Highway Relocation Program
Duke Energy Progress, LLC
4690 Simms Creek Road
Raleigh NC 27616
Highway.Relocation@Duke-Energy.com

November 2, 2022

Georgetown County
Attn.: Art Baker
1918 Church St
Georgetown, SC 29442

RE:	Project:	ToA Drainage Improvements Ph.2
	Company Project #:	PFP263919
	County:	Georgetown
	Location / State:	Andrews, SC
	Proj Requirements:	Utility Relocation Agreement; Actual Cost Billing; Non-Betterment Work
	Proj Description:	Relocate DE company facilities out of Town of Andrews way for Drainage Improvements Phase 2 project.

Attached are copies of our detailed estimates in the amount of $269,013.94 and copies of our relocation design drawings covering our proposed relocation of Duke Energy's facilities in conflict with this project. This estimate is valid for 90 days and is based on the design as shown on the attached drawings. Estimates may be revised due to change in scope or if right of way is not obtained. The estimate will be updated if the authorization to proceed is received after the 90-day deadline.

If you find this estimate in order, please authorize us to proceed with this work and upon completion thereof, to bill the government customer per the project requirements located at the top of this letter. If you have any questions related to this agreement, plans, estimate, or final invoice please contact one of the following:

Richard Pope, Designer at Richard.Pope@duke-energy.com or 843-833-0018
Bobby Lowder, Senior Engineering Tech at Bobby.Lowder@duke-energy.com or 803-934-2521
Larry Morris, Program Mngr. at Larry.Morris@duke-energy.com or 803 283-5084

Please return the signed agreement to highway.relocation@duke-energy.com.

Sincerely,

_____
Larry Morris
Highway Relocation Program Manager
Duke Energy

LM:tr

Cc. Richard Pope, Designer at Richard.Pope@duke-energy.com
Bobby Lowder, Bobby.Lowder@duke-energy.com

Utility Relocation Agreement

George County

Customer Project Number ToA Drainage Improvements Ph.2

Duke Energy Progress Project Number PFP263919

County: Georgetown State: SC

This Utility Relocation Agreement ("Agreement") made this_____day of _____ , 20__, by and between Georgetown County, hereinafter referred to as GC and Duke Energy Progress,LLC. hereinafter referred to as the COMPANY. The GC and Company acknowledge that this Agreement and any Agreement amendment documents requiring signatures may be transmitted electronically. GC and Company stipulate that if this Agreement is transmitted electronically, the electronic transmittal of the original execution signatures shall be treated as original signatures and given the same legal effect as an original.

W I T N E S S E T H:

THAT WHEREAS, GC, will submit a project for construction as follows: Relocate DE company facilities out of Town of Andrews way for Drainage Improvements Phase 2 project.

WHEREAS, the construction of said project will require certain adjustments to be made to the existing facilities of the COMPANY:

NOW, THEREFORE, In order to facilitate the orderly and expeditious relocation of the said facilities of the COMPANY, GC and the COMPANY have agreed as follows:

1. That any work performed under this Agreement shall comply with the NCDOT "POLICIES AND PROCEDURES FOR ACCOMMODATING UTILITITES ON HIGHWAY RIGHT OF WAY", dated January 1, 1975 and such amendments thereto as may be in effect at the date of this Agreement. The work to be performed by the COMPANY shall conform with Federal Highway Administration's Federal-Aid Policy Guide, Subchapter G, Part 645, Subpart A hereinafter referred to as FAPG dated December 9, 1991, and such Agreements thereto as may be in effect at the date of this Agreement. The provisions of said FAPG and amendments thereto are incorporated in this Agreement by reference as fully as if herein set out. Any work performed under this Agreement not in compliance with FAPG shall constitute unauthorized work and GC shall be relieved of

participating in the costs of such unauthorized work unless such work is done pursuant to a supplemental Agreement attached to and made a part hereof.

2. That the COMPANY will prepare an estimate, broken down as to estimated cost of labor, construction overhead, materials, and supplies, handling charges, transportation and equipment, rights of way, preliminary engineering and construction engineering, including itemization of appropriate credits for salvage and betterment's, all in sufficient detail to provide GC, a reasonable basis for analysis. Unit cost, such as broad gauge units of property, may be used for estimating purposes where the COMPANY uses such units in its own operations. The COMPANY will also prepare plans, sketches or drawings showing their existing facilities, temporary and permanent changes to be made with reference to the GC's new right of way using appropriate nomenclature, symbols, legend, notes, color coding or the like. The before mentioned estimate and plans are attached hereto and made a part hereof. There are no costs for changes not necessitated by the construction of the highway project, nor for changes made solely for the benefit or convenience of the COMPANY, or its contractor. The attached estimate is valid for 90 days and is based on design shown in the attached drawings. The estimates will be updated and an amendment to the original Utility Relocation Agreement may be initiated if the scope of the project changes (causing cost to exceed original estimate) or new right of way cannot be obtained (causing a delay in the relocation construction).

