe maintenance of CSXT operations and CSXT property, and his or her approval shall be obtained by the Agency or its Contractor for methods of construction to avoid interference with CSXT operations and CSXT property and all other matters contemplated by the Agreement and these Special Provisions.

#### II. INTERFERENCE WITH CSXT OPERATIONS

- A. Agency or its Contractor shall arrange and conduct its work so that there will be no interference with CSXT operations, including train, signal, telephone and telegraphic services, or damage to CSXT’s property, or to poles, wires, and other facilities of tenants on CSXT’s Property or right-of-way. Agency or its Contractor shall store materials so as to prevent trespassers from causing damage to trains, or CSXT Property. Whenever Work is likely to affect the operations or safety of trains, the method of doing such Work shall first be submitted to the CSXT Representative for approval, but such approval shall not relieve Agency or its Contractor from liability in connection with such Work.
- B. If conditions arising from or in connection with the Project require that immediate and unusual provisions be made to protect train operation or CSXT’s property, Agency or its Contractor shall make such provision. If the CSXT Representative determines that such provision is insufficient, CSXT may, at the expense of Agency or its Contractor, require or provide such provision as may be deemed necessary, or cause the Work to cease immediately.

CSXT OP# \_

**III. NOTICE OF STARTING WORK.** Agency or its Contractor shall not commence any work on CSXT Property or rights-of-way until it has complied with the following conditions:

- A. Notify CSXT in writing of the date that it intends to commence Work on the Project. Such notice must be received by CSXT at least ten business days in advance of the date Agency or its Contractor proposes to begin Work on CSXT property. The notice must refer to this Agreement by date. If flagging service is required, such notice shall be submitted at least thirty (30) business days in advance of the date scheduled to commence the Work.
- B. Obtain authorization from the CSXT Representative to begin Work on CSXT property, such authorization to include an outline of specific conditions with which it must comply.
- C. Obtain from CSXT the names, addresses and telephone numbers of CSXT's personnel who must receive notice under provisions in the Agreement. Where more than one individual is designated, the area of responsibility of each shall be specified.

**IV. WORK FOR THE BENEFIT OF THE CONTRACTOR**

- A. No temporary or permanent changes to wire lines or other facilities (other than third party fiber optic cable transmission systems) on CSXT property that are considered necessary to the Work are anticipated or shown on the Plans. If any such changes are, or become, necessary in the opinion of CSXT or Agency, such changes will be covered by appropriate revisions to the Plans and by preparation of a force account estimate. Such force account estimate may be initiated by either CSXT or Agency, but must be approved by both CSXT and Agency. Agency or Contractor shall be responsible for arranging for the relocation of the third party fiber optic cable transmission systems, at no cost or expense to CSXT.
- B. Should Agency or Contractor desire any changes in addition to the above, then it shall make separate arrangements with CSXT for such changes to be accomplished at the Agency or Contractor's expense.

**V. HAUL ACROSS RAILROAD**

- A. If Agency or Contractor desires access across CSXT property or tracks at other than an existing and open public road crossing in or incident to construction of the Project, the Agency or Contractor must first obtain the permission of CSXT and shall execute a license agreement or right of entry satisfactory to CSXT, wherein Agency or Contractor agrees to bear all costs and liabilities related to such access.
- B. Agency and Contractor shall not cross CSXT's property and tracks with vehicles or equipment of any kind or character, except at such crossing or crossings as may be permitted pursuant to this section.

CSXT OP# \_

## VI. COOPERATION AND DELAYS

- A. Agency or Contractor shall arrange a schedule with CSXT for accomplishing stage construction involving work by CSXT. In arranging its schedule, Agency or Contractor shall ascertain, from CSXT, the lead time required for assembling crews and materials and shall make due allowance therefore.
- B. Agency or Contractor may not charge any costs or submit any claims against CSXT for hindrance or delay caused by railroad traffic; work done by CSXT or other delay incident to or necessary for safe maintenance of railroad traffic; or for any delays due to compliance with these Special Provisions.
- C. Agency and Contractor shall cooperate with others participating in the construction of the Project to the end that all work may be carried on to the best advantage.
- D. Agency and Contractor understand and agree that CSXT does not assume any responsibility for work performed by others in connection the Project. Agency and Contractor further understand and agree that they shall have no claim whatsoever against CSXT for any inconvenience, delay or additional cost incurred by Agency or Contractor on account of operations by others.

## VII. STORAGE OF MATERIALS AND EQUIPMENT

Agency and Contractor shall not store their materials or equipment on CSXT's property or where they may potentially interfere with CSXT's operations, unless Agency or Contractor has received CSXT Representative's prior written permission. Agency and Contractor understand and agree that CSXT will not be liable for any damage to such materials and equipment from any cause and that CSXT may move, or require Agency or Contractor to move, such material and equipment at Agency's or Contractor's sole expense. To minimize the possibility of damage to the railroad tracks resulting from the unauthorized use of equipment, all grading or other construction equipment that is left parked near the tracks unattended by watchmen shall be immobilized to the extent feasible so that it cannot be moved by unauthorized persons.

## VIII. CONSTRUCTION PROCEDURES

- A. General
  - 1. Construction work on CSXT property shall be subject to CSXT's inspection and approval.
  - 2. Construction work on CSXT property shall be in accord with CSXT's written outline of specific conditions and with these Special Provisions.
  - 3. Contractor shall observe the terms and rules of the CSXT Safe Way manual, which Agency and Contractor shall be required to obtain from CSXT, and in accord with any other instructions furnished by CSXT or CSXT's Representative.
- B. Blasting

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1. Agency or Contractor shall obtain CSXT Representative's and Agency Representative's prior written approval for use of explosives on or adjacent to CSXT property. If permission for use of explosives is granted, Agency or Contractor must comply with the following:
  - a. Blasting shall be done with light charges under the direct supervision of a responsible officer or employee of Agency or Contractor.
  - b. Electric detonating fuses shall not be used because of the possibility of premature explosions resulting from operation of two-way train radios.
  - c. No blasting shall be done without the presence of an authorized representative of CSXT. At least 10 days' advance notice to CSXT Representative is required to arrange for the presence of an authorized CSXT representative and any flagging that CSXT may require.
  - d. Agency or Contractor must have at the Project site adequate equipment, labor and materials, and allow sufficient time, to (i) clean up (at Agency's expense) debris resulting from the blasting without any delay to trains; and (ii) correct (at Agency's expense) any track misalignment or other damage to CSXT's property resulting from the blasting, as directed by CSXT Representative, without delay to trains. If Agency's or Contractor's actions result in delay of any trains, including Amtrak passenger trains, Agency shall bear the entire cost thereof.
  - e. Agency and Contractor shall not store explosives on CSXT property.
2. CSXT Representative will:
  - a. Determine the approximate location of trains and advise Agency or Contractor of the approximate amount of time available for the blasting operation and clean-up.
  - b. Have the authority to order discontinuance of blasting if, in his or her opinion, blasting is too hazardous or is not in accord with these Special Provisions.

#### IX. MAINTENANCE OF DITCHES ADJACENT TO CSXT TRACKS

Agency or Contractor shall maintain all ditches and drainage structures free of silt or other obstructions that may result from their operations. Agency or Contractor shall provide erosion control measures during construction and use methods that accord with applicable state standard specifications for road and bridge construction, including either (1) silt fence; (2) hay or straw barrier; (3) berm or temporary ditches; (4) sediment basin; (5) aggregate checks; and (6) channel lining. All such maintenance and repair of damages due to Agency's or Contractor's operations shall be performed at Agency's expense.

#### X. FLAGGING / INSPECTION SERVICE

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- A. CSXT has sole authority to determine the need for flagging required to protect its operations and property. In general, flagging protection will be required whenever Agency or Contractor or their equipment are, or are likely to be, working within fifty (50) feet of live track or other track clearances specified by CSXT, or over tracks.
- B. Agency shall reimburse CSXT directly for all costs of flagging that is required on account of construction within CSXT property shown in the Plans, or that is covered by an approved plan revision, supplemental agreement or change order.
- C. Agency or Contractor shall give a minimum of 10 days' advance notice to CSXT Representative for anticipated need for flagging service. No work shall be undertaken until the flag person(s) is/are at the job site. If it is necessary for CSXT to advertise a flagging job for bid, it may take up to 90-days to obtain this service and CSXT shall not be liable for the cost of delays attributable to obtaining such service.
- D. CSXT shall have the right to assign an individual to the site of the Project to perform inspection service whenever, in the opinion of CSXT Representative, such inspection may be necessary. Agency shall reimburse CSXT for the costs incurred by CSXT for such inspection service. Inspection service shall not relieve Agency or Contractor from liability for its Work.
- E. CSXT shall render invoices for, and Agency shall pay for, the actual pay rate of the flagpersons and inspectors used, plus standard additives, whether that amount is above or below the rate provided in the Estimate. If the rate of pay that is to be used for inspector or flagging service is changed before the work is started or during the progress of the work, whether by law or agreement between CSXT and its employees, or if the tax rates on labor are changed, bills will be rendered by CSXT and paid by Agency using the new rates. Agency and Contractor shall perform their operations that require flagging protection or inspection service in such a manner and sequence that the cost of such will be as economical as possible.

#### XI. UTILITY FACILITIES ON CSXT PROPERTY

Agency shall arrange, upon approval from CSXT, to have any utility facilities on or over CSXT Property changed as may be necessary to provide clearances for the proposed trackage.

#### XII. CLEAN-UP

Agency or Contractor, upon completion of the Project, shall remove from CSXT's Property any temporary grade crossings, any temporary erosion control measures used to control drainage, all machinery, equipment, surplus materials, falsework, rubbish, or temporary buildings belonging to Agency or Contractor. Agency or Contractor, upon completion of the Project, shall leave CSXT Property in neat condition, satisfactory to CSXT Representative.

#### XIII. FAILURE TO COMPLY

If Agency or Contractor violate or fail to comply with any of the requirements of these Special



Three Rivers Greenway (Saluda Riverwalk) within CSXT  
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Provisions, (a) CSXT may require Agency and/or Contractor to vacate CSXT Property; and (b) CSXT may withhold monies due Agency and/or Contractor; (c) CSXT may require Agency to withhold monies due Contractor; and (d) CSXT may cure such failure and the Agency shall reimburse CSXT for the cost of curing such failure.

Three Rivers Greenway (Saluda Riverwalk) within CSXT  
Columbia, Richland Co., SC  
near DOT No. 640441N, RRMP C-1.58  
Florence Division, CN&L Subdivision

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**EXHIBIT D**

INITIAL ESTIMATE  
ATTACHED

**CSX TRANSPORTATION, INC.  
FORCE ACCOUNT ESTIMATE**

ACCT. CODE : 709 -

<b>ESTIMATE SUBJECT TO REVISION AFTER:</b>	<b>12/9/2018</b>	<b>DOT NO.:</b> near 640441N
<b>CITY:</b> Columbia	<b>COUNTY:</b> Richland	<b>STATE:</b> SC
<b>DESCRIPTION:</b> Estimate for construction engineering and inspection and flagging services Main St. (SR-36) Sidewalk Improvements within CSXT right-of-way		
<b>DIVISION:</b> Florence	<b>SUB-DIV:</b> CN&L	<b>MILE POST:</b> C-1.58
<b>AGENCY PROJECT NUMBER:</b>		

**PRELIMINARY ENGINEERING:**

Contracted & Administrative Engineering Services (CSXT In-House)	\$	500
212 Contracted & Administrative Engineering Services (Arcadis)	\$	3,000
<b>Subtotal</b>	\$	<u>3,500</u>

**CONSTRUCTION ENGINEERING/INSPECTION:**

212 Contracted & Administrative Engineering Services (CSXT In-House)	\$	1,000
212 Contracted & Administrative Engineering Services (Arcadis)	\$	4,000
<b>Subtotal</b>	\$	<u>5,000</u>

**FLAGGING SERVICE: (Contract Labor)**

070 Labor (Conductor-Flagman)		\$	-
050 Labor (Foreman/Inspector)	3 Days @	\$ 447.76	\$ 1,343
070 Additive (Transportation Department)		\$	-
050 Additive 163.09% (Engineering Department)		\$	2,191
230 Per Diem (Engineering Department)	3 Days @	\$ 77.00	\$ 231
230 Expenses		\$	135
<b>Subtotal</b>		\$	<u>3,900</u>

**SIGNAL & COMMUNICATIONS WORK:**

\$ -

**TRACK WORK:**

\$ -

**PROJECT SUBTOTAL**

\$ 12,400

900 **CONTINGENCIES:** 10.00%

\$ 1,240

**GRAND TOTAL \*\*\*\*\***

\$ 13,640

**DIVISION OF COST:**

Agency	<u>100.00%</u>	\$	13,640
Railroad		\$	-
<b>TOTAL *****</b>		\$	<u>13,640</u>

**NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.**

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Assistant Chief Engineer Public Projects—Jacksonville, Florida

Estimated prepared by:

M. Meyer, Arcadis

Approved by:

CSXT Public Project Group

DATE: 6/12/2018

REVISED:

DATE:

Three Rivers Greenway (Saluda Riverwalk) within CSXT  
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Florence Division, CN&L Subdivision

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## **EXHIBIT E**

### **PAYMENT SCHEDULE**

#### **Advance Payment in Full**

Upon execution and delivery of notice to proceed with the Project, Agency will deposit with CSXT a sum equal to the Reimbursable Expenses, as shown by the Estimate. If CSXT anticipates that it may incur Reimbursable Expenses in excess of the deposited amount, CSXT will request an additional deposit equal to the then remaining Reimbursable Expenses which CSXT estimates that it will incur. CSXT shall request such additional deposit by delivery of invoices to Agency. Agency shall make such additional deposit within 30 days following delivery of such invoice to Agency.

## EXHIBIT F

### INSURANCE REQUIREMENTS

#### I. Insurance Policies:

Contractor, if and to the extent that either is performing work on or about CSXT's property, shall procure and maintain the following insurance policies:

1. Commercial General Liability coverage at their sole cost and expense with limits of not less than \$5,000,000 in combined single limits for bodily injury and/or property damage per occurrence, and such policies shall name CSXT as an additional insured.
2. Statutory Worker's Compensation and Employers Liability Insurance with limits of not less than \$1,000,000, which insurance must contain a waiver of subrogation against CSXT and its affiliates [if permitted by state law].
3. Commercial automobile liability insurance with limits of not less than \$1,000,000 combined single limit for bodily injury and/or property damage per occurrence, and such policies shall name CSXT as an additional insured.
4. Railroad protective liability insurance with limits of not less than \$5,000,000 combined single limit for bodily injury and/or property damage per occurrence and an aggregate annual limit of \$10,000,000, which insurance shall satisfy the following additional requirements:
  - a. The Railroad Protective Insurance Policy must be on the ISO/RIMA Form of Railroad Protective Insurance - Insurance Services Office (ISO) Form CG 00 35.
  - b. CSX Transportation must be the named insured on the Railroad Protective Insurance Policy. The address should be listed as:

CSX Transportation, Inc.  
500 Water Street - C907  
Jacksonville, FL 32202
  - c. Name and Address of Contractor must be shown on the Declarations page.
  - d. Description of operations must appear on the Declarations page and must match the Project description, including project or contract identification numbers.
  - e. Authorized endorsements must include the Pollution Exclusion Amendment - CG 28 31, unless using form CG 00 35 version 96 and later.
  - f. Authorized endorsements may include:
    - (i) Broad Form Nuclear Exclusion - IL 00 21
    - (ii) 30-day Advance Notice of Non-renewal or cancellation

CSXT OP# \_

- (iii) Required State Cancellation Endorsement
- (iv) Quick Reference or Index - CL/IL 240

g. Authorized endorsements may not include:

- (i) A Pollution Exclusion Endorsement except CG 28 31
- (ii) A Punitive or Exemplary Damages Exclusion
- (iii) A "Common Policy Conditions" Endorsement
- (iv) Any endorsement that is not named in Section 4 (e) or (f) above.
- (v) Policies that contain any type of deductible

5. All insurance companies must be A. M. Best rated A- and Class VII or better.

6. Such additional or different insurance as CSXT may require.

## II. Additional Terms

1. Contractor must submit the original Railroad Protective Liability policy, Certificates of Insurance and all notices and correspondence regarding the insurance policies to:

Mr. Randy Koonce, Arcadis at [Randy.Koonce@arcadis-us.com](mailto:Randy.Koonce@arcadis-us.com).

2. Neither Agency nor its Designee may begin work on or about CSXT property until written approval of the required insurance has been received from CSXT or CSXT's Insurance Compliance vendor, Ebix.

**SCHEDULE I**

**CONTRACTOR'S ACCEPTANCE**

To and for the benefit of CSX Transportation, Inc. ("CSXT") and to induce CSXT to permit Contractor on or about CSXT's property for the purposes of performing work in accordance with the Agreement dated \_\_\_\_\_, 20 \_\_\_\_, between the **Richland County**, State of **South Carolina** and CSXT, Contractor hereby agrees to abide by and perform all applicable terms of the Agreement, including, but not limited to Exhibits C and F to the Agreement, and Sections 3, 9 and 11 of the Agreement.

Contractor: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**CSXT Schedule PA**

(Advance Payment – Construction Agreement)

**PAYMENT SUBMISSION FORM**

**PROJECT INFORMATION**

**CSX OP No.: TBD**

**Description: Columbia, Richland Co., SC, Three Rivers Greenway Sidewalk within CSXT, near DOT# 640441N, RRMP C-1.58, Florence Division, CN&L Subdivision**

**Scott Willis Project**

\*\*\*\*\*  
Payment is hereby provided in accordance with the terms of Section 4.3 Payment Terms of the Agreement dated \_\_\_\_\_, 20\_\_, between Agency and CSXT.

\*\*\*\*\*  
A copy of this Payment Submission Form shall accompany all payments delivered by Agency to CSXT which shall be forwarded to the following address:

**CSX Transportation, Inc.  
P.O. Box 530192  
Atlanta, GA 30353-0192**

\*\*\*\*\*

**Payment due within ten (10) days of Agency’s receipt of fully executed agreement**

\*\*\*\*\*

**(All information below to be completed by Agency providing Payment)**

Payment Date

Payment Amount

Check No.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*\*\*\*\*

Date: \_\_\_\_\_

By: \_\_\_\_\_

**Please send e-copy of check to:**

[Arienne Pelegrin@csx.com](mailto:Arienne.Pelegrin@csx.com)

[Matt.Meyer@arcadis.com](mailto:Matt.Meyer@arcadis.com)

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_





## TRANSPORTATION PROGRAM

June 11, 2018

Dr. John Thompson  
Director of Transportation  
Richland County Government  
P.O. Box 192  
Columbia, South Carolina 29202

Re: Sidewalk Package S-6  
OET-589-IFB-2018

Dear Dr. Thompson:

A bid opening was held at 2:00 PM on Wednesday, May 30, 2018 at the Richland County Office of Procurement at 2020 Hampton Street for the Sidewalk Package S-6 Project. The Richland Program Development Team has reviewed the two (2) submitted bids for Sidewalk Package S-6 and found a mathematical error in the manual paper bid submitted by Armstrong Contractors as outlined in the tabulation below and highlighted in the attached Bid Comparison to the Engineering estimate. The bids received were as follows.

SIDEWALK PACKAGE S-6 - BID RESULTS SUMMARY		
BIDDER	SUBMITTED BID	* CORRECTED BID
Armstrong Contractors	\$ 589,675.50	\$ 589,676.70
AOS Specialty Contractors, Inc.	\$ 998,413.76	NA
* Corrected bid as a result of a mathematical error identified during the review of submitted paper bid		

Further review shows that Armstrong Construction is duly licensed in South Carolina to perform this work. A copy of their license is attached.

A Mandatory Pre-Bid Conference was held at 10:00 AM on April 18, 2018 during which attendees gained information and bidding directives for the project. The Sign-In Sheet for the mandatory Pre-Bid Meeting is attached indicating interested firms that were in attendance.

Attached is a final bid tab sheet for your reference which indicates the low bid to be 38.57% below the Engineer's Estimate of \$959,924.31 for the project. A review of the low bid also shows a commitment of 100.0% utilization of Small Local Business Enterprise (SLBE) companies which exceeds the 8.00% goal for this project.

Richland PDT recommends that a contract be awarded to the lowest responsive and responsible bidder, Armstrong Contractors. It is further recommended that the approval of the award also include a 10% contingency of \$58,967.67. We will schedule the pre-construction conference once we have been notified by you that Council has approved the contract.

Sincerely,

RICHLAND PDT, A JOINT VENTURE



Dale Collier  
Procurement Manager  
Richland PDT, A Joint Venture

Cc: Nicole Smith, Richland PDT  
Jennifer Wladischkin, Richland County

**ATTACHMENTS:**

Certified Bid Tab

Bid Form – Armstrong Contractors

Bid Comparison to Engineering Estimate

Mandatory Pre-Bid Sign In Sheets

Armstrong Contractors License Confirmation

Armstrong Contractors SLBE Participation Sheet



Richland Co. Transportation  
Improvement Program

Bid Form

May 30, 2018



2015 OET SIDEWALK PACKAGE S6

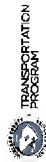
ITEM #	DESCRIPTION	UNITS	LENGTH (MI)			TOTAL PROJECT QUANTITY	UNIT PRICE	TOTAL PRICE
			0.318	0.430	0.757			
1031000	MOBILIZATION	LS	NEC	NEC	1.000	15,000.00	15,000.00	
1032010	BONDS AND INSURANCE	LS	NEC	NEC	1.000	3,500.00	3,500.00	
1050000	CONS. STAKES, LINES AND GRADES	EA	1.000	1.000	1.000	5,000.00	5,000.00	
1071000	TRAFFIC CONTROL	LS	NEC	NEC	1.000	10,000.00	10,000.00	
1080000	CPM PROGRESS SCHEDULE	LS	NEC	NEC	1.000	2,500.00	2,500.00	
1090200	AS-BUILT CONSTRUCTION PLANS	LS	NEC	NEC	1.000	2,500.00	2,500.00	
2014000	SELECT CLEARING AND GRUBBING	LS	NEC	NEC	1.000	7,500.00	7,500.00	
2022000	REMOVAL & DISPOSAL ITEM NO. 1	LS	1.000		1.000	1250.00	1250.00	
2022000	REMOVAL & DISPOSAL ITEM NO. 2	LS	1.000		1.000	1250.00	1250.00	
2022000	REMOVAL & DISPOSAL ITEM NO. 3	LS	1.000		1.000	1250.00	1250.00	
2022000	REMOVAL & DISPOSAL ITEM NO. 4	LS	1.000		1.000	1250.00	1250.00	
2025000	REMOVAL AND DISPOSAL OF EXISTING ASPHALT PAVING	SY	1147.000		1147.000	10.00	11,470.00	
2031200	SITE EXCAVATION	LS	NEC	NEC	1.000	15,000.00	15,000.00	
2032000	DEEPEN EXCAVATION	CY	100.000	130.000	230.000	70.00	7,200.00	
2100000	FLOWABLE FILL	CY	11.000	10.000	21.000	125.00	2,625.00	
3069900	MAINTENANCE STONE	TON	30.000	50.000	80.000	50.00	4,000.00	
6020005	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	SF	188.000		188.000	20.00	3,360.00	
6271010	4" WHITE SOLID LINES - THERMOPLASTIC 125 MIL	LF	20.000		20.000	3.00	60.00	
6271015	8" WHITE SOLID LINES - THERMOPLASTIC 125 MIL	LF	181.000	320.000	481.000	5.00	2,405.00	
6271025	24" WHITE SOLID LINES - THERMOPLASTIC 125 MIL	LF	27.000	55.000	82.000	20.00	1,640.00	
7143615	15" SMOOTH WALL PIPE	LF	160.000	384.000	544.000	45.00	24,480.00	
7143618	18" SMOOTH WALL PIPE	LF	200.000	488.000	688.000	50.00	34,400.00	
7143624	24" SMOOTH WALL PIPE	LF	68.000		68.000	60.00	4,080.00	
7141146	28" X 45" HORIZONTAL ELLIPTICAL (HE) RC PIPE CUL. - CLASS HE III	LF	40.000		40.000	200.00	8,000.00	
7149998	CLEAN EXISTING PIPE	LF	400.000	100.000	500.000	12.00	6,000.00	
7191605	CATCH BASIN - TYPE 1B	EA	5.000	9.000	14.000	4000.00	56,000.00	
7192010	DROP INLET (24" X 24")	EA	2.000	3.000	5.000	4000.00	20,000.00	
7192090	TRENCH DRAIN - 4" ID	LF		3.000	3.000	750.00	2,250.00	
7198496	CONVERT JB TO MH	EA		1.000	1.000	3000.00	3,000.00	
7198310	CONVERT INLET TO JB	EA		2.000	2.000	3000.00	6,000.00	
7198030	JUNCTION BOX - CONVERT CB T-1	EA	1.000		1.000	4000.00	4,000.00	
7198052	JUNCTION BOX - CONVERT CB T-16	EA	2.000		2.000	4000.00	8,000.00	
7198094	JUNCTION BOX - CONVERT CB T-18	EA	1.000		1.000	5000.00	5,000.00	
7203230	CONCRETE C & G (2'-0") OGEE	LF	1571.000	2378.000	3947.000	17.00	67,099.00	
7204500	CONCRETE SIDEWALK (5" UNIFORM)	SY	1103.000	1200.000	2303.000	75.00	172,725.00	



2018 OET SIDEWALK PACKAGE S6

ITEM #	DESCRIPTION	UNITS	LENGTH (MI.)		TOTAL PROJECT QUANTITY	UNIT PRICE	TOTAL PRICE
			0-118	0-130			
7204900	DETECTABLE WARNING SURFACE	SF	60.000	150.000	210.000	25.00	5250.00
7208000	PEDESTRIAN RAMP CONSTRUCTION	SF	138.000	247.000	385.000	95.00	36575.00
8068300	TEMPORARY PLASTIC FENCING	LF		120.000	120.000	15.00	1800.00
8100101	PERMANENT GRASSING FOR SMALL PROJECTS	ACRE	0.120	0.261	0.381	6000.00	2406.00
8102100	SEEDING (UNMULCHED)	MSY		1.261	1.261	3500.00	4763.50
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	LF	170.000		170.000	15.00	2550.00
8153000	SILT FENCE	LF	870.000	1062.000	1932.000	6.00	11592.00
8156212	INLET STRUCTURE FILTER - TYPE E (CATCH BASIN TYPE 14)	EA		9.000	9.000	300.00	2700.00
	TOTAL						

