

DIRT ROAD AD HOC COMMITTEE

September 11, 2018
5:00PM
4th Floor Conference Room

1. Call to Order
2. Approval of Minutes (No Quorum)
3. Adoption of the Agenda
4. Approval of Mead & Hunt QA/QC Management Contract Modification (Pages 1-13)
5. Discussion: Dirt Road Program Summary and Recommendations (Pages 14-26)
 - Approval to have the OETs Re-Design 42 Dirt Roads (Pages 15-17)
 - Rights- Of-Way: Fee Simple or Easement (Pages 18-19)
 - Process for Deferral of Roads/Prioritizations (Page 19)
6. Approval of The Utility Agreements (Pages 28-59)
 - Sara Matthews Road – SCEG (Pages 28-33)
 - Bluff Oaks Road – SCEG (Pages 34-39)
 - Labrew Drive - Fairfield Electric (Pages 40-46)
 - Net Dean Road – Fairfield Electric (Pages 47-52)
 - S Hask Jacobs – SCEG (Pages 53-58)
7. Adjournment



Committee Members

Norman Jackson, Chair
District Eleven

Bill Malinowski
District One

Dalhi Myers
District Ten



878 South Lake Drive
 Lexington, South Carolina 29072
 803-996-2900
 meadhunt.com

July 3, 2018

Mr. Nathaniel Miller
 Richland County Transportation Penny
 201 Arbor Lake Drive
 Columbia, SC 29223

Subject: 50 Dirt Road Paving Projects – Service Order Agreement #8 (Year 3,4)

Dear Mr. Miller:

Thank you for the opportunity to work with Richland County on the 50 Dirt Roads Paving Project. Pursuant to our January 2, 2018 agreement for Task 1 Quality Management, please find our request to extend the current Service Order Agreement #8 for an additional 6 months through December 2018. The reason for this modification is as follows:

- **Service Order Agreement #8**
 - Service Order Agreement #8's original fee included quality/progress management of the Project based on a 6-month duration at \$20,000 per month. Any additional time necessary would be handled via a contract modification using the same monthly fee as approved by the County.

	Original Contract Fee	Additional Task #2 Fee	New Contract Amount
	\$252,000.00		
Service Order #8		\$120,000.00	
			\$372,000.00

If you have any questions or require additional information, please contact me at 803-315-6318.

Sincerely,

MEAD & HUNT, Inc.

Berry Still, P.E.
 Vice President

Concurrence: _____
 Richland County

RICHLAND COUNTY DIRT ROAD PAVING- Year 3,4 roads
Executive Summary

Purpose: *Brief summary of duties performed by Mead & Hunt as part of the QA/QC management for the year 3,4 roads.*

Overview of Year 3,4 dirt road completion plan: The plan was for Richland County to provide overall Program Management of the Year 3,4 dirt roads. 50 roads were to be bundled into an initial phase of projects too include the design, r/w acquisition, and utility coordination of those roads. Each OET would be contracted to develop 10 roads from the list of 50. The overall-plan was to give each OET 10 additional roads upon their completion of their previous group. This process would continue until all Year 3,4 roads were ready for construction.

Overview of the current contract: For the current 50 roads, each OET provides oversight of their respective projects and Richland County provides oversight of the whole program. Richland County's overall program management duties include such tasks as individual project decisions, project meeting with property owners, OET invoicing, and status reporting of the overall program. Mead & Hunt provides no direct project/program management. Mead & Hunt's work is associated with quality control of the design plans and all associated documentation (encroachment permit, utility reports, NOI application, initial field reviews and reports, etc.) with an emphasis on uniformity, development and compliance of standard operating procedures associated with all phases of dirt road development, schedule development and monitoring along with various other document control information required by Richland County. Basically, Mead & Hunt is aiding the Program Manager by providing information in which overall program decisions can be made. This work effort is not a duplication of services and is required regardless of who manages the program.



TRANSPORTATION PROGRAM

AGENDA

Year 3,4 50 Dirt Roads – Status Meeting

Richland Administration – 2020 Hampton St – February 26, 2017 9:00 am

Purpose: Program Review

Invited Attendees:

Richland County: Tony Edwards, Nathaniel Miller, John Thompson, Shawn Salley

Richland PDT: Ben Lewis

Mead & Hunt Team: Raymond Hamilton, Berry Still, Joey Derby

DESA:

Chao:

PAN:

Discussion Topics:

- I. Invoicing for ROW services (consent/denial letters)
 - a. There are more property parcels on roads than previously provided. We propose to invoice additional letters required under r/w acquisition phase and correct via change order once final roads/# of letters are determined.
 - b. Parrish & Partners reported Brisbane Rd has 20-25 tracts shown, list provided stated 3.
 - c. Clarify that letters should be sent to only property owners, not residents?

- II. ROW Process
 - a. Difficulty scoping work for each road and beginning with consent/denial process
 - i. In the future, County should consider completing the consent/denial process prior to programming projects either through internal staff or separate consultant contract.
 - ii. Current process will require several changes to scope/fees and will delay projects
 - b. Current policy states that “no response” is an assumed consent to project.
 - i. May want to consider assuming denial and immediately verify plats/deeds to determine if consent is needed.

- III. Replacing roads from consent/denial failure or list revisions
 - a. Need to determine policy on how to replace each road as they are removed from the program.
 - b. Current list of roads to be replaced:
 - i. Goff Pond Rd
 - ii. Eastwind Rd
 - iii. Kneece Rd

- IV. Council Involvement with projects
 - a. OETs have concerns that Council has asked to be involved with ROW acquisition process
 - i. When do they want to be involved and how are they contacted?



TRANSPORTATION PROGRAM

AGENDA

Year 3,4 50 Dirt Roads – Status Meeting

Richland Administration – 2020 Hampton St, Suite 3014 – May 1, 2018 10:00 am

Purpose: Program Update

Invited Attendees:

Richland County: Tony Edwards, Nathaniel Miller,
Richland PDT: Ben Lewis
Mead & Hunt Team: Raymond Hamilton, Berry Still, Joey Derby
DESA: Dan Lavender
Chao: Gerald Lee
PAN:

Discussion Topics:

- I. Update of Consent/Denial Status (see attached summaries)
 - a. 29 roads exceeded consent requirement and can move forward
 - b. 9 roads are recommended to be dropped
 - i. 8 roads need confirmation from County on removal from list
 - ii. Kneece Rd has already been paved
 - c. 12 roads have undelivered letters which will exceed 25% denial

- II. Status of projects in Design (see attached summaries)
 - a. 8 projects currently being surveyed
 - b. 5 projects currently in design
 - c. 12 projects scheduled to have 30% submittals by May



TRANSPORTATION PROGRAM

AGENDA

Year 3,4 50 Dirt Roads – Status Meeting

Richland Transportation Penny Office – 201 Arbor Lake Dr – August 7, 2018 10:00 am

Purpose: Program Update

Invited Attendees:

Richland County: John Thompson, Nathaniel Miller, Kimberly Toney
Richland PDT: Ben Lewis
Mead & Hunt Team: Raymond Hamilton, Berry Still, Joey Derby

Discussion Topics:

- I. Summary of Program Status
 - a. 39 roads are active in design
 - i. 11 roads are not moving forward (8 from consent and 2 pending committee action)
 - ii. 29 of 39 active have completed 30% plans
 - iii. 21 of 39 active have completed field reviews and set for r/w acquisition
 - b. 6 roads have submitted design exceptions
 - c. OET schedule updates provided (attached)
- II. Confirmation of R/W process to be used
 - a. Simple fee vs. easement acquisition
 - b. 21 projects will be on hold until decision is made by County
- III. Contract Amendments/Invoices
 - a. Status of QC extension; can we bill for July services?
 - b. Invoice payment status for # 27677, 277181, 278055