3. That GC's authority, obligation, or liability to pay for relocations as set forth in the Agreement is based on the COMPANY having a 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.

4. That payment for all work done hereunder shall be made in accordance with the requirements of FAPG unless payment is being made pursuant to a supplemental Agreement attached to and made a part of this Agreement.

5. That the construction work provided for in this Agreement will be performed by the method or methods as specified below:

_____ BY COMPANY's REGULAR FORCE: The COMPANY proposes to use its regular construction or maintenance crews and personnel at its standard schedule of wages and working hours in accordance with the terms of its Agreement with such employees.

____X___ BY EXISTING WRITTEN CONTINUING CONTRACT: The COMPANY proposes to use an existing written continuing contract under which certain work as shown by the COMPANY's estimate is regularly performed for the COMPANY and under which the lowest available costs are developed.

_____ BY CONTRACT: The COMPANY does not have adequate staff or equipment to perform the necessary work with its own forces. The COMPANY proposes to award a contract to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed as set forth in an appropriate solicitation for bids.

6. a. It is contemplated by the parties hereto that the construction of this GC project is in progress.

   b. Based on the best information available at the present time to the COMPANY, indicated applicable paragraph, below:

   _____ Materials are available and it is expected that work will be complete prior to road construction.

   _____ All work will take place during GC construction and arrangements for said work will be coordinated with GC construction operations at pre-construction conference.

   __X___Work will begin promptly upon notification by GC; however, it is not expected to be complete prior to road construction, any remaining work will be coordinated with GC construction operation at pre-construction conference.

   _Other (Specify)_____

   _____

   _____

7. That the method used by the COMPANY in developing the relocation costs shall be as indicated by Paragraph (a), (b), or (c) as follows:

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

   b. _____ Actual direct and related indirect costs accumulated in accordance with an established accounting procedure developed by the COMPANY and approved by GC.

c. _____On a lump -sum basis where the estimated cost to the GC does not exceed $100,000.00, Except where unit costs are used and approved, the estimate shall show such details as man-hours by class and rate; equipment charges by type, size and rate; materials and supplies by items and price; and payroll additives and other overhead factors.

8. Indicate If (a), (b), or (c) applicable:

   a. __X__That the replacement facility is not of greater functional capacity or capability than the one it replaces, and includes no COMPANY betterments.

   b. _____That the replacement facility involves COMPANY betterments, or is of greater functional capacity or capability than the one it replaces.

   c. _____That the replacement facility is other than a segment of the COMPANY'S service, distribution, or transmission lines, such as a building, pumping station, ration plant, power plant or substation, production or transfer of storage facilities and other similar operating units of the COMPANY's physical plant or operating facilities,

If (c) is applicable, set forth credit to the project for the accrued depreciation of the facility being replaced.

9. That the total estimated cost of the work proposed herein, including all cost to the COMPANY less any credit for salvage, to complete the project is estimated to be _____ $ $ 269,013.94

   The estimated non-betterment cost to GC, including all cost less any credits for salvage, betterment and additional work done by the COMPANY will be _____ $ $ 269,013.94

   The estimated cost to the COMPANY including betterments and any additional work done by the COMPANY will be _____ $ 0.00

   (The above costs shall be supported by attached estimate and plans)

10. That in the event it is determined there are changes in the Agreement's scope of work which require additional work be conducted by COMPANY under this Agreement, then COMPANY's reimbursement shall be limited to all costs covered by either a modification of this Agreement or by a written change order or extra work order approved by GC (collectively, a "Change Order"); provided, however GC shall not unreasonably refuse its consent to such Change Order.

11. Periodic progress billings of incurred costs will be made by the COMPANY to GC not to exceed monthly intervals for no less than $3,000.00 each; however, total progress billing payments shall not exceed 95% of the approved non-betterment estimate. One final and detailed complete billing of all cost shall be made by the COMPANY to GC at the earliest practicable date after completion of work. The statement of final billing shall follow as closely as possible the order of the items in the estimate portion of this Agreement.

12. That GC shall have the right to inspect non-reusable materials of the COMPANY recovered on this project prior to disposal by sale or scrap.

13. That GC shall have the right to inspect all books, records, accounts and other documents of the COMPANY pertaining to the work performed by it under this Agreement at any time after work begins and for a period of 3 years from the date final payment has been received by the COMPANY.

14. That the COMPANY obligates itself to erect, service and maintain the facilities to be retained and installed over and along the roadway within the roadway right of way limits in accordance with all applicable laws, rules, and regulations as have been or may be validly enacted or adopted, now or hereafter.