\$ 589,675.50



**SIDEWALK PACKAGE S-6 OET-589-IFB-2018**

ITEM #	DESCRIPTION	UNITS	TOTAL PROJECT QUANTITY	Engineer's Estimate		Armstrong Contractors, LLC		AOS Specialty Contractors, Inc.	
				LENGTH (MIL)	0.757	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1031000	MOBILIZATION	LS	1,000			\$ 15,000.00	\$ 15,000.00	\$ 53,800.00	\$ 53,800.00
1032010	BONDS AND INSURANCE	LS	1,000			\$ 3,500.00	\$ 3,500.00	\$ 18,600.00	\$ 18,600.00
1050800	CONS. STAKES, LINES AND GRADES	EA	1,000			\$ 5,000.00	\$ 5,000.00	\$ 46,500.00	\$ 46,500.00
1071000	TRAFFIC CONTROL	LS	1,000			\$ 10,000.00	\$ 10,000.00	\$ 76,980.00	\$ 76,980.00
1080300	CPM PROGRESS SCHEDULE	LS	1,000			\$ 2,500.00	\$ 2,500.00	\$ 8,366.00	\$ 8,366.00
1090200	AS-BUILT CONSTRUCTION PLANS	LS	1,000			\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
2014000	SELECT CLEARING AND GRUBBING	LS	1,000			\$ 7,500.00	\$ 7,500.00	\$ 26,800.00	\$ 26,800.00
2022000	REMOVAL & DISPOSAL ITEM NO. 1	LS	1,000			\$ 1,250.00	\$ 1,250.00	\$ 2,500.00	\$ 2,500.00
2022000	REMOVAL & DISPOSAL ITEM NO. 2	LS	1,000			\$ 1,250.00	\$ 1,250.00	\$ 2,500.00	\$ 2,500.00
2022000	REMOVAL & DISPOSAL ITEM NO. 3	LS	1,000			\$ 1,250.00	\$ 1,250.00	\$ 2,500.00	\$ 2,500.00
2022000	REMOVAL & DISPOSAL ITEM NO. 4	LS	1,000			\$ 1,250.00	\$ 1,250.00	\$ 2,500.00	\$ 2,500.00
2025000	REMOVAL AND DISPOSAL OF EXISTING ASPHALT PAVING	SY	1147.000			\$ 10.00	\$ 11,470.00	\$ 15.00	\$ 17,205.00
2031200	SITE EXCAVATION	LS	1,000			\$ 15,000.00	\$ 15,000.00	\$ 38,600.00	\$ 38,600.00
2033000	BORROW EXCAVATION	CY	230,000			\$ 40.00	\$ 9,200.00	\$ 60.00	\$ 13,800.00
2103000	FLOWABLE FILL	CY	21,000			\$ 125.00	\$ 2,625.00	\$ 150.00	\$ 3,150.00
3069900	MAINTENANCE STONE	TON	80,000			\$ 50.00	\$ 4,000.00	\$ 30.00	\$ 2,400.00
6020005	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	SF	168,000			\$ 20.00	\$ 3,360.00	\$ 18.00	\$ 3,024.00
6271010	4" WHITE SOLID LINES - THERMOPLASTIC 125 MIL.	LF	20,000			\$ 3.00	\$ 60.00	\$ 50.00	\$ 1,000.00
6271015	8" WHITE SOLID LINES - THERMOPLASTIC 125 MIL.	LF	481,000			\$ 5.00	\$ 2,405.00	\$ 10.00	\$ 4,810.00
6271025	24" WHITE SOLID LINES - THERMOPLASTIC 125 MIL.	LF	83,000			\$ 20.00	\$ 1,660.00	\$ 20.00	\$ 1,660.00
7143615	15" SMOOTH WALL PIPE	LF	544,000			\$ 45.00	\$ 24,480.00	\$ 55.00	\$ 29,920.00
7143618	18" SMOOTH WALL PIPE	LF	688,000			\$ 50.00	\$ 34,400.00	\$ 65.00	\$ 44,720.00
7143624	24" SMOOTH WALL PIPE	LF	68,000			\$ 60.00	\$ 4,080.00	\$ 66.00	\$ 4,488.00
7141146	29" X 45" HORIZONTAL ELLIPTICAL (HE) RC PIPE CUL. - CLASS HE-III	LF	40,000			\$ 200.00	\$ 8,000.00	\$ 66.00	\$ 2,640.00
7149999	CLEAN EXISTING PIPE	LF	500,000			\$ 12.00	\$ 6,000.00	\$ 7.00	\$ 3,500.00
7191605	CATCH BASIN - TYPE 16	EA	14,000			\$ 4,000.00	\$ 56,000.00	\$ 8,260.00	\$ 115,640.00
7192010	DROP INLET (24" X 24")	EA	5,000			\$ 4,000.00	\$ 20,000.00	\$ 4,200.00	\$ 21,000.00
7192090	TRENCH DRAIN - 4" ID	LF	3,000			\$ 750.00	\$ 2,250.00	\$ 333.00	\$ 999.00
7198496	CONVERT -JB TO MH	EA	1,000			\$ 3,000.00	\$ 3,000.00	\$ 4,620.00	\$ 4,620.00



**SIDEWALK PACKAGE S-6 OET-589-IFB-2018**

ITEM #	DESCRIPTION	LENGTH (ML)		Engineer's Estimate		Armstrong Contractors, LLC		AOS Specialty Contractors, Inc.	
		UNITS	TOTAL PROJECT QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
7198310	CONVERT INLET TO JB	EA	2,000			\$ 3,000.00	\$ 6,000.00	\$ 4,620.00	\$ 9,240.00
7198330	JUNCTION BOX - CONVERT CB T-1	EA	1,000			\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00
7198392	JUNCTION BOX - CONVERT CB T-16	EA	2,000			\$ 4,000.00	\$ 8,000.00	\$ 6,750.00	\$ 13,500.00
7198394	JUNCTION BOX - CONVERT CB T-18	EA	1,000			\$ 5,000.00	\$ 5,000.00	\$ 9,310.00	\$ 9,310.00
7203230	CONCRETE C & G (2'-0") OGEE	LF	3947.000			\$ 17.00	\$ 67,099.00	\$ 41.00	\$ 161,827.00
7204600	CONCRETE SIDEWALK (6" UNIFORM)	SY	2303.000			\$ 75.00	\$ 172,725.00	\$ 89.00	\$ 204,967.00
7204900	DETECTABLE WARNING SURFACE	SF	219.000			\$ 25.00	\$ 5,475.00	\$ 42.00	\$ 9,198.00
7209000	PEDESTRIAN RAMP CONSTRUCTION	SF	385.000			\$ 95.00	\$ 36,575.00	\$ 28.00	\$ 10,780.00
8068300	TEMPORARY PLASTIC FENCING	LF	120.000			\$ 15.00	\$ 1,800.00	\$ 5.00	\$ 600.00
8100101	PERMANENT GRASSING FOR SMALL PROJECTS	ACRE	0.401			\$ 5,000.00	\$ 2,407.20	\$ 800.00	\$ 320.96
8102100	SEEDING (UNMULCHED)	MSY	1.361			\$ 3,500.00	\$ 4,763.50	\$ 800.00	\$ 1,088.80
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	LF	170.000			\$ 15.00	\$ 2,550.00	\$ 10.00	\$ 1,700.00
8153000	SILT FENCE	LF	1932.000			\$ 6.00	\$ 11,592.00	\$ 5.00	\$ 9,660.00
8156212	INLET STRUCTURE FILTER - TYPE E (CATCH BASIN TYPE 16)	EA	9,000			\$ 300.00	\$ 2,700.00	\$ 500.00	\$ 4,500.00
	<b>Total</b>						\$ 999,924.31		\$ 999,413.76



TRANSPORTATION PROGRAM

SIGN IN SHEET

Project: Bid Opening for Sidewalk Package S-6  
 Date: April 18, 2018  
 Meeting Time: 10:00 AM

NAME/Business	EMAIL	PHONE
Dale Collier / PDT	dcollier@richlandpenny.com	803-917-6258
Perry Mayhew / PDT	Perryhew@richlandpenny.com	803-726-3576
Wade Smith / PDT	wsmith@richlandpenny.com	803-726-6153
Jane Plente	mike@bussc.org jane@bussc.org	803-798-6831
Scott Jordan	Scott@armstrongsubcontractors.com	513-9254
Frank Mitchell / Precision Nelson	Orion.mitchell@col.com	(803) 252-1634
Gray Richardson / Lead Corporation	gray@leadcorporation.com	803-572-6026
Red Son / Lead Construction	lson@leadconstruction.com	803-568-2192
Larry B. Caraway / Caraway Construction	larrycaraway@yahoo.com	803-491-7910 Cell
Ben King / Packer PDT	blking@richlandpenny.com	803-351-5207

Jennifer Wadischen RC Proc. Wlad@richlandcountysc.gov 576-  
 Al 716  
 Tony Edwards RC Trans. EdwardsT@richlandcountysc.gov 726-6720  
 1



[Print this page](#)

**Board: Commercial Contractors**

**ARMSTRONG CONTRACTORS LLC**  
600 LONGTOWN RD  
COLUMBIA, SC 29229-0018  
(803) 788-1190

License number: 107878  
License type: GENERAL CONTRACTOR  
Status: ACTIVE  
Expiration: 10/31/2018  
First Issuance Date: 01/28/2003  
Classification: AP5 WL5  
President / Owner: MICHAEL ARMSTRONG

[Click here for Classification definitions and licensee's contract dollar limit](#)

**Supervised By**  
**ARMSTRONG MICHAEL (COG)**

[File a Complaint against this licensee](#)

**Board Public Action History:**

[View Orders](#)

[View Other License for this Person](#)

**No Orders Found**

**CURRENT CLASSIFICATION ABBREVIATIONS and PROJECT/DOLLAR LIMITATIONS**

The two-letters on a license indicates the designated classification(s) of work (i.e. BD3); the number behind the letters indicates their designated dollar limit per contract (i.e. BD3); see classifications & project/dollar limits below:

GENERAL CONTRACTOR classifications	MECHANICAL CONTRACTOR classifications
Asphalt Paving.....AP	Air Conditioning.....AC
Boiler Installation.....BL	Electrical.....EL
Boring & Tunneling (no technical exam).....BT	Heating.....HT
Bridges.....BR	Lightning Protection.....LP
Building (BD, LB, UB) *.....BD	Packaged Equipment.....PK
Concrete.....CT	Plumbing.....PB
Concrete Paving.....CP	Pressure and Process Piping ****.....1P/2P
General Roofing.....GR	Refrigeration.....RG
Glass & Glazing.....GG	
Grading.....GD	
Highway **.....HY	
Highway Incidental (no technical exam).....HI	
Interior Renovation (no technical exam).....IR	
Marine.....MR	
Masonry (no technical exam).....MS	
Pipelines.....PL	
Pre-Engineered Metal Buildings.....MB	
Public Electrical Utility ***.....1U/2U	
Railroad (no technical exam).....RR	
Specialty Roofing.....SR	
Structural Framing.....SF	
Structural Shapes (no technical exam).....SS	
Swimming Pools.....SP	
Water & Sewer Lines.....WL	
Water & Sewer Plants.....WP	
Wood Frame Structures.....WF	

- \* Building (BD): includes GR, IR, MB, MS, SS, WF.  
 "LB" - qualifier took Limited Building exam - can only apply as Group #1, #2, or #3; cannot work over 3 stories.  
 "UB" - qualifier took Unlimited Building exam.
- \*\* Highway (HY): includes AP, CP, BR, GD, HI.
- \*\*\* Public Electrical Utility (1U/2U): "1U" given to those licensed prior to 4/1/99 and can engage in stadium lighting work. "2U" given to those licensed after 4/1/99 and cannot engage in stadium lighting work.
- \*\*\*\* Pressure and Process Piping (1P/2P): "1P" given to those licensed prior to 4/1/99 and can engage in boiler work; "2P" given to those licensed after 4/1/99 and cannot engage in boiler work.

**\*\*\* NEW DOLLAR LIMITATIONS AND NEW NET WORTH REQUIREMENTS \*\*\***

GENERAL CONTRACTORS			MECHANICAL CONTRACTORS		
Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY	Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY
Group #1	\$50,000	\$10,000	Group #1	\$17,500	\$3,500
Group #2	\$200,000	\$40,000	Group #2	\$50,000	\$10,000
Group #3	\$500,000	\$100,000	Group #3	\$100,000	\$20,000
Group #4	\$1,500,000	\$175,000	Group #4	\$200,000	\$40,000
Group #5	Unlimited	\$250,000	Group #5	Unlimited	\$200,000

Revised 07/2016



RICHLAND COUNTY OFFICE OF SMALL BUSINESS OPPORTUNITY

Form #: OSBORS  
Rev. Date: 10/6/201

Date Submitted:	5/31/18				
Project Number:					
Contractor Name:	Armstrong Contractors				
Address 1:	P.O. Box 24053				
Address 2:		City:	State:	Zip Code:	
Office Number:	788-1190	Col	SC	29229	
Contact Person:	Mike Armstrong				
Email Address:					
SLBE Goal Percentage:	Self 100%	Percentage Committed to Subcontractor:	100%	Percentage not attained by Prime Contractor:	100%

I certify that the information submitted on this form for the good faith efforts documentation is true and correct to the best of my knowledge.

Bidder/Authorized Representative: Mike Armstrong  
(Print Name)

Signature: [Handwritten Signature]

Title: President Date: 5/30/18



## TRANSPORTATION PROGRAM

June 11, 2018

Dr. John Thompson  
Director of Transportation  
Richland County Government  
P.O. Box 192  
Columbia, South Carolina 29202

Re: Dirt Road Package G  
PDT-588-IFB-2018

Dear Dr. Thompson:

A bid opening was held at 2:00 PM on Wednesday, June 6, 2018 at the Richland County Office of Procurement at 2020 Hampton Street for the Dirt Road Package G Project. The Richland Program Development Team has reviewed the four (4) submitted bids for Dirt Road Package G and found a mathematical error in the manual paper bid submitted by Armstrong Contractors as outlined in the tabulation below and highlighted in the attached Bid Comparison to the Engineering estimate. The bids received were as follows.

DIRT ROAD PACKAGE G - BID RESULTS SUMMARY		
BIDDER	SUBMITTED BID	* CORRECTED BID
McClam & Associates	\$ 664,870.55	NA
Lindler's Construction	\$ 857,880.55	NA
Cherokee, Incorporated	\$ 889,787.50	NA
Armstrong Contractors	\$913,720.25	\$ 914,205.25
* Corrected bid as a result of a mathematical error identified during the review of submitted paper bid		

Further review shows that McClam & Associates is duly licensed in South Carolina to perform this work. A copy of their license is attached.

A Pre-Bid Conference was held at 10:00 AM on April 25, 2018 during which attendees gained information and bidding directives for the project. The Sign-In Sheet for the Pre-Bid Meeting is attached indicating interested firms that were in attendance.

Attached is a final bid tab sheet for your reference which indicates the low bid to be 7.08% below the Engineer's Estimate of \$715,506.11 for the project. A review of the low bid also shows a commitment of 5.33% utilization of Small Local Business Enterprise (SLBE) companies which exceeds the 4.98% goal for this project.

Richland PDT recommends that a contract be awarded to the lowest responsive and responsible bidder, McClam & Associates. It is further recommended that the approval of the award also include a 10% contingency of \$66,487.06. We will schedule the pre-construction conference once we have been notified by you that Council has approved the contract.

Sincerely,

**RICHLAND PDT, A JOINT VENTURE**



Dale Collier  
Procurement Manager  
Richland PDT, A Joint Venture

Cc: Nicole Smith, Richland PDT  
Jennifer Wladischkin, Richland County

**ATTACHMENTS:**

**Certified Bid Tab**

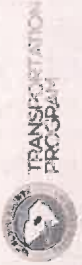
**Bid Form – McClam & Associates**

**Bid Comparison to Engineering Estimate**

**Pre-Bid Sign In Sheets**

**McClam & Associates / Taylor Brothers License Confirmation**

**McClam & Associates SLBE Participation Sheet**



Dirt Road Package G

BID TABULATION SHEET

PROJECT NUMBER: PDT-588-IFB-2018

June 6, 2018 -- 2:00 PM

Bidder	Total Bid
Brinsstrong Contractors	\$913,720.25
Lyndler's Construction	\$857,800.55
McClam & Associates, Inc.	\$604,870.55
Cherokee, Inc.	\$889,781.50

CERTIFIED BY: *Joe Collins*



2017 DIRT ROADS PACKAGE G

LENGTH (M.) 8.534

ITEM #	DESCRIPTION	UNITS	TOTAL PROJECT QUANTITY	UNIT PRICE	TOTAL PRICE
1031000	MOBILIZATION	LS	1.000	74,250.00	74,250.00
1050800	CONSTRUCTION STAKES, LINES & GRADES	EA	1.000	19,030.00	19,030.00
1071000	TRAFFIC CONTROL	LS	1.000	37,400.00	37,400.00
2012000	CLEARING & GRUBBING WITHIN ROADWAY	LS	1.000	27,720.00	27,720.00
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT	SY	83.600	30.80	2574.88
2024100	REMOVAL & DISPOSAL OF EXISTING CURB	LF	58.000	44.00	2552.00
2025080	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	SY	100.000	44.00	4,400.00
2027000	REMOVAL & DISPOSAL OF EXISTING CONCRETE	CY	2.541	77.00	195.66
2028600	REMOVAL & DISPOSAL OF EXISTING DRAINAGE PIPE	LF	163.000	44.00	7172.00
2031000	UNCLASSIFIED EXCAVATION	CY	2704.000	15.00	41,760.00
2033000	BORROW EXCAVATION	CY	328.000	<del>18.20</del> 18.20	5969.60
2081001	FINE GRADING	SY	8641.000	3.30	28,515.30
3050104	GRADED AGGREGATE BASE COURSE (4" UNIFORM)	SY	1247.000	7.00	8,729.00
3050106	GRADED AGGREGATE BASE COURSE (6" UNIFORM)	SY	3380.000	9.30	31,434.00
3050108	GRADED AGGREGATE BASE COURSE (8" UNIFORM)	SY	3944.000	11.50	45,356.00
3069900	MAINTENANCE STONE	TON	90.000	41.00	3,690.00
4011004	LIQUID ASPHALT BINDER PG64-22	TON	83.000	568.00	35,784.00
4020030	HOT MIX ASPHALT INTERMEDIATE COURSE - TYPE C	TON	142.000	168.00	23,856.00
4030340	HOT MIX ASPHALT SURFACE COURSE - TYPE C	TON	814.000	70.00	63,980.00
6020005	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	SF	188.000	17.50	2940.00
6271005	4" WHITE BROKEN LINES (GAP EXCL.) THERMO- 90 MIL	LF	80.000	7.20	576.00
6271015	8" WHITE SOLID LINES (GAP EXCL.) THERMO- 90 MIL	LF	104.000	8.09	841.36
6271025	24" WHITE SOLID LINES (STOP/DIAG) THERMO- 125 MIL	LF	53.000	24.20	1282.60
6271074	4" SOLID YELLOW LINES (PVT. EDGE) THERMO- 90 MIL	LF	300.000	4.00	1200.00
6301100	PERMANENT YELLOW PAVEMENT MARKERS BI-DIR. 4"X4"	EA	132.000	26.20	3458.40
6510105	FLAT SHEET SIGN, TYPE III, FIXED SZ. & MSG. SIGN	SF	26.000	23.75	617.50
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	LF	48.000	14.75	708.00
7011100	CONCRETE FOR STRUCTURES - CLASS 3000 (ROADWAY)	CY	0.809	330.00	167.97
7055020	ALUMINUM PIPE HANDRAILING	LF	10.000	132.00	1320.00
7143615	15" SMOOTH WALL PIPE	LF	96.000	47.00	4512.00
7143618	18" SMOOTH WALL PIPE	LF	416.000	50.00	20,800.00
7191205	CATCH BASIN - TYPE 9	EA	1.000	2750.00	2750.00
7191250	CATCH BASIN - TYPE 9 MH	EA	2.000	2750.00	5,500.00
7192041	DROP INLET TYPE 112 WITH 4 X 4 BOX	EA	1.000	2860.00	2860.00

Richland Co. Transportation  
Improvement Program

Bid Form

May 23, 2018

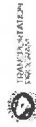


2017 DIRT ROADS PACKAGE G

LENGTH (MI.) 0.534

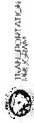
ITEM #	DESCRIPTION	UNITS	TOTAL PROJECT QUANTITY	UNIT PRICE	TOTAL PRICE
71B2107	MANHOLE WITH STANDARD 4 X 4 BOX	EA	1.000	2750.00	2750.00
72D1100	CONCRETE CURB (TRANSITION)	LF	6.000	60.50	363.00
7203110	CONCRETE CURB & GUTTER (1'-6") VERTICAL FACE	LF	103.000	38.50	3965.50
7204100	CONCRETE SIDEWALK (4" UNIFORM)	SY	3.600	60.50	217.80
7204900	DETECTABLE WARNING SURFACE	SF	25.000	55.00	1375.00
7208000	PEDESTRIAN RAMP CONSTRUCTION	SY	50.000	93.50	4675.00
8041020	RIP-RAP (CLASS B)	TON	24.500	58.00	1421.00
8048210	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 2) TYPE C	SY	31.500	16.50	519.75
8071000	RESET FENCE	LF	32.000	22.00	704.00
8072000	RESET CHAIN-LINK FENCE	LF	320.000	22.00	7040.00
8091010	RIGHT OF WAY MARKER (REBAR & CAP)	EA	14.000	105.00	1470.00
8100001	PERMANENT VEGETATION	MSY	6.915	363.00	2510.15
8151101	TURF REINFORCEMENT MATTING (TRM) TYPE 1	MSY	1.007	5720.00	5760.04
8151111	TEMPORARY EROSION CONTROL BLANKET (CLASS A)	MSY	0.110	2750.00	302.50
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	LF	36.000	13.20	475.20
8152007	SEDIMENT TUBES FOR DITCH CHECKS	LF	554.000	9.90	5484.60
8153000	SILT FENCE	LF	1586.000	2.36	3724.75
8158219	INLET STRUCTURE FILTER - TYPE A	LF	20.000	6.75	135.00
8156490	STABILIZED CONSTRUCTION ENTRANCE	SY	825.000	23.00	18,975.00
8999004	INSTALL WATER SERVICE LINES	LF	9000.000	9.90	89,100.00
TOTAL					8664,670.55





DIRT ROAD PACKAGE G PDT-588-IFB-2018

ITEM #	DESCRIPTION	LENGTH (M)	0.54	Engineer's Estimate		McClain & Associates		Lindler's		Charlotte Inc.		Armstrong	
				TOTAL PROJECT QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1031000	MOBILIZATION		1,000	LS									
105000	CONSTRUCTION STAKES, LINES & GRADES		1,000	EA									
1071000	TRAFFIC CONTROL		1,000	LS									
2012000	CLEARING & GRUBBING WITHIN ROADWAY		1,000	LS									
202000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT		83,600	SY									
2021000	REMOVAL & DISPOSAL OF EXISTING CURB		86,000	LF									
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT		100,000	SY									
2027000	REMOVAL & DISPOSAL OF EXISTING CONCRETE		2,541	CY									
2028000	REMOVAL & DISPOSAL OF EXISTING DRAINAGE PIPE		163,000	LF									
2031000	UNCLASSIFIED EXCAVATION		2784,000	CY									
2033000	BORROW EXCAVATION		328,000	CY									
2081001	FINE GRADING		8641,000	SY									
3050104	GRADED AGGREGATE BASE COURSE (4" UNIFORM)		1247,000	SY									
3050108	GRADED AGGREGATE BASE COURSE (6" UNIFORM)		3380,000	SY									
3050108	GRADED AGGREGATE BASE COURSE (8" UNIFORM)		3944,000	SY									
3069900	MAINTENANCE STONE		80,000	TON									
4011004	LIQUID ASPHALT BINDER PG64-22		63,000	TON									
4020300	HOT MIX ASPHALT INTERMEDIATE COURSE - TYPE C		142,000	TON									
4030340	HOT MIX ASPHALT SURFACE COURSE - TYPE C		914,000	TON									
6020005	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)		166,000	SF									
6271005	4" WHITE BROKEN LINES (GAP EXCL.) THERMO-80 MIL		80,000	LF									
6271016	8" WHITE SOLID LINES (GAP EXCL.) THERMO-80 MIL		104,000	LF									
6271025	24" WHITE SOLID LINES (STOP/DIAG) THERMO- 125 MIL		63,000	LF									
6271074	4" SOLID YELLOW LINES (P.V.T. EDGE) THERMO- 90 MIL		300,000	LF									
6301100	PERMANENT YELLOW PAVEMENT MARKERS BLDGR- 4"x4"		132,000	EA									
6510105	FLAT SHEET SIGN, TYPE III, FIXED SZ. & MSG. SIGN		26,000	SF									
6831210	U-SECTION POST FOR SIGN SUPPORTS - 3P		48,000	LF									
7011100	CONCRETE FOR STRUCTURES - CLASS 3000 (ROADWAY)		0.509	CY									
7055020	ALUMINUM PIPE HANDRAILING		10,000	LF									
7143615	15" SMOOTH WALL PIPE		96,000	LF									
7143616	18" SMOOTH WALL PIPE		415,000	LF									
7191205	CATCH BASIN - TYPE 9		1,000	EA									
7191250	CATCH BASIN - TYPE 9 MH		2,000	EA									
7192041	DROP INLET TYPE 112 WITH 4 X 4 BOX		1,000	EA									
7192107	MANHOLE WITH STANDARD 4 X 4 BOX		1,000	EA									
7201100	CONCRETE CURB (TRANSITION)		6,000	LF									
7203110	CONCRETE CURB & GUTTER (1'-6") VERTICAL FACE		103,000	LF									
7204100	CONCRETE SIDEWALK (4" UNIFORM)		3,600	SY									
7204900	DETECTABLE WARNING SURFACE		25,000	SF									



**DIRT ROAD PACKAGE G PDT-588-IFB-2018**

ITEM #	DESCRIPTION	UNITS	TOTAL PROJECT QUANTITY	Engineer's Estimate		McClam & Associates		Lindler's		Cherokee Inc.		Armstrong	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
7209000	PEDESTRIAN RAMP CONSTRUCTION	SY	50,000										
8041020	RIE-RAP (CLASS B)	TON	24,500										
8048210	GEOTEXTILE FOR EROSION CONTROL UNDER RIE-RAP (CLASS 2) TYPE C	SY	31,500										
8071000	RESET FENCE	LF	32,000										
8072000	RESET CHAIN-LINK FENCE	LF	320,000										
8091010	RIGHT OF WAY MARKER (REBAR & CAP)	EA	14,000										
8100001	PERMANENT VEGETATION	MSY	6,915										
8151101	TURF REINFORCEMENT MATTING (TRM) TYPE 1	MSY	1,007										
8161111	TEMPORARY EROSION CONTROL BLANKET (CLASS A)	MSY	0,110										
8162004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	LF	38,000										
8152007	SEDIMENT TUBES FOR DITCH CHECKS	LF	554,000										
8163000	SILT FENCE	LF	1585,000										
8156219	INLET STRUCTURE FILTER - TYPE A	LF	20,000										
8156490	STABILIZED CONSTRUCTION ENTRANCE	SY	825,000										
8899004	INSTALL WATER SERVICE LINES	LF	9000,000										
<b>Total</b>					\$715,506.11		\$664,870.55		\$87,890.55		\$889,761.50		\$814,205.25



TRANSPORTATION PROGRAM

SIGN IN SHEET

Project: Bid Opening for Dirt Road Package G  
 Date: April 25, 2018  
 Meeting Time: 10:00 AM

NAME/Business	EMAIL	PHONE
Wendell Powell Palmetto Sitework Services	wpowell@pswillc.com	803-667-7247
Flynn Dickson Lane Construction	JFDickson@laneconstruct.com	803-760-6801
James Gregory Cherokee Inc	jgregory@cherokee-sc.com	803-776-4870
MARK SMITH LEE-LINEBERGER CONST. INC.	MSM@LEE-LINEBERGER.COM	(803) 240-9371
BEN LEWIS - PDT CINDLEES CONST. OF SC LLC	blouis@richlandpenny.com	726-3614
TRIPPA HUNTER Justin Trone McClan & Associates	CHARLIE@CINDLEES.COM jtrone@mcclan.net	803-513-7607 803-351-7967
KAREN JACKSON C.A. JACKSON INC	KJACKSON@C.A.JACKSON.COM Scott C	803-750-6090
Scott Jordan - Armstrong Contractors	scottjordan@richlandpenny.com	513-9254
GERARD WALKER - RICHLAND POT	gwalker@richlandpenny.com	726-6151



TRANSPORTATION PROGRAM

SECN IN SHEET

Project: Bid Opening for Dirt Road Package G  
 Date: April 25, 2018  
 Meeting Time: 10:00 AM

NAME/Business	EMAIL	PHONE
Wanda Davis	davisy@rcgov.us	803-576-2127
DAVID PHILLIPS RPT Graveling Inc.	SiteWorkBids@usps.com	803-894-7827
Dase Collier Richland PDT	dcollier@richlandpenny.com	803-917-6258
Jennifer Wladisckin	wladj@richlandcounty.sc.gov	576-2126
David Beatty PDT	dbeatty@richlandpenny.com	726-6159
Jamerie H. Ellis Richland County	eu@jamelle@richlandcounty.sc.gov	803-576-1369
Melissa Watts Richland Co	watts.melissa@richlandcounty.sc.gov	803-576-1543
Jamie Kendall - PDT	JKendall@richlandpenny.com	803 348 6817
Nicole Smith -PDT	nsmith@richlandpenny.com	803 726-6153
Rebecca Connolly -PDT	Rconnolly@richlandpenny.com	803-726-6165

[Print this page](#)

**Board: Commercial Contractors**

**McCLAM & ASSOCIATES INC**  
1642 HOLY TRINITY CHURCH ROAD  
LITTLE MOUNTAIN, SC 29075  
(803) 345-9194

License number: 10203  
License type: GENERAL CONTRACTOR  
Status: ACTIVE  
Expiration: 10/31/2018  
First Issuance Date: 01/01/1992  
Classification: GDS WLS WPS  
President / Owner: JESSE.R. MCCLAM III  
Vice President: ANSEL C MCCLAM

[Click here for Classification definitions and licensee's contract dollar limit](#)

**Supervised By**

[BYE CLIFFORD \(COG\)](#)  
[MCCLAM JESSE \(COG\)](#)  
[MCCLAM ANSEL \(COG\)](#)

[File a Complaint against this licensee](#)

**Board Public Action History:**

[View Orders](#)

[View Other License for this Person](#)

**No Orders Found**

## CURRENT CLASSIFICATION ABBREVIATIONS and PROJECT/DOLLAR LIMITATIONS

The two-letters on a license indicates the designated classification(s) of work (i.e. BD3); the number behind the letters indicates their designated dollar limit per contract (i.e. BD3); see classifications & project/dollar limits below:

GENERAL CONTRACTOR classifications	MECHANICAL CONTRACTOR classifications
Asphalt Paving ..... AP	Air Conditioning..... AC
Boiler Installation..... BL	Electrical..... EL
Boring & Tunneling (no technical exam) ..... BT	Heating..... HT
Bridges ..... BR	Lightning Protection ..... LP
Building (BD, LB, UB) *..... BD	Packaged Equipment..... PK
Concrete..... CT	Plumbing..... PB
Concrete Paving ..... CP	Pressure and Process Piping **** ..... 1P/2P
General Roofing..... GR	Refrigeration..... RG
Glass & Glazing ..... GG	
Grading ..... GD	
Highway **..... HY	
Highway Incidental (no technical exam)..... HI	
Interior Renovation (no technical exam)..... IR	
Marine..... MR	
Masonry (no technical exam)..... MS	
Pipelines..... PL	
Pre-Engineered Metal Buildings..... MB	
Public Electrical Utility ***..... 1U/2U	
Railroad (no technical exam)..... RR	
Specialty Roofing..... SR	
Structural Framing..... SF	
Structural Shapes (no technical exam)..... SS	
Swimming Pools..... SP	
Water & Sewer Lines..... WL	
Water & Sewer Plants..... WP	
Wood Frame Structures..... WF	

- \* Building (BD): includes GR, IR, MB, MS, SS, WF.  
 "LB" - qualifier took Limited Building exam - can only apply as Group #1, #2, or #3; cannot work over 3 stories.  
 "UB" - qualifier took Unlimited Building exam.
- \*\* Highway (HY): includes AP, CP, BR, GD, HI.
- \*\*\* Public Electrical Utility (1U/2U): "1U" given to those licensed prior to 4/1/99 and can engage in stadium lighting work. "2U" given to those licensed after 4/1/99 and cannot engage in stadium lighting work.
- \*\*\*\* Pressure and Process Piping (1P/2P): "1P" given to those licensed prior to 4/1/99 and can engage in boiler work; "2P" given to those licensed after 4/1/99 and cannot engage in boiler work.