TRANSPORTATION PROGRAM

AGENDA

Year 3,4 50 Dirt Roads – Status Meeting

Richland Administration – 202 Arbor Lake Dr – April 3, 2018 8:30 am

Purpose: Program Update

Invited Attendees:

Richland County: Tony Edwards, Nathaniel Miller, John Thompson, Shawn Salley

Richland PDT: Ben Lewis, David Beaty

Mead & Hunt Team: Raymond Hamilton, Berry Still, Joey Derby

DESA:

Chao:

PAN:

Discussion Topics:

- I. Update of Consent/Denial Status (see attached summaries)
 - a. 26 roads exceeded consent requirement and can move forward
 - b. 6 roads are recommended to be dropped
 - i. 5 roads need confirmation from County on removal from list
 - ii. Kneece Rd has already been paved
 - c. 15 roads need concurrence from County on how to move forward

- II. Status of projects in Design (see attached summaries)
 - a. 8 projects currently being surveyed
 - b. 5 projects currently in design
 - i. All 5 projects currently projected to have 30% plan submittal in April

Year 3,4 50 Dirt Roads Quality Management
Citizen Call Log

Date	Name	Phone #	Road	Reference
3/16/18	Andrea Slaughter	803-782-3585	Hampton Williams Rd	No receipt of consent letter
4/5/18	Shannon Brazell	803-800-6188	Rocky Ridge Rd	Paving inquiry
6/7/18	Lawrence Spires	803-381-1287	Goffman Rd	Paving schedule for road

Group#2 PARISH	Road Reference #	Road Name	District	Length	Surveys		Prelim Plans (90%)		DPR	DPR Approved Plans		Construction Plans (95%)		Signed and Sealed Plans (100%)		NOI/Fermit and Challenge Report		County Detention Waiver		SCDOT Encroachment		Right-of-Way		Utility Reports	Project Status	Notes
					Complete	Submitted to M&H	Submitted to O&E	Submitted to M&H		Approved	Submitted to M&H	Submitted to O&E	Reviewed	Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E	Notes	Complete			
	11	High Valley Tr.	7	0.30	8/6/18	9/10/18																				
	12	W. W. ...	7	0.30	5/2/18	7/2/18																				
	13	W. ...	7	0.30	5/2/18	5/2/18																				
	14	W. ...	7	0.15	5/2/18	5/2/18																				
	15	Mount Pleasant Church Rd	7	0.15	5/2/18	5/2/18			5/24/18																	
	16	W. ...	7	0.15	5/2/18	5/2/18																				
	17	Davis Smith Rd	7	0.27	7/2/18	8/10/18																				
	18	Snow Rd	7	0.20	6/4/18	8/7/18																				
	19	W. ...	7	0.38	6/15/18	7/25/18																				
	20	Conover Road Rd	7	0.33	6/15/18	8/22/18																				

292

Legend:

- Non-Bid Date
- Projected Schedule
- Start Date
- Stop Date
- Project is Pending or Delayed
- Project is Pending or Delayed
- Pending Project Issues
- Project is Complete

Group #3 COX	Road Reference #	Road Name	District	Length	Surveys		Prelim Plans (DWA)		DPR Approved Plans	Construction Plans (95%)		Signed and Sealed Plans (100%)		NDI Permit and Drainage Report		County Detention Waiver		SCDOT Encroachment		Right-of-Way		Utility Reports		Project Status	Notes
					Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E		Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E	Submitted to M&H	Submitted to O&E		
	22	Massena Rd	8	0.36	7/6/18	7/6/18	7/6/18	8/2/18																	
	23	Bow-Shine Rd	9	0.41	7/20/18	7/20/18	7/20/18	8/7/18																	
	24	Village Rd	9	0.45	7/7/18	7/23/18	7/23/18	8/7/18																	
	25	Wendover Rd	9	0.56	7/20/18	7/20/18	7/20/18	8/2/18																	
	26	Smith St	9	0.56	7/20/18	7/20/18	7/20/18	8/2/18																	
	27	Mohr Rd	9	0.36	8/1/18	8/1/18	8/1/18	8/2/18	4/29/18																
	28	Neuse Tr	9	0.16	8/7/18	8/7/18	8/7/18	8/2/18																	
	29	Wendover Rd	9	0.32	8/7/18	8/7/18	8/7/18	8/2/18																	
	30	Fried-Way Rd	10	0.32	8/7/18	8/7/18	8/7/18	8/2/18																	

3.50

Legend:

- New Bid Date
- Prequalified Schedule
- Bid Date
- Project On Hold or Discontinued
- Prequalified/Prelet/Preleases
- Project is Complete

Group #4 CECS	Road Reference #	Road Name	District	Length	Surveys		Prelim Plans (PPN)		DPR		DPR Approved Plans		Construction Plans (SC)		Signed and Sealed Plans (SSP)		NOT Permit and Drainage Report		County Detention Waiver		SCOT/Encroachment		Right-of-Way		Utility Reports		Project Status	Notes	
					Complete	Submitted to M&H	Submitted to M&H	Submitted to O&T	Submitted to M&H	Approved	Submitted to M&H	Submitted to O&T	Submitted to M&H	Submitted to O&T	Submitted to M&H	Submitted to O&T	Submitted to M&H	Submitted to O&T	Submitted to M&H	Submitted to O&T	Submitted to M&H	Submitted to O&T	Submitted to M&H	Submitted to O&T	Submitted to M&H	Submitted to O&T			Submitted to M&H
31		Phlake Rd	10	0.32	6/15/18	7/13/18	7/13/18	7/13/18	8/15/18																				
32		Wilson Moore Rd	10	0.31	6/25/18	7/19/18	7/19/18	7/19/18	8/15/18																				
33		Spring Hill Loop	10	0.31	7/20/18	8/1/18	8/1/18	8/1/18	8/15/18																				
35		Bavelwood Rd	10	0.23	7/20/18	8/1/18	8/1/18	8/1/18	8/15/18																				
36		W 37th St	10	0.48	6/25/18	8/1/18	8/1/18	8/1/18	8/15/18																				
37		Pine St	10	0.24	6/21/18	7/17/18	7/17/18	7/17/18	7/27/18																				
38		Harrock Arch	10	0.24	6/21/18	7/17/18	7/17/18	7/17/18	8/15/18																				
39		Ross Shovel Ln	10	0.24	6/21/18	8/29/18	8/29/18	8/29/18	8/15/18																				
40		Highway 101/102 Rd	15	0.31	6/22/18	7/26/18	7/26/18	7/26/18	8/29/18																				

2.77

Legend:

- Now Bid Date
- Projected Schedule
- Actual Schedule
- Red Date
- Yellow Date
- Pending Project Hours
- Project Complete

Group #5 (M/I)	Road Reference #	Road Name	Object Length	Surveys		Prelim Plans (DPO)		DER		DPR Approved Plans		Construction Plans (PS)		Signed and Sealed Plans (100%)		NOI Permit and Drainage Report		County Detention Waiver		SCOOT Encroachment		Right-of-Way		Utility Reports		Project Status	Notes	
				Submitted to M&H	Comments to OET	Submitted to M&H	Comments to OET	Complete	Approved	Submitted to M&H	Approved	Submitted to M&H	Comments to OET	Submitted to M&H	Comments to OET	Submitted to M&H	Comments to OET	Submitted to M&H	Comments to OET	Submitted to M&H	Comments to OET	Submitted to M&H	Comments to OET	Submitted to M&H	Comments to OET			Submitted to M&H
41		Griff Field Lane	11	0.59	7/17/18	7/13/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	Design Exception required
42		Griff Field Lane	11	0.23	6/13/18	6/25/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	Design Exception required	
44		Lake Deepwood Circle S	11	0.16	6/14/18	6/22/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	Design Exception required	
45		Phyllis Road	11	0.24	6/14/18	6/22/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	Design Exception required	
47		Phyllis Road	11	0.25	6/14/18	6/22/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	Design Exception required	
49		Wider Road	11	0.13	6/14/18	6/22/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	Design Exception required	
50		Dogwood Shores Lane	11	0.43	6/14/18	6/22/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	7/17/18	Design Exception required	