15. That if, in the future, it becomes necessary due to roadway construction or improvement to adjust or relocate utilities covered in this Agreement being relocated at the expense of the requesting party that are crossing or otherwise occupying roadway right of way, the non-betterment cost of same will be that of the requestor.

16. That if, at any time, the GC shall require the relocation of or changes in the location of the encroaching facilities covered in this Agreement being relocated at COMPANY expense, the COMPANY binds itself, its successors and assigns, to promptly relocate or alter the facilities, in order to conform to the said requirements, without any cost to GC.

17. That the COMPANY agrees to relinquish their rights in that portion of right of way vacated by their existing facilities now absorbed within roadway right of way, and agrees to execute such instruments as may be reasonably requested by GC evidencing that relinquishment.

IN WITNESS WHEREOF, the parties hereby have affixed their names by their duly authorized officers the day and year first above written.

GC

By:_____

Name:_____

Title:_____

DUKE ENERGY PROGRESS, LLC.

By:_____

Larry Morris
HIGHWAY RELOCATION PROGRAM MANAGER

STATE OF SOUTH CAROLINA,

County of Georgetown

C381 J604

KNOW ALL MEN BY THESE PRESENTS, That W. D. Mercer, grantor(s)

of said County and State, in consideration of the sum of One Dollar and other valuable considerations, to me (us) in hand paid by CAROLINA POWER & LIGHT COMPANY, the receipt whereof is hereby acknowledged, do hereby grant unto said CAROLINA POWER & LIGHT COMPANY, its successors and assigns, the right, privilege and easement to go in and upon that certain tract or lot of land situated in said County and State, containing 26 acres bounded by lands of North by state of Harper, East by Anthony T. Woodard, South by Joe Brown, Will Washington, and Joe Whitefield. West by Road, called George Jones Road.

and to construct, maintain and operate in, upon, and through said premises, in a proper manner, with poles, wires and other necessary apparatus and appliances, a line for the purpose of transmitting power by electricity, together with the right at all times to enter upon said premises for the purpose of inspecting said line and making necessary repairs and alterations thereon; and the right to permit the attachment of and/or carry in conduit wires and cables of any other company or person; together with the right at all times to cut away and keep clear of said line all trees and other obstructions that may, in any way, endanger the proper maintenance and operation of the same. To have and to hold the aforesaid right, privilege and easement unto the CAROLINA POWER & LIGHT COMPANY, its successors and assigns forever.

IN WITNESS WHEREOF, the said grantor(s) do hereunto set his hand(s) and seal(s), this 4th day of November, 1947.

Witness: H. B. Huggins — W D Mercer (Seal)

B. L. Hightower — (Seal)

Witness:

(Seal)

(Seal)

FORM 676—REV. 6-8-38

CREV

Sec. Kingstree Division
Exp. 3 Customers, West of Andrews
West Andrews Line

Georgetown County

J-604 SOUTH CAROLINA C-381

EASEMENT AND RIGHT OF WAY

FROM

W. D. Mercer

TO

CAROLINA POWER & LIGHT CO.

J-3

520

Beaufort J. Belancourt
C.C.P.

THE STATE OF SOUTH CAROLINA,
Georgetown County.

Personally appeared before me F. B. Huggins
and made oath that he saw the within named W. D. Mercer
sign, seal, and as his act and deed, deliver the within written Deed; and that he, with
B. L. Hightower, witnessed the execution thereof.

Sworn to before me, this 17th
day of November, A.D. 1947

John B. Wood (Seal)
Notary Public for South Carolina

F. B. Huggins

SOUTH CAROLINA ~~POWER & LIGHT COMPANY~~
TO
CAROLINA POWER & LIGHT COMPANY

Deed-Book D-2 Pages 571 - 576

1042

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Deed File 1042

KNOW ALL MEN BY THESE PRESENTS, that South CaRolina Power & Light Company a corporation of the State of Delaware duly qualified to do businessin the State of South Carolina (hereinafter called the Grantor),for and in consideration of the sum of One Dollars ($1.00), to it in hand paid by Carolina Power & Light Company, a corporation of the State of North Carolina (hereinafter called the Grantee) and for other good and valuable considerations, the receipt whereof is hereby acknowledged has granted, bargained,sold,conveyed,released,assigned,transferred,set over,confirmed and delivered, and by these presents does grant,baragin,sell, convey,release, assign,transfer,set over,confirm and deliver to said Grantee,its successors and assigns forever, all the following described properties,that is to say:

ALL and sin ular the lands ,real estate,chattels real,power houses,power plants,ice and refrigerating plants and systems,rights of way,easements, transmission and distributing system,stations,substations,pole lines, franchises,permits, privileges,licenses,patent rights,choses in action,contracts or agreements for lighting (whether street,domestic or otherwise) or for heat or power,or for ice or refrigeration, buildings,machinery,dynamos ,transformers, mechanical and electrical appliances,tools,stores and supplies,now owned,used or enjoyed by the Grantor, whether constituting a part of or used,occupied or enjoyed in connection with or appertaining to the business of the Grantor of its light, heat and power systems and ice and refrigerating system,or other properties of the Grantor,as well as all other property of the Grantor now owned of every kind and character whatsoever,real, personal or mixed,tangible or intangible and wherever situated. The said property includes among other things the following, but reference to or enumeration of any particular kinds,classes or items of property shall not be deemed to exclude from the operation and effect of this Indenture any kind, class or item not so referred to or enumerated.

FIRST

THE STEAM ELECTRIC POWER PLANT AND PLANT XX SITE OF THE GRANTOR situate in the Town of Summerton in Clarendon County, South carolina, including all buildings,structures,towers, poles,equipment,machinery,licenses,appurtenances and supplies forming a part of said plant,used or enjoyed,or capable of being used or enjoyed in conjunction therwith,together with all of the Grantor's right,title and interest in and to all land owned by the Grantor on which the same is situate,being that same land acquired by the South Carolina Power & Light Company from the town of Summerton by deed dated october 15th 1925, and recorded in the Clarendon County Deed Book A-6,at page 222.

SECOND.

THE OIL ELECTRIC POWER PLANTS AND PLANT SITES OF THE GRANTOR situate in the towns of Kingstree and Manning in Williamsburg and Clarendon Counties,South Carolina, including all buildings,structures,towers,poles,equipment, machinery,licenses appurtenances and supplied forming a part of said plants,used or enjoyed ,or capable of being used or enjoyed in conjunction therewith,together with all of Grantor's right,title and interest in and to all land owned by Grantor on which the same are situate.

1: The oil Electric Generating Plant situate in the Town of Kingstree, Williamsburg County,South Carolina,and the following described tract of land; Beginning at an iron stake on the West Edge of the A.C.L. R/W on the Northside of Scott Street, 2.0' S 18° 10' W from an iron rail and running N 75° 30' W a distance of 180.25' to an iron stake,thence N 18° 10' E a distance of 189.37' to an iron stake, then N 71° 50' W a distance of 87.9' to an iron stake,thence N 18° 10' E a distance of 227.5' to an iron stake on the south side of Heller Street extended,thence S 75° 30' E a distance of 208.25' to an iron stake on the west edge of A.C.L. right of way,thence S 18° 10'

W a distance of 422.5' among said right of way to the point of beginning, containing 1.61 acres, more or less, being a part of that certain tract or parcel of land conveyed to grantor by deed dated February 24, 1925, and recorded in Williamsburg County Deed Book No. HH at page 70 and by deed dated April 4, 1925, and recorded in Williamsburg County Deed Book No. 19 at page 215. 572

2: The Oil Electric Generating Plant situate in the Town of Manning, County of Clarendon, South Carolina, on the following described tract of land; beginning at an iron stake on the Southedge of A.C.L. R/W 173.8' S 43° 00' E from an iron stake on the South edge of the A.C.L. R/W and the East edge of depot Street, and ~~thexEyCyhixRxWxxxx~~ running S 43° 00' E a distance of 60.2' to an iron stake, thence S 38° 53' W a distance of 160' to an iron stake, thence N 66° 30' W a distance of 79.5' to an iron stake, thence N 47° 50' E a distance of 93' to an iron stake, thence N 38° 53' E a distance of 100' to the point of beginning, containing .23 acres being a part of that certain tract or parcel of land conveyed to Grantor by the Town of Manning by deed dated february 24, 1925, and recorded in Clarendon County Deed Book No. Q.5 at page 572.

3:- THIRD

THE ELECTRIC SUBSTATIONS AND SUBSTATION SITES OF THE GRANTOR, including all buildings, structures, towers, poles, equipment, appliances and devices for transforming, converting and distributing electric energy, and all land owned by the grantor on which the same are situate, together with all rights-of-way, machinery, equipment, appliances, devices, appurtenances and supplies, forming a part of said substations or any of them used or enjoyed, or capable of being used or enjoyed in conjunction therewith, ~~xx~~ including all of the Grantor's right, title and interest in and to the following property situated in South Carolina.

1: The 33KV 300KVA substation situate in the town of Lake City, Florence County, on that certain tract or parcel of land acquired by the South Carolina Power & Light

Company from Tomlinson and McWhite by deed recorded in the Florence County Deed Book 59 at page 54, dated 31st day of January, 1925.

2: The 33KV 300KVA substation situate, in the town of Andrews, in Georgetown County on those certain tracts or parcels of land acquired by the South Carolina Power & Light Company from the Rosemary Land Association and recorded in Georgetown County Deed Book M, page 224, the 10th day of June, 1925.