### \*\*\* NEW DOLLAR LIMITATIONS AND NEW NET WORTH REQUIREMENTS\*\*\*

GENERAL CONTRACTORS			MECHANICAL CONTRACTORS		
Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY	Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY
Group #1	\$50,000	\$10,000	Group #1	\$17,500	\$3,500
Group #2	\$200,000	\$40,000	Group #2	\$50,000	\$10,000
Group #3	\$500,000	\$100,000	Group #3	\$100,000	\$20,000
Group #4	\$1,500,000	\$175,000	Group #4	\$200,000	\$40,000
Group #5	\$Unlimited	\$250,000	Group #5	\$Unlimited	\$200,000

Revised 07/2016

[Print this page](#)

**Board: Commercial Contractors**

**TAYLOR BROTHERS CONSTRUCTION CO INC**  
2201 ATLAS ROAD  
COLUMBIA, SC 29209-3621  
(803) 776-5113

License number: 15148  
License type: GENERAL CONTRACTOR  
Status: ACTIVE  
Expiration: 10/31/2018  
First Issuance Date: 02/08/1993  
Classification: AP5 CP5 GD5  
President / Owner: info@taylorbrotherssc.com

[Click here for Classification definitions and licensee's contract dollar limit](#)

**Supervised By**  
**TAYLOR COLLIER (CG6)**

[File a Complaint against this licensee](#)

**Board Public Action History:**

[View Orders](#)

[View Other License for this Person](#)

**No Orders Found**

**CURRENT CLASSIFICATION ABBREVIATIONS and PROJECT/DOLLAR LIMITATIONS**

The two-letters on a license indicates the designated classification(s) of work (i.e. BD3); the number behind the letters indicates their designated dollar limit per contract (i.e. BD3); see classifications & project/dollar limits below:

GENERAL CONTRACTOR classifications	MECHANICAL CONTRACTOR classifications
Asphalt Paving.....AP	Air Conditioning.....AC
Boiler Installation.....BL	Electrical.....EL
Boring & Tunneling (no technical exam).....BT	Heating.....HT
Bridges.....BR	Lightning Protection.....LP
Building (BD, LB, UB) *.....BD	Packaged Equipment.....PK
Concrete.....CT	Plumbing.....PB
Concrete Paving.....CP	Pressure and Process Piping ****.....1P/2P
General Roofing.....GR	Refrigeration.....RG
Glass & Glazing.....GG	
Grading.....GD	
Highway **.....HY	
Highway Incidental (no technical exam).....HI	
Interior Renovation (no technical exam).....IR	
Marine.....MR	
Masonry (no technical exam).....MS	
Pipelines.....PL	
Pre-Engineered Metal Buildings.....MB	
Public Electrical Utility ***.....1U/2U	
Railroad (no technical exam).....RR	
Specialty Roofing.....SR	
Structural Framing.....SF	
Structural Shapes (no technical exam).....SS	
Swimming Pools.....SP	
Water & Sewer Lines.....WL	
Water & Sewer Plants.....WP	
Wood Frame Structures.....WF	

- \* Building (BD): includes GR, IR, MB, MS, SS, WF.  
 "LB" - qualifier took Limited Building exam - can only apply as Group #1, #2, or #3; cannot work over 3 stories.  
 "UB" - qualifier took Unlimited Building exam.
- \*\* Highway (HY): includes AP, CP, BR, GD, HI.
- \*\*\* Public Electrical Utility (1U/2U): "1U" given to those licensed prior to 4/1/99 and can engage in stadium lighting work. "2U" given to those licensed after 4/1/99 and cannot engage in stadium lighting work.
- \*\*\*\* Pressure and Process Piping (1P/2P): "1P" given to those licensed prior to 4/1/99 and can engage in boiler work; "2P" given to those licensed after 4/1/99 and cannot engage in boiler work.

**\*\*\* NEW DOLLAR LIMITATIONS AND NEW NET WORTH REQUIREMENTS \*\*\***

GENERAL CONTRACTORS			MECHANICAL CONTRACTORS		
Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY	Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY
Group #1	\$50,000	\$10,000	Group #1	\$17,500	\$3,500
Group #2	\$200,000	\$40,000	Group #2	\$50,000	\$10,000
Group #3	\$500,000	\$100,000	Group #3	\$100,000	\$20,000
Group #4	\$1,500,000	\$175,000	Group #4	\$200,000	\$40,000
Group #5	\$Unlimited	\$250,000	Group #5	\$Unlimited	\$200,000

Revised 07/2016





RICHLAND COUNTY OFFICE OF SMALL BUSINESS OPPORTUNITY

OSBORN  
Rev. Date: 10/5/201

Date Submitted:	6/6/18				
Project Number:	DIRT ROAD PACKAGE G				
Contractor Name:	TAYLOR BROTHERS				
Address 1:	2201 ATLAS ROAD				
Address 2:		City:	State:	Zip Code:	
		COLUMBIA	SC	29290	
Office Number:	803776 5113	Mobile Number:			
Contact Person:	COLLEEN TAYLOR				
Email Address:					
SLBE Goal Percentage:	4.98	Percentage Committed to Subcontractor:	5.33	Percentage not attained by Prime Contractor:	X

I certify that the information submitted on this form for the good faith efforts documentation is true and correct to the best of my knowledge.

Director/Authorized Representative: JR McCallum  
(Print Name)

Signature: J.R. McCallum

Title: PRESIDENT Date: 6/6/18



## TRANSPORTATION PROGRAM

June 11, 2018

Dr. John Thompson  
Director of Transportation  
Richland County Government  
P.O. Box 192  
Columbia, South Carolina 29202

Re: Dirt Road Package  
H PDT-719-IFB-2018

Dear Dr. Thompson:

A bid opening was held at 2:30 PM on Wednesday, June 6, 2018 at the Richland County Office of Procurement at 2020 Hampton Street for the Dirt Road Package H Project. The Richland Program Development Team has reviewed the four (4) submitted bids for Dirt Road Package H and found mathematical errors in the manual paper bids submitted by Lindler's Construction and Cherokee, Inc. as outlined in the tabulation below and highlighted in the attached Bid Comparison to the Engineering estimate. The bids received were as follows.

<b>DIRT ROAD PACKAGE H - BID RESULTS SUMMARY</b>		
<b>BIDDER</b>	<b>SUBMITTED BID</b>	<b>* CORRECTED BID</b>
McClam & Associates	<b>\$ 1,518,811.07</b>	NA
Armstrong Contractors	<b>\$ 1,841,332.50</b>	NA
Lindler's Construction	\$ 1,879,393.85	<b>\$ 1,879,401.35</b>
Cherokee, Incorporated	\$ 2,005,799.50	<b>\$ 2,010,599.50</b>
* Corrected bid as a result of a mathematical error identified during the review of submitted paper bid		

Further review shows that McClam & Associates is duly licensed in South Carolina to perform this work. A copy of their license is attached.

A Pre-Bid Conference was held at 10:00 AM on April 25, 2018 during which attendees gained information and bidding directives for the project. The Sign-In Sheet for the Pre-Bid Meeting is attached indicating interested firms that were in attendance.

Attached is a final bid tab sheet for your reference which indicates the low bid to be 22.67% below the Engineer's Estimate of \$1,963,977.67 for the project. A review of the low bid also shows a commitment of **4.90%** utilization of Small Local Business Enterprise (SLBE) companies which exceeds the 4.05% goal for this project.

Richland PDT recommends that a contract be awarded to the lowest responsive and responsible bidder, McClam & Associates. It is further recommended that the approval of the award also include a 10% contingency of \$151,881.11. We will schedule the pre-construction conference once we have been notified by you that Council has approved the contract.

Sincerely,

**RICHLAND PDT, A JOINT VENTURE**



Dale Collier  
Procurement Manager  
Richland PDT, A Joint Venture

Cc: Nicole Smith, Richland PDT  
Jennifer Wladischkin, Richland County

**ATTACHMENTS:**

Certified Bid Tab

Bid Form – McClam & Associates

Bid Comparison to Engineering Estimate

Pre-Bid Sign In Sheets

McClam & Associates / Taylor Brothers License Confirmation

McClam & Associates SLBE Participation Sheet

08:24 AM 6/19 JUN 6 PM 2:30  
Richland County Procurement Dept



TRANSPORTATION PROGRAM

Dirt Road Package #

BID TABULATION SHEET

PROJECT NUMBER: PDT-719-IFB-2018

June 6, 2018 - 2:30 PM

Bidder	Total Bid
Armstrong Contractors	\$ 1,841,332.50
Lindler's Construction	\$1,879,393.85
McClain & Associates, Inc.	91518,811.07
Cherokee	\$ 2,005,799.50

CERTIFIED BY: *Dave Cullen*

Richland Co. Transportation  
Improvement Program

Bid Form

May 23, 2018



2017 DIRT ROADS PACKAGE H

LENGTH (MI) 1.651

ITEM #	DESCRIPTION	UNITS	TOTAL PROJECT QUANTITY	UNIT PRICE	TOTAL PRICE
1031000	MOBILIZATION	LS	1.000	107,717.00	107,717.00
1050800	CONSTRUCTION STAKES, LINES & GRADES	EA	1.000	54,600.00	54,600.00
1071000	TRAFFIC CONTROL	LS	1.000	72,875.00	72,875.00
2012000	CLEARING & GRUBBING WITHIN ROADWAY	LS	1.000	61,358.00	61,358.00
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	SY	395.500	31.00	12,260.50
2027000	REMOVAL & DISPOSAL OF EXISTING CONCRETE	CY	1.266	77.00	97.48
2029000	REMOVAL & DISPOSAL OF EXISTING DRAINAGE PIPE	LF	141.000	44.00	6,204.00
2031000	UNCLASSIFIED EXCAVATION	CY	10635.000	13.75	146,231.25
2033000	BORROW EXCAVATION	CY	700.000	17.50	12,250.00
2081001	FINE GRADING	SY	25085.000	3.30	82,714.50
3050104	GRADED AGGREGATE BASE COURSE (4" UNIFORM)	SY	2007.000	7.15	14,350.05
3050106	GRADED AGGREGATE BASE COURSE (8" UNIFORM)	SY	256.000	11.50	2,944.00
3089900	MAINTENANCE STONE	TON	220.000	40.50	8,910.00
3071060	CEMENT STABILIZED EARTH BASE COURSE (6" UNIFORM)	SY	6636.000	7.35	48,834.60
3071060	CEMENT STABILIZED EARTH BASE COURSE (8" UNIFORM)	SY	13972.000	7.00	97,804.00
3072000	PORTLAND CEMENT FOR CEMENT STAB. EARTH BASE COURSE	TON	330.000	182.00	60,060.00
4011004	LIQUID ASPHALT BINDER PG64-22	TON	157.000	566.00	89,176.00
4030340	HOT MIX ASPHALT SURFACE COURSE - TYPE C	TON	2569.000	69.30	178,031.70
6051120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	SF	484.000	17.40	8,421.60
6271005	4" WHITE BROKEN LINES (GAP EXCL.) THERMO- 90 MIL	LF	134.000	4.75	636.50
6271025	24" WHITE SOLID LINES (STOP/DIAG) THERMO- 125 MIL	LF	124.000	16.00	1,984.00
6271074	4" SOLID YELLOW LINES (PVT. EDGE) THERMO- 90 MIL	LF	1306.000	2.70	3,526.20
6301100	PERMANENT YELLOW PAVEMENT MARKERS BI-DIR. 4"X4"	EA	401.000	18.70	7,498.70
6510105	FLAT SHEET SIGN, TYPE III, FIXED SZ. & MSG. SIGN	SF	44.000	24.00	1,056.00
6681210	U-SECTION POST FOR SIGN SUPPORTS - 3P	LF	84.000	14.75	1,239.00
7011851	CONCRETE KEY	LF	24.000	63.80	1,531.20
7141123	18" RC PIPE CLASS IV	LF	640.000	51.50	32,960.00
7141132	18" RC PIPE CLASS V	LF	240.000	50.25	12,060.00
7143615	15" SMOOTH WALL PIPE	LF	416.000	47.00	19,552.00
7143618	18" SMOOTH WALL PIPE	LF	616.000	47.00	28,952.00
7149999	CLEAN EXISTING PIPE	LF	180.000	9.90	1,782.00

Richland Co. Transportation  
Improvement Program

Bid Form

May 23, 2018



2017 DIRT ROADS PACKAGE H

LENGTH (MI.) 1.651

ITEM #	DESCRIPTION	UNITS	TOTAL PROJECT QUANTITY	UNIT PRICE	TOTAL PRICE
7191250	CATCH BASIN - TYPE 9 MH	EA	12.000	2750.00	33,000.00
7197918	CAP EXISTING 18" RCP	LS	1.000	825.00	825.00
8041010	RIP-RAP (CLASS A)	TON	51.000	52.00	2652.00
8041020	RIP-RAP (CLASS B)	TON	7.000	52.00	364.00
8048110	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 1) TYPE C	SY	54.000	8.10	437.40
8048200	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 2) TYPE A	SY	24.000	8.10	194.40
8048205	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 2) TYPE B	SY	23.000	8.10	186.30
8071000	RESET FENCE	LF	40.000	22.00	880.00
8072000	RESET CHAIN-LINK FENCE	LF	998.700	22.00	21,971.40
8091010	RIGHT OF WAY MARKER (REBAR & CAP)	EA	128.000	105.00	13,230.00
8100001	PERMANENT VEGETATION	MSY	18.446	363.00	6,695.90
8151101	TURF REINFORCEMENT MATTING (TRM) TYPE 1	MSY	0.482	5,720.00	2,642.64
8151103	TURF REINFORCEMENT MATTING (TRM) TYPE 3	MSY	1.372	6,875.00	9,432.50
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	LF	200.000	13.25	2,650.00
8152006	INLET STRUCTURE FILTER - TYPE F (NON-WEIGHTED)	LF	48.000	11.00	528.00
8152007	SEDIMENT TUBES FOR DITCH CHECKS	LF	320.000	9.90	3,168.00
8163000	SILT FENCE	LF	5044.000	2.30	11,601.20
8153090	REPLACE / REPAIR SILT FENCE	LF	230.000	4.25	977.50
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	LF	675.000	4.15	2,811.75
8156200	CLEANING INLET STRUCTURE FILTERS	EA	2.000	275.00	550.00
8156490	STABILIZED CONSTRUCTION ENTRANCE	SY	3025.000	23.10	69,877.50
8999004	INSTALL WATER SERVICE LINES	LF	16000.000	9.90	158,400.00
TOTAL					1,518,811.07

2386.2



**DIRT ROAD PACKAGE H PDT-719-IFB-2018**

ITEM#	DESCRIPTION	LENGTH (MI)	1.5:1	Engineer's Estimate		McClam & Associates		Armstrong		Lindler's		Cherokee Inc.	
				TOTAL PROJECT QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1031000	MOBILIZATION		1,000	LS	\$ 107,717.00	\$ 107,717.00	\$ 60,000.00	\$ 60,000.00	\$ 120,000.00	\$ 120,000.00	\$ 97,650.00	\$ 97,650.00	
1050000	CONSTRUCTION STAKES, LINES & GRADES		1,000	EA	\$ 54,800.00	\$ 54,800.00	\$ 30,000.00	\$ 30,000.00	\$ 48,000.00	\$ 48,000.00	\$ 50,000.00	\$ 50,000.00	
1071000	TRAFFIC CONTROL		1,000	LS	\$ 72,875.00	\$ 72,875.00	\$ 25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 80,000.00	\$ 91,000.00	\$ 91,000.00	
2020000	CLEARING & GRUBBING WITHIN ROADWAY		1,000	LS	\$ 61,358.00	\$ 61,358.00	\$ 35,000.00	\$ 35,000.00	\$ 140,000.00	\$ 140,000.00	\$ 225,000.00	\$ 225,000.00	
2050000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT		395.000	SY	\$ 31.00	\$ 12,280.50	\$ 25.00	\$ 9,887.50	\$ 15.00	\$ 5,932.50	\$ 20.00	\$ 7,910.00	
2027000	REMOVAL & DISPOSAL OF EXISTING CONCRETE		1,284	CY	\$ 71.00	\$ 91,488.00	\$ 780.00	\$ 999,600.00	\$ 500.00	\$ 643,200.00	\$ 1,500.00	\$ 1,926,000.00	
2028000	REMOVAL & DISPOSAL OF EXISTING DRAINAGE PIPE		141,000	LF	\$ 44.00	\$ 6,204.00	\$ 20.00	\$ 2,820.00	\$ 15.00	\$ 2,115.00	\$ 20.00	\$ 2,820.00	
2031000	UNCLASSIFIED EXCAVATION		19835.000	CY	\$ 13.75	\$ 272,331.25	\$ 12.00	\$ 238,020.00	\$ 18.00	\$ 357,030.00	\$ 25.00	\$ 496,375.00	
2033000	BORROW EXCAVATION		700,000	CY	\$ 17.50	\$ 12,250.00	\$ 20.00	\$ 14,000.00	\$ 25.00	\$ 17,500.00	\$ 30.00	\$ 21,000.00	
2081001	FINE GRADING		25085.000	SY	\$ 3.30	\$ 82,774.50	\$ 2.00	\$ 50,170.00	\$ 3.00	\$ 75,255.00	\$ 7.50	\$ 187,882.50	
3050104	GRADED AGGREGATE BASE COURSE (4" UNIFORM)		2007,000	SY	\$ 7.15	\$ 14,350.05	\$ 18.00	\$ 36,126.00	\$ 10.35	\$ 20,772.45	\$ 11.00	\$ 22,077.00	
3050108	GRADED AGGREGATE BASE COURSE (8" UNIFORM)		255,000	SY	\$ 11.50	\$ 2,944.00	\$ 22.00	\$ 5,632.00	\$ 21.00	\$ 5,376.00	\$ 20.00	\$ 5,120.00	
3068000	MAINTENANCE STONE		220,000	TON	\$ 40.50	\$ 8,910.00	\$ 50.00	\$ 11,000.00	\$ 30.00	\$ 6,600.00	\$ 65.00	\$ 14,300.00	
3071000	CEMENT STABILIZED EARTH BASE COURSE (6" UNIFORM)		6533.000	SY	\$ 7.35	\$ 48,039.80	\$ 8.00	\$ 52,264.00	\$ 6.00	\$ 39,198.00	\$ 6.30	\$ 41,176.80	
3071000	CEMENT STABILIZED EARTH BASE COURSE (8" UNIFORM)		13972.000	SY	\$ 7.00	\$ 97,804.00	\$ 10.00	\$ 139,720.00	\$ 9.50	\$ 132,734.00	\$ 6.50	\$ 90,816.00	
3072000	PORTLAND CEMENT FOR CEMENT STAB. EARTH BASE COURSE		330,000	TON	\$ 182.00	\$ 60,060.00	\$ 155.00	\$ 51,150.00	\$ 140.00	\$ 46,200.00	\$ 178.00	\$ 58,740.00	
4011004	LIQUID ASPHALT BINDER PG64-22		157,000	TON	\$ 568.00	\$ 88,176.00	\$ 550.00	\$ 86,350.00	\$ 625.00	\$ 98,125.00	\$ 620.00	\$ 97,340.00	
403940	HOT MIX ASPHALT SURFACE COURSE - TYPE C		2589,000	TON	\$ 68.30	\$ 176,931.70	\$ 92.00	\$ 238,146.00	\$ 90.00	\$ 233,210.00	\$ 103.00	\$ 266,007.00	
605120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)		484,000	SF	\$ 17.40	\$ 8,420.80	\$ 10.00	\$ 4,840.00	\$ 5.50	\$ 2,662.00	\$ 8.00	\$ 3,872.00	
6271005	4" WHITE BROKEN LINES (GAP EXCL.) THERMO- 90 MIL		134,000	LF	\$ 4.75	\$ 636.50	\$ 1.00	\$ 134.00	\$ 5.00	\$ 670.00	\$ 7.00	\$ 938.00	
6271025	24" WHITE SOLID LINES (STOP/DIAG) THERMO- 125 MIL		124,000	LF	\$ 16.00	\$ 1,984.00	\$ 10.00	\$ 1,240.00	\$ 12.00	\$ 1,488.00	\$ 10.00	\$ 1,240.00	
6271074	4" SOLID YELLOW LINES (PVT. EDGE) THERMO- 90 MIL		1300,000	LF	\$ 2.70	\$ 3,510.00	\$ 1.00	\$ 1,300.00	\$ 2.70	\$ 3,510.00	\$ 3.30	\$ 4,290.00	
6301000	PERMANENT YELLOW PAVEMENT MARKERS BHDIR - 4"x4"		401,000	EA	\$ 18.70	\$ 7,498.70	\$ 5.00	\$ 2,005.00	\$ 15.00	\$ 6,015.00	\$ 17.00	\$ 6,817.00	
6510105	FLAT SHEET SIGN, TYPE III, FIXED SZ. & MSG. SIGN		44,000	SF	\$ 24.00	\$ 1,056.00	\$ 20.00	\$ 880.00	\$ 17.00	\$ 748.00	\$ 30.00	\$ 1,320.00	
6531210	I-SECTION POST FOR SIGN SUPPORTS - 3P		84,000	LF	\$ 14.75	\$ 1,239.00	\$ 15.00	\$ 1,260.00	\$ 11.00	\$ 924.00	\$ 20.00	\$ 1,680.00	
7011851	CONCRETE KEY		24,000	LF	\$ 63.80	\$ 1,531.20	\$ 100.00	\$ 2,400.00	\$ 100.00	\$ 2,400.00	\$ 200.00	\$ 4,800.00	
7141123	18" RC PIPE CLASS IV		640,000	LF	\$ 51.50	\$ 33,060.00	\$ 55.00	\$ 35,200.00	\$ 65.00	\$ 41,600.00	\$ 80.00	\$ 51,200.00	
7141132	15" RC PIPE CLASS V		240,000	LF	\$ 50.25	\$ 12,060.00	\$ 50.00	\$ 12,000.00	\$ 60.00	\$ 14,400.00	\$ 80.00	\$ 19,200.00	
7143615	15" SMOOTH WALL PIPE		416,000	LF	\$ 47.00	\$ 19,552.00	\$ 40.00	\$ 16,640.00	\$ 45.00	\$ 18,720.00	\$ 65.00	\$ 27,040.00	
7143618	18" SMOOTH WALL PIPE		616,000	LF	\$ 47.00	\$ 28,952.00	\$ 45.00	\$ 27,720.00	\$ 50.00	\$ 30,800.00	\$ 75.00	\$ 46,200.00	
7148888	CLEAN EXISTING PIPE		150,000	LF	\$ 9.90	\$ 1,485.00	\$ 25.00	\$ 3,750.00	\$ 22.00	\$ 3,300.00	\$ 60.00	\$ 7,800.00	
7191250	CATCH BASIN - TYPE 9 NH		12,000	EA	\$ 2,750.00	\$ 33,000.00	\$ 5,500.00	\$ 66,000.00	\$ 3,200.00	\$ 38,400.00	\$ 4,000.00	\$ 48,000.00	
7197818	CAP EXISTING 18" RCP		1,000	LS	\$ 625.00	\$ 625.00	\$ 3,000.00	\$ 3,000.00	\$ 500.00	\$ 500.00	\$ 600.00	\$ 600.00	
8041010	RIP-RAP (CLASS A)		51,000	TON	\$ 52.00	\$ 2,652.00	\$ 125.00	\$ 6,375.00	\$ 85.00	\$ 4,335.00	\$ 100.00	\$ 5,100.00	
8041020	RIP-RAP (CLASS B)		7,000	TON	\$ 52.00	\$ 364.00	\$ 125.00	\$ 875.00	\$ 90.00	\$ 630.00	\$ 100.00	\$ 700.00	
8048110	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 1) TYPE C		54,000	SY	\$ 8.10	\$ 437.40	\$ 15.00	\$ 810.00	\$ 5.00	\$ 270.00	\$ 20.00	\$ 1,080.00	
8048200	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 2) TYPE A		24,000	SY	\$ 8.10	\$ 194.40	\$ 20.00	\$ 480.00	\$ 5.00	\$ 120.00	\$ 20.00	\$ 480.00	
8048205	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 2) TYPE B		23,000	SY	\$ 8.10	\$ 186.30	\$ 25.00	\$ 575.00	\$ 5.00	\$ 115.00	\$ 20.00	\$ 460.00	
8071000	RESET FENCE		40,000	LF	\$ 22.00	\$ 880.00	\$ 75.00	\$ 3,000.00	\$ 15.00	\$ 600.00	\$ 25.00	\$ 1,000.00	