2.81

Legend:

- Non-Bid Date
- Projected Schedule
- Actual Schedule
- Project On-Hold or Disposed
- Project in Progress
- Project Complete

Group	Year	HOLT Road Reference #	Council District	Road Name	Number of Tracts	Percent Denial (Max 25%)	30 Day Deadline Date	Consent/Denial Status	Design Status	ROW Status	Drainage Easement Status	ROW Issues	
Group 1	3,4	1	1	Lum Rd	12	25%	4/14/2018	3/27 - 12 delivered, 6 yes and 3 no	0%			25% NO, project removed	
		2	1	Broad Bluff Pt	7	29%	3/14/2018	3/27 - 7 delivered, 0 yes and 2 no	0%				29% NO, project removed
		3	1	Stone House Rd	23	17%	3/14/2018	3/23 - 23 delivered, 14 yes and 4 no	0%				Cleared for design
		4	1	Tall Oaks Dr	4	0%	3/14/2018	3/14 - 4 delivered, 4 yes and 0 no	0%				Cleared for design
		5	2	Russ Brown Rd	29	48%	3/14/2018	3/27 - 29 delivered, 2 yes and 14 no	0%		Obtained X out of 24 easements		48% NO, project removed
		6	2	N Hask Jacobs Rd	14	0%	3/14/2018	3/27 - 14 delivered, 10 yes and 0 no	0%				Cleared for design
		7	2	George Robertson Rd	26	0%	3/14/2018	3/27 - 26 delivered, 14 yes and 0 no	0%				Cleared for design
		8	2	Brazio Rd	9	0%	3/14/2018	3/27 - 7 delivered, 7 yes and 0 no	0%				2 undelivered (22%), cleared for design
		9	2	Maggie Hipp Rd	7	0%	3/14/2018	3/27 - 7 delivered, 5 yes and 0 no	0%				Cleared for design
		10	3	Faust St	5	0%	3/14/2018	3/27 - 5 delivered, 2 yes and 0 no	0%				Cleared for design



TRANSPORTATION PROGRAM

Memo

To: Dr. John M. Thompson, Ph.D., MBA, CPM
From: David Beaty, P.E.
Date: September 5, 2018
Re: Richland County Dirt Road Program – Review of Program and Recommendations
Moving Forward

It is the intent of this memorandum to provide an overview of the status of the Richland County Dirt Road Paving Program (PROGRAM) per recent review by the Program Development Team (PDT) and to provide recommendations regarding the path forward.

The Richland County Dirt Road Paving Program, included in the 2012 Penny Sales Tax Referendum in the amount of \$45 Million, prioritized the county's dirt road inventory for paving into a Program Start, Years 1 & 2, Years 3 & 4 and Unfunded categories. The Program Start category included those dirt road projects that had previously been designed and were ready for construction, while those roads included in the other categories had no project development begun to-date. Richland County has previously contracted with Dennis Corporation, Mead & Hunt, Inc. and the remaining four On-Call Engineering Teams (OET's) comprising of CECS, Inc., Parrish & Partners, LLC, Cox & Dinkins, Inc. and Holt Consulting Company, LLC to manage, design and acquire necessary rights-of-way for the Years 1 & 2 and Years 3 & 4 prioritized projects. Below is a brief history of the Dirt Road Paving Program and summary of the status of previous and current contracts.

The development of a dirt road paving prioritization list was the first phase of work conducted by Richland County staff related to the PROGRAM. A listing of all dirt roads within the County was provided to staff by Richland County Public Works, including information related to lengths, rights-of-way (as available) and numbers of residences and businesses accessing each dirt road. Prioritization was then developed by staff per the criteria and procedures as established by the Richland County Dirt Road Paving Ordinances (Section 21-20). A "cost per occupant" was calculated for each road establishing the list of priority, ranked by cost per occupant. In order to equitably distribute funding throughout the entire county, funding for each district was pro-rated as a function of the district dirt road mileage and total program funding. This priority listing



TRANSPORTATION PROGRAM

and ranking was then utilized by County staff to develop the Program Start, Years 1 & 2, Years 3 & 4 and Unfunded program distributions.

Initial priority was given to those roads in the Program Start category, a total of 37 roads. These roads were previously designed by others (prior to the 2012 Sales Tax Program) and were ready to move forward with rights-of-way acquisitions and then procurement. Of the 37 roads included in the Program Start category, 30 roads were constructed under Dirt Road Paving Packages B, C, D and E. Dirt Road Paving Package A was cancelled due to high bids and those roads included in the package moved to Package B. The remaining 7 roads in this category were removed due to property owner refusals.

Dennis Corporation (Years 1 & 2):

Richland County contracted with Dennis Corporation to provide Program Management services for the Dirt Road Paving Program for the Years 1 & 2 prioritized projects, with the potential for contract extension to include the Years 3 & 4 projects. This contract included program management (program budget, scheduling, quality control / quality assurance, etc), surveys, design, rights-of-way acquisitions and other necessary services to develop the projects to the construction stage. Richland County staff were responsible for the management of this contract. The contract included (144) dirt roads to be developed over the first two years of the program; however, Richland County chose not to renew this contract in 2017. No work has been progressed on the projects included in this contract upon expiration of the contract. Table 1 below summarizes the status of the roads included in this contract.



TRANSPORTATION PROGRAM

Table 1: Status Summary of Dennis Corporation Years 1 & 2 Contract

Roads Status	No. of Roads
Roads Dropped from Consent-Denial Process	41
Roads Constructed To-Date	
Package F	1
Package G	2
Package H	5
Transportation Improvement Contract No. 1	14
Roads Assigned to Mead & Hunt, Inc (see section immediately below)	39
Roads Remaining (see note*)	42
Total Projects	144

*Note: The remaining 42 dirt roads included in this contract are in various stages of project development, rights-of-way acquisitions, permitting and / or utility coordination. No work has been progressed (management or design) on the projects included in this contract upon expiration of the contract.

Mead & Hunt, Inc. (39 Dirt Roads) (Years 1 & 2):

Richland County contracted with Mead & Hunt, Inc. in 2017 to develop (39) dirt roads included in the Years 1 & 2 category that had not begun development to-date or had not been developed past the preliminary design stage (30% completion). The contract included design, rights-of-way acquisitions, and other necessary services to develop the projects to the construction stage. Richland County staff were responsible for all program and contract management associated with this contract. The roads included in this contract were split into three separate groupings with Richland County providing Notices to Proceed on each group as the previous group was developed to a certain stage. This contract is currently active. Table 2 below summarizes the status of the roads included in this contract.



TRANSPORTATION PROGRAM

Table 2: Status Summary of Mead & Hunt, Inc Years 1 & 2 Contract (39 Dirt Roads)

Roads Status	No. of Roads
Under Construction / Construction Complete	5
Ready for Construction	12
Roads On-Hold (see note**)	8
In R/W Negotiations	6
In Design / Permitting	8
Total	39

**Note: Roads On-hold include those that have issues specific to rights-of-way acquisitions (heir's properties, property owner refusals, etc).

OET Dirt Roads Contracts (Years 3 & 4):

Richland County contracted with the On-Call Engineering Teams (OET's) to develop (50) of the Years 3 & 4 prioritized dirt roads in January 2018. Each OET received (10) roads to develop and Richland County contracted with Mead & Hunt, Inc. to provide quality assurance / quality control of all plan / project deliverables associated with this contract. Richland County staff were responsible for all contract management associated with this contract. This contract is currently active. Table 3 below summarizes the status of the roads included in this contract.