3: The 33KV 200KVA substation situate in the town of Greelyville, Williamsburg County, on that certain tract or parcel of land acquired by the South Carolina Power & Light Company from T.W. Boyle by deed dated Oct. 15th, 1925, and recorded in Williamsburg County, Deed Book P.P., page 330.

4: The 33KV 200 KVA substation situate in the Town of Manning, Clarendon County, Steele structure, on the same land as the Oil Electric Generating Plant.

5: The 33 KV 100 KVA substation situate in the Town of Kingstree, Williamsburg County, steel structure, on the same land as the Oil Electric Generating Plant.

6: The 2300V to 6600V substation near Manning, Clarendon County, consisting of two 75KVA transformers, on two pole structure.

7: ~~THESEEX~~ The 6600V to 2300V substation at Hineman, Williamsburg County, consisting of three 25KVA transformers, on two pole structure.

8: The 6600V to 2300V substation at Lanes, Williamsburg County, consisting of two 25 KVA transformers, on two pole structure.

9: The 33000V to 2300V substation at Cades, Williamsburg County, consisting of two 10KVA transformers, on two pole structure.

10:- The 6600V to 2300V substation at Summerton, Clarendon County, on two pole structure.

THE ELECTRIC TRANSMISSION LINES OF THE GRANTOR, including the towers, poles, wires, switch racks, insulators, and other appliances and equipment and all other property real, personal or mixed forming a part thereof or appertaining thereto, together with all rights-of-way, easements, permits, privileges, and licenses for or relating to the construction, maintenance or operation thereof, including all the Grantor's right, title and interest in and to the following property situated in south Carolina.

1: The 66KV single pole line from Manning, South Carolina, to Greelyville, South Carolina a distance of 14 miles, more or less, known as the "Manning-Greelyville line."

2: The 66KV single pole line from Greelyville, South Carolina, to Kingstree, South Carolina a distance of 15 miles, more or less, known as the "Greelyville-Kingstree line."

3: The 33KV single pole line from Kingstree, South Carolina, to Lake City, South Carolina a distance of 15 miles, more or less, known as the "Kingstree-Lake City Line."

4: The 33KV single pole line from Kingstree, South Carolina, to Andrews, South Carolina, a distance of 24 miles, more or less, known as the "Kingstree-Andrews Line."

5: The 6600V single pole line from Manning, South Carolina, to Summerton, South Carolina a distance of 10 miles, more or less, known as the "Manning-Summerton Line."

6: The 13200V single pole line from Greelyville, South Carolina, to Lanes, South Carolina, a distance of 4 miles, more or less, known as the "Greelyville-Lanes Line."

7: The 2300V single pole line from Lake City, South Carolina, to Scranton, South Carolina, a distance of 4 miles, more or less, known as the "Lake City-Scranton Line."

8: The 66KV single pole line from Sumter, South Carolina, to Manning, South Carolina, a distance of 16½ miles, more or less, known as the "Sumter-Manning Line."

FIFTH

THE ELECTRIC DISTRIBUTION SYSTEM OF THE GRANTOR, including towers, poles, wires, insulators and appurtenances, appliances, devices and equipment, and all the Grantor's other property real, personal or mixed, forming a part of or used, occupied or enjoyed in connection with

or in anywise appertaining to said distributing systems, or any of them, together with all rights-of-way, easements, permits, privileges, municipal or other franchises, licenses, consents and rights for or relating to the construction, maintenance or operation thereof through, over, under or upon any public streets or highways or public or private lands, including all of the Grantor's right, title and interest in and to the following property situate in South Carolina:

1: The Manning Distribution System as constructed and equiped in the town of Manning, Clarendon County, South Carolina, and all franchises and consents under which said system is or may be operated, including the following; That certain franchise or consent granted to South Carolina Power & Light Company by the Town of Manning by ordinance passed on February 16th, 1903.

2: The Kingstree Distribution System as constructed and equipped in the Town of Kingstree, Williamsburg County, South Carolina, and all franchises and consents under which said system is or may be operated, including the following; That certain franchise or consent granted to South Carolina Power & Light Company by the Town of Kingstree by ordinance passed on August 7, 1925.

3: The Lake City Distribution System as constructed and equipped in the town of Lake City, Florence County, South Carolina, and all franchises and consents under which said system is or may be operated, including the following; That certain franchise or consent granted to South Carolina Power & Light Company by ordinance passed by the Town of Lake City on February 21, 1925.

4: The Andrews Distribution System as constructed and equipped in the Town of Andrews Geoggetown County, South Carolina, and all franchises and consents under which said system is or may be operated, including the following: That certain franchise or consent

granted to South Carolina Power & Light Company by the Town of Andrews by ordinance passed on August 3, 1925.