DIRT ROAD PACKAGE H PDT-719-IFB-2018

ITEM #	DESCRIPTION	UNITS	TOTAL PROJECT QUANTITY	Engineer's Estimate		McClam & Associates		Armatrong		Lindler's		Cherokee Inc.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
8072000	RESET CHAIN-LINK FENCE	LF	988.700			\$ 22.00	\$ 21,971.40	\$ 25.00	\$ 24,867.50	\$ 20.00	\$ 19,974.00	\$ 25.00	\$ 24,967.50
8081010	RIGHT OF WAY MARKER (REBAR & CAP)	EA	126.000			\$ 105.00	\$ 13,230.00	\$ 25.00	\$ 3,150.00	\$ 150.00	\$ 18,900.00	\$ 175.00	\$ 22,050.00
8100001	PERMANENT VEGETATION	MSY	18.446			\$ 363.00	\$ 6,695.90	\$ 750.00	\$ 13,834.50	\$ 400.00	\$ 7,378.40	\$ 450.00	\$ 8,300.70
8151101	TURF REINFORCEMENT MATTING (TRM) TYPE 1	MSY	0.462			\$ 5,720.00	\$ 2,642.84	\$ 10,000.00	\$ 4,620.00	\$ 5,000.00	\$ 2,310.00	\$ 5,000.00	\$ 2,310.00
8151103	TURF REINFORCEMENT MATTING (TRM) TYPE 3	MSY	1.372			\$ 6,875.00	\$ 9,432.50	\$ 12,000.00	\$ 16,464.00	\$ 6,500.00	\$ 8,918.00	\$ 6,500.00	\$ 7,546.00
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	LF	200.000			\$ 13.25	\$ 2,650.00	\$ 25.00	\$ 5,000.00	\$ 12.00	\$ 2,400.00	\$ 15.00	\$ 3,000.00
8152006	INLET STRUCTURE FILTER - TYPE F (NON-WEIGHTED)	LF	46.000			\$ 11.00	\$ 506.00	\$ 20.00	\$ 920.00	\$ 10.00	\$ 460.00	\$ 11.00	\$ 506.00
8152007	SEDIMENT TUBES FOR DITCH CHECKS	LF	320.000			\$ 9.90	\$ 3,168.00	\$ 20.00	\$ 6,400.00	\$ 15.00	\$ 4,800.00	\$ 15.00	\$ 4,800.00
8153000	SILT FENCE	LF	504.000			\$ 2.30	\$ 1,160.20	\$ 6.00	\$ 3,024.00	\$ 5.00	\$ 2,520.00	\$ 5.00	\$ 2,520.00
8153090	REPLACE /REPAIR SILT FENCE	LF	230.000			\$ 4.25	\$ 977.50	\$ 6.00	\$ 1,380.00	\$ 7.00	\$ 1,610.00	\$ 7.50	\$ 1,725.00
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	LF	575.000			\$ 4.15	\$ 2,386.25	\$ 6.00	\$ 3,450.00	\$ 5.00	\$ 2,875.00	\$ 10.00	\$ 5,750.00
8156200	CLEANING INLET STRUCTURE FILTERS	EA	2.000			\$ 275.00	\$ 550.00	\$ 1,000.00	\$ 2,000.00	\$ 250.00	\$ 500.00	\$ 175.00	\$ 350.00
8156490	STABILIZED CONSTRUCTION ENTRANCE	SY	3023.000			\$ 23.10	\$ 69,877.50	\$ 1.50	\$ 4,537.50	\$ 12.00	\$ 36,300.00	\$ 15.00	\$ 45,375.00
8999004	INSTALL WATER SERVICE LINES	LF	16000.000			\$ 8.90	\$ 142,400.00	\$ 35.00	\$ 560,000.00	\$ 20.00	\$ 320,000.00	\$ 5.00	\$ 80,000.00
	<b>Total</b>						\$ 1,953,977.67		\$ 1,841,332.50		\$ 1,879,401.35		\$ 2,010,599.50





TRANSPORTATION PROGRAM

SIGN IN SHEET

Project: Bid Opening for Dirt Road Package H  
 Date: April 25, 2018  
 Meeting Time: 11:15 AM

NAME/Business	EMAIL	PHONE
Aaron Jackson		
C. B. Jackson, Inc	AJACKSON@CBJACKSON.COM	803.758.6070
Flynn Dickson Lane Construction	FJDickson@LaneConstruct.com	803.260.6801
JAMES GREGORY Cheggee, Inc	JGregory@Cheggee-SC.COM	803.796.4870
MARK SMITH LEE-LINEBERGER CONST. INC.	MSM@LEE-LINEBERGER.COM	(803) 246-9371
Ben Lewis Richland PPT	blewis@richlandpenny.com	726-3614
Justin Trone McClain + Associates LINCOLN CONST OF SC LLC	jtrone@mcclain.net	803 351-7467
TRIP NUNN Scott Jordan - Armstrong Contractors	CHARLIE@LINDLEAS.COM scott@armstrongcontractors.com	803.513.7607 513-5054
Jamie Kendall - Richland PPT	JKendall@richlandpenny.com	348-6813
Melissa Wetts - Richland Co OSBO	wetts.melissa	



TRANSPORTATION PROGRAM

SIGN IN SHEET

Project: Bid Opening for Dirt Road Package H

Date: April 25, 2018

Meeting Time: 11:15 AM

NAME/Business	EMAIL	PHONE
DAVID PHILLIPS R & T Gardening, Inc	Sitzewick@rtds.com	803-894-7827
Jennifer Wladischkin Richland City	wladja@rcgov.us	803-576-2126
Yolanda Davis Richland County	edavis@rcgov.us	803-576-2127
Nicole Smith - PDT	nsmith@richlandpenny.com	803-726-6153
Dale Collier - PDT	dcollier@richlandpenny.com	803-914-6258
Wendell Powell Palmetto Sitework Services	wpowell@pswslc.com	803-667-2247
GERARD WALKER - PDT	gwalker@richlandpenny.com	803-726-6151

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**Board: Commercial Contractors**

**McCLAM & ASSOCIATES INC**  
1642 HOLY TRINITY CHURCH ROAD  
LITTLE MOUNTAIN, SC 29075  
(803) 345-9194

License number: 10203  
License type: GENERAL CONTRACTOR  
Status: ACTIVE  
Expiration: 10/31/2018  
First Issuance Date: 01/01/1992  
Classification: GD5 WL5 WP5  
President / Owner: JESSE.R. MCCLAM III  
Vice President: ANSEL C MCCLAM

[Click here for Classification definitions and licensee's contract dollar limit](#)

**Supervised By**

[BYE CLIFFORD \(CG\)](#)  
[MCCLAM JESSE \(CG\)](#)  
[MCCLAM ANSEL \(CG\)](#)

[File a Complaint against this licensee](#)

**Board Public Action History:**

[View Orders](#)

[View Other License for this Person](#)

[No Orders Found](#)

## CURRENT CLASSIFICATION ABBREVIATIONS and PROJECT/DOLLAR LIMITATIONS

The two-letters on a license indicates the designated classification(s) of work (i.e. **BD3**); the number behind the letters indicates their designated dollar limit per contract (i.e. **BD3**); see classifications & project/dollar limits below:

GENERAL CONTRACTOR classifications	MECHANICAL CONTRACTOR classifications
Asphalt Paving..... AP	Air Conditioning..... AC
Boiler Installation..... BL	Electrical..... EL
Boring & Tunneling (no technical exam)..... BT	Heating..... HT
Bridges..... BR	Lightning Protection..... LP
Building (BD, LB, UB) *..... BD	Packaged Equipment..... PK
Concrete..... CT	Plumbing..... PB
Concrete Paving..... CP	Pressure and Process Piping ****..... 1P/2P
General Roofing..... GR	Refrigeration..... RG
Glass & Glazing..... GG	
Grading..... GD	
Highway **..... HY	
Highway Incidental (no technical exam)..... HI	
Interior Renovation (no technical exam)..... IR	
Marine..... MR	
Masonry (no technical exam)..... MS	
Pipelines..... PL	
Pre-Engineered Metal Buildings..... MB	
Public Electrical Utility ***..... 1U/2U	
Railroad (no technical exam)..... RR	
Specialty Roofing..... SR	
Structural Framing..... SF	
Structural Shapes (no technical exam)..... SS	
Swimming Pools..... SP	
Water & Sewer Lines..... WL	
Water & Sewer Plants..... WP	
Wood Frame Structures..... WF	

- \* **Building (BD):** includes GR, IR, MB, MS, SS, WF.  
 "LB" - qualifier took Limited Building exam - can only apply as Group #1, #2, or #3; cannot work over 3 stories.  
 "UB" - qualifier took Unlimited Building exam.
- \*\* **Highway (HY):** includes AP, CP, BR, GD, HI.
- \*\*\* **Public Electrical Utility (1U/2U):** "1U" given to those licensed prior to 4/1/99 and can engage in stadium lighting work. "2U" given to those licensed after 4/1/99 and cannot engage in stadium lighting work.
- \*\*\*\* **Pressure and Process Piping (1P/2P):** "1P" given to those licensed prior to 4/1/99 and can engage in boiler work; "2P" given to those licensed after 4/1/99 and cannot engage in boiler work.

### \*\*\* NEW DOLLAR LIMITATIONS AND NEW NET WORTH REQUIREMENTS \*\*\*

GENERAL CONTRACTORS			MECHANICAL CONTRACTORS		
Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY	Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY
Group #1	\$50,000	\$10,000	Group #1	\$17,500	\$3,500
Group #2	\$200,000	\$40,000	Group #2	\$50,000	\$10,000
Group #3	\$500,000	\$100,000	Group #3	\$100,000	\$20,000
Group #4	\$1,500,000	\$175,000	Group #4	\$200,000	\$40,000
Group #5	\$Unlimited	\$250,000	Group #5	\$Unlimited	\$200,000

Revised 07/2016

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**Board: Commercial Contractors**

**TAYLOR BROTHERS CONSTRUCTION CO INC**  
2201 ATLAS ROAD  
COLUMBIA, SC 29209-3621  
(803) 776-5113

License number: 15148  
License type: GENERAL CONTRACTOR  
Status: ACTIVE  
Expiration: 10/31/2018  
First Issuance Date: 02/08/1993  
Classification: AP5 CP5 GD5  
President / Owner: info@taylorbrotherssc.com

[Click here for Classification definitions and licensee's contract dollar limit](#)

**Supervised By**  
**TAYLOR COLLIER (COG)**

[File a Complaint against this licensee](#)

**Board Public Action History:**

[View Orders](#)

[View Other License for this Person](#)

**No Orders Found**

## CURRENT CLASSIFICATION ABBREVIATIONS and PROJECT/DOLLAR LIMITATIONS

The two-letters on a license indicates the designated classification(s) of work (i.e. BD3); the number behind the letters indicates their designated dollar limit per contract (i.e. BD3); see classifications & project/dollar limits below:

GENERAL CONTRACTOR classifications	MECHANICAL CONTRACTOR classifications
Asphalt Paving ..... AP	Air Conditioning ..... AC
Boiler Installation ..... BL	Electrical ..... EL
Boring & Tunneling (no technical exam) ..... BT	Heating ..... HT
Bridges ..... BR	Lightning Protection ..... LP
Building (BD, LB, UB) * ..... BD	Packaged Equipment ..... PK
Concrete ..... CT	Plumbing ..... PB
Concrete Paving ..... CP	Pressure and Process Piping **** ..... 1P/2P
General Roofing ..... GR	Refrigeration ..... RG
Glass & Glazing ..... GG	
Grading ..... GD	
Highway ** ..... HY	
Highway Incidental (no technical exam) ..... HI	
Interior Renovation (no technical exam) ..... IR	
Marine ..... MR	
Masonry (no technical exam) ..... MS	
Pipelines ..... PL	
Pre-Engineered Metal Buildings ..... MB	
Public Electrical Utility **** ..... 1U/2U	
Railroad (no technical exam) ..... RR	
Specialty Roofing ..... SR	
Structural Framing ..... SF	
Structural Shapes (no technical exam) ..... SS	
Swimming Pools ..... SP	
Water & Sewer Lines ..... WL	
Water & Sewer Plants ..... WP	
Wood Frame Structures ..... WF	

\* Building (BD): includes GR, IR, MB, MS, SS, WF.

"LB" - qualifier took Limited Building exam - can only apply as Group #1, #2, or #3; cannot work over 3 stories.

"UB" - qualifier took Unlimited Building exam.

\*\* Highway (HY): includes AP, CP, BR, GD, HI.

\*\*\*\* Public Electrical Utility (1U/2U): "1U" given to those licensed prior to 4/1/99 and can engage in stadium lighting work. "2U" given to those licensed after 4/1/99 and cannot engage in stadium lighting work.

\*\*\*\* Pressure and Process Piping (1P/2P): "1P" given to those licensed prior to 4/1/99 and can engage in boiler work; "2P" given to those licensed after 4/1/99 and cannot engage in boiler work.

### \*\*\* NEW DOLLAR LIMITATIONS AND NEW NET WORTH REQUIREMENTS \*\*\*

GENERAL CONTRACTORS			MECHANICAL CONTRACTORS		
Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY	Group#	\$ LIMITATION PER JOB/CONTRACT	NET WORTH/ TOTAL EQUITY
Group #1	\$50,000	\$10,000	Group #1	\$17,500	\$3,500
Group #2	\$200,000	\$40,000	Group #2	\$50,000	\$10,000
Group #3	\$500,000	\$100,000	Group #3	\$100,000	\$20,000
Group #4	\$1,500,000	\$175,000	Group #4	\$200,000	\$40,000
Group #5	\$Unlimited	\$250,000	Group #5	\$Unlimited	\$200,000

Revised 07/2016



**RICHLAND COUNTY OFFICE OF SMALL BUSINESS OPPORTUNITY**

Contract #: OSB009  
Rev. Date: 12/6/201

Date Submitted:	6/6/18				
Project Number:	DIRT ROAD PACKAGE H				
Contractor Name:	TAYLOR BROTHERS				
Address 1:	2201 ATLAS ROAD				
Address 2:	City:	State:	Zip Code:		
	COLUMBIA	SC	29290		
Office Number:	Mobile Number:				
Contact Person:	COURTNEY TAYLOR				
Email Address:					
SLBE Goal Percentage:	4.05	Percentage Committed to Subcontractor:	4.90	Percentage not obtained by Prime Contractor:	X

I certify that the information submitted on this form for the good faith efforts documentation is true and correct to the best of my knowledge.

Bidder/Authorized Representative: JR McCLAM  
(Print Name)

Signature: J.R. McClam

Title: PRESIDENT Date: 6/6/20



# TRANSPORTATION PROGRAM

July 5, 2018

Dr. John Thompson  
Director of Transportation  
Richland County Government  
P.O. Box 192  
Columbia, South Carolina 29202

Re: Resurfacing Package O  
PDT-764-IFB-2018

Dear Dr. Thompson:

A bid opening was held at 2:00 PM on Wednesday, June 27, 2018 at the Richland County Office of Procurement at 2020 Hampton Street for the Resurfacing Package O Project. The Richland Program Development Team has reviewed the four (4) submitted bids for Resurfacing Package O Project and found a mathematical error in the manual paper bid submitted by Lane Construction as outlined in the tabulation below and highlighted in the attached Bid Comparison to the Engineering estimate. The bids received were as follows.

Resurfacing Package O - BID RESULTS SUMMARY		
BIDDER	SUBMITTED BID	* CORRECTED BID
C. R. Jackson	\$ 1,139,710.86	NA
Palmetto Corp of Conway, Inc.	\$ 1,208,971.16	NA
Lane Construction	\$ 1,437,085.02	\$ 1,437,085.03
Lynches River Contracting, Inc.	\$ 1,667,093.30	NA

\* Corrected bid as a result of a mathematical error identified during the review of submitted paper bid

Further review shows that C.R. Jackson is duly licensed in South Carolina to perform this work. A copy of their license is attached.

A Pre-Bid Conference was held at 10:00 AM on May 23, 2018 during which attendees gained information and bidding directives for the project. The Sign-In Sheet for the Pre-Bid Meeting is attached indicating interested firms that were in attendance.



Attached is a final bid tab sheet for your reference which indicates the low bid to be 5.8% below the Engineer's Estimate of \$1,208,971.16 for the project.

Richland PDT recommends that a contract be awarded to the lowest responsive and responsible bidder, C.R. Jackson. It is further recommended that the approval of the award also include a 10% contingency of \$113,971.08. We will schedule the pre-construction conference once we have been notified by you that Council has approved the contract.

Sincerely,

**RICHLAND PDT, A JOINT VENTURE**



**Dale Collier**  
Procurement Manager  
Richland PDT, A Joint Venture

Cc: Nicole Smith, Richland PDT  
Jennifer Wladischkin, Richland County

**ATTACHMENTS:**

Certified Bid Tab

Bid Form – C.R. Jackson

Bid Comparison to Engineering Estimate

Pre-Bid Sign In Sheets

C.R. Jackson License Confirmation



Resurfacing Project 0  
 BID TABULATION SHEET  
 PROJECT NUMBER: PDT-764-IFB-2018  
 June 27, 2018 ~ 2:00 PM

Bidder	Total Bid
Lane Construction	\$1,437,085.02
C. P. Saxson	\$1,139,710.86
Palmetto Corp of Conway, Inc.	\$1,208,971.16
Lynches River Contracting, Inc.	\$1,667,093.30
CERTIFIED BY:	
<i>Don Collins</i>	

Richland County Procurement Dept  
 JUN 27 PM 2:00

<b>BID FORM</b>	<b>\$1,139,710.86</b>
-----------------	-----------------------

Item #	Description	Units	Quantity	Unit Price	Extension
1031000	MOBILIZATION	LS	1.0000	\$55,000.00	\$55,000.00
1071000	TRAFFIC CONTROL	LS	1.0000	\$100,000.00	\$100,000.00
4012060	FULL DEPTH ASPHALT PAVEMENT PATCHING (6" UNIF.)	SY	933.6670	\$65.00	\$60,688.36
4013990	MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	SY	31,037.7760	\$6.00	\$186,226.66
4030340	HOT MIX ASPHALT SURFACE COURSE - TYPE C	TON	6,386.6440	\$110.00	\$702,530.84
6020005	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	SF	1,260.0000	\$5.00	\$6,300.00
6241025	24" WHITE SOLID LINES (STOP/DIAG LINES) -PERM.PVMT.MARKING	LF	151.0000	\$10.00	\$1,510.00
6241030	WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM.PVMT.MARKING	EA	6.0000	\$150.00	\$900.00
6241074	4" YELLOW SOLID LINES (PVT.EDGE LINES) PERM.PVMT.MARKING	LF	400.0000	\$5.00	\$2,000.00
6250025	24" WHITE SOLID LINES (STOP/DIAG LINES) -FAST DRY PAINT	LF	151.0000	\$5.00	\$755.00
6250110	4" YELLOW SOLID LINES (PVT.EDGE LINES) FAST DRY PAINT	LF	400.0000	\$2.50	\$1,000.00
7203130	CONCRETE CURB AND GUTTER(1'-6") OGEE	LF	500.0000	\$45.00	\$22,500.00
<b>Total:</b>					<b>\$1,139,710.86</b>

Item #	Description	Units	Quantity	Unit Price	Extension
6250030	WHITE SINGLE ARROWS (LT, STRGHT, RT) - FAST DRY PAINT	EA	6.0000	\$50.00	\$300.00
				<b>Total:</b>	<b>\$1,139,710.86</b>



2018 RESURFACING PACKAGE "O" PDT-764-IFB-2018

ITEM #	DESCRIPTION	LENGTH (MI)	UNITS	TOTAL PROJECT QUANTITY	Engineer's Estimate		C.R. Jackson		Palmetto Corp. of Conway		Lane Construction		Lynchus River Contracting		
					UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	
1031000	MOBILIZATION		LS	1,000		\$ 55,000.00	\$ 55,000.00								
1071000	TRAFFIC CONTROL		LS	1,000		\$ 100,000.00	\$ 100,000.00			\$ 72,000.00	\$ 72,000.00	\$ 150,000.00	\$ 150,000.00	\$ 81,000.00	
4012060	FULL DEPTH ASPHALT PAVEMENT PATCHING (6" UNIF.)		SY	933.667		\$ 65.00	\$ 60,688.36			\$ 46,000.00	\$ 46,000.00	\$ 150,000.00	\$ 150,000.00	\$ 50,000.00	
4013990	MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)		SY	91037.776		\$ 6.00	\$ 546,226.66			\$ 93.00	\$ 86,831.03	\$ 78.00	\$ 72,828.03	\$ 90.00	
4030340	HOT MIX ASPHALT SURFACE COURSE - TYPE C		TON	6386.644		\$ 110.00	\$ 702,530.84			\$ 4.65	\$ 144,325.66	\$ 3.15	\$ 97,768.99	\$ 15.00	
6020005	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)		SF	1260.000		\$ 5.00	\$ 6,300.00			\$ 126.50	\$ 807,910.47	\$ 146.75	\$ 897,240.00	\$ 146.50	
6241025	24" WHITE SOLID LINES (STOPPING LINES)-PERM.PVMT.MARKING		LF	151.000		\$ 10.00	\$ 1,510.00			\$ 5.00	\$ 6,300.00	\$ 7.00	\$ 8,820.00	\$ 5.25	
6241030	WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM.PVMT.MARKING		EA	6,000		\$ 150.00	\$ 900.00			\$ 36.00	\$ 5,436.00	\$ 25.00	\$ 3,775.00	\$ 10.00	
6241074	4" YELLOW SOLID LINES(PVT.EDGE LINES) PERM.PVMT.MARKING		LF	400.000		\$ 5.00	\$ 2,000.00			\$ 150.00	\$ 900.00	\$ 250.00	\$ 1,500.00	\$ 150.00	
6250025	24" WHITE SOLID LINES (STOPPING LINES)-FAST DRY PAINT		LF	151.000		\$ 5.00	\$ 755.00			\$ 6.00	\$ 2,400.00	\$ 2.00	\$ 800.00	\$ 5.00	
6250030	WHITE SINGLE ARROWS (LT, STRGHT, RT) - FAST DRY PAINT		EA	6,000		\$ 50.00	\$ 300.00			\$ 18.00	\$ 2,718.00	\$ 5.00	\$ 755.00	\$ 6.00	
6250110	4" YELLOW SOLID LINES(PVT.EDGE LINES) FAST DRY PAINT		LF	400.000		\$ 2.50	\$ 1,000.00			\$ 75.00	\$ 450.00	\$ 50.00	\$ 300.00	\$ 50.00	
7203130	CONCRETE CURB AND GUTTER(4'-6") OGEE		LF	500.000		\$ 45.00	\$ 22,500.00			\$ 3.00	\$ 1,200.00	\$ 2.00	\$ 800.00	\$ 2.50	
	<b>Total</b>						\$ 1,233,552.45				\$ 1,209,971.16		\$ 1,437,085.02		\$ 1,667,093.50



TRANSPORTATION PROGRAM

SIGN IN SHEET

Project: Pre-bid for Resurfacing O  
 Date: May 23, 2018  
 Meeting Time: 10 AM

NAME/Business	EMAIL	PHONE
Dale Collier - PDT	dcollier@richlandpenny.com	803-917-6258
Melissa Watts - Richland County CS&D	watts.m2@vegov.us	803-576-1543
Flynn Dickson - Lane Construction	JFDickson@laneconstruct.com	803-260-6801
Cal Scott	cal.scott@lynchessrivercontractors.com	843-675-5909
Nicole Smith - PDT	nsmith@richlandpenny.com	803-726-5123
Steven Schoolfield - Palmetto Corp.	klevy@palmetto corp.net	803.464.6267
Scott Jordan	scott@ormstromcontractors.com	513-9254
Prin King	blinger@richlandpenny.com	803-351-5287
Roger Reed	k.jackson@richlandpenny.com	803-150-6070
Construction Workers - PDT	g.walker@richlandpenny.com	803-726-6151



[Print this page](#)

## Board: Commercial Contractors

**C R JACKSON INC**  
100 INDEPENDENCE BLVD  
COLUMBIA, SC 29210-6848  
(803) 750-6070

License number: 877  
License type: General Construction Manager  
Status: ACTIVE  
Expiration: 10/31/2018  
Classification: AP CP GD WL

[Click here for Classification definitions and licensee's contract dollar limit](#)

### Supervises

[WALKER SEAN - \(COG\)](#)

[File a Complaint against this licensee](#)

## Board Public Action History:

[View Orders](#)

[View Other License for this Person](#)

No Orders Found



**CURRENT CLASSIFICATION ABBREVIATIONS and PROJECT/DOLLAR LIMITATIONS**

The two-letters on a license indicates the designated classification(s) of work (i.e. **BD3**); the number behind the letters indicates their designated dollar limit per contract (i.e. **BD3**); see classifications & project/dollar limits below:

GENERAL CONTRACTOR classifications	MECHANICAL CONTRACTOR classifications
Asphalt Paving ..... <b>AP</b>	Air Conditioning ..... <b>AC</b>
Boiler Installation ..... <b>BL</b>	Electrical ..... <b>EL</b>
Boring & Tunneling (no technical exam) ..... <b>BT</b>	Heating ..... <b>HT</b>
Bridges ..... <b>BR</b>	Lightning Protection ..... <b>LP</b>
Building (BD, LB, UB) * ..... <b>BD</b>	Packaged Equipment ..... <b>PK</b>
Concrete ..... <b>CT</b>	Plumbing ..... <b>PB</b>
Concrete Paving ..... <b>CP</b>	Pressure and Process Piping **** ..... <b>1P/2P</b>
General Roofing ..... <b>GR</b>	Refrigeration ..... <b>RG</b>
Glass & Glazing ..... <b>GG</b>	
Grading ..... <b>GD</b>	
Highway ** ..... <b>HY</b>	
Highway Incidental (no technical exam) ..... <b>HI</b>	
Interior Renovation (no technical exam) ..... <b>IR</b>	
Marine ..... <b>MR</b>	
Masonry (no technical exam) ..... <b>MS</b>	
Pipelines ..... <b>PL</b>	
Pre-Engineered Metal Buildings ..... <b>MB</b>	
Public Electrical Utility *** ..... <b>1U/2U</b>	
Railroad (no technical exam) ..... <b>RR</b>	
Specialty Roofing ..... <b>SR</b>	
Structural Framing ..... <b>SF</b>	
Structural Shapes (no technical exam) ..... <b>SS</b>	
Swimming Pools ..... <b>SP</b>	
Water & Sewer Lines ..... <b>WL</b>	
Water & Sewer Plants ..... <b>WP</b>	
Wood Frame Structures ..... <b>WF</b>	

- \* **Building (BD)**: includes GR, IR, MB, MS, SS, WF.  
**"LB"** - qualifier took Limited Building exam - can only apply as Group #1, #2, or #3; cannot work over 3 stories.  
**"UB"** - qualifier took Unlimited Building exam.
- \*\* **Highway (HY)**: includes AP, CP, BR, GD, HI.
- \*\*\* **Public Electrical Utility (1U/2U)**: **"1U"** given to those licensed prior to 4/1/99 and can engage in stadium lighting work. **"2U"** given to those licensed after 4/1/99 and cannot engage in stadium lighting work.
- \*\*\*\* **Pressure and Process Piping (1P/2P)**: **"1P"** given to those licensed prior to 4/1/99 and can engage in boiler work; **"2P"** given to those licensed after 4/1/99 and cannot engage in boiler work.

**\*\*\* DOLLAR LIMITATIONS AND NEW WORTH REQUIREMENTS \*\*\***

GENERAL CONTRACTORS				MECHANICAL CONTRACTORS			
Group#	\$ Limit per Contract	Net Worth/ Total Equity	Surety Bond Amount	Group #	\$ Limit per Contract	Net Worth/ Total Equity	Surety Bond Amount
Group #1	\$50,000	\$10,000	\$20,000	Group #1	\$17,500	\$3,500	\$7,000
Group #2	\$200,000	\$40,000	\$80,000	Group #2	\$50,000	\$10,000	\$20,000
Group #3	\$500,000	\$100,000	\$200,000	Group #3	\$100,000	\$20,000	\$40,000
Group #4	\$1,500,000	\$175,000	\$350,000	Group #4	\$200,000	\$40,000	\$80,000
Group #5	\$Unlimited	\$250,000	\$500,000	Group #5	\$Unlimited	\$200,000	\$400,000

Revised 06/2018



# TRANSPORTATION PROGRAM

## *Transmittal*

To: Kevin Sheppard

Date: 5/31/2018

Subject: SCE&G Relocation Utility Agreement SERN

We are forwarding the following items: (x) Enclosed ( ) Under Separate Cover

Quantity	Description
1	Relocation Utility Agreement, Relocation Plans and Prior Right Documentation

These are transmitted as checked below:

- |  |   |
|--|---|
| <input type="checkbox"/> Approved            | <input checked="" type="checkbox"/> For Your Approval |
| <input type="checkbox"/> Approved as Noted   | <input type="checkbox"/> As Requested                 |
| <input type="checkbox"/> No Approved         | <input type="checkbox"/> For Your Use                 |
| <input type="checkbox"/> Revise and Resubmit | <input type="checkbox"/> For Your Files               |

Remarks:

By: Rebecca Connelly



## TRANSPORTATION PROGRAM

July 5, 2018

Dr. John Thompson  
Director of Transportation  
Richland County Government  
P.O. Box 192  
Columbia, South Carolina 29202

Re: Sidewalk Package S-8  
PDT-745-IFB-2018

Dear Dr. Thompson:

A bid opening was held at 2:30 PM on Wednesday, June 27, 2018 at the Richland County Office of Procurement at 2020 Hampton Street for the Sidewalk Package S-8 Project. The Richland Program Development Team has reviewed the two (2) submitted bids for Sidewalk Package S-8 Project. The bids received were as follows.