Table 3: Status Summary of OET Dirt Roads Contracts (Years 3 & 4)

Roads Status	No. of Roads
Roads Dropped from Consent-Denial Process	11
Under Construction / Construction Complete	0
Ready for Construction	0
Roads On-Hold (see note***)	28
In Design / Permitting	11
Total	50

***Note: Roads On-hold include those with design and / or environmental issues encountered, and those on-hold pending rights-of-way acquisition decision (fee simple or easements)



TRANSPORTATION PROGRAM

A total of 56 roads have been constructed, or are under contract for construction, since the inception of the PROGRAM. Thirty (30) of the 56 were included in the Program Start category. Included with a review of the previous contracts and project status, a review of the PROGRAM funding was also conducted. To-date, approximately \$20 million has been committed; this value includes all contracts related to program management, design, rights-of-way acquisitions and construction-related activities. The 2012 Penny Sales Tax included a total funding of \$45 million for dirt roads, leaving a total of \$25 million remaining.

Prior to June 5, 2018, the PDT was tasked and contracted by Richland County to provide final design plan reviews, procurement and construction inspections of projects designed by others; Richland County staff was responsible for all other aspects of the PROGRAM, including contract and consultant management, project management, etc. On June 5, 2018, Richland County Council directed that the PDT begin providing program management services of the Dirt Road Paving Program. These services include the following; management of On-Call Engineering Teams (OET's), schedule updates, coordination with County staff and departments, program review and recommendations and continued procurement and construction inspection services, etc. The PDT has not been directed to conduct design or rights-of-way acquisition services; these activities will continue to be contracted between Richland County and OET's and managed by the PDT.

Other miscellaneous issues related to the PROGRAM have been discovered, or brought to the attention of the PDT during the current PROGRAM review as discussed above. These additional issues are discussed below.

In July 2018, Richland County staff held an internal meeting to discuss rights-of-way acquisitions and processes related to the PROGRAM. Resulting from this meeting, it was relayed to the PDT that all acquisitions related to the PROGRAM should be obtained through dedicated, fee simple rights-of-way instead of by easements. This direction was a contradiction given to the OET's by previous Richland County staff. Per this direction, the PDT told all OET's to cease all acquisition services pending a discussion and decision on the matter. The PDT held a meeting with Richland County staff on August 20, 2018 including personnel from Public Works, Assessor's Office, Legal and Transportation to discuss this matter. As a result of the meeting, it was determined that the decision should be made as a matter of policy; however, either fee simple rights-of-way or rights-of-way by easement would suffice for the County's needs regarding making improvements future maintenance related to the dirt roads. Per Richland County ordinances, it was intended that all rights-of-way for dirt road paving is to be acquired through dedication by adjacent landowners instead of direct compensation for the necessary rights-of-way areas. The ordinances do allow



TRANSPORTATION PROGRAM

for compensation and / or condemnation; however, these would need to be exceptional instances and must be brought forth and approved by County Council (Section 21-23). No condemnations or compensations have been utilized in this PROGRAM to-date. See Exhibit A below for a table of easement versus fee simple rights-of-way comparisons.

Exhibit A: Easements vs. Fee Simple Rights-of-Way Comparisons

Easements	
Pros	Cons
Easier to obtain	
Landowner retains ownership of all areas	
County obtains all necessary rights for improvements & maintenance	
Fee Simple	
Pros	Cons
County obtains full ownership of areas for perpetuity	More difficult & time-consuming (cost to County) to obtain
	Has greater potential to affect schedules and / or cause projects to be dropped

Also discussed at the August 20, 2018 meeting was the County’s desire to acquire a minimum 50 foot total right-of-way for all dirt roads, excepting unusual circumstances. It was determined that all future dirt roads to be developed would show a 50 foot total right-of-way and coordinate any exceptions to this width through the Public Works department for their concurrence prior to any acquisition activities.

Upon review of the priority listing, and upon field and desk-top level reviews, some of the roads listed for paving do not seem to meet the criteria as established by the County’s ordinance, while other roads not on the priority listing seem to be more worthy candidates for paving, instead. For example, upon a recent field review of a road, Breazio Road, it was observed that this road had not been maintained by the County in a very long time – trees and brush were beginning to grow up within the travel-way; thus the existing roadway was impassable by a vehicle. No homes or businesses were accessed from this road. However, upon review of the priority and ranking criteria for this road, a home was noted as accessing this road, thus giving it a ranking. Other roads have been observed to only service homes that are currently abandoned, or inhabitable. Another issue that has been observed is that some of the dirt roads of higher priority are roads



TRANSPORTATION PROGRAM

that intersect other longer dirt roads that are currently un-funded. Should these roads move forward, then a person would travel from a paved road to a dirt road and then on to another paved road. Therefore, it is recommended that these instances be brought forth to the attention of the Dirt Road Ad Hoc Committee for direction in the future.

RECOMMENDATIONS:

Upon review of the overall status of the previous and existing contracts and in an effort to align the PROGRAM with remaining funding, the following are recommendations for moving forward:

- Acquire all new rights-of-way as an easement, instead of fee simple.
- PDT to conduct a thorough review of the remaining (42) dirt roads included in the Dennis Corporation Years 1 & 2 contract to determine the specific status of each project and move them forward to construction. It is likely that these projects will require that a contract be procured with OET's to complete this work.
- Continue to develop construction packages and bid documents for those dirt roads that are completed as part of the Mead & Hunt, Inc. 39 Dirt Roads contract. It is our understanding that some of these projects could be let for construction within a few months.
- Continue to develop current projects included in the OET Years 3 & 4 contracts.
- (56) roads have been constructed to-date for a total committed cost of approximately \$20 million. Based on the available funding of approximately \$25 million, it is estimated that all of the projects that are currently in development, along with the (42) roads included in the previous Dennis Corporation contract can be developed into construction projects. It is recommended to defer any new design contracts until it can be verified that all currently contracted projects can be constructed.

APPENDICES:

Appendix A: List of original Years 1 & 2 and Years 3 & 4 projects.

Appendix B: Summary listing of all previous and current construction & procurement packages.



RICHLAND TRANSPORTATION PENNY PROGRAM
DIRT ROAD PAVING PROGRAM
Years 1 & 2 Dirt Road Listing

No.	Years 1 & 2 Dirt Roads
1	Allen Kelly Ct
2	Amenity Ct
3	Amick Dr
4	Anderson Street
5	Anna Sites Rd
6	Archer Ave
7	Archie Rd
8	Ashbury St
9	Bailey Slice Rd
10	Barberville Loop
11	Bettys Ln
12	Billie Jacobs Rd
13	Bluff Oaks Rd
14	Brawley Rd
15	Braziel Hill Rd
16	Broad Bluff Ct
17	Buddy Eargle Rd
18	Cabin Cove Rd
19	Cadia Dr
20	Calvin Mays Rd
21	Carrie Anderson Rd
22	Coley Rd
23	Country Place Ln
24	Crest St
25	Cyrus Weston Rd
26	Dawning Ln
27	Della Mae Ct
28	Deloach Dr
29	Doretha Ln
30	Dry Branch Way
31	Earheart Road
32	Eastview Dr
33	Edward View Rd
34	Ehrlich St
35	Elton Walker Rd
36	Emma Rd
37	Entzminger Rd
38	Fairwold St
39	Frasier St
40	Gene Dr
41	George Lowman Rd
42	Goff Rd
43	Goffman Rd
44	Goodwin Way
45	Grant Rd
46	Hall St
47	Hastings Aly
48	Hattie Rd
49	Haven Cir
50	Henry Clark Rd
51	Henry Thomas Rd
52	House Rd
53	Howard Coogler Rd
54	Hrinda Way
55	Jackson Park Rd
56	Jackson Rd
57	Jasper Lykes Ln