5: The Summerton Distribution system as constructed and equipped in the Town of Summerton, Clarendon County, and all franchises and consents under which said system is or may be operated, including the following: That certain franchise or consent granted to South C rolina Power & Light Company by the town of Summerton by ordinance passed on october 15, 1925.

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6: The greelyville Distribution System as constructed and equipped in the Town of Greelyville, Williamsburg County, south carolina, and all franchises and consents under which said system is or may be operated, including the following: That certain franchise or consent granted to south C rolina Power & Light Company by the town of greelyville by ordinance passed on April 9, 1925.

7: The Scranton Distribution system as constructed and equipped in the Town of Scranton, Florence County,, South C rolina, and all franchises and consents under which said system is or may be operated, includingthe following: That certain franchise or consent granted to South Carolina Power & Light Company by the Town of Scranton by ordinance passed on August 19, 1925.

8: The Lanes Distribution System as constructed and equipped in theTown of Lanes Williamsburg county, South Carolina, and all franchises and consents under which said system is or may be operated, including the following: That certain franchise or consent granted to south carolina Power & Light Company by ordinance passed by the Town of Lanes on September 17, 1925.

9: The Cades distribution System as constructed and equipped in the Town of Cades Williamsburg County South c rolina, and all consents under which said system is or may be operated.

10: The Hineman Distribution System as Constructed and equipped in the Town of Hineman, Williamsburg county, South Carolina, and all consents under which said system is or may be operated.

SIXTH

THE MISCELLANEOUS MACHINERY, dynamos, transformers, mechanical and electrical appliances, tools, stores and supplies, now owned, used or enjoyed by the Grantor, as well as all other property of the Grantor now owned of every kind and character whatsoever, and wherever situated. The said property includes among other things the following machinery, which is at present located on property belong to the Town of Lake City, South Carolina, but reference to or enumeration of any particular kinds, classes or items of property shall not be deemed to exclude from the operation and effect of this Indenture any kind, class or item not so referred to or enumerated.

1: 1-Ames uniflow engine direct connected to G.E. generator, 2300V 3 phase, 60 cycle, 120KVA, 80% P.F. 37-6/10 amps per terminal 257 RPM, factory #223787, including field rheostat and G.E. 9KW exciter switchboard and necessary instruments.

2: 1- 12 X 15 Skinner slide valve engine, factory #8814, direct connected to Westinghouse generator, 2400V, 3 phase, 60 cycle, 75KVA 80% P.F. 18 amps. 257 RPM, factory #13344558, including field rheostat and West 7KW exciter including switchboard and necessary equipment and metering apparatus.

3: 1- 100 H.P. cassey Hedges horizontal RT boiler, steel encased, factory #66, SF 471 - 2.

4: 1- Exciter panel including necessary instrument, etc.

SEVENTH

THE ICE AND REFRIGERATING PLANTS AND SYSTEMS OF THE GRANTOR situate in the Towns of Manning, Lake City and Kingstree, Counties of Clarendon, Florence and Williamsburg respectively, State of south Carolina, including ice and refrigerating plant ma-

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chinery, motors, pumps, buildings, mechanical and electrical appliances, tools, stores and supplies now owned, used or enjoyed by grantor or held for use in connection therewith, together with all of Grantor's right, title and interest in and to all land owned by by grantor on which the same are situate.

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1: ALL and singular the ice plant and ice plant machinery situate in the Town of Manning, County of Clarendon; beginning at an iron stakeon the ~~xxix~~ east side of depot Street and the South side of the Atlantic Coast Line Railroad right of way where the same intersects and running with said right of way South 43° 0' East 133.8 feet to an iron stake; thence South 38° 53' West 100 feet to an iron stake; thence South 47° 50' West 93 feet to an iron stake; thence North 66° 30' West a distance of 40 feet to an iron stake on the edge of Depot Street; thence North 19° 40' East with Depot Street 334 feet to the point of beginning and being a part of that certain tract or parcel of land conveyed to grantor by the City of Manning by deed recorded in Clarendon County in Deed Book Q-5 at page 552.

2: ALL and singular the ice plant and ice plant machinery, situate in the Town of Lake City, South Carolina, including the following described tract or parcel of land situate in the Town of Lake City, County of Florence ; Beginning at an iron stake near an iron rail stake on the west side of Church Street and on the East side of the Atlantic Coast Line Railroad Company's right of way and 67.5 feet from the center of the north bound tract and runs thence north 30° o' East with Church Street 305.5 feet to an iron stake ; thence North 59° 30' West 83.6 feet to an iron stake in the East Line of Atlantic Coast Line Right of way; thence with the right of way of the Atlantic Coast Line Railroad Company South 45° 12' East 315.7 feet to the point of beginning, Being the same lot or parcel of land conveyed to Grantor by C.E. Tomlinson and I.P. MCWhite by deed dated March 5, 1925, and recorded in Florence County Deed ~~Bk~~ book #59 at page 64.