<b>Sidewalk Package S-8 - BID RESULTS SUMMARY</b>	
<b>BIDDER</b>	<b>SUBMITTED BID</b>
Armstrong Contractors	\$ 172,941.50
Corley Construction Company, LLC	\$ 92,847.00

Further review shows that Corley Construction Company, LLC is duly licensed in South Carolina to perform this work. A copy of their license is attached.

A Pre-Bid Conference was held at 11:00 AM on May 16, 2018 during which attendees gained information and bidding directives for the project. The Sign-In Sheet for the Pre-Bid Meeting is attached indicating interested firms that were in attendance.

Attached is a final bid tab sheet for your reference which indicates the low bid to be 21.07% below the Engineer's Estimate of \$117,639.20 for the project.

Richland PDT recommends that a contract be awarded to the lowest responsive and responsible bidder, Corley Construction Company, LLC. It is further recommended that the approval of the award also include a 10% contingency

of \$9,284.70. We will schedule the pre-construction conference once we have been notified by you that Council has approved the contract.

Sincerely,

RICHLAND PDT, A JOINT VENTURE



Dale Collier  
Procurement Manager  
Richland PDT, A Joint Venture

Cc: Nicole Smith, Richland PDT  
Jennifer Wladischkin, Richland County

**ATTACHMENTS:**

Certified Bid Tab

Bid Form – Corley Construction Company, LLC

Bid Comparison to Engineering Estimate

Pre-Bid Sign In Sheets

Corley Construction Company, LLC License Confirmation





Bids Tabulation

Sales Tax Transportation Improvement Program



2018 SIDEWALK PACKAGE S8 PDT-745-IFB-2018

ITEM #	DESCRIPTION	UNITS	TOTAL PROJECT QUANTITY	Engineer's Estimate		Cofey Construction, LLC		Armstrong Contractors, LLC	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1031000	MOBILIZATION	LS	1.00			\$ 5,000.00	\$ 5,000.00	\$ 25,000.00	\$ 25,000.00
1032010	BONDS AND INSURANCE	LS	1.00			\$ 3,900.00	\$ 3,900.00	\$ 10,000.00	\$ 10,000.00
1050800	CONS. STAKES, LINES AND GRADES	EA	1.00			\$ 4,000.00	\$ 4,000.00	\$ 10,000.00	\$ 10,000.00
1071000	TRAFFIC CONTROL	LS	1.00			\$ 19,000.00	\$ 19,000.00	\$ 12,000.00	\$ 12,000.00
2014000	SELECTED CLEARING AND GRUBBING	LS	1.00			\$ 3,400.00	\$ 3,400.00	\$ 15,000.00	\$ 15,000.00
2023000	REMOVAL AND DISPOSAL OF EXISTING PAVEMENT	SY	63.00			\$ 60.00	\$ 3,780.00	\$ 75.00	\$ 4,725.00
2031200	SITE EXCAVATION	LS	1.00			\$ 20,000.00	\$ 20,000.00	\$ 18,000.00	\$ 18,000.00
3069900	MAINTENANCE STONE	TON	20.00			\$ 30.00	\$ 600.00	\$ 50.00	\$ 1,000.00
6020006	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	SF	248.00			\$ 17.00	\$ 4,216.00	\$ 20.00	\$ 4,960.00
6271015	8" WHITE SOLID LINES - THERMOPLASTIC 125 MIL.	LF	323.00			\$ 6.00	\$ 1,938.00	\$ 12.00	\$ 3,876.00
6271025	24" WHITE SOLID LINES - THERMOPLASTIC 125 MIL.	LF	11.00			\$ 20.00	\$ 220.00	\$ 25.00	\$ 275.00
6319505	REMOVAL OF PAVEMENT MARKINGS	LF	11.00			\$ 25.00	\$ 275.00	\$ 375.00	\$ 4,125.00
7203110	CONCRETE C & G (1'-6") VERTICAL FACE	LF	25.00			\$ 30.00	\$ 750.00	\$ 60.00	\$ 1,500.00
7203210	CONCRETE C & G (2'-0") VERTICAL FACE	LF	25.00			\$ 35.00	\$ 875.00	\$ 90.00	\$ 2,250.00
7204100	CONCRETE SIDEWALK (4" UNIFORM)	SY	263.00			\$ 41.00	\$ 11,693.00	\$ 80.00	\$ 21,040.00
7204900	DETECTABLE WARNING SURFACE	SF	75.00			\$ 16.00	\$ 1,200.00	\$ 35.00	\$ 2,625.00
7205000	CONCRETE DRIVEWAY (6" UNIFORM)	SY	70.00			\$ 15.00	\$ 1,050.00	\$ 80.00	\$ 5,600.00
7209000	PEDESTRIAN RAMP CONSTRUCTION	SY	150.00			\$ 20.00	\$ 3,000.00	\$ 150.00	\$ 22,500.00
8100101	PERMANENT GRASSING FOR SMALL PROJECTS	ACRE	0.20			\$ 20,000.00	\$ 4,000.00	\$ 6,000.00	\$ 1,200.00
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	LF	4.00			\$ 100.00	\$ 400.00	\$ 30.00	\$ 120.00
8153000	SILT FENCE	LF	758.00			\$ 5.00	\$ 3,790.00	\$ 6.00	\$ 4,548.00
8156219	INLET STRUCTURE FILTER - TYPE A	LF	6.50			\$ 100.00	\$ 650.00	\$ 35.00	\$ 297.50
	<b>Total</b>						\$ 117,639.20		\$ 172,941.50



TRANSPORTATION PROGRAM

SIGN IN SHEET

Project: Pre-Bid Meeting for Sidewalk Package S-8  
 Date: May 16, 2018  
 Meeting Time: 11:00 AM

NAME/Business	EMAIL	PHONE
Melissa Watts KC OSBO	watts.melissa@richlandcountysc.gov	803-574-1543
Cheryl Cook	cook.cheryl@richlandcountysc.gov	" " - 1548
Bryant Davis OSBO	davis.bryant@richlandcountysc.gov	803-576-1546
Frank Mitchell - ORION	ORIONMITCH@aol.com	803-622-8695
Mrs. Ellis LLC		803-4098100
Scott Jordan - Armstrong Contractors	scottj@armstrongcontractors.com	803-513-9254
Penny Mayhew - PDT	pmayhew@richlandpenny.com	803-726-3576
Nicole Smith - PDT	nsmith@richlandpenny.com	803-467-2679
Sierra Flynn (Procurement)	flynn.sierra@richlandcountysc.gov	(803) 576-2132
Jennifer Wladischkin Procurement	wladj@richlandcountysc.gov	803-576-2132





TRANSPORTATION PROGRAM

SIGN IN SHEET

Project: Pre-Bid Meeting for Sidewalk Package S-8  
 Date: May 16, 2018  
 Meeting Time: 11:00 AM

NAME/Business	EMAIL	PHONE
LINDERS CONSTRUCTION OF SC LLC	CHARLIE@LINDERS.COM	803.513.7607
TRIPP HUNTER	GERARD@RICHMONDPENNY.COM	803.726.6151
GERARD WALKER RICHMOND PDT	clbeam@richmondpenny.com	803.726.6170
Charles P. Beum Richmond PDT	lbeedy@richmondpenny.com	726-6159
David Beedy - PDT	blong@richmondpenny.com	803-351-5207
Brian King - PDT	scallier@richmondpenny.com	803-917-6258
Dale Collier - PDT		



TRANSPORTATION PROGRAM

SIGN IN SHEET

Project: Pre-Bid Meeting for Sidewalk Package S-8  
 Date: May 16, 2018  
 Meeting Time: 11:00 AM

NAME/Business	EMAIL	PHONE
Corley Construction LLC	Corley Const 889150bell@earthlink.net	(803) 515-293
KTD MASONRY & CONCRETE LLC	ktdmasonryconcrete.com	803-309-0296 or 862-7789
Angela Mathis / UD BASKINS Construction, Inc. LLE Construction Group, LLC	construct@idobaskins.com lles@llesconstruction.com LLE Construction	803.041.4068 or 813.507.7894 803-409-8100

[Print this page](#)

**Board: Commercial Contractors**

**CORLEY CONSTRUCTION CO LLC**  
360 FIRETOWER RD  
IRMO, SC 29063  
(803)781-3127

License number: 103572  
License type: GENERAL CONTRACTOR  
Status: ACTIVE  
Expiration: 10/31/2018  
First Issuance Date: 05/26/2000  
Classification: CT1 MS4 GD4 WL4 WP4  
President / Owner: TODD P CORLEY

[Click here for Classification definitions and licensee's contract dollar limit](#)

Supervised By  
**CORLEY TODD (COG)**

[File a Complaint against this licensee](#)

**Board Public Action History:**

[View Orders](#)

[View Other License for this Person](#)

No Orders Found

## CURRENT CLASSIFICATION ABBREVIATIONS and PROJECT/DOLLAR LIMITATIONS

The two-letters on a license indicates the designated classification(s) of work (i.e. **BD3**); the number behind the letters indicates their designated dollar limit per contract (i.e. **BD3**); see classifications & project/dollar limits below:

GENERAL CONTRACTOR classifications	MECHANICAL CONTRACTOR classifications
Asphalt Paving ..... AP	Air Conditioning ..... AC
Boiler Installation ..... BL	Electrical ..... EL
Boring & Tunneling (no technical exam) ..... BT	Heating ..... HT
Bridges ..... BR	Lightning Protection ..... LP
Building (BD, LB, UB) * ..... BD	Packaged Equipment ..... PK
Concrete ..... CT	Plumbing ..... PB
Concrete Paving ..... CP	Pressure and Process Piping **** ..... 1P/2P
General Roofing ..... GR	Refrigeration ..... RG
Glass & Glazing ..... GG	
Grading ..... GD	
Highway ** ..... HY	
Highway Incidental (no technical exam) ..... HI	
Interior Renovation (no technical exam) ..... IR	
Marine ..... MR	
Masonry (no technical exam) ..... MS	
Pipelines ..... PL	
Pre-Engineered Metal Buildings ..... MB	
Public Electrical Utility *** ..... 1U/2U	
Railroad (no technical exam) ..... RR	
Specialty Roofing ..... SR	
Structural Framing ..... SF	
Structural Shapes (no technical exam) ..... SS	
Swimming Pools ..... SP	
Water & Sewer Lines ..... WL	
Water & Sewer Plants ..... WP	
Wood Frame Structures ..... WF	

- \* **Building (BD):** includes GR, IR, MB, MS, SS, WF.  
 "LB" - qualifier took Limited Building exam - can only apply as Group #1, #2, or #3; cannot work over 3 stories.  
 "UB" - qualifier took Unlimited Building exam.
- \*\* **Highway (HY):** includes AP, CP, BR, GD, HI.
- \*\*\* **Public Electrical Utility (1U/2U):** "1U" given to those licensed prior to 4/1/99 and can engage in stadium lighting work. "2U" given to those licensed after 4/1/99 and cannot engage in stadium lighting work.
- \*\*\*\* **Pressure and Process Piping (1P/2P):** "1P" given to those licensed prior to 4/1/99 and can engage in boiler work; "2P" given to those licensed after 4/1/99 and cannot engage in boiler work.

### \*\*\* DOLLAR LIMITATIONS AND NEW WORTH REQUIREMENTS \*\*\*

GENERAL CONTRACTORS				MECHANICAL CONTRACTORS			
Group#	\$ Limit per Contract	Net Worth/ Total Equity	Surety Bond Amount	Group #	\$ Limit per Contract	Net Worth/ Total Equity	Surety Bond Amount
Group #1	\$50,000	\$10,000	\$20,000	Group #1	\$17,500	\$3,500	\$7,000
Group #2	\$200,000	\$40,000	\$80,000	Group #2	\$50,000	\$10,000	\$20,000
Group #3	\$500,000	\$100,000	\$200,000	Group #3	\$100,000	\$20,000	\$40,000
Group #4	\$1,500,000	\$175,000	\$350,000	Group #4	\$200,000	\$40,000	\$80,000
Group #5	\$Unlimited	\$250,000	\$500,000	Group #5	\$Unlimited	\$200,000	\$400,000

Revised 06/2018



April 27, 2018

Rebecca Connelly, Utility Coordinator  
Richland Penny  
201 Arbor Lake Drive  
Columbia, SC 29223

**Re: Richland County Road Project  
Rabbit Run Connector  
Richland County  
SCE&G OWIP # 27187 (Distribution)**

Dear Rebecca:

Please find enclosed Utility Agreement, estimate, prior rights documentation, and relocation drawings.

Once SCE&G receives the executed Utility Agreement, we can begin relocating our facilities.

If you have questions, or need anything further, please contact me at (803) 217-4733.

Sincerely,

A handwritten signature in black ink that reads "Connie J. Beall".

Connie J. Beall  
Highway Coordinator  
SCE&G – Right of Way  
220 Operations Way (MC: J29)  
Cayce, SC 29033-3701

Project # \_\_\_\_\_ Agreement # \_\_\_\_\_

**UTILITY AGREEMENT**

Richland County Project No. \_\_\_\_\_ Route (or Road No.) Rabbit Run Road

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_, 2018, by and between Richland County, hereinafter called "County" and the South Carolina Electric & Gas hereinafter called "Company".

**W I T N E S S E T H:**

- 1. The Program Development Team, hereinafter called "County Agent", will act on behalf of the County as the County's agent in managing and administering this agreement.
- 2. It is mutually agreed by and between the parties hereto that the Company shall perform or cause to be performed, the following work to its utility property facilities as shown on the attached plans and estimate:  
 General description: SCE&G will relocate electric distribution facilities in conflict with this project. See attached SCE&G relocation drawing for details.
- 3. The Company hereby agrees to relocate its utility facilities in conflict with highway construction in accordance with the provisions set forth in the Federal Highway Administration's FAPG 23 CFR 645A; and also in accordance with Richland County's Utility Coordination Manual in the estimated amount of

\$ 659,560.00

Richland County Share \$ 100% Utility Share \$ 0%

(a) The Company ( does,  does not) have the right of occupancy in its existing location by reason of holding the fee, as easement or other real property interest, the damaging or taking of which is compensable in eminent domain. Upon completion of the relocation and submittal of the final invoice as detailed in Number 10, the Company must provide documentation that the portion of the utility easement acquired by the County on behalf of the County as part of the new right of way acquisition for the construction project has been relinquished. The Company must also supply an affidavit stating all legal documents were filed at the County courthouse where the easement is filed. If the Company does not have the right of occupancy in its existing location by reason of holding the fee, an easement or other real property interest, (Explain) \_\_\_\_\_

Easement for this project is filed in Richland  
(County)  
Columbia, South Carolina  
(City and State)

(b) This section of line (for purposes of establishing right-of-way priorities only) has been in service for approximately 30 years or more.

(c) Such work as is necessary to relocate, alter or maintain the facility will be done in such a manner that it will not in any way interfere with or endanger the safety of the general public in their use of the roads as a highway. Traffic control and signing will be coordinated with the County's contractor and will be in accordance with "The South Carolina Manual on Uniform Traffic Control Devices for Streets and Highways" (SCMUTCD).

- 4. The Company shall begin said work promptly upon notification in writing by the County or County Agent and dispatch to its completion as promptly as is practicable. The Company shall provide advance notice to the County or County Agent of the date on which work is expected to begin.

5. The Company will perform the work provided for in this agreement by the method checked below, in accordance with the provisions of Sec.645.115 of FAPG 23 CFR 645A:

BY COMPANY'S REGULAR FORCES

BY CONTRACT: (State one of recognized reasons for necessity of performing work in this manner)

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The Company, therefore, subject to prior approval, proposes to contract a portion of or all of the work covered by this agreement. The items of work to be accomplished by contract are noted in the estimate. Where the Company elects to solicit competitive bids from a list of qualified contractors rather than through advertising in a publication, the names and addresses of those contractors so circularized shall be noted on the estimate or furnished to the County or County Agent in advance of the Company's solicitation of bids.

BY EXISTING CONTINUING CONTRACT: Subject to prior approval and inspection by the County or County Agent and the prior approval of the contract method by the Federal Highway Administration, the Company proposes to use an existing continuing contract under which it is demonstrated that such work is regularly performed for the Company under such contracts at reasonable costs. The provisions relating to contracts under this paragraph also apply to Contract Engineering.

6. The County will reimburse the utility company for costs incurred in accordance with the agreement as shown and on accurate records supporting all expenditures incurred on account of said work. The method of developing the relocation costs shall be one of the following alternatives.

(a) Actual and related direct costs accumulated in accordance with a work order accounting procedure prescribed by the applicable Federal or State regulatory body.

(b) Unit costs, such as broad gauge units of property, as used in own operations. (This method must have prior approval.)

(c) Lump Sum  
The County may not pay for any item of work not provided for in the plan or in the cost estimate except as modified by the County Engineer or County Agent followed by written notification to the County.

7. All work performed by the Company pursuant hereto, shall be performed according to the plans and estimates approved by the County or County Agent.

8. Attached hereto, and by reference made a part hereof, is one copy of plans and estimates of the work to be performed by the Company showing the existing facilities, permanent changes to be made therein, and the stages by which these changes are to be accomplished.

9. Credits for accrued depreciation (expired service life) and/or betterment of the facility have been allowed as outlined in Sec.645.117(h) of FAPG 23 CFR 645A.

10. Periodic progress billings of incurred costs may be made by the Company to the County through the County Agent not to exceed monthly intervals and amounting to at least \$2500.00; however, total progress billing payments shall not exceed the approved nonbetterment estimated amount.

Upon completion of the work and no later than six months thereafter, the Company shall, at the earliest date practicable, furnish the County or County Agent with five (5) copies of its final and complete billing of all

costs incurred in connection with the work performed hereunder, such statement to follow as closely as possible the order of the items contained in the estimate. The totals for labor, overhead construction cost, travel expense, transportation, equipment, material and supplies, handling cost and other services shall be shown in such a manner as will permit ready comparison with the approved plans and estimates. The utility company shall provide the documents related to relinquishing their rights to the easement acquired by the County or County Agent. Items of materials shall be itemized where they represent major components.

Credit shall be given for usable materials recovered from permanent or temporary installations. The final billing shall show the description and site of the project, the Federal Aid Project Number, the date on which the first work was performed; or, if preliminary engineering or right-of-way items are involved, the date on which the earliest item of billed expense was incurred, the completion date and the location where the records and accounts billed can be audited. The Company shall make adequate reference in the billing to its records, accounts and other documents. Contractors and any subcontractors are to maintain all books, documents, papers, accounting records and other evidence pertaining to costs incurred and to make such materials available at their respective offices at all reasonable times during the contract for inspection by the County, County Agent, Federal Highway Administration or any authorized representatives of the Federal Government and copies thereof shall be furnished if requested.

Final billings of incurred costs submitted by the Company shall carry a statement certifying that all items claimed have been reviewed and are in conformity with the provisions of the agreement; that credits have been given for all salvaged materials as required, and that all contractor's bills incurred have been paid in full. This statement shall be signed by an authorized representative of the Company.

In the event a final and complete billing has not been received by the County or County Agent prior to six months following the completion of work and the Company has not, during that period, demonstrated to the County's or County Agent's satisfaction a hardship in completing that billing, the County may, in its sole discretion, consider the last payment made to be the final payment due under this Agreement. If the utility company is aware they will be unable to provide close-out and final invoicing within the six month period following completion, they may provide a letter requesting additional time to the County for consideration.

11. The County, County Agent, and the Federal Highway Administration shall have the right to inspect recovered materials from the permanent facility prior to disposal by sale or scrap. This requirement will be satisfied by the Company giving notice to the County of the time and place the materials will be available for inspection. This notice is the responsibility of the Company and it may be held accountable for full value of materials disposed of without notice. The County, County Agent, and the Federal Highway Administration shall have the right to inspect all recovered materials, which are not reusable by the Company, for temporary use. The Company shall furnish a listing on final billings of major items not eligible for salvage credit, and reasons therefor.
12. The Company will abide by the contract cost principles as set forth in FAPG 23 CFR 645A.
13. The Company will not participate directly or indirectly in any practice which subjects persons to discrimination because of their race, color, religion, sex or national origin.



Project # \_\_\_\_\_ Agreement # \_\_\_\_\_

**INSTRUCTIONS:** Submit two original copies of the agreement form and six prints of drawings (or one reproducible print) showing present location and proposed location of poles or lines with reference to highway survey stations and centerline.

**COMPANY:** SCE&G  
**ADDRESS** 220 Operation Way (MC: J29)  
Cayce, SC 29033

**BY:** Connie J. Beall (4/27/18) *Connie J. Beall*  
**TITLE:** Highway Coordinator

**RICHLAND COUNTY**

**BY:** \_\_\_\_\_

South Carolina Electric and Gas Company

OWIP Invoice / Estimate

Report Date: 04/19/2018

WO #: 027187

Project Title: RABBIT RUN ROAD DOT PROJECT

Work Request #: 211140

Designer: SHEALY, JUSTIN

Coordinator: SHANNON, D.

Drawing #:

Work Area: METRO COLUMBIA CREW HDQR

Tax District: 401 CCO COLUMBIA

Schedule Start:

Schedule Comp:

Nature of Request: RELOCATE EQUIPMENT TO MAKE ROOM FOR NEW DOT ROAD AND SIDEWALK

<b>Description</b>	<b>Estimated Cost</b>
Material Cost	\$39,057
Line Salvage	\$0
Stores and Handling	\$5,710
Total Construction Labor	\$207,007
Total Labor Overheads	\$93,008
Total Transportation Charges	\$86,943
Administrative Overheads	\$77,835
R/W Clearing	\$100,000
Associated Cost	
TRAFFIC CONTROL	\$50,000
<b>Sub Total</b>	<b>\$659,560</b>
<b>Customer Credit / Betterment</b>	<b>\$0</b>
<b>Total Cost</b>	<b>\$659,560</b>

Approvals \_\_\_\_\_ Date: \_\_\_\_\_  
\_\_\_\_\_

Note: A Copy Of This Document Must Accompany Customers Remittance.

Estimate Date - 2018-04-18

Assessor Data View

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**Owner Information**

Tax Map Number: R21909-06-04

Owner: BARRETT SHANNON R

Address 1: 152 ALEXANDER POINTE DR

Address 2:

Address 3:

City/State/Zip: HOPKINS SC 29061

Property Location/Code: 152 ALEXANDER POINTE

**Tax Information**

Year: 2016

Property Tax Relief: (\$925.00)

Local Option Sales Tax Credit: (\$136.86)

Tax Amount: \$892.10

Paid: Yes

Homestead: No

Assessed: \$3,700.00

**Assessment Information**

Year Of Assessment: 2017

Tax District: 1LR

Acreage Of Parcel: 0.00

Non-Agriculture Value: \$22,000.00

Building Value: \$70,600.00

Taxable Value: \$92,600.00

Zoning: RS-HD SINGLE-FAMILY RESIDENTIAL

Legal Residence: Yes

Sewer Connection: CITY

Water Connection: CITY

Agriculture Value: \$0.00

Improvements: \$0.00

**Property Information**

Legal Description: LOT 4 #SU ALEXANDER POINTE PH 1B  
60.9X190.4X89.2X168.9 #PR RB1127-1797

Land Type: RESIDENTIAL LAND

**Sales History**

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
BARRETT SHANNON R	07/03/2006	I	R1201/ 2094	\$119,900.00	Q
HURRICANE CONSTRUCTION INC	01/05/2006	V	R1139/ 2144	\$90,000.00	9
DDC PROPERTIES INC	03/07/2003		R0766/ 1250	\$0.00	

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**Owner Information**

Tax Map Number: R21909-06-02

Owner: HAMMOND TROY A

Address 1: 144 ALEXANDER POINTE DR

Address 2:

Address 3:

City/State/Zip: HOPKINS SC 29061

Property Location/Code: 144 ALEXANDER POINTE

**Tax Information**

Year: 2016

Property Tax Relief: (\$1,332.50)

Local Option Sales Tax Credit: (\$197.02)

Tax Amount: \$1,175.54

Paid: Yes

Homestead: No

Assessed: \$5,330.00

**Assessment Information**

Year Of Assessment: 2017

Tax District: 1LR

Acreage Of Parcel: 0.00

Non-Agriculture Value: \$22,000.00

Building Value: \$111,300.00

Taxable Value: \$133,300.00

Zoning: RS-HD SINGLE-FAMILY RESIDENTIAL

Legal Residence: Yes

Sewer Connection: CITY

Water Connection: CITY

Agriculture Value: \$0.00

Improvements: \$0.00

**Property Information**

Legal Description: LOT 2 #SU ALEXANDER POINTE PH 1B  
67.7X160.3X73.4X160 #PR RB1127-1797

Land Type: RESIDENTIAL LAND

**Sales History**

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
HAMMOND TROY A	06/26/2006	I	R1198/ 1032	\$149,900.00	Q
HURRICANE CONSTRUCTION INC	01/05/2006	V	R1139/ 2144	\$90,000.00	9
DDC PROPERTIES INC	03/07/2003		R0766/ 1250	\$0.00	

044438

INDENTURE, made this 8th day of April, 2005 by and between DDC Properties, Inc. of the County of Richland and State of South Carolina, hereinafter called "Grantor" (whether singular or plural), and the SOUTH CAROLINA ELECTRIC & GAS COMPANY, a South Carolina corporation, having its principal office in Columbia, South Carolina, hereinafter called "Grantee".  
WITNESSETH:

That, in consideration of the sum of One Dollar (\$1.00) received from Grantee, Grantor, owning a tract or development known as Alexander Points situate in the County of Richland, State of South Carolina, shown on a certain plat or various plats filed or to be filed in the office of the public records of said County and generally described as follows: Being a tract or lot of land, more or less, and being the same lands conveyed to Grantor by deed of Tresholt Building Company, dated March 7, 2003, and recorded in the R. M. C. / Clerk of Court's office for Richland County in Deed Book 766 at Page 1250.

Right of Way granted to SCE&G to serve Alexander Points as requested by Grantor and more fully shown on SCE&G Drawing No. D-75484. Drawings for future phases shall be approved by Grantor.

TMS: 21900-04-26

The Grantor hereby grants and conveys to Grantee, its successors and assigns, the right, privilege and authority, from time to time, to enter upon, construct, extend, inspect, operate, replace, relocate, repair and perpetually maintain upon, over, under, along, across, and through any and all property shown on the plat of land referred to above, and upon, over, under, along, across, and through any and all streets, alleys, roads or other public ways or places of said development now existing or hereafter laid out, various overhead and underground lines with such wires, cross arms, guy wires, push braces, underground cables, conduits, transformer pads and other usual fixtures and appurtenances as may from time to time be or become convenient to the transaction of its business or that of municipal, public, or private systems for the communication of intelligence, together with the right of ingress, egress, and access to and from such rights of way, across and upon the lands of Grantor, as may be necessary or convenient for the purposes connected therewith.

Together with the right, from time to time, to install guy wires upon lots in said development, to overhang lots with conductors, cross arms and service wires with the right (but not the obligation) from time to time to trim, cut or remove trees, underbrush and other obstructions that are within, over, under or through a strip of land extending Five (5) for Underground and Ten (10) for Overhead feet on each side of the center of any wires, cables, conduits, or pipes and within, over, under or through a section of land extending Twelve (12) feet on each side of any transformers, elbow cabinets, handholes, switchgears, or other devices as they may be located now or in the future; provided, however, any damage to the property of Grantor (other than that caused by trimming, cutting, or removing) caused by Grantee in maintaining or repairing said lines, shall be borne by Grantee; provided further, however, that Grantors agree for themselves, their successors and assigns, not to build or allow any structure to be placed on the premises in such a manner that any part thereof will exist within the above specified number of feet of any wire strung on the said lines or over any such cables, conduits or other associated facilities, and in case such structure is built, then Grantor, or such successor and assign as may be in possession and control of the premises at the time, will promptly remove the same upon demand of Grantee herein. Grantor further agrees to maintain minimum ground coverage of thirty six (36) inches and maximum ground coverage of fifty four (54) inches over all underground primary electric lines.