TRANSPORTATION PROGRAM

- 58 Jeter St
- 59 Jilda Dr
- 60 Jim Addy Rd
- 61 Joustler St
- 62 Julian Addy Cir
- 63 Kelly Cir
- 64 Ken Webber Rd
- 65 Kepper Drive
- 66 Kingsman Rd
- 67 La Brew Dr S
- 68 Lacaya Rd
- 69 Lakeview Rd
- 70 Larger St
- 71 Laura Ln
- 72 Lillie Rosa Cir
- 73 Lincoln Rd
- 74 London Ave
- 75 Lorick Rd
- 76 Lyles Maple St
- 77 Manus Rd
- 78 Mary St
- 79 McDowell Ln
- 80 Meadow Ln
- 81 Medlins Dr
- 82 Merrylane Rd
- 83 Mickens Road
- 84 Miller Rd
- 85 Minger Rd
- 86 Mrs Mack's Rd
- 87 Nassau Dr
- 88 Nathan Ridge Ln
- 89 Net Dean Rd
- 90 New Hope Dr
- 91 Normandy Rd
- 92 Old Creek Rd
- 93 Old Palmetto Cir
- 94 Ollie Dailey Rd
- 95 Paul Rd
- 96 Peachtree Dr
- 97 Pebble Shore Rd
- 98 Pine Thicket Cir
- 99 Pringle Rd
- 100 Ralph Counts Dr
- 101 Ravenbrook Rd
- 102 Riddle Landing Rd
- 103 Robert James Rd
- 104 Robert McKenzie Rd
- 105 Rockerfella Ln
- 106 Rocky Rd
- 107 Roosevelt Rd
- 108 Rosa Wilson Rd
- 109 S Hask Jacobs Rd
- 110 S Perkins Rd
- 111 S Scott Rd
- 112 Saddlemount Dr
- 113 Sandhill Estates Rd
- 114 Sara Matthews Rd
- 115 Sassafras Rd
- 116 SE Sedgewood Rd
- 117 Shadow Mist Ln
- 118 Shady Grove Church Rd



TRANSPORTATION PROGRAM

- 119 Sid Eargle Rd
- 120 Smith Myers Rd
- 121 Smithcreek Rd
- 122 Spring Creek Rd
- 123 Suber Rd
- 124 Sulton Johnson Rd
- 125 Summer Crest Rd
- 126 Summer Haven Dr
- 127 Taylor Arch Rd
- 128 Thelma Hicks Rd
- 129 Timmons Rd
- 130 Tuck Ct
- 131 Tucker Town Ct
- 132 Twin Ponds Rd
- 133 Valarie Rd
- 134 W Miriam Ave
- 135 Wages Rd
- 136 Walter McCartha Rd
- 137 Walters Trl
- 138 Westchester Ave
- 139 Wilbur Bickley Rd
- 140 Willa Dr
- 141 Willard Bouknight Rd
- 142 Willow Wind Rd
- 143 Wood Cone Trl
- 144 Youngs Chapel Church Rd



RICHLAND TRANSPORTATION PENNY PROGRAM
DIRT ROAD PAVING PROGRAM
Years 3 & 4 Dirt Road Listing

No.	Years 3 & 4 Dirt Roads
1	Adams Pond Rd
2	Adams Scott Rd
3	Amick Ln
4	Bakersland Road
5	Barbara Dr
6	Barkley Rd
7	Barney Ln
8	Bisbane Rd
9	Bow String Rd
10	Breazio Rd
11	Broad Bluff Pt
12	Brown Rd
13	Bruton Rd
14	Carrison St
15	Claytor Rd
16	Cornell Adams Run
17	Daffodil Ln
18	Davis Smith Rd
19	Dogwood Shores Ln
20	Eastwind Rd
21	Edmonds Farm Rd
22	Faust St
23	Flatrock Arch
24	Friend Way Rd
25	George Chapman Rd
26	George Robertson Rd
27	George Washington Lane
28	Goff Field Ln
29	Goff Pond Rd
30	Goodside Rd
31	Governor Pond Rd
32	Graddick Rd
33	H L Clarkson Rd
34	Haithcock Rd
35	Hampton Williams Rd
36	Harriet Dr
37	High Valley Trl
38	Hobart Rd
39	House Cir
40	Huggins Ave
41	Jessie Derrick Rd
42	Jessie Stoudemayer Rd
43	Jilda Dr
44	Johnny Lorick Rd
45	Keithwood Ln
46	Kneece Rd
47	Lake Dogwood Cir S
48	Lateesha Rd
49	Lonesome Pine Trl
50	Lum Rd
51	Maggie Hipp Rd
52	ME Cunningham Rd
53	Melton Rd
54	Miles Bowman Rd
55	Miller Eleazer Rd
56	Mount Pilgrim Church Rd
57	N Hask Jacobs Rd



TRANSPORTATION PROGRAM

- 58 Nature Trl
- 59 NE Shady Grove Rd
- 60 Neal Furgess Ln
- 61 Pearlott Ln
- 62 Pineboro Lane
- 63 Pineview Rd
- 64 Poe St
- 65 Prioleau Rd
- 66 Ravenbrook Rd
- 67 Redbud Dr
- 68 Rosa Dowdy Ln
- 69 Roy Corbett Rd
- 70 Russ Brown Rd
- 71 S Roy Rd
- 72 Saddlemont Ln
- 73 Sam Dubard Rd
- 74 Sandy St
- 75 Sid Bickley Rd
- 76 Silas Corley Rd
- 77 Slab Pile Rd
- 78 Snow Rd
- 79 South Dr
- 80 Stone House Rd
- 81 Strawberry Ridge Ln
- 82 Sumpter Loop
- 83 Swygert Ln
- 84 Tall Oaks Dr
- 85 Tally Adams Rd
- 86 Vallenga Rd
- 87 Wayne McCaw Rd
- 88 Wessinger Ln
- 89 Wider Rd
- 90 Wil Stel Trl
- 91 Wilcox Rd
- 92 Wild Goose Rd
- 93 William Janie Sims Cir
- 94 Wilson Cir
- 95 Wilson McCoy Rd
- 96 Yelton Ln
- 97 Youngs Chapel Church Rd

**RICHLAND TRANSPORTATION PENNY PROGRAM
DIRT ROAD PAVING PROGRAM
CONSTRUCTION AND PROCUREMENT PACKAGES TO-DATE SEPTEMBER 2018**

DIRT ROAD PACKAGE	ROADS	STATUS	NOTES
2014 Dirt Road Paving Package "A"	NO AWARD		Bids too high; package re-bid as "B"
2014 Dirt Road Paving Package "B"			
2014 Dirt Road Paving Package "B"	Ethels Avenue	Complete	
2014 Dirt Road Paving Package "B"	Harold Street	Complete	
2014 Dirt Road Paving Package "B"	India Street	Complete	
2014 Dirt Road Paving Package "B"	Peafowl Road	Complete	
2014 Dirt Road Paving Package "B"	Pilgrim Road	Complete	
2014 Dirt Road Paving Package "B"	Prestley Drive	Complete	
2014 Dirt Road Paving Package "B"	Tammy Drive	Complete	
2014 Dirt Road Paving Package "B"	Ted Street	Complete	
2014 Dirt Road Paving Package "B"	Townsend Street	Complete	
2014 Dirt Road Paving Package "B"	William Duffie Road	Complete	
2014 Dirt Road Paving Package "C"			
2014 Dirt Road Paving Package "C"	Alley Road (removed)	Removed	
2014 Dirt Road Paving Package "C"	Annie Entzminger Court	Complete	
2014 Dirt Road Paving Package "C"	Cedar Grove Lane	Complete	
2014 Dirt Road Paving Package "C"	Cheek Street	Complete	
2014 Dirt Road Paving Package "C"	Cherry Lane (removed)	Removed	
2014 Dirt Road Paving Package "C"	Christy Creek Court	Complete	
2014 Dirt Road Paving Package "C"	Clayton Street	Complete	
2014 Dirt Road Paving Package "C"	Cliff Anderson Road	Complete	
2014 Dirt Road Paving Package "C"	Griggs Street	Complete	
2014 Dirt Road Paving Package "C"	Jim Eleazer Road (removed)	Removed	
2014 Dirt Road Paving Package "C"	Polk Street	Complete	
2014 Dirt Road Paving Package "C"	Sarah Road	Complete	
2014 Dirt Road Paving Package "C"	Tiger Paw Lane	Complete	
2014 Dirt Road Paving Package "C"	Winterwood Court	Complete	
2014 Dirt Road Paving Package "C"	Zachary Lane	Complete	
2014 Dirt Road Paving Package "D"			
2014 Dirt Road Paving Package "D"	Boylston Road	Complete	
2014 Dirt Road Paving Package "D"	Dunes Point	Complete	
2014 Dirt Road Paving Package "D"	Overlook Drive	Complete	
2014 Dirt Road Paving Package "E"			
2014 Dirt Road Paving Package "E"	Kirk Road	Complete	
2014 Dirt Road Paving Package "E"	Pleasant Grove Lane	Complete	
2014 Dirt Road Paving Package "E"	PR Webber Road	Complete	
2014 Dirt Road Paving Package "E"	Simon Weston Road	Complete	
2014 Dirt Road Paving Package "E"	Sumpter Road	Complete	
2015 Dirt Road Paving Package "F"			
2015 Dirt Road Paving Package "F" (Jouster	Jouster St	Complete	