3: ALL and singular the ice plant and ice plant machinery situate in the Town of

Kingstree, South Carolina, including the following described tract or parcel of land situ te in the Town of Kingstree, County of Williamsburg; Beginning at an iron stake on the Northedge of Scott Street and being 120.25 feet North 75° 30' West from an iron stake at the intersection of the north edge of Scott Street and the West edge of the right of way of the Atlantic Coast Line Railroad Company and runs thence with Scott Street North 75° 30' West 88 feet to an iorn stake; thence North 18° 10' East 195 feet to an iron stake; thence South 71° 50' East a distance of 37.8 feet to an iron stake; thence South 18° 10' West 189.37 feet to the point of beginning, being a part of that certain tract or parcel of land conveyed by the Town of Kingstree to grantor by deed dated February 24, 1925, and recorded in Williamsburg county in Deed Book H.E. at page 70.

EIGHTH

All other property, real, personal and mixed, now owned by the Grantor and wheresoeve situ ted, including (without in anywise limiting or impairing by the enumeration of the same the scope and intent of the foregoing or of any general description contained in this Indenture), all lands, rights of way, water and ripariam rights and other rights in or relating to real estate or the occupancy of lands, buildings, electric light, heat and power, gas, ice and refrigerating plants and systems, power houses, stations, sub-stations, transmission lines, pipe lines, pipes, mains, conduits, poles, wires, cables, fittings, connections and all other structures, machinery, engines, boilers, pumps, valves, pipings, connections, dynamos, meters, transformers, generators, motors, storage batteries, electrical and mechanical appliances, equipment and appurtenances of every description and character, tools, implements, automobiles, auto trucks automobile accessories, wagons, horses, furniture, fixtures, appliances, appurtenances, accessories, materials, supplies, fuel, power contracts, street lighting contracts, ice

and refrigerating contracts,accounts,choses in action,causes of action, claims,demands,stocks,bonds,notes and other securities,leases,patents,inventions,processes rights,privileges, easements, licenses,permits,franchises,and the tolls, rents, revenues,issues,earnings,income and provfits from any and all property of the Grantor Together with all and singular the tenements,hereditaments,franchises and appurtenances belonging or in anywise appertaining to the aforesaid property or any part thereof,with the reversion and reversions,remainder and remainders,rents,issues, income, product and profits thereof, and all the estate, right, title, interest and claim whatsoever,at law as well as in equity,which the Grantor now has in and to the aforesaid property and franchises and every part and parcel thereof.

TO HAVE AND TO HOLD all said properties,real personal and mixed,to the only proper use of said Carolina Power & Light Company its successors and assigns forever. Subject,never the less,to the lien of that certain indenture dated as of the 1st day of September,1935,between said South Carolina Power & Light Company and The National Shawmut Bank of Boston,securing an issue of $450,000.00 in aggregate principal amount of First Mortgage Gold Bonds.

And the said Grantor does hereby bind itself,its successors and assigns ,to warrant and forever defend all and singular the said premises, except as above stated,unto the said Grantee,its successors and assigns,against itself, its successors and assigns, and all other persons lawfully claiming ,or to claim the same or any part thereof.

IN WITNESS WHEREOF the said South carolina Power & Light Company has caused this deed to be signed in its name as of the 31st day of december,in the year of Our Lord,one thousand nine hundred and twenty seven,and in the one hundred and fifty second year of the sovereignty and Independence of the United States of America.

SOUTH CAROLINA POWER & LIGHT COMPANY

By W.C.Lang
President

Attest
E.P.Summerson
Secretary

Signed, sealed and delivered in the presence of:

A.C. Tufverson
W.W.Staplin

STATE OF NEW YORK
COUNTY OF NEW YORK

Personally appeared before me A.C. Tufverson who, being duly sworn, says that she saw the within named South Carolina Power & Light Company by W.C.Lang, its president, and E.P.Summerson, its Secretary sign, seal and as its act and deed deliver the within written deed and that she with W W Staplin witnessed the execution thereof.

A.C. Tufverson

Sworn and subscribed before me this 12th day of January A.D. 1928

Mary J. Guilfoyle
Notary Public
Notary Public, Bronx County, New York County Clerk's No.1131, Register No.9139A Bronx County Clerk's No.256, register No.2961B. Commission expires March 30, 1929.

(Imp.seal)

Recorded this 21st day of January A D 1928 Book N, page 103
B.Bourne -Auditor georgetown County

Examined and certified Jan 21st A.D. 1928

C.C.C.P.