The words "Grantor" and "Grantee" shall include their heirs, executors, administrators, successors and assigns, as the case may be.

IN WITNESS WHEREOF, Grantor has caused this Indenture to be duly executed the day and year first above written.

WITNESS:

*[Handwritten signature]*  
\_\_\_\_\_  
*[Handwritten signature]*  
\_\_\_\_\_

DDC Properties, Inc.

*[Handwritten signature]* (SEAL)

By: Brian T. Davis  
Title: President

\_\_\_\_\_ (SEAL)

Book 04050-3315 Right of Way  
2005-04-28 11:05 AM  
Fee: \$10.00 County Tax: 10.00 State Tax: 50.00




RW-5-E-8C (Rev. 11-04)

04436

STATE OF SOUTH CAROLINA )  
 )  
County of Richland )

Personally appeared before me the undersigned witness, and made oath that (s)he saw the within named DDC Properties, Inc. by the hand of Brian T. Davis sign, seal and as its act and deed deliver the within easement for the uses and purposes therein mentioned, and that (s)he with the other subscribing witness, witnessed the due execution thereof.

  
(Witness)

Sworn to before me this 2<sup>nd</sup> day of

April A.D., 2005.

Patricia P. Jones (L.S.)  
Notary Public for South Carolina

My Commission Expires 10/18/2007

**RIGHT-OF-WAY GRANT TO  
SOUTH CAROLINA ELECTRIC & GAS COMPANY**

Line: Alexander Pointe

County: Richland

R/W File Number: 10940

Grantor(s): DDC Properties, Inc.

Return to: SCE&G  
Palmetto Center  
Paulette Ritter-60G  
Columbia, SC 29218

I hereby certify that the within easement has been this  
day of \_\_\_\_\_ A.D., 20\_\_\_\_  
at \_\_\_\_\_ o'clock in the \_\_\_\_\_ M. recorded in  
Book \_\_\_\_\_ of Deeds/Records, Page \_\_\_\_\_

\_\_\_\_\_  
(Register of Deeds or Clerk of Court)

tract 25

Assessor Data View

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**Owner Information**

Tax Map Number: R21909-06-05

Owner: WILLIAMS SHALLA D

Address 1: 156 ALEXANDER POINTE DR

Address 2:

Address 3:

City/State/Zip: HOPKINS SC 29061

Property Location/Code: 156 ALEXANDER POINTE ✓

Easement No.  
082560  
(2011)  
File 17446  
↓  
Alexander Pointe

**Tax Information**

Year: 2016

Property Tax Relief: (\$895.00)

Local Option Sales Tax Credit: (\$132.13)

Tax Amount: \$871.53

Paid: Yes

Homestead: No

Assessed: \$3,580.00

**Assessment Information**

Year Of Assessment: 2017

Tax District: 1LR

Acreage Of Parcel: 0.00

Non-Agriculture Value: \$22,000.00

Building Value: \$67,400.00

Taxable Value: \$89,400.00

Zoning: RS-HD SINGLE-FAMILY RESIDENTIAL

Legal Residence: Yes

Sewer Connection: CITY

Water Connection: CITY

Agriculture Value: \$0.00

Improvements: \$0.00

**Property Information**

Legal Description: LOT 5 #SU ALEXANDER POINTE PH 1B  
60.9X222X96X190.4 #PR RB1127-1797

Land Type: RESIDENTIAL LAND

**Sales History**

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
WILLIAMS SHALLA D	07/03/2008	I	R1443/ 3910	\$111,755.00	A
WILLIAMS SHALLA D &	05/17/2006	I	R1184/ 449	\$114,900.00	Q
HURRICANE CONSTRUCTION INC	12/30/2005	V	R1137/ 926	\$72,000.00	9
DDC PROPERTIES INC	03/07/2003		R0766/ 1250	\$0.00	

082560

INDENTURE, made this 7th day of October, 2011 by and between Shalla D. Williams of the County of Richland and State of South Carolina, hereinafter called "Grantor" (whether singular or plural), and the SOUTH CAROLINA ELECTRIC & GAS COMPANY, a South Carolina corporation, having its principal office in Cayce, South Carolina, hereinafter called "Grantee".

WITNESSETH:

That, in consideration of the sum of One Dollar (\$1.00) received from Grantee, Grantor, being the owner of land situate in the County of Richland, State of South Carolina, hereby grants and conveys to Grantee, its successors and assigns, the right to construct, extend, replace, relocate, perpetually maintain and operate an overhead or underground electric line or lines consisting of any or all of the following: poles, conductors, lightning protective wires, municipal, public or private communication lines, cables, conduits, pad mounted transformers, guys, pull braces and other accessory apparatus and equipment deemed by Grantee to be necessary or desirable, upon, over, across, through and under land described as follows: a tract or lot of land, more or less, and being the same lands conveyed to Grantor by deed of Shalla D. Williams and James A. Hayes, dated or recorded 7/3/2008, and filed in the Register of Deeds office for Richland County in Deed Book 1443 at Page 3910.

Right of Way granted to SCE&G for relocation of down guys and anchors as shown on Exhibit A.

FMS: 21909-06-05

COM:

Together with the right from time to time to install on said line such additional lines, apparatus and equipment as Grantee may deem necessary or desirable and the right to remove said line or any part thereof. Together also with the right (but not the obligation) from time to time to trim, cut or remove trees, underbrush and other obstructions that are within, over, under or through a strip of land ("Easement Space") extending Fifteen (15) feet on each side of any pole-lines or other devices as they are installed; provided, however, any damage to the property of Grantor (other than that caused by trimming, cutting or removing) caused by Grantee in maintaining or repairing said lines, shall be borne by Grantee; provided further, however, that Grantors agree for themselves, their successors and assigns, not to build or allow any structure to be placed on the premises in such a manner that any part thereof will exist within the applicable above specified Easement Space, and in case such structure is built, then Grantor, or such successors and assigns as may be in possession and control of the premises at the time, will promptly remove the same upon demand of Grantee herein. Grantor further agrees to maintain minimum ground coverage of thirty six (36) inches and maximum ground coverage of fifty four (54) inches over all underground primary electric lines. Together also with the right of entry upon said lands of Grantor for all of the purposes aforesaid.

The words "Grantor" and "Grantee" shall include their heirs, executors, administrators, successors and assigns, as the case may be.

IN WITNESS WHEREOF, Grantor has caused this indenture to be duly executed the day and year first above written.

WITNESS:

The (

oban:

[Signature]

1st Witness

the (

fract:

fract:

grout:

[Signature]

2nd Witness

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[Signature] (SEAL)  
Shalla D. Williams

\_\_\_\_\_  
(SEAL)

Book 1714-7  
2011060608 20110721 1321 02 753 Right of Way  
Fee: \$10.00 County Tax: \$0.00 State Tax: \$0.00  
2011060608 John T. Henshall Richland County S.C.

RW-4-ESC (Rev. 4-2010)



082560

ACKNOWLEDGMENT

STATE OF SOUTH CAROLINA )  
COUNTY OF Richland )

The foregoing instrument was acknowledged before me, the undersigned Notary, and I do hereby certify that the within named Shaila D. Williams personally appeared before me this day and that the above named acknowledged the due execution of the foregoing instrument.

Sworn to before me this 7<sup>th</sup> day of October, 2011

[Signature]  
Signature of Notary Public State of SC

My commission expires: 12/20/20

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the  
ack

RIGHT OF WAY GRANT TO  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

Site:  
156 Alexander Pointe Anchors

County: Richland

R/W File Number: 17446

Grantor(s): Shaila D. Williams

Return to: SCE&G  
Paulette T. Ritter - J29  
Columbia, SC 29218

RW-4-B-SC (Rev. 4-2010)



Tract 10C 1102

Assessor Data View

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Owner Information

Tax Map Number: R21900-04-26

Owner: DDC PROPERTIES INC\*

Address 1: PO BOX 23327

Address 2:

Address 3:

City/State/Zip: COLUMBIA SC 29224

Property Location/Code: B/S RABBIT RUN

Trenholm Building Co.  
1991

Easement No.  
038210

Tax Information

Year: 2016

Property Tax Relief: \$0.00

Local Option Sales Tax Credit: (\$16.55)

Tax Amount: \$190.81

Paid: Yes

Homestead: No

Assessed: \$450.00

Assessment Information

Year Of Assessment: 2017

Tax District: 1LR

Acreage Of Parcel: 74.02

Non-Agriculture Value: \$333,100.00

Building Value: \$0.00

Taxable Value: \$10,100.00

Zoning: RS-HD SINGLE-FAMILY RESIDENTIAL

Legal Residence: No

Sewer Connection: NONE

Water Connection: NONE

Agriculture Value: \$10,100.00

Improvements: \$0.00

Property Information

Legal Description: PARCELS A,B,C & D

Land Type: TIMBER LAND-T1

#SU

#PR

Sales History

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
DDC PROPERTIES INC*	03/07/2003	V	R0766/ 1250	\$1,000,404.00	9
TRENHOLM BUILDING COMPANY	00/00/1960		287 / 521	\$0.00	

MICROFILMED

VOL D1035 PAGE 070

038210

INDENTURE, made this 10<sup>th</sup> day of APRIL, 1991, by and between Trenholm Building Company

of the \_\_\_\_\_ of \_\_\_\_\_ County of Richland and State of South Carolina (hereinafter called Grantors), and the SOUTH CAROLINA ELECTRIC & GAS COMPANY, a South Carolina corporation, having its principal offices in Columbia, South Carolina (hereinafter called Grantee).

WITNESSETH:

That, in consideration of the sum of One Dollar (\$1.00) received from Grantee, Grantors, being the owners of land situate in the County of Richland State of South Carolina, hereby grant and convey to Grantee, its successors and assigns, the right to construct, extend, replace, relocate, perpetually maintain and operate an electric line or lines consisting of any or all of the following: poles, conductors, overhead and underground lightning protective wires, municipal, public, or private communication wires, underground cables, conduits, transformer pads, guys, push braces and other accessory apparatus and equipment deemed by Grantee to be necessary therefor, upon, over, across, through, and under land described as follows: a tract or lot of land containing 61.7 acres, more or less, and being the same lands conveyed to grantor by deed or will of Russell B. & Leila Mae Revere dated April 9, 1965, and recorded in the R. M. C. Probate Judge's Office for Richland County in Deed Book: D-007, at Page 406. Plat Book: "V", at Page 168.

Easement for the relocation of service facilities along Rabbit Run Road, shown more fully on South Carolina Electric & Gas Company Drawing No. D-32,849; Sheet 2 of 2.



FILED  
DEPT. OF REVENUE  
RICHLAND COUNTY  
JAN - 8 PM 2:58

TMS: 21900-04-07

Together with the right from time to time to install on said line such additional lines, apparatus and equipment as Grantee may deem necessary or desirable and the right to remove said line or any part thereof.

Together also with the right to lay, construct, maintain, operate, repair, alter, replace and remove pipe lines, together with valves, tieovers and appurtenant facilities for the transportation of gas, oil petroleum products or any other liquids, gases or substances which can be transported through a pipe line.

Together also with the right from time to time to trim, cut or remove trees, underbrush and other obstructions that are within, over, under or through a strip of land extending ten (10) feet on each side of the center of said lines, cables, conduits, or pipes as they may be located now or in the future; provided, however, any damage to the property of Grantors (other than that caused by trimming, cutting or removing) caused by Grantee in maintaining or repairing said lines, shall be borne by Grantee; provided further, however that Grantors agree for themselves, their successors and assigns, not to build or allow any structure to be placed on the premises in such a manner that any part thereof will exist within the above specified number of feet of any wire strung on the said lines or over any such cables, pipes, conduits, or other associated facilities, and in case such structure is built, then the Grantor, or such successor and assign as may be in possession and control of the premises at the time, will promptly remove the same upon demand of the Grantee herein. Together also with the right of entry upon Grantors' said lands for all of the purposes aforesaid.

Grantee's rights shall be subject to the lien of the mortgage indenture dated January 1, 1945 and supplements thereto, entered into between Grantee and Central Hanover Bank and Trust Company (now Manufacturers Hanover Trust Company) which mortgage indenture is recorded in the office of the R. M. C. or Clerk of Court in the County and State aforesaid.

The words "Grantors" and "Grantee" shall include their heirs, executors, administrators, successors and assigns, as the case may be.

IN WITNESS WHEREOF, Grantors have caused this indenture to be duly executed the day and year first above written.

WITNESS:

Kristine Smith  
Edward Stevan

Trenholm Building Company (SEAL)

by: Shawn M. Selby - Treasurer (SEAL)

\_\_\_\_\_ (SEAL)

\_\_\_\_\_ (SEAL)

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VOL D1035 PAGE 071

038210

STATE OF SOUTH CAROLINA,

County of \_\_\_\_\_

Personally appeared before me \_\_\_\_\_ and made oath that he saw the within named \_\_\_\_\_ sign, seal and as his act and deed deliver the within easement for the uses and purposes therein mentioned, and that he with \_\_\_\_\_ in the presence of each other, witnessed the due execution thereof.

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ A. D. 19 \_\_\_\_\_

Notary Public for S. C.

STATE OF SOUTH CAROLINA,

County of \_\_\_\_\_

Personally appeared before me \_\_\_\_\_ and made oath that he saw the within named \_\_\_\_\_ sign, seal and as his act and deed deliver the within easement for the uses and purposes therein mentioned, and that he with \_\_\_\_\_ in the presence of each other, witnessed the due execution thereof.

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ A. D. 19 \_\_\_\_\_

Notary Public for S. C.

STATE OF SOUTH CAROLINA,

RICHLAND County.

Personally appeared before me KRISTINE SMITH and made oath that SHE saw the within named Trenholm Building Company by the hand of GLENN N. GEDWAS, Treasurer sign, affix the corporate seal, and as the act and deed of said corporation deliver the within written instrument for the uses and purposes therein mentioned, and that SHE with T. EDWARD STEVENS witnessed the execution thereof and subscribed their names as witnesses thereto.

Sworn to and subscribed before me this 10<sup>th</sup> day of APRIL A. D. 1991

Kristine Smith

Comm. Exp: 8-28-96

Notary Public for S. C. VOL D1035 PAGE 071

Line 1488 RICHLAND SUB FEES  
County Richland  
**RIGHT OF WAY GRANT**  
RAW File No. 2425 Block No. YES  
Trenholm Building Company  
by: GLENN N. GEDWAS,  
Treasurer

TO  
**South Carolina Electric & Gas Company**

Dated April 10, 1991

Received in the Clerk's Office of the County of Richland

South Carolina on the 3 day of June A. D. 1991

at 2:58 o'clock in the noon and recorded in Book D1035 of Deeds

for said County on Page 70  
Clara J. Barbluff

OPTICAL FILING SYSTEM (OFS)  
SCANNED DOCUMENT

Assessor Data View

The information provided on this page reflects data as of December 31, 2016 and should be used for reference only. For official assessment information, please contact the Richland County Assessor's Office.

Information presented on the Assessor's Database is collected, organized and provided for the convenience of the user and is intended solely for informational purposes. **ANY USER THEREOF OR RELIANCE THEREON IS AT THE SOLE DISCRETION, RISK AND RESPONSIBILITY OF THE USER.** While every attempt is made to provide information that is accurate at the date of publication, portions of such information may be incorrect or not current. **RICHLAND COUNTY HEREBY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, AS TO ITS ACCURACY, COMPLETENESS OR FITNESS FOR ANY PARTICULAR PURPOSE.** All official records of the County and the countywide elected officials are on file in their respective offices and may be viewed by the public at those offices.

**Owner Information**

Tax Map Number:

Owner:

Address 1:

Address 2:

Address 3:

City/State/Zip:

Property Location/Code:

File 2425  
1991

**Tax Information**

Year:

Property Tax Relief:

Local Option Sales Tax Credit:

Tax Amount:

Paid:

Homestead:

Assessed:

**Assessment Information**

Year Of Assessment:

Tax District:

Acreage Of Parcel:

Non-Agriculture Value:

Building Value:

Taxable Value:

Zoning:

Legal Residence:

Sewer Connection:

Water Connection:

Agriculture Value:

Improvements:

**Property Information**

Legal Description:

Land Type:

**Sales History**

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
BUNCH GEORGE H III ETAL	02/16/2012	V	R1742/ 2828	\$0.00	9
BUNCH GEORGE H III ETAL	08/15/2007	V	R1347/ 2881	\$15,000.00	9
BUNCH ROBERT H TRUSTEE	03/30/2005	V	R1037/ 3518	\$5.00	9
BUNCH ROBERT H TRUSTEE	12/19/2003	V	R0887/ 888	\$5.00	9

VOL D1035 PAGE 078 **RECORDED** **038214**

INDENTURE, made this 24th day of May, 1991 by and between George H. Bunch, Jr., George H. Bunch, III, Ansel C. Bunch, Robert H. Bunch and William A. Bunch

of the \_\_\_\_\_ of \_\_\_\_\_ County of Richland and State of South Carolina (hereinafter called Grantors), and the SOUTH CAROLINA ELECTRIC & GAS COMPANY, a South Carolina corporation, having its principal office in Columbia, South Carolina (hereinafter called Grantee).

WITNESSETH:

That, in consideration of the sum of One Dollar (\$1.00) received from Grantee. Grantors, being the owners of and situate in the County of Richland State of South Carolina, hereby grant and convey to Grantee, its successors and assigns, the right to construct, extend, replace, relocate, perpetually maintain and operate an electric line or lines consisting of any or all of the following: poles, conductors, overhead and underground lightning protective wires, municipal, public, or private communication wires, underground cables, conduits, transformer pads, guys, push braces and other accessory apparatus and equipment deemed by Grantee to be necessary therefor, upon, over, across, through, and under land described as follows: a tract or lot of land containing 200 acres, more or less, and being the same lands conveyed to grantor by deed or will of

See Addendum "A" dated See Addendum "A" and

recorded in the R. M. C. Probate Judge's Office for Richland County in Plat book: "C" at page 052.

Right-of-way to enter Grantor's property from an existing right-of-way on Grantors' southern property boundary. Distribution Line Easement to thence continue in a northerly direction twenty-six (26) feet off Grantors' western property boundary, one (1) foot outside the eastern right-of-way of Garners' Ferry Point Road, until it shall enter the right-of-way of Rabbit Run Road. This easement shall cancel, supercede and abandon distribution line running northerly through Grantors' property granted by easement of George H. Bunch, Sr., January 29, 1940, and recorded in Deed Book: ER at page 340. Grantee agrees to remove tags and abandon old line in place at the request of the Grantors and agree to relocation and pole, guy or anchor on new line at Grantors' request to accomodate development or subdivision of Grantors' property, provided suitable right-of-way is granted to Grantee by Grantors. This easement will permit the installation of four (4) guys and anchors on Grantors' southern property boundary approximately twenty-five (25) feet to the west of anchors installed in easement recorded in Deed Book D-336 at page 632.



TMS: 21800-01-006

Together with the right from time to time to install on said line such additional lines, apparatus and equipment as Grantee may deem necessary or desirable and the right to remove said line or any part thereof.

Together also with the right to lay, construct, maintain, operate, repair, alter, replace and remove pipe lines, together with valves, tieovers and appurtenant facilities for the transportation of gas, oil petroleum products or any other liquids, gases or substances which can be transported through a pipe line.

Together also with the right from time to time to trim, cut or remove trees, underbrush and other obstructions that are within, over, under or through a strip of land extending ten (10) feet on each side of the center of said lines, cables, conduits, or pipes as they may be located now or in the future; provided, however, any damage to the property of Grantors (other than that caused by trimming, cutting or removing) caused by Grantee in maintaining or repairing said lines, shall be borne by Grantee; provided further, however that Grantors agree for themselves, their successors and assigns, not to build or allow any structure to be placed on the premises in such a manner that any part thereof will exist within the above specified number of feet of any wire strung on the said lines or over any such cables, pipes, conduits, or other associated facilities, and in case such structure is built, then the Grantor, or such successor and assign as may be in possession and control of the premises at the time, will promptly remove the same upon demand of the Grantee herein. Together also with the right of entry upon Grantors' said lands for all of the purposes aforesaid.

Grantee's rights shall be subject to the lien of the mortgage indenture dated January 1, 1945 and supplements thereto, entered into between Grantee and Central Hanover Bank and Trust Company (now Manufacturers Hanover Trust Company) which mortgage indenture is recorded in the office of the R. M. C. or Clerk of-Court in the County and State aforesaid.

The words "Grantors" and "Grantee" shall include their heirs, executors, administrators, successors and assigns, as the case may be.

IN WITNESS WHEREOF, Grantors have caused this indenture to be duly executed the day and year first above written.

WITNESS:

Carrie A. Dean  
[Signature]

[Signature] (SEAL)  
George H. Bunch, III (SEAL)  
[Signature] (SEAL)  
[Signature] (SEAL)  
[Signature] (SEAL)

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STATE OF SOUTH CAROLINA,

County of Richland

} VOL. D1035 PAGE 080  
Patrol A - Book 038214

Personally appeared before me \_\_\_\_\_  
and made oath that he saw the within named George H. Bunch, Sr., George H. Bunch, III, Ansel C. Bunch, Robert H. Bunch and William A. Bunch sign, seal and

as his act and deed deliver the within easement for the uses and purposes therein mentioned, and that he with ELIZABETH HOWELL in the presence of each other, witnessed the due execution thereof.

Sworn to before me this 24th day of May A. D. 1991

\_\_\_\_\_  
Notary Public for S. C.  
Commission Expires June 9, 1998

Patricia A. Brown

STATE OF SOUTH CAROLINA,

County of \_\_\_\_\_

Personally appeared before me \_\_\_\_\_  
and made oath that he saw the within named \_\_\_\_\_ sign, seal and

as his act and deed deliver the within easement for the uses and purposes therein mentioned, and that he with \_\_\_\_\_ in the presence of each other, witnessed the due execution thereof.

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ A. D. 19\_\_\_\_

\_\_\_\_\_  
Notary Public for S. C.

STATE OF SOUTH CAROLINA,

County of \_\_\_\_\_

Personally appeared before me \_\_\_\_\_  
and made oath that \_\_\_\_\_ saw the within named \_\_\_\_\_ sign, affix the

by the hand of \_\_\_\_\_ corporate seal, and as the act and deed of said corporation deliver the within written instrument for the uses and purposes therein mentioned, and that \_\_\_\_\_ with \_\_\_\_\_ witnessed the execution thereof and

subscribed \_\_\_\_\_ names as witnesses thereto.

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ A. D. 19\_\_\_\_

\_\_\_\_\_  
(L. S.)  
Notary Public for S. C.

Line Lower Richland Sub Feeders  
County Richland  
**RIGHT OF WAY GRANT**  
R/W File No. 2425 Block No. TES  
George H. Bunch, Sr., George H. Bunch, III, Ansel C. Bunch, Robert H. Bunch and William A. Bunch

TO  
**South Carolina Electric & Gas Company**

Dated May 24, 1991

Received in the Clerk's Office of the County of Richland South Carolina, on the 3 day of June 1991 at 2:58 o'clock in the PM and recorded in Book D1035 of Deeds

VOL. D1035 PAGE 080

for said County on Page 78  
Lana R. Bartlett



MICROFILMED

VOL D1035 PAGE 079

038214

ADDENDUM "A"

All that certain piece and parcel of land, with improvements thereof, situate and being on Garner's Ferry Road (U.S. Highway Nos. 76 and 378), about ten (10) miles east of Columbia, South Carolina, in Center Township, Richland County, containing approximately two hundred (200) acres, being the same property composed of the interest in said property inherited by George H. Bunch, Jr., from the Estate of George H. Bunch on March 6, 1950, Box 716, Package 16,039, Probate Court, Richland County, as well as the interest in said property, conveyed to George H. Bunch, Jr., by Fredree Ansel Bunch, Claiborne Bunch Good, and Elizabeth Bunch Clements by their Deed dated July 20, 1951, and recorded in the Office of the RMC for Richland County in Deed Book 77 at Page 32, and the interest in said property conveyed to George H. Bunch, Jr., by Nancy R. Bunch May 25, 1985, in Deed Book D-742 at Page 858.

Additionally, the interest in said property conveyed to George H. Bunch III, Ansel C. Bunch, Robert H. Bunch, and William A. Bunch by George H. Bunch, Jr., in the following Deed Books:

- D-486/730 dated December 23, 1978
- D-486/733 dated December 23, 1978
- D-486/736 dated December 23, 1978
- D-486/739 dated December 23, 1978

- D-492/193 dated February 23, 1979
- D-492/196 dated February 23, 1979
- D-492/199 dated February 23, 1979
- D-492/202 dated February 23, 1979

- D-563/710 dated January 7, 1981
- D-563/713 dated January 7, 1981

- D-642/415 dated April 4, 1983

- D-854/874 dated August 20, 1987
- D-854/877 dated August 20, 1987

- D-911/953 dated November 9, 1988

- D-947/345 dated August 23, 1989

- D-949/877 dated September 13, 1989

- D-966/768 dated February 6, 1990
- D-966/771 dated February 6, 1990
- D-966/774 dated February 6, 1990
- D-966/777 dated February 6, 1990
- D-966/780 dated February 6, 1990

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Tract 9

Assessor Data View

The information provided on this page reflects data as of December 31, 2016 and should be used for reference only. For official assessment information, please contact the Richland County Assessor's Office.