2018 Dirt Road Paving Package "G"

2018 Dirt Road Paving Package "G"	La Bew Drive	Under Contract	
2018 Dirt Road Paving Package "G"	London Avenue	Under Contract	

2018 Dirt Road Paving Package "H"

2018 Dirt Road Paving Package "H"	Bluff Oaks Road	Under Contract	
2018 Dirt Road Paving Package "H"	Net Dean Road	Under Contract	
2018 Dirt Road Paving Package "H"	S Hask Jacobs Road	Under Contract	
2018 Dirt Road Paving Package "H"	Sara Matthews Road	Under Contract	
2018 Dirt Road Paving Package "H"	W Miriam Avenue	Under Contract	

Transportation Improvement Contract 1

Transportation Improvement Contract 1	Amenity Ct	Complete	
Transportation Improvement Contract 1	Archer Ave	Complete	
Transportation Improvement Contract 1	Ashbury St	Moved to Package H	Utility issues, project to be completed under Package H construction
Transportation Improvement Contract 1	Cabin Cove Rd	Complete	
Transportation Improvement Contract 1	Della Mae Ct	Moved to Package G	Utility issues, project to be completed under Package G construction
Transportation Improvement Contract 1	Deloach Dr	Complete	
Transportation Improvement Contract 1	Hattie Rd	Complete	
Transportation Improvement Contract 1	Jeter St	Complete	
Transportation Improvement Contract 1	Miller Rd	Complete	
Transportation Improvement Contract 1	Minger Rd	Moved to Package H	Utility issues, project to be completed under Package H construction
Transportation Improvement Contract 1	Nassau Dr	Complete	
Transportation Improvement Contract 1	Normandy Rd	Complete	
Transportation Improvement Contract 1	Paul Rd	Complete	
Transportation Improvement Contract 1	Pringle Rd	Complete	
Transportation Improvement Contract 1	Robert James Rd (removed)	Removed	Survey issues discovered during construction; project under re-design
Transportation Improvement Contract 1	Shady Grove Church Rd	Complete	
Transportation Improvement Contract 1	Tuck Ct	Complete	
Transportation Improvement Contract 1	Tucker Town Ct	Complete	
Transportation Improvement Contract 1	Westchester Ave	Complete	

2018 Dirt Road Paving Package "I"

2018 Dirt Road Paving Package "I"	Amick Dr	Under Procurement	
2018 Dirt Road Paving Package "I"	Billie Jacobs Rd	Under Procurement	
2018 Dirt Road Paving Package "I"	Cadia Dr	Under Procurement	
2018 Dirt Road Paving Package "I"	Erhlich St	Under Procurement	
2018 Dirt Road Paving Package "I"	Hall St	Under Procurement	
2018 Dirt Road Paving Package "I"	Julian Addy Cir	Under Procurement	
2018 Dirt Road Paving Package "I"	Manus Rd	Under Procurement	
2018 Dirt Road Paving Package "I"	Meadow Ln	Under Procurement	
2018 Dirt Road Paving Package "I"	Mrs. Macks Rd	Under Procurement	
2018 Dirt Road Paving Package "I"	S.E. Sedgwood Rd	Under Procurement	
2018 Dirt Road Paving Package "I"	Summer Haven Dr	Under Procurement	
2018 Dirt Road Paving Package "I"	Youngs Chapel Church Rd	Under Procurement	



January 30, 2017

Matt Hines
Engineering Manager
Dennis Corporation
1800 Huger Street
Columbia, SC 29201

**Re: Richland County Dirt Road Project
Sara Matthews Road
Richland County
SCE&G OWIP # 27150 (Electric Distribution)**

Dear Matt:

Please find enclosed the Utility Agreement along with an estimate, relocation drawing, and prior rights research for the above mentioned project in Richland County, SC.

Please return executed Utility Agreement to my attention.

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

Sincerely,

A handwritten signature in blue 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.) Sara Matthews Road

This Agreement made this _____ day of _____, 20 17, 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

\$ 13,868.00

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)

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 (1/30/17) 

TITLE: Highway Coordinator

RICHLAND COUNTY

BY: _____

South Carolina Electric and Gas Company

OWIP Invoice / Estimate

Report Date: 01/30/2017

WO #: 027150

Project Title: SARA MATTHEWS RD=RELOCATION

Work Request #: 195685

Work Area: PINEYWOODS CREW HDQR

Designer: POOLE, GERRY

Tax District: 401AXX NORTH EAST AREA

Coordinator: POOLE, GERRY

Schedule Start: 12/27/2017

Drawing #:

Schedule Comp: 12/29/2017

Nature of Request: RELOCATE POLES FOR ROAD CONSTRUCTION

Description	Estimated Cost
Material Cost	\$2,426
Line Salvage	\$0
Stores and Handling	\$254
Total Construction Labor	\$2,970
Total Labor Overheads	\$1,335
Total Transportation Charges	\$1,247
Administrative Overheads	\$1,636
R/W Clearing	\$4,000
Associated Cost	
Sub Total	\$13,868
Customer Credit / Betterment	\$0
Total Cost	\$13,868

Approvals _____ **Date:** _____

Note: A Copy Of This Document Must Accompany Customers Remittance.

Estimate Date - 2017-01-24



March 13, 2017

Matt Hines
Engineering Manager
Dennis Corporation
1800 Huger Street
Columbia, SC 29201

**Re: Richland County Dirt Road Project
Bluff Oaks Road
Richland County
SCE&G OWIP # 27158 (Electric Distribution)**

Dear Matt:

Please find enclosed the Utility Agreement along with an estimate, relocation drawing, and prior rights research for the above mentioned project in Richland County, SC.

Please return executed Utility Agreement to my attention.

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

SCE&G OWIP
27158
(Dist.)