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**Owner Information**

Tax Map Number:

Owner:

Address 1:

Address 2:

Address 3:

City/State/Zip:

Property Location/Code:

**Tax Information**

Year:

Property Tax Relief:

Local Option Sales Tax Credit:

Tax Amount:

Paid:

Homestead:

Assessed:

**Assessment Information**

Year Of Assessment:  Legal Residence:

Tax District:  Sewer Connection:

Acreage Of Parcel:  Water Connection:

Non-Agriculture Value:  Agriculture Value:

Building Value:  Improvements:

Taxable Value:

Zoning:

**Property Information**

Legal Description:

Land Type:

**Sales History**

Current Owner Name	Sale Date	V/I	Book/Page	Sale Price	Qual Code
RICHLAND COUNTY RECREATION	01/15/2009	V	R1487/ 1861	\$0.00	9
RICHLAND COUNTY RECREATION	01/14/2009	V	R1487/ 1857	\$1,600,000.00	9
BARNSTORMERS LLC	04/28/2006	V	R1177/ 1357	\$405,450.00	Q
DESCHAMPS MARY S	07/19/2000		R0427/ 1725	\$0.00	

Tract 13

Assessor Data View

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**Owner Information**

Tax Map Number:

Owner:

Address 1:

Address 2:

Address 3:

City/State/Zip:

Property Location/Code:

**Tax Information**

Year:

Property Tax Relief:

Local Option Sales Tax Credit:

Tax Amount:

Paid:

Homestead:

Assessed:

**Assessment Information**

Year Of Assessment:

Tax District:

Acreage Of Parcel:

Non-Agriculture Value:

Building Value:

Taxable Value:

Zoning:

Legal Residence:

Sewer Connection:

Water Connection:

Agriculture Value:

Improvements:

**Property Information**

Legal Description:

Land Type:

**Sales History**

Current Owner Name	Sale Date	V/I	Book/ Page	Sale Price	Qual Code
WILLIAMS EBONY J	05/17/2011	I	R1683/ 3477	\$110,000.00	A
FEDERAL HOME LOAN MORTGAGE	03/07/2011	I	R1670/ 707	\$104,000.00	6
TAYLOR MARGAREE &	08/23/2010	I	R1626/ 2813	\$145,800.00	A
ROBINSON VALERIA D	05/04/2007	I	R1310/ 759	\$145,800.00	Q



ROAD 2-51

SOUTH CAROLINA  
STATE HIGHWAY DEPARTMENT  
COLUMBIA

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

DOCKET NO 40,299 Rmk 1,2,3,4,5 & 6  
ROADS 97, 98, 99 & 60  
RICHLAND COUNTY

## INDEX OF SHEETS

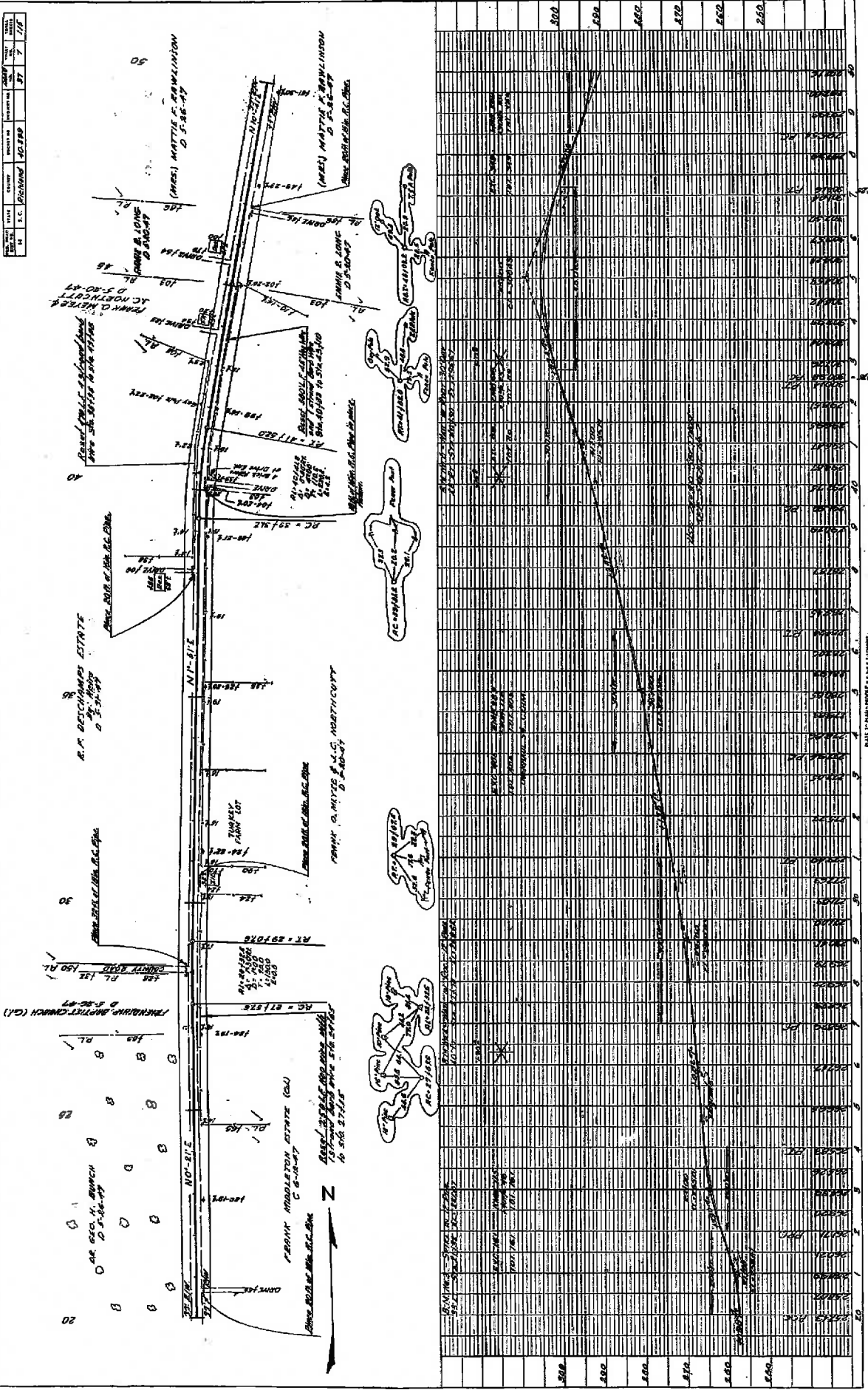
- Sheet No. 1 7706, 5248
- 1A Heavy flow
- 1B Light flow
- 2 Ground Surface of Improvement
- 3 Structure Type Information
- 4 Specifications (Standard)
- 5 Drop Aids (See 7706)
- 6-12 Plan of Profile - 5th of 1st 4.38, 7th of 1st - Part 1, 8, 17, 26, 35, 44, 53, 62, 71, 80, 89, 98, 107, 116, 125, 134, 143, 152, 161, 170, 179, 188, 197, 206, 215, 224, 233, 242, 251, 260, 269, 278, 287, 296, 305, 314, 323, 332, 341, 350, 359, 368, 377, 386, 395, 404, 413, 422, 431, 440, 449, 458, 467, 476, 485, 494, 503, 512, 521, 530, 539, 548, 557, 566, 575, 584, 593, 602, 611, 620, 629, 638, 647, 656, 665, 674, 683, 692, 701, 710, 719, 728, 737, 746, 755, 764, 773, 782, 791, 800, 809, 818, 827, 836, 845, 854, 863, 872, 881, 890, 899, 908, 917, 926, 935, 944, 953, 962, 971, 980, 989, 998, 1007, 1016, 1025, 1034, 1043, 1052, 1061, 1070, 1079, 1088, 1097, 1106, 1115
- 115 Foundation Details for Box Culvert - 5th, 3rd, 1st, 2nd, 4th, 6th, 8th, 10th

SUMMARY OF ESTIMATED QUANTITIES

Item	Unit	Quantity	Unit Price	Total
<b>BARTHWORK</b>				
Clearing and Grading within Right-of-Way	Sq. Yds.	1,234,567	1.25	1,543,210
Clearing and Grading of Drains and Material Fill	Sq. Yds.	567,890	1.50	851,835
Underdrains	Linear Ft.	12,345	10.00	123,450
Shoulder Material for Structures	Cu. Yds.	345,678	1.00	345,678
<b>BASE COURSE</b>				
Base Type Base Course (2 1/2" Min.)	Sq. Yds.	1,234,567	1.50	1,851,850
Subgrade, 4" to 6" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 6" to 8" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 8" to 10" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 10" to 12" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 12" to 14" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 14" to 16" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 16" to 18" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 18" to 20" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 20" to 22" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 22" to 24" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 24" to 26" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 26" to 28" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 28" to 30" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 30" to 32" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 32" to 34" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 34" to 36" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 36" to 38" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 38" to 40" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 40" to 42" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 42" to 44" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 44" to 46" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 46" to 48" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 48" to 50" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 50" to 52" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 52" to 54" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 54" to 56" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 56" to 58" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 58" to 60" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 60" to 62" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 62" to 64" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 64" to 66" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 66" to 68" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 68" to 70" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 70" to 72" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 72" to 74" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 74" to 76" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 76" to 78" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 78" to 80" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 80" to 82" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 82" to 84" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 84" to 86" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 86" to 88" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 88" to 90" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 90" to 92" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 92" to 94" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 94" to 96" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 96" to 98" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 98" to 100" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 100" to 102" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 102" to 104" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 104" to 106" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 106" to 108" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 108" to 110" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 110" to 112" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 112" to 114" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 114" to 116" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 116" to 118" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 118" to 120" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 120" to 122" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 122" to 124" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 124" to 126" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 126" to 128" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 128" to 130" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 130" to 132" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 132" to 134" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 134" to 136" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 136" to 138" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 138" to 140" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 140" to 142" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 142" to 144" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 144" to 146" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 146" to 148" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 148" to 150" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 150" to 152" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 152" to 154" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 154" to 156" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 156" to 158" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 158" to 160" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 160" to 162" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 162" to 164" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 164" to 166" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 166" to 168" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 168" to 170" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 170" to 172" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 172" to 174" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 174" to 176" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 176" to 178" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 178" to 180" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 180" to 182" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 182" to 184" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 184" to 186" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 186" to 188" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 188" to 190" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 190" to 192" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 192" to 194" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 194" to 196" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 196" to 198" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 198" to 200" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 200" to 202" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 202" to 204" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 204" to 206" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 206" to 208" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 208" to 210" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 210" to 212" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 212" to 214" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 214" to 216" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 216" to 218" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 218" to 220" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 220" to 222" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 222" to 224" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 224" to 226" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 226" to 228" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 228" to 230" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 230" to 232" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 232" to 234" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 234" to 236" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 236" to 238" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 238" to 240" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 240" to 242" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 242" to 244" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 244" to 246" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 246" to 248" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 248" to 250" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 250" to 252" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 252" to 254" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 254" to 256" (2 1/2" Min.)	Sq. Yds.	1,234,567	1.00	1,234,567
Subgrade, 256" to 258" (2 1/2" Min.)				



DATE	BY	REVISION	NO.
11/17	W.C.	1	
11/17	W.C.	2	
11/17	W.C.	3	
11/17	W.C.	4	
11/17	W.C.	5	
11/17	W.C.	6	
11/17	W.C.	7	
11/17	W.C.	8	
11/17	W.C.	9	
11/17	W.C.	10	

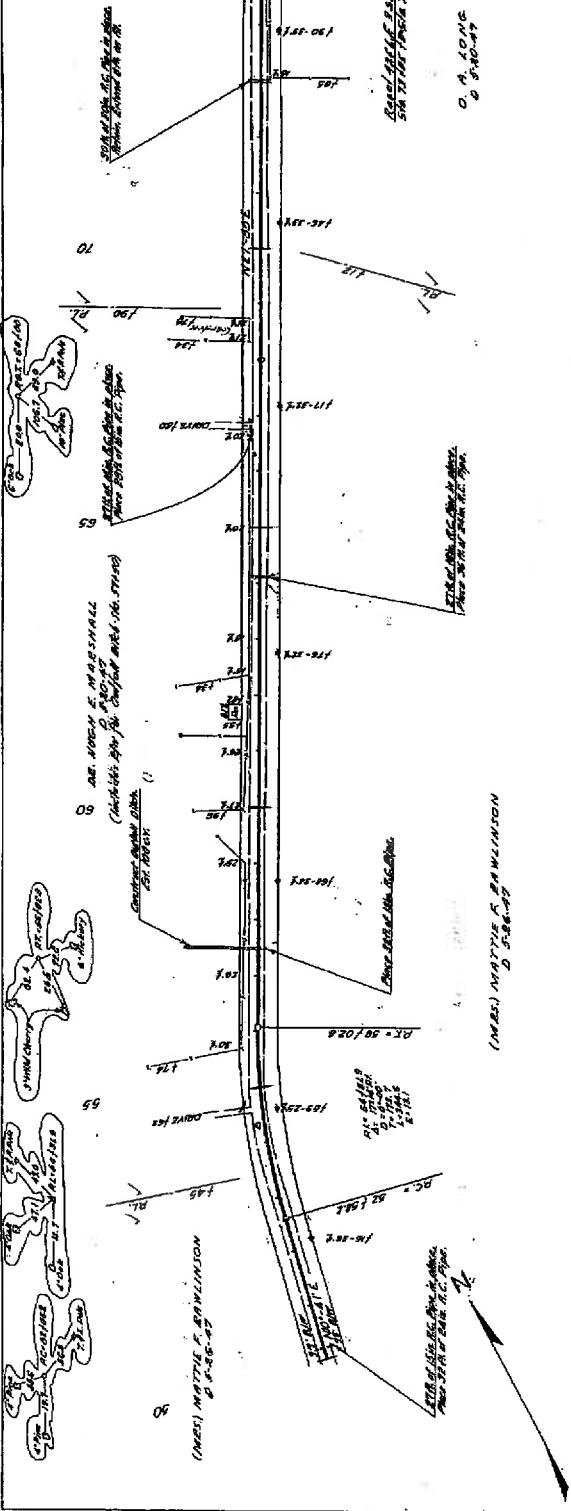


NAME	W.C.
SCALE	1" = 100'
DATE	11/17
BY	W.C.
CHECKED	
APPROVED	

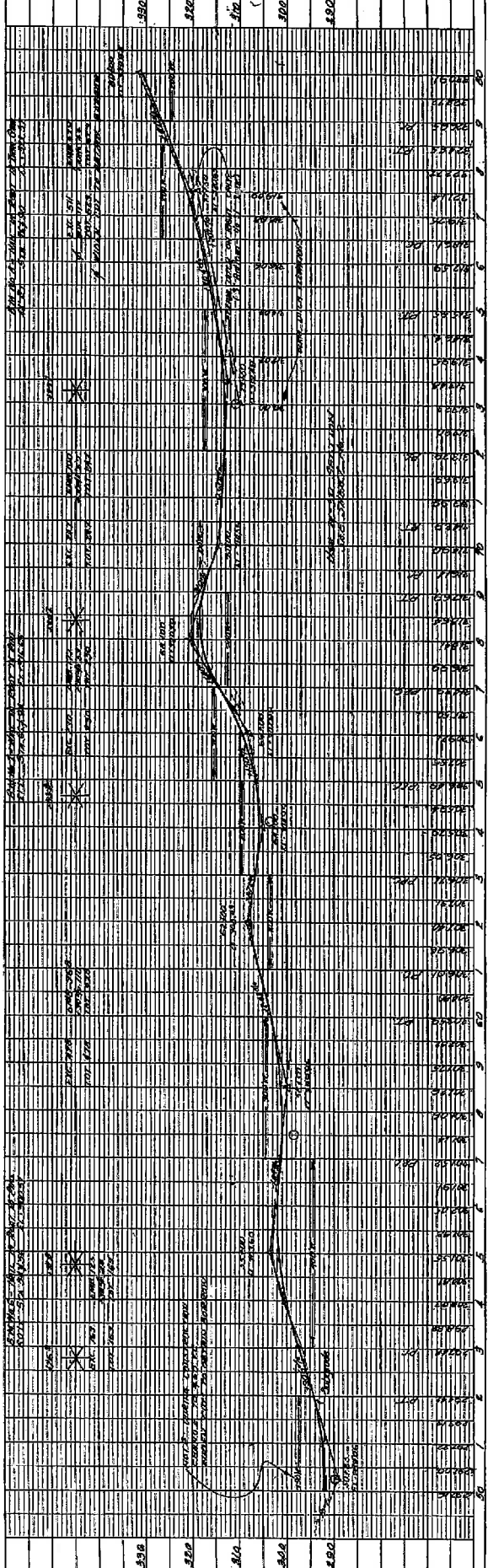
DEPTH	300
TEMPERATURE	
WATER	
WIND	
WAVE	
WAVE PERIOD	
WAVE DIRECTION	
WAVE FORCE	
WAVE HEIGHT	
WAVE LENGTH	
WAVE PERIOD	
WAVE DIRECTION	
WAVE FORCE	
WAVE HEIGHT	
WAVE LENGTH	

1. 11/17  
 2. 11/17  
 3. 11/17  
 4. 11/17  
 5. 11/17  
 6. 11/17  
 7. 11/17  
 8. 11/17  
 9. 11/17  
 10. 11/17

NO.	14
DATE	11-1-47
BY	W. J. STEINER
PROJECT	PORTLAND
NO.	87
DATE	11-1-47



NO.	14
DATE	11-1-47
BY	W. J. STEINER
PROJECT	PORTLAND
NO.	87
DATE	11-1-47



NO.	14
DATE	11-1-47
BY	W. J. STEINER
PROJECT	PORTLAND
NO.	87
DATE	11-1-47

1. The profile is shown on a grid with a vertical scale of 1" = 10' and a horizontal scale of 1" = 100'.  
 2. The ground surface is shown by a solid line and the proposed road grade by a dashed line.  
 3. The vertical curve is a parabolic curve with a length of 100 feet.  
 4. The proposed road grade is shown by a dashed line with a slope of 1%.  
 5. The proposed road grade is shown by a dashed line with a slope of 2%.

FIGURE 1 - PLAN AND PROFILE OF PORTLAND ROAD, PORTLAND, OREGON  
 DRAWN BY W. J. STEINER, CIVIL ENGINEER  
 202



Womersley

NO.	DATE	BY	REVISION
1	1/24/54	W.M.	PRELIMINARY
2	2/10/54	W.M.	REVISED
3	3/15/54	W.M.	REVISED
4	4/20/54	W.M.	REVISED
5	5/25/54	W.M.	REVISED
6	6/30/54	W.M.	REVISED
7	7/31/54	W.M.	REVISED
8	8/31/54	W.M.	REVISED
9	9/30/54	W.M.	REVISED
10	10/31/54	W.M.	REVISED
11	11/30/54	W.M.	REVISED
12	12/31/54	W.M.	REVISED

### SUMMARY OF ESTIMATED QUANTITIES

ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL
1. Clearing and Grubbing	cu yd	15,000	1.20	18,000.00
2. Excavation	cu yd	10,000	1.50	15,000.00
3. Backfill	cu yd	10,000	1.50	15,000.00
4. Gravel	cu yd	10,000	2.00	20,000.00
5. Concrete	cu yd	10,000	3.00	30,000.00
6. Steel Reinforcement	lbs	10,000	0.50	5,000.00
7. Bituminous	cu yd	10,000	1.00	10,000.00
8. Lumber	cu yd	10,000	1.00	10,000.00
9. Earth Retention	sq ft	10,000	1.00	10,000.00
10. Bridge	sq ft	10,000	1.00	10,000.00
11. Signal	sq ft	10,000	1.00	10,000.00
12. Sign	sq ft	10,000	1.00	10,000.00
13. Light	sq ft	10,000	1.00	10,000.00
14. Pole	sq ft	10,000	1.00	10,000.00
15. Foundation	sq ft	10,000	1.00	10,000.00
16. Structure	sq ft	10,000	1.00	10,000.00
17. Wall	sq ft	10,000	1.00	10,000.00
18. Gate	sq ft	10,000	1.00	10,000.00
19. Fence	sq ft	10,000	1.00	10,000.00
20. Post	sq ft	10,000	1.00	10,000.00
21. Rail	sq ft	10,000	1.00	10,000.00
22. Track	sq ft	10,000	1.00	10,000.00
23. Signal	sq ft	10,000	1.00	10,000.00
24. Pole	sq ft	10,000	1.00	10,000.00
25. Foundation	sq ft	10,000	1.00	10,000.00
26. Structure	sq ft	10,000	1.00	10,000.00
27. Wall	sq ft	10,000	1.00	10,000.00
28. Gate	sq ft	10,000	1.00	10,000.00
29. Fence	sq ft	10,000	1.00	10,000.00
30. Post	sq ft	10,000	1.00	10,000.00
31. Rail	sq ft	10,000	1.00	10,000.00
32. Track	sq ft	10,000	1.00	10,000.00
33. Signal	sq ft	10,000	1.00	10,000.00
34. Pole	sq ft	10,000	1.00	10,000.00
35. Foundation	sq ft	10,000	1.00	10,000.00
36. Structure	sq ft	10,000	1.00	10,000.00
37. Wall	sq ft	10,000	1.00	10,000.00
38. Gate	sq ft	10,000	1.00	10,000.00
39. Fence	sq ft	10,000	1.00	10,000.00
40. Post	sq ft	10,000	1.00	10,000.00
41. Rail	sq ft	10,000	1.00	10,000.00
42. Track	sq ft	10,000	1.00	10,000.00
43. Signal	sq ft	10,000	1.00	10,000.00
44. Pole	sq ft	10,000	1.00	10,000.00
45. Foundation	sq ft	10,000	1.00	10,000.00
46. Structure	sq ft	10,000	1.00	10,000.00
47. Wall	sq ft	10,000	1.00	10,000.00
48. Gate	sq ft	10,000	1.00	10,000.00
49. Fence	sq ft	10,000	1.00	10,000.00
50. Post	sq ft	10,000	1.00	10,000.00
51. Rail	sq ft	10,000	1.00	10,000.00
52. Track	sq ft	10,000	1.00	10,000.00
53. Signal	sq ft	10,000	1.00	10,000.00
54. Pole	sq ft	10,000	1.00	10,000.00
55. Foundation	sq ft	10,000	1.00	10,000.00
56. Structure	sq ft	10,000	1.00	10,000.00
57. Wall	sq ft	10,000	1.00	10,000.00
58. Gate	sq ft	10,000	1.00	10,000.00
59. Fence	sq ft	10,000	1.00	10,000.00
60. Post	sq ft	10,000	1.00	10,000.00
61. Rail	sq ft	10,000	1.00	10,000.00
62. Track	sq ft	10,000	1.00	10,000.00
63. Signal	sq ft	10,000	1.00	10,000.00
64. Pole	sq ft	10,000	1.00	10,000.00
65. Foundation	sq ft	10,000	1.00	10,000.00
66. Structure	sq ft	10,000	1.00	10,000.00
67. Wall	sq ft	10,000	1.00	10,000.00
68. Gate	sq ft	10,000	1.00	10,000.00
69. Fence	sq ft	10,000	1.00	10,000.00
70. Post	sq ft	10,000	1.00	10,000.00
71. Rail	sq ft	10,000	1.00	10,000.00
72. Track	sq ft	10,000	1.00	10,000.00
73. Signal	sq ft	10,000	1.00	10,000.00
74. Pole	sq ft	10,000	1.00	10,000.00
75. Foundation	sq ft	10,000	1.00	10,000.00
76. Structure	sq ft	10,000	1.00	10,000.00
77. Wall	sq ft	10,000	1.00	10,000.00
78. Gate	sq ft	10,000	1.00	10,000.00
79. Fence	sq ft	10,000	1.00	10,000.00
80. Post	sq ft	10,000	1.00	10,000.00
81. Rail	sq ft	10,000	1.00	10,000.00
82. Track	sq ft	10,000	1.00	10,000.00
83. Signal	sq ft	10,000	1.00	10,000.00
84. Pole	sq ft	10,000	1.00	10,000.00
85. Foundation	sq ft	10,000	1.00	10,000.00
86. Structure	sq ft	10,000	1.00	10,000.00
87. Wall	sq ft	10,000	1.00	10,000.00
88. Gate	sq ft	10,000	1.00	10,000.00
89. Fence	sq ft	10,000	1.00	10,000.00
90. Post	sq ft	10,000	1.00	10,000.00
91. Rail	sq ft	10,000	1.00	10,000.00
92. Track	sq ft	10,000	1.00	10,000.00
93. Signal	sq ft	10,000	1.00	10,000.00
94. Pole	sq ft	10,000	1.00	10,000.00
95. Foundation	sq ft	10,000	1.00	10,000.00
96. Structure	sq ft	10,000	1.00	10,000.00
97. Wall	sq ft	10,000	1.00	10,000.00
98. Gate	sq ft	10,000	1.00	10,000.00
99. Fence	sq ft	10,000	1.00	10,000.00
100. Post	sq ft	10,000	1.00	10,000.00

# STATE OF SOUTH CAROLINA

## STATE HIGHWAY DEPARTMENT

### PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

#### FED. AID PROJ. NO. 423-B(0) AND STATE PROJ. NO. 210

#### U. S. ROUTE NO. 78

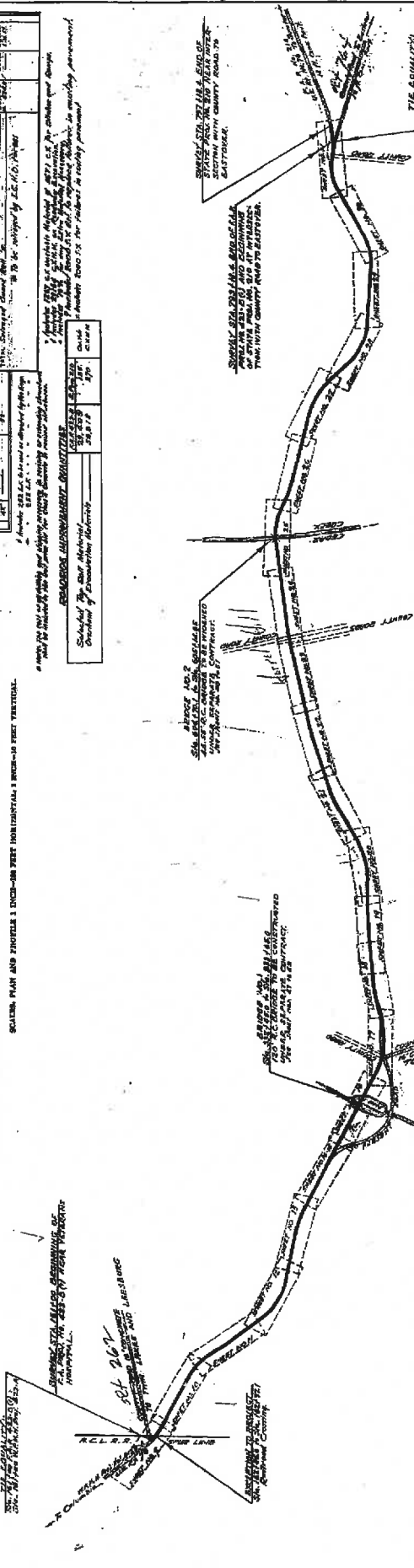
### RICHLAND COUNTY

#### FROM VETERANS HOSPITAL TO INT. WITH COUNTY ROAD TO EASTOVER

SCALE: PLAN AND PROFILE 1" = 100 FEET HORIZONTAL; 1" = 20 FEET VERTICAL.

### INDEX OF SHEETS

SHEET NO.	TITLE PAGE
1	TITLE PAGE
2	TRUCK CROSS SECTIONS OF IMPROVEMENT
3	BRIDGES FOR FIVE CULVERTS
4	PROPOSED IMPROVEMENT
5	PROPOSED IMPROVEMENT
6	PROPOSED IMPROVEMENT
7	PROPOSED IMPROVEMENT
8	PROPOSED IMPROVEMENT
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### BRIDGE QUANTITIES

ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL
1. Concrete	cu yd	10,000	3.00	30,000.00
2. Steel Reinforcement	lbs	10,000	0.50	5,000.00
3. Lumber	cu yd	10,000	1.00	10,000.00
4. Earth Retention	sq ft	10,000	1.00	10,000.00
5. Structure	sq ft	10,000	1.00	10,000.00
6. Wall	sq ft	10,000	1.00	10,000.00
7. Gate	sq ft	10,000	1.00	10,000.00
8. Fence	sq ft	10,000	1.00	10,000.00
9. Post	sq ft	10,000	1.00	10,000.00
10. Rail	sq ft	10,000	1.00	10,000.00
11. Track	sq ft	10,000	1.00	10,000.00
12. Signal	sq ft	10,000	1.00	10,000.00
13. Pole	sq ft	10,000	1.00	10,000.00
14. Foundation	sq ft	10,000	1.00	10,000.00
15. Structure	sq ft	10,000	1.00	10,000.00
16. Wall	sq ft	10,000	1.00	10,000.00
17. Gate	sq ft	10,000	1.00	10,000.00
18. Fence	sq ft	10,000	1.00	10,000.00
19. Post	sq ft	10,000	1.00	10,000.00
20. Rail	sq ft	10,000	1.00	10,000.00
21. Track	sq ft	10,000	1.00	10,000.00
22. Signal	sq ft	10,000	1.00	10,000.00
23. Pole	sq ft	10,000	1.00	10,000.00
24. Foundation	sq ft	10,000	1.00	10,000.00
25. Structure	sq ft	10,000	1.00	10,000.00
26. Wall	sq ft	10,000	1.00	10,000.00
27. Gate	sq ft	10,000	1.00	10,000.00
28. Fence	sq ft	10,000	1.00	10,000.00
29. Post	sq ft	10,000	1.00	10,000.00
30. Rail	sq ft	10,000	1.00	10,000.00
31. Track	sq ft	10,000	1.00	10,000.00
32. Signal	sq ft	10,000	1.00	10,000.00
33. Pole	sq ft	10,000	1.00	10,000.00
34. Foundation	sq ft	10,000	1.00	10,000.00
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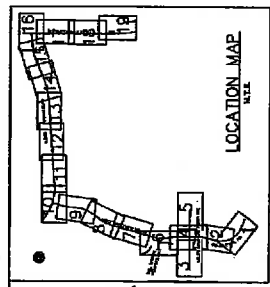








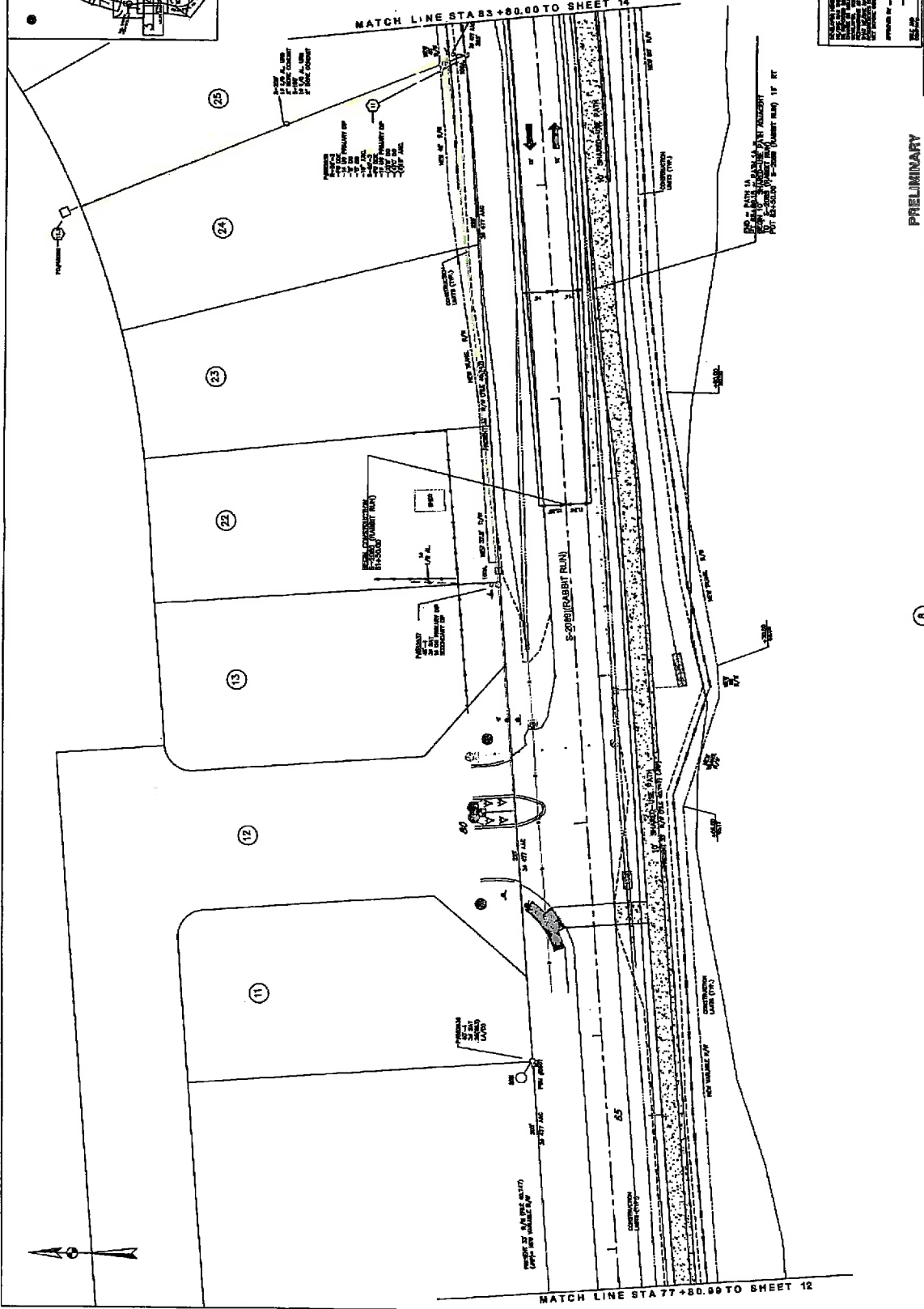




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3 DAYS BEFORE COMING  
 TO WORK, NOTIFY THE  
 FOLLOWING UTILITIES OF THE  
 LOCATION OF THE WORK AND  
 THE DATE OF THE WORK.  
 CALL 811 OR 1-888-281-3827  
 FOR A LIST OF UTILITIES TO  
 BE NOTIFIED.  
 FAILURE TO NOTIFY UTILITIES  
 MAY RESULT IN FINE OR  
 IMPRISONMENT.  
 CALL 811 OR 1-888-281-3827  
 FOR A LIST OF UTILITIES TO  
 BE NOTIFIED.  
 FAILURE TO NOTIFY UTILITIES  
 MAY RESULT IN FINE OR  
 IMPRISONMENT.

<b>SOUTH CAROLINA ELECTRIC &amp; GAS CO.</b> TITLE: <b>SAFETY PLAN FOR RABBIT RUN</b>	
PROJECT NO.: <b>02703-13006</b>	SHEET NO.: <b>15</b> OF <b>15</b>
DATE: <b>08/15/2013</b>	SCALE: <b>1" = 30'</b>
DRAWN BY: <b>J. B. BROWN</b>	CHECKED BY: <b>J. B. BROWN</b>
PROJECT NO.: <b>02703-13006</b>	SHEET NO.: <b>15</b> OF <b>15</b>
DATE: <b>08/15/2013</b>	SCALE: <b>1" = 30'</b>
DRAWN BY: <b>J. B. BROWN</b>	CHECKED BY: <b>J. B. BROWN</b>



<b>PRELIMINARY</b>	
DATE: <b>08/15/2013</b>	SCALE: <b>1" = 30'</b>
DRAWN BY: <b>J. B. BROWN</b>	CHECKED BY: <b>J. B. BROWN</b>
PROJECT NO.: <b>02703-13006</b>	SHEET NO.: <b>15</b> OF <b>15</b>
DATE: <b>08/15/2013</b>	SCALE: <b>1" = 30'</b>
DRAWN BY: <b>J. B. BROWN</b>	CHECKED BY: <b>J. B. BROWN</b>

PLAN 'SAFETY' INTO EVERY JOB

SCANACAD DRAWING - DO NOT REVISE MANUALLY

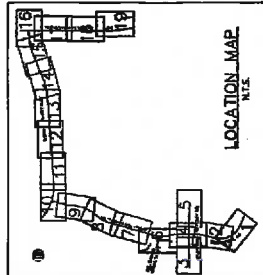












**LEGEND**

**SYMBOLS**

**NOTES**

**GENERAL NOTES**

**CONSTRUCTION NOTES**

**EXISTING UTILITIES**

**PROPOSED UTILITIES**

**PROPOSED CONSTRUCTION**

**PROPOSED EROSION CONTROL**

**PROPOSED LANDSCAPE**

**PROPOSED SIGNAGE**

**PROPOSED LIGHTING**

**PROPOSED FENCE**

**PROPOSED DRIVE**

**PROPOSED SIDEWALK**

**PROPOSED BIKEWAY**

**PROPOSED TRAIL**

**PROPOSED PATH**

**PROPOSED STAIR**

**PROPOSED RAMP**

**PROPOSED CURB**

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**PROPOSED AREA**

**PROPOSED VOLUME**

**PROPOSED WEIGHT**

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**PROJECT INFORMATION**

PROJECT NO. \_\_\_\_\_

DATE \_\_\_\_\_

SCALE \_\_\_\_\_

**CLIENT INFORMATION**

CLIENT NAME \_\_\_\_\_

CLIENT ADDRESS \_\_\_\_\_

CLIENT PHONE \_\_\_\_\_

CLIENT FAX \_\_\_\_\_

CLIENT EMAIL \_\_\_\_\_

**DESIGNER INFORMATION**

DESIGNER NAME \_\_\_\_\_

DESIGNER ADDRESS \_\_\_\_\_

DESIGNER PHONE \_\_\_\_\_

DESIGNER FAX \_\_\_\_\_

DESIGNER EMAIL \_\_\_\_\_

**APPROVALS**

DESIGNER: \_\_\_\_\_

CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_

**DISCLAIMER**

THESE PLANS AND SPECIFICATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE WITHOUT NOTICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS AND CONDITIONS OF THE SITE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION.

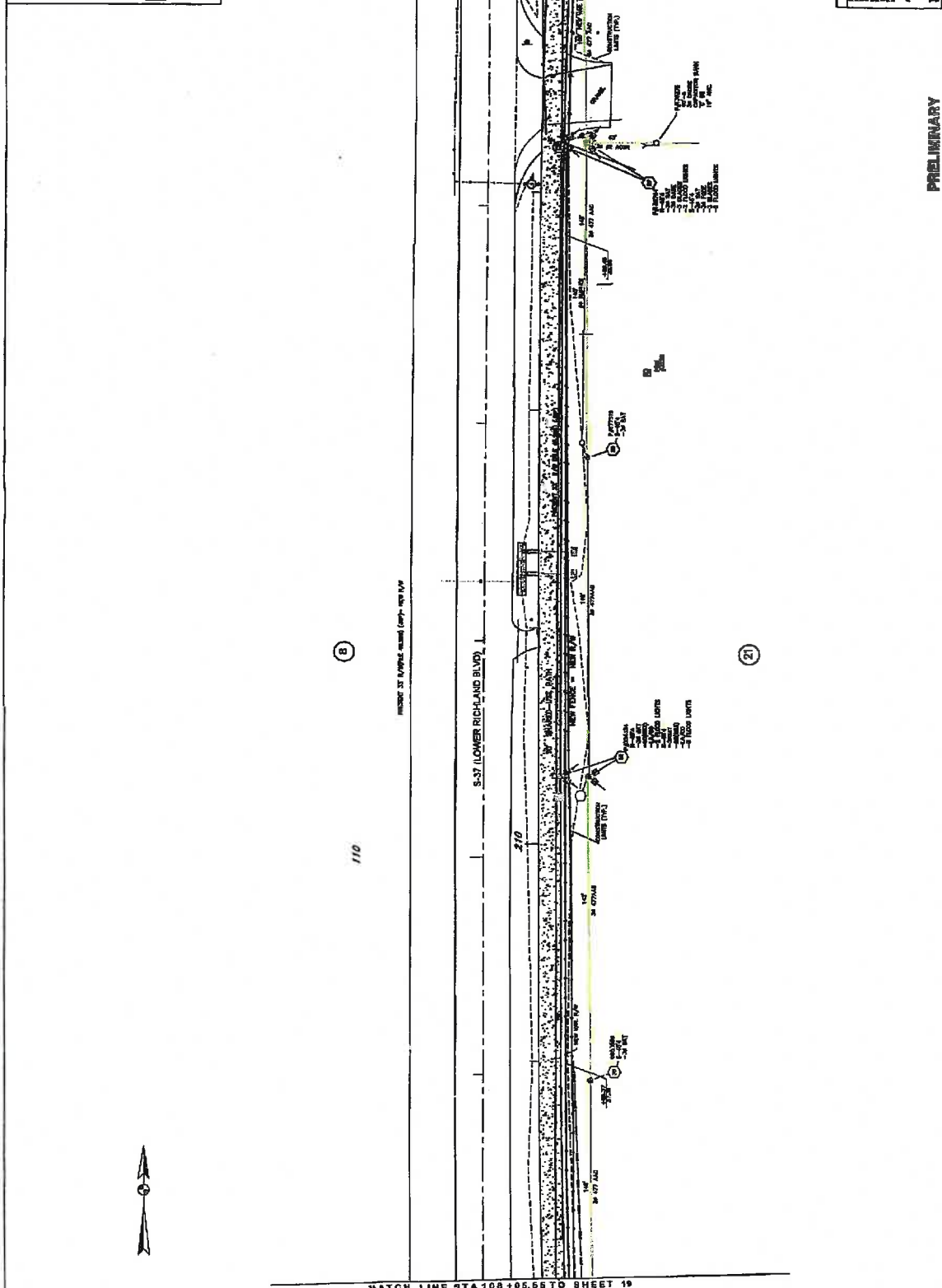
**PRELIMINARY**

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**PLAN "SAFETY" INTO EVERY JOB**

240

SCANACAD DRAWING—DO NOT REVISE MANUALLY



**PROJECT INFORMATION**

PROJECT NO. \_\_\_\_\_

DATE \_\_\_\_\_

SCALE \_\_\_\_\_

**CLIENT INFORMATION**

CLIENT NAME \_\_\_\_\_

CLIENT ADDRESS \_\_\_\_\_

CLIENT PHONE \_\_\_\_\_

CLIENT FAX \_\_\_\_\_

CLIENT EMAIL \_\_\_\_\_

**DESIGNER INFORMATION**

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DESIGNER ADDRESS \_\_\_\_\_

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DESIGNER EMAIL \_\_\_\_\_

**APPROVALS**

DESIGNER: \_\_\_\_\_

CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_

MATCH LINE STA 108+05.56 TO SHEET 19

MATCH LINE STA 114+07.24 TO SHEET 17



## Utility Relocation Estimates

### Discussion Point:

The following large projects are expected to begin construction in Q4 2018. In an effort to minimize potential schedule delays, it is requested that the following Utility Agreement estimated amounts be approved. These amounts are a “not to exceed” amount and it is likely that final agreements will be less than these estimated amounts. This will allow the utility companies to plan their work, order necessary supplies, and potentially begin their work prior to roadway construction. It is anticipated that the Final Agreements will be ready for execution by the County in the next few weeks.

### **Clemson Road Widening**

Utility Owner: South Carolina Electric and Gas (SCE&G)

**Estimate: \$300,000.00**

Utility owner: Palmetto Utilities

**Estimate: \$400,000.00**

### **Southeast Richland (SERN) Neighborhood Improvements**

Utility Owner: South Carolina Electric and Gas (SCE&G)

**Estimate: \$725,000.00**

### **Atlas Road Widening**

Utility Owner: AT&T/Bellsouth

**Estimate: \$125,000.00**

### **Garners Ferry Road and Harmon Road Intersection**

Utility Owner: South Carolina Electric and Gas (SCE&G)

**Estimate: \$15,000.00**

### Recommendation:

Staff respectfully requests the Committee to approve utility relocation estimates under Council authority and to forward to full Council for consideration.

**Transportation Ad Hoc Committee Meeting  
Briefing Document**

**Agenda Item**

Approval to pay for the Internship Program utilizing General Funds opposed to utilizing Penny Funds.

**Background**

Department of Revenue states that all expenses need to be tethered to a Transportation Project.

**Issues**

Determining if utilizing General Funds for the Internship Program will cause non-compliance with the Department of Revenue's guidelines.

**Fiscal Impact**

The Internship Program will utilize \$100,000 of Transportation Penny Funds.

**Alternatives**

1. The Internship Program will be unpaid.
2. Pay for the Internship Program, utilizing General Funds
3. Eliminate the Internship Program.

**Staff Recommendation**

The intent of staff is to institute County Council's directive. Staff does not have a recommendation with regards to this matter.

**From:** LARRY SMITH

**Sent:** Monday, July 2, 2018 12:22 PM

**To:** JOHN THOMPSON <[THOMPSON.JOHN@richlandcountysc.gov](mailto:THOMPSON.JOHN@richlandcountysc.gov)>; SANDRA YUDICE

<[YUDICE.SANDRA@richlandcountysc.gov](mailto:YUDICE.SANDRA@richlandcountysc.gov)>; Brandon Madden

<[Madden.Brandon@richlandcountysc.gov](mailto:Madden.Brandon@richlandcountysc.gov)>; Beverly Harris <[Harris.Beverly@richlandcountysc.gov](mailto:Harris.Beverly@richlandcountysc.gov)>;

[pikemal@gmail.com](mailto:pikemal@gmail.com); Nathaniel Miller <[Miller.Nathaniel@richlandcountysc.gov](mailto:Miller.Nathaniel@richlandcountysc.gov)>

**Subject:** RE: Richland County Transportation Internship Program

Thanks John! Although covered under the contract, in my opinion it is not an expenditure that would be covered by the Transportation Act as an allowable cost to be paid by Penny Tax Revenue. However, that does not mean that if Council chose to do so, that the cost could not be covered by the general fund.

LARRY C. SMITH

RICHLAND COUNTY ATTORNEY

2020 HAMPTON ST. COLUMBIA, SC

ATTORNEY-CLIENT OR OTHER PRIVILEGED INFORMATION NOT FOR  
DISSEMINATION BEYOND ORIGINAL ADDRESSEE(S) AND COPIED RECIPIENT(S)

**From:** JOHN THOMPSON

**Sent:** Monday, July 02, 2018 12:15 PM

**To:** LARRY SMITH; SANDRA YUDICE; Brandon Madden; Beverly Harris; [pikemal@gmail.com](mailto:pikemal@gmail.com); Nathaniel Miller

**Subject:** RE: Richland County Transportation Internship Program

Larry: Yes, there is specific language in the Program Management Agreement (contract) between the County and the PDT. Please see the attached screenshot. Thx.

**John M. Thompson, Ph.D., MBA, CPM**

Director of Transportation

Transportation Penny Department

803-766-5003

[thompson.john@richlandcountysc.gov](mailto:thompson.john@richlandcountysc.gov)

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**From:** LARRY SMITH  
**Sent:** Monday, July 2, 2018 12:11 PM  
**To:** JOHN THOMPSON <[THOMPSON.JOHN@richlandcountysc.gov](mailto:THOMPSON.JOHN@richlandcountysc.gov)>; SANDRA YUDICE <[YUDICE.SANDRA@richlandcountysc.gov](mailto:YUDICE.SANDRA@richlandcountysc.gov)>; Brandon Madden <[Madden.Brandon@richlandcountysc.gov](mailto:Madden.Brandon@richlandcountysc.gov)>; Beverly Harris <[Harris.Beverly@richlandcountysc.gov](mailto:Harris.Beverly@richlandcountysc.gov)>; [pikemal@gmail.com](mailto:pikemal@gmail.com); Nathaniel Miller <[Miller.Nathaniel@richlandcountysc.gov](mailto:Miller.Nathaniel@richlandcountysc.gov)>  
**Subject:** RE: Richland County Transportation Internship Program

John,

I don't know if this is part of the mentor-mentee program or not. Is there anything in the contract specifically regarding an Internship Program?

**From:** JOHN THOMPSON  
**Sent:** Saturday, June 30, 2018 12:22 PM  
**To:** SANDRA YUDICE; Brandon Madden; Beverly Harris; LARRY SMITH; [pikemal@gmail.com](mailto:pikemal@gmail.com); Nathaniel Miller  
**Subject:** Fwd: Richland County Transportation Internship Program

Colleagues: Please advise how we should handle the request below in light of the disallowable cost for the mentor-mentee program. Thx.

**John M. Thompson, Ph.D., MBA, CPM**

Director  
Richland County Government  
Transportation Penny Department  
[thompson.john@richlandcountysc.gov](mailto:thompson.john@richlandcountysc.gov)

P [803-766-5003](tel:803-766-5003) F [803-576-1549](tel:803-576-1549)

2000 Hampton St.  
Columbia, SC 29204  
[RichlandCountySC.gov](http://RichlandCountySC.gov)

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Begin forwarded message:

**From:** David Beaty <[dbeaty@richlandpenny.com](mailto:dbeaty@richlandpenny.com)>  
**Date:** June 30, 2018 at 10:06:25 AM EDT

**To:** JOHN THOMPSON <[THOMPSON.JOHN@richlandcountysc.gov](mailto:THOMPSON.JOHN@richlandcountysc.gov)>  
**Cc:** Anthony Lawrence <[alawrence@richlandpenny.com](mailto:alawrence@richlandpenny.com)>, Randolyn Martin <[rmartin@richlandpenny.com](mailto:rmartin@richlandpenny.com)>  
**Subject:** FW: Richland County Transportation Internship Program

Dr. Thompson,

As part of National Intern Day, the PDT is hosting a drop in on Thursday, July 26<sup>th</sup> from 11:00 a.m. – 1:00 pm at the Penny office to recognize the interns and their host companies. Would you please forward the information below to other County staff and members of County Council making them aware of the event and requesting their attendance? Thanks very much.

**David Beaty, PE**  
Program Manager  
Richland Penny Program  
201 Arbor Lake Drive | Columbia, SC 29223  
T: 1-844-RC PENNY | M: 803-261-7942 | D: 803-726-6159  
[www.richlandpenny.com](http://www.richlandpenny.com)

**From:** Randolyn Martin  
**Sent:** Friday, June 29, 2018 10:50 AM  
**To:** David Beaty <[dbeaty@richlandpenny.com](mailto:dbeaty@richlandpenny.com)>; Anthony Lawrence <[alawrence@richlandpenny.com](mailto:alawrence@richlandpenny.com)>  
**Subject:** Richland County Transportation Internship Program

Good morning,

Companies all over will be celebrating National Intern Day on July 26<sup>th</sup>. For the first time, the Richland County Transportation Internship Program will take part in the festivities. We will host a drop in on Thursday, July 26<sup>th</sup> from 11:00 a.m. – 1:00 pm here at the Richland Penny Office. The invite will be extended to Richland County Council members and companies hosting interns this summer. Those in attendance will be able to meet interns and learn about their experience as interns in this program. Below you will find a link to the invite.

David, please extend this invite to council members and Richland County staff involved with the Richland County Transportation Program.

Invitation link: <https://goo.gl/forms/ejQDXTF68VpuoiOG3>

Thanks,  
**Randolyn Martin**  
Internship Coordinator  
Richland Penny Program  
201 Arbor Lake Drive | Columbia, SC 29223  
T: 1-844-RC PENNY | D: 803-726-3575  
[rmartin@richlandpenny.com](mailto:rmartin@richlandpenny.com)  
[www.richlandpenny.com](http://www.richlandpenny.com)

c) The Contractor may appeal any determination of SLBE Program Termination Expenses in the manner provided in Section XIV.A.6. d, e, and f above.

12. Should the County implement ordinances that provide for the same types of SLBE requirements as provided for in this Section XIV.A. that are not provided for in the Ordinance as of the Effective Date of this Agreement, the County and the Contractor may by mutual agreement agree to replace any part of this Section XIV A with such new ordinance requirements.

B. Sheltered Market Program. The Contractor shall assist the SLBE program to identify projects qualified to be placed in the Sheltered Market Program for SLBE and Emerging SLBE participants to compete for exclusively.

C. DBE Participation Programs. The Contractor shall assist the County to comply with State and Federal DBE requirements where necessary.

D. Student Internship Program. The Contractor shall develop a student internship program in cooperation with area educational institutions. The Contractor shall encourage its Subconsultants and Subcontractors to provide opportunities for students to participate in the student internship program.

E. Central Employment Database. The Contractor shall establish a Central Employment Database ("CED") accessible to members of the public interested in submitting applications for employment with contractors and vendors participating in the CTIP. The CED will be made available to contractors, subcontractors, and vendors. The CED will be accessible both electronically and manually by the public. Job applications will be made available through the OSBO, the South Carolina Business One Stop, the Richland County Library system, and other public places as identified by the Contractor to the County.

F. Business Engagement. The Contractor shall develop, administrate, and manage a program to encourage businesses located in Richland County to participate in the CTIP. The Contractor shall also provide prototypical plans and specifications to businesses for bike racks, benches, and other amenities. The Contractor will provide a list of contractors to businesses capable of installing the benches and bike racks. The County will reimburse the Contractor for the cost to administrate and manage the program.

G. SLBE Certifications. SLBE certifications for the SLBE Subcontractors at the Effective Date of this Agreement are attached at Exhibit D.

H. Nothing in this Section XIV shall be construed to limit whatever rights and remedies the Contractor may have under this Agreement and applicable law to challenge any act or omission of the County, including the right to file legal action exclusively in the Richland County, South Carolina Court of Common Pleas regarding any action or inaction of the County, or to assert any defense to any claim by the County. Likewise, nothing in this Section XIV.H. shall be construed to limit whatever rights of the County that arise under this Section XIV of the Agreement.



## Utility Relocation Estimates

### Discussion Point:

The following large projects are expected to begin construction in Q4 2018. In an effort to minimize potential schedule delays, it is requested that the following Utility Agreement estimated amounts be approved. These amounts are a “not to exceed” amount and it is likely that final agreements will be less than these estimated amounts. This will allow the utility companies to plan their work, order necessary supplies, and potentially begin their work prior to roadway construction. It is anticipated that the Final Agreements will be ready for execution by the County in the next few weeks.

### **Clemson Road Widening**

Utility Owner: South Carolina Electric and Gas (SCE&G)

**Estimate: \$300,000.00**

Utility owner: Palmetto Utilities

**Estimate: \$400,000.00**

### **Southeast Richland (SERN) Neighborhood Improvements**

Utility Owner: South Carolina Electric and Gas (SCE&G)

**Estimate: \$725,000.00**

### **Atlas Road Widening**

Utility Owner: AT&T/Bellsouth

**Estimate: \$125,000.00**

### **Garners Ferry Road and Harmon Road Intersection**

Utility Owner: South Carolina Electric and Gas (SCE&G)

**Estimate: \$15,000.00**

### Recommendation:

Staff respectfully requests the Committee to approve utility relocation estimates under Council authority and to forward to full Council for consideration.

## On-Call Engineering Team (OET) Design Contracts

### Discussion Point:

Previously Council has approved staff and the Program Development Team (PDT) to initiate design contracts with the 5 On-Call Engineering Teams (OET) for a total of 9 projects. It is anticipated that final negotiations will be complete within the next few weeks. In an effort to expedite the start of design, it is requested that the Committee approve the following 30% complete design fees for the following projects:

- Polo Road Widening -
- Blythewood Road Area Improvements -
- Spears Creek Church Road Widening -
- Lower Richland Road Widening -
- Trenholm Acres/Newcastle NIP -
- Broad River Road Corridor NIP -
- Smith/Rocky Branch Greenway A, B, C -
- Crane Creek Greenway A, B, C -
- Polo/Windsor Lake, Woodbury/Old Leesburg, Dutchman Greenway -
- Quality Control Management Contract Modification for Group 50 Dirt Roads(Mead & Hunt)

\* Specific estimated contract values are shown separately. These amounts are a “not to exceed” amount and it is likely that final agreements will be less than these amounts.

### Recommendation:

Staff respectfully requests the Committee to approve the design estimates under Council authority and to forward to full Council for consideration.

## Transportation Program Update

### Council Approvals

Council met June 5, 2018 and approved the following items:

- Studying and installing safety measures to Longwood Road
- Resurfacing and analyzing Shared Use Paths for Pineview Road and Bluff Road Phase 2
- Staff to draft a letter to SCDOT for Council's review regarding the \$52.5 million for the I-20/Broad River Interchange
- The Bluff Road Phase 1 Final Change Order
- The Gills Creek Greenway Section A Final Design
- Staff to pursue the 2018 BUILD Grant Application for Shop Road Extension Phase 2
- The 2017 Annual Report
- The PDT managing the Dirt Road Program

### Pre-Construction Update

- Clemson Road: Plans are 100% Complete, Right of Way Certificate is complete, Utility Agreements complete to include City of Columbia waterline. Tentative advertisement scheduled for July 2018.
- Atlas Road: Addressing comments from 95% Complete Plan review. Right of Way acquisition nearly complete. Anticipate advertising for construction in Q3 2018, dependent upon Railroad permits and City of Columbia utility designs.
- Southeast Richland Neighborhood: 100% Complete plans have been reviewed by SCDOT. Right of Way acquisition complete. Anticipate advertising for construction in Q3 2018. Still need CLOMR from FEMA.
- Greene Street Phase 2: Design is approximately 99% complete. Right of Way acquisition continues, which is anticipated to be complete late Q2 2018. Anticipate advertising for construction in Q3/Q4 2018.
- 3 Major Intersections: 70% Plans submitted to SCDOT for review for Garners Ferry/Harmon, North Springs/Harrington, and Screaming Eagle/Percival. R/W acquisition has begun for Screaming Eagle/Percival and Garners Ferry/Harmon. North Springs/Harrington R/W Acquisition should begin July.
- Broad River Neighborhood Project – Plans 100% Complete, Right of Way Certificate complete, and bid document being reviewed by SCDOT. Anticipate advertising for construction Q3 2018.
- Magnolia/Schoolhouse sidewalks – Bids received and recommend award to Council set for July 10, 2018.
- Pedestrian Intersections – Bids received and will likely readvertise.
- Dirt Road Packages G and H – Bids received and recommend award to Council set for July 10, 2018.
- Resurfacing Package O – Bids due June 27, 2018.
- Pelham/Tryon sidewalks – Bids due June 27, 2018.

### Construction Update

- Candlewood Neighborhood Improvement Project Phase 2 and Sidewalk Package S7 (Marion Street, Bratton Street, and Grand Street) : Contracts approved and Pre construction conferences were held April 25, 2018. Notices to Proceed dated June 15, 2018..
- Farrow/Pisgah Intersection – Construction continues on this last of 6 Design-Build projects.

- Shop Road Extension Phase 1 – Work on the floorless culvert is complete. Concrete paving continues.
- North Main Street Widening – SCE&G's duct bank is 85% complete. The Joint Use Duct Bank is 60% complete. Sewer rehabilitation is 80% complete. Water relocation is 60% complete. Drainage installation continues near the R/R trestle and is heading south. Utility poles scheduled to be removed from Anthony to Sunset mid to late May 2018.
- 3 Rivers Greenway – Construction is underway. 13,900' out of a total of 15,000' of concrete pathway has been constructed.
- Transportation Improvement Contract 1 – Resurfacing has resumed. 4 of the 19 dirt roads have been removed from this current contract. 14 of the remaining 15 have been paved.