Project # _____ Agreement # _____

UTILITY AGREEMENT

Richland County Project No. _____ Route (or Road No.) Bluff Oaks Road

This Agreement made this _____ day of _____, 2017, 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

\$ 14,859.00

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)

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 (3/13/17) 

TITLE: Highway Coordinator

RICHLAND COUNTY

BY: _____

South Carolina Electric and Gas Company

WORK ORDER ESTIMATE - 03/10/2017

197745

Region	METRO COLUMBIA	Designer Name	RAINES, RUSSELL
Work Area	METRO COLUMBIA CREW HDQR	Coordinator	RAINES, RUSSELL
Work Request Nm	197745	Work Type	MISC BILLING JOB ORDER
Work Order	027158	Drawing #:	82509-01
Start Date			
Project Title	PAVING BLUFF OAKS ROAD PENNY TAX		
Funding Project			

Nature of Request RELOCATING POLES ON BLUFF OAKS RD FOR UPCOMING PENNY TAX PAVING PROJECT

	<i>Capital</i>	<i>Retirement</i>	<i>Lighting</i>	<i>Assoc. Capital</i>	<i>O/M Costs</i>
Material	\$1,853	\$0	\$0	\$266	\$0
Stores Overhead	\$111	\$0	\$0	\$258	\$0
Company Labor	\$0	\$0	\$0	\$0	\$0
Payroll Overhead	\$0	\$0	\$0	\$0	\$0
Contract Labor	\$4,512	\$1,283	\$0	\$1,289	\$0
Transportation	\$0	\$0	\$0	\$0	\$0
Voucher Amount	\$3,500	\$0	\$0	\$0	\$0
Credit/Debit	\$0	\$0	\$0	\$0	\$0
Line Salvage	\$0	\$0	\$0	\$0	\$0
R/W Clearing	\$0				
Sub Total	\$9,976	\$1,283	\$0	\$1,813	\$0
Admin and Engr	\$1,335	\$172	\$0	\$243	\$0
CIAC Tax	\$0	\$0	\$0	\$0	\$0
AFUDC	\$37				
Total	\$11,348	\$1,455	\$0	\$2,056	\$0
Project Cost	\$14,859		\$0		
Est Ann Rev			\$0		
Revenue Ratio	0				
Contribution Req					

Approval Routing	Initial	Date
REVIEW ONLY	_____	_____

APPENDIX B

FAIRFIELD ELECTRIC CO-OP UTILITY AGREEMENT



**FAIRFIELD
ELECTRIC
COOPERATIVE, INC.**

Your Touchstone Energy® Partner



November 29, 2016

Mr. Rob Perry
Richland County Penny Sales Tax
Transportation Director
2020 Hampton Street
Columbia, SC 29201

Ref: Richland County DRP
• Road Name: La Brew Drive

We have been requested to relocate our facilities in conflict with the subject project.

Enclosed are construction drawings, cost estimates for both underground and overhead, and the existing right of way easements for this road. Please let us know if you would like to proceed with the overhead or underground option.

Please contact Dennis Franklin project staking engineer at #803-635-4621 to coordinate the relocation of the distribution facilities.

Since no work will begin on our part prior to your authorization, please send to this office in writing your signed letter of authorization when this proposal has been approved. We shall then proceed with our relocation.

Sincerely,

A handwritten signature in black ink, appearing to read "Bruce Bacon", with a long, sweeping underline.

Bruce Bacon
Vice-President of Operations

UTILITY AGREEMENT

Richland County Project No. _____ Route (or Road No.) _____
LaBrew Drive (Dirt Road)

This Agreement made this 14th day of February, 2018, by and between Richland County, hereinafter called "County" and the Fairfield Electric 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: Relocate Overhead Electric Poles and Lines

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

\$17,978.55

Richland County Share \$17,978.55 Utility Share \$0.00

(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, SC
(City and State)

(b) This section of line (for purposes of establishing right-of-way priorities only) has been in service for approximately 60 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)
The utility is not adequately staffed and equipped to perform such work with its own forces and equipment at a time convenient to and in coordination with the associated road construction

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: Fairfield Electric Cooperative

ADDRESS PO Box 2500

Blythewood, SC 29016

BY: Bruce Bacon 

TITLE: V.P. Operations

RICHLAND COUNTY

BY: _____

Project Estimation Report

Work Request #

Work Request Desc La Brew Drive Overhead Estimate

I/R	Qty	R UNIT	I UNIT	Cost Unit	CU Description	Material Cost	Salvage Value	Labor Install	Labor Remove
I	1240		\$ 0.45	\$ 0.21	4 ACSR	\$ 260.40		\$ 558.00	\$ -
R	1240	\$ 0.55			4 ACSR				\$ 682.00
I	3		\$ 235.00	\$ 244.00	Pole 40 Class 4	\$ 732.00		\$ 705.00	\$ -
R	3	\$ 100.00			Pole 40 Class 4				\$ 300.00
I	4		\$ 12.00	\$ 4.87	GUY GUARD	\$ 19.48		\$ 48.00	\$ -
R	4	\$ 10.00			GUY GUARD				\$ 40.00
I	4		\$ 65.00	\$ 35.00	Anchor 5/8 Single Helix	\$ 140.00		\$ 280.00	\$ -
R	4	\$ 50.00			Anchor 5/8 Single Helix				\$ 200.00
I	3	\$ 117.23		\$1,029.00	7200 SINGLE PHASE TX		\$ 3,087.00	\$ -	\$ 351.69
R	3		\$ 210.96	\$1,029.00	7200 SINGLE PHASE TX	\$ 3,087.00		\$ 632.88	\$ -
I	4	\$ 22.51			3/8 DOWN GUY AL	\$ -		\$ -	\$ 90.04
R	4		\$ 68.78	\$ 13.96	3/8 DOWN GUY AL	\$ 55.84		\$ 275.12	\$ -
I	3				COMBO SWITCH/ARRESTOR	\$ -		\$ -	\$ -
R	3	\$ 80.00		\$ 187.00	COMBO SWITCH/ARRESTOR	\$ 561.00		\$ 240.00	\$ -
I	3	\$ 195.00			14.4 KV PRI SNG PH TAP	\$ -		\$ -	\$ 585.00
R	3		\$ 185.00	\$ 205.00	14.4 KV PRI SNG PH TAP	\$ 615.00		\$ 555.00	\$ -
I	3	\$ 38.26			GUY WITH INSULATING LINK	\$ -		\$ -	\$ 114.78
R	3		\$ 60.72	\$ 16.00	GUY WITH INSULATING LINK	\$ 48.00		\$ 182.16	\$ -
I	3	\$ 10.40			14.4 GROUND ROD	\$ -		\$ -	\$ 31.20
R	3		\$ 36.80	\$ 6.16	14.4 GROUND ROD	\$ 18.48		\$ 110.40	\$ -

Totals	\$ 5,537.20	\$ 3,087.00	\$ 3,566.56	\$ 2,394.71
Indirect Costs			\$ 3,031.58	\$ 2,035.50
Total Labor			\$ 6,598.14	\$ 4,430.21
Total Install Costs	\$ 12,135.34			
Tree Trimming Costs	\$ 4,500.00			
Total Removal Cost	\$ 4,430.21			
Total Salvage Value	\$ 3,087.00			
Total Project Cost	\$ 17,978.55			



**FAIRFIELD
ELECTRIC**
COOPERATIVE, INC.

Your Touchstone Energy® Partner



November 29, 2016

Mr. Rob Perry
Richland County Penny Sales Tax
Transportation Director
2020 Hampton Street
Columbia, SC 29201

Ref: Richland County DRP
Road Name: Net Dean Road

We have been requested to relocate our facilities in conflict with the subject project.

Enclosed are construction drawings, cost estimates for both underground and overhead, and the existing right of way easements for this road. Please let us know if you would like to proceed with the overhead or underground option.

Please contact Dennis Franklin project staking engineer at #803-635-4621 to coordinate the relocation of the distribution facilities.

Since no work will begin on our part prior to your authorization, please send to this office in writing your signed letter of authorization when this proposal has been approved. We shall then proceed with our relocation.

Sincerely,

A handwritten signature in black ink, appearing to read "Bruce Bacon", with a long, sweeping underline.

Bruce Bacon
Vice-President of Operations

UTILITY AGREEMENT

Richland County Project No. 709 Route _____ (or Road No.) _____
Net Dean Road

This Agreement made this 18 day of September, 2017, by and between Richland County, hereinafter called "County" and the Fairfield Electric Cooperative - Blythewood

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: Relocate Power poles and associated guy wires as specified in the plans.

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

\$42,778.90

Richland County Share \$ \$42,778.90 Utility Share \$ \$0.00

(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)

Elgin, SC
(City and State)

(b) This section of line (for purposes of establishing right-of-way priorities only) has been in service for approximately 42 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)

The utility is not adequately staffed and equipped to perform such work with its own forces and equipment at a time convenient to and in coordination with the associated road construction.

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: Fairfield Electric
ADDRESS ~~P.O. Box 2500~~ P.O. Box 2500
131 Lythe wood, SC 29016
BY: [Signature]
TITLE: V.P. of operations

RICHLAND COUNTY

BY: _____

Project Estimation Report

Work Request #

Work Request Desc Net Dean Road Overhead estimate

I/R	Qty	R UNIT	I UNIT	Cost Unit	CU Description	Material Cost	Salvage Value	Labor Install	Labor Remove
I	4400		\$ 0.45	\$ 0.21	4 ACSR	\$ 924.00		\$ 1,980.00	\$ -
R	5500	\$ 0.55			4 ACSR				\$ 3,025.00
I	7		\$ 235.00	\$ 244.00	Pole 40 Class 4	\$ 1,708.00		\$ 1,645.00	\$ -
R	7	\$ 100.00			Pole 40 Class 4				\$ 700.00
I	1		\$ 275.00	\$ 356.00	Pole 45 Class 4	\$ 356.00		\$ 275.00	\$ -
R	1	\$ 145.00			Pole 45 Class 4				\$ 145.00
I	9		\$ 12.00	\$ 4.87	GUY GUARD	\$ 43.83		\$ 108.00	\$ -
R	9	\$ 10.00			GUY GUARD				\$ 90.00
I	9		\$ 65.00	\$ 35.00	Anchor 5/8 Single Helix	\$ 315.00		\$ 585.00	\$ -
R	9	\$ 50.00			Anchor 5/8 Single Helix				\$ 450.00
R	5	\$ 117.23		\$1,029.00	7200 SINGLE PHASE TX		\$ 5,145.00	\$ -	\$ 586.15
I	5		\$ 210.96	\$1,029.00	7200 SINGLE PHASE TX	\$ 5,145.00		\$ 1,054.80	\$ -
R	24	\$ 22.51			3/8 DOWN GUY AL	\$ -		\$ -	\$ 540.24
I	24		\$ 68.78	\$ 13.96	3/8 DOWN GUY AL	\$ 335.04		\$ 1,650.72	\$ -
R	5				COMBO SWITCH/ARRESTOR	\$ -		\$ -	\$ -
I	5		\$ 80.00	\$ 187.00	COMBO SWITCH/ARRESTOR	\$ 935.00		\$ 400.00	\$ -
R	6	\$ 195.00			14.4 KV PRI SNG PH TAP	\$ -		\$ -	\$ 1,170.00
I	6		\$ 185.00	\$ 205.00	14.4 KV PRI SNG PH TAP	\$ 1,230.00		\$ 1,110.00	\$ -
R	2	\$ 235.00			14.4 KV 3 PH SNG ARM LRG CON	\$ -		\$ -	\$ 470.00
I	2		\$ 275.00	\$ 255.00	14.4 KV 3 PH SNG ARM LRG CON	\$ 510.00		\$ 550.00	\$ -
R	10	\$ 38.26			GUY WITH INSULATING LINK	\$ -		\$ -	\$ 382.60
I	10		\$ 60.72	\$ 16.00	GUY WITH INSULATING LINK	\$ 160.00		\$ 607.20	\$ -
R	9	\$ 10.40			14.4 GROUND ROD	\$ -		\$ -	\$ 93.60
I	9		\$ 36.80	\$ 6.16	14.4 GROUND ROD	\$ 55.44		\$ 331.20	\$ -

Totals	\$ 11,717.31	\$ 5,145.00	\$ 10,296.92	\$ 7,652.59
Indirect Costs			\$ 8,752.38	\$ 6,504.70
Total Labor			\$ 19,049.30	\$ 14,157.29
Total Install Costs	\$ 30,766.61			
Tree Trimming Costs	\$ 3,000.00			
Total Removal Cost	\$ 14,157.29			
Total Salvage Value	\$ 5,145.00			
Total Project Cost	\$ 42,778.90			



May 3, 2017

Matt Hines
Engineering Manager
Dennis Corporation
1800 Huger Street
Columbia, SC 29201

**Re: Richland County Dirt Road Project
S. Hask Jacobs Road
Richland County
SCE&G OWIP # 27165 (Electric Distribution)**

Dear Matt:

Please find enclosed the Utility Agreement along with an estimate and relocation drawing for the above mentioned project in Richland County, SC. Please note that there is no existing right of way along S. Hask Jacobs Road, therefore all poles are on private right of way.

Please return executed Utility Agreement to my attention.

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

Sincerely,

A handwritten signature in blue 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.) S. Hask Jacobs Road

This Agreement made this _____ day of _____, 2017, 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

\$ 4,032.00

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)

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.

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Project # _____ Agreement # _____

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COMPANY: SCE&G

ADDRESS 220 Operation Way (MC: J29)
Cayce, SC 29033

BY: Connie J. Beall (5/3/17) 

TITLE: Highway Coordinator

RICHLAND COUNTY

BY: _____



Estimate - W# 199592 Dot - S. Hask Jacobs Rd Relocation

LaborSummary	Construct	Reports			
PointMail	Forecast	Designer Apvl	Plant Acctng	DistMan Apvl	OWIP ViewOnly
Summary	CostDetails	AssocCap	Acct Summary	CapMatl	Material

	Capital	Retirement	Lighting	Assoc. Capital	O/M Costs
Material	\$ 555	\$ 0	\$ 0	\$ 7	\$ 0
Stores Overhead	\$ 33	\$ 0	\$ 0	\$ 0	\$ 0
Company Labor	\$ 1,093	\$ 336	\$ 0	\$ 150	\$ 0
Payroll Overhead	\$ 491	\$ 151	\$ 0	\$ 68	\$ 0
Contract Labor	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Transportation	\$ 459	\$ 141	\$ 0	\$ 63	\$ 0
Voucher Amount	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Credit/Debit	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Line Salvage	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
R/W Clearing	\$ 0				
Sub Total	\$ 2,631	\$ 628	\$ 0	\$ 288	\$ 0
Admin and Engr	\$ 352	\$ 84	\$ 0	\$ 39	\$ 0
CIAC Tax	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
AFUDC	\$ 10				
Total	\$ 2,993	\$ 712	\$ 0	\$ 327	\$ 0
Project Cost	\$ 4,032		\$ 0		
EAR			\$ 0		
Revenue Ratio	0.00				
Contribution Req					
				Est Run Dt	05/02/2017

Richland Penny Transportation Dirt Road Paving Package G and H		
Dirt Road Name	SCE&G - Electric	Fairfield Electric
Package G		
LaBrew St		UA - Feb. 14, 2018 \$17,978.55
London Ave		
Della Mae Ct.		
Total Utility Cost	\$ -	\$ 17,978.55
Total Cost		\$ 17,978.55
Package H		
Bluff Oaks Rd	UA - Mar. 13, 2017 \$14,859.00	
Net Dean Rd		UA - Sept. 18, 2017 \$42,778.90
S Hask Jacobs	UA - May 3, 2017 \$4,032.00	
Sara Matthews Rd.	UA - Jan. 30, 2017 \$13,868.00	
W Miriam Ave		
Ashbury St		
Della Mae Ct.		
Minger Rd		
Total Utility Cost	\$ 32,759.00	\$ 42,778.90
Total Cost		\$ 75,537.90
Total Overall Cost		\$ 93,516.45