CERTIFIED A TRUE AND CORRECT COPY
ATTEST: Jessie F. Belanscourt
C.C.C.P. & G.S.
GEORGETOWN COUNTY

SOUTH CAROLINA ~~POWER & LIGHT COMPANY~~
TO
CAROLINA POWER & LIGHT COMPANY

Deed-Book D-2 Pages 571 - 576

1042

571
Deed File 1042

KNOW ALL MEN BY THESE PRESENTS, that South CaRolina Power & Light Company a corporation of the State of Delaware duly qualified to do businessin the State of South Carolina (hereinafter called the Grantor),for and in consideration of the sum of One Dollars ($1.00), to it in hand paid by Carolina Power & Light Company, a corporation of the State of North Carolina (hereinafter called the Grantee) and for other good and valuable considerations, the receipt whereof is hereby acknowledged has granted, bargained,sold,conveyed,released,assigned,transferred,set over,confirmed and delivered, and by these presents does grant,baragin,sell, convey,release, assign,transfer,set over,confirm and deliver to said Grantee,its successors and assigns forever, all the following described properties,that is to say:

ALL and sin ular the lands ,real estate,chattels real,power houses,power plants,ice and refrigerating plants and systems,rights of way,easements, transmission and distributing system,stations,substations,pole lines, franchises,permits, privileges,licenses,patent rights,choses in action,contracts or agreements for lighting (whether street,domestic or otherwise) or for heat or power,or for ice or refrigeration, buildings,machinery,dynamos ,transformers, mechanical and electrical appliances,tools,stores and supplies,now owned,used or enjoyed by the Grantor, whether constituting a part of or used,occupied or enjoyed in connection with or appertaining to the business of the Grantor of its light, heat and power systems and ice and refrigerating system,or other properties of the Grantor,as well as all other property of the Grantor now owned of every kind and character whatsoever,real, personal or mixed,tangible or intangible and wherever situated. The said property includes among other things the following, but reference to or enumeration of any particular kinds,classes or items of property shall not be deemed to exclude from the operation and effect of this Indenture any kind, class or item not so referred to or enumerated.

FIRST

THE STEAM ELECTRIC POWER PLANT AND PLANT XX SITE OF THE GRANTOR situate in the Town of Summerton in Clarendon County, South carolina, including all buildings,structures,towers, poles,equipment,machinery,licenses,appurtenances and supplies forming a part of said plant,used or enjoyed,or capable of being used or enjoyed in conjunction therwith,together with all of the Grantor's right,title and interest in and to all land owned by the Grantor on which the same is situate,being that same land acquired by the South Carolina Power & Light Company from the town of Summerton by deed dated october 15th 1925, and recorded in the Clarendon County Deed Book A-6,at page 222.

SECOND.

THE OIL ELECTRIC POWER PLANTS AND PLANT SITES OF THE GRANTOR situate in the towns of Kingstree and Manning in Williamsburg and Clarendon Counties,South Carolina, including all buildings,structures,towers,poles,equipment, machinery,licenses appurtenances and supplied forming a part of said plants,used or enjoyed ,or capable of being used or enjoyed in conjunction therewith,together with all of Grantor's right,title and interest in and to all land owned by Grantor on which the same are situate.

1: The oil Electric Generating Plant situate in the Town of Kingstree, Williamsburg County,South Carolina,and the following described tract of land; Beginning at an iron stake on the West Edge of the A.C.L. R/W on the Northside of Scott Street, 2.0' S 18° 10' W from an iron rail and running N 75° 30' W a distance of 180.25' to an iron stake,thence N 18° 10' E a distance of 189.37' to an iron stake, then N 71° 50' W a distance of 87.9' to an iron stake,thence N 18° 10' E a distance of 227.5' to an iron stake on the south side of Heller Street extended,thence S 75° 30' E a distance of 208.25' to an iron stake on the west edge of A.C.L. right of way,thence S 18° 10'

W a distance of 422.5' among said right of way to the point of beginning, containing 1.61 acres, more or less, being a part of that certain tract or parcel of land conveyed to grantor by deed dated February 24, 1925, and recorded in Williamsburg County Deed Book No. HH at page 70 and by deed dated April 4, 1925, and recorded in Williamsburg County Deed Book No. 19 at page 215. 572

2: The Oil Electric Generating Plant situate in the Town of Manning, County of Clarendon, South Carolina, on the following described tract of land; beginning at an iron stake on the Southedge of A.C.L. R/W 173.8' S 43° 00' E from an iron stake on the South edge of the A.C.L. R/W and the East edge of depot Street, and ~~thexEyCyhixRxWxxxx~~ running S 43° 00' E a distance of 60.2' to an iron stake, thence S 38° 53' W a distance of 160' to an iron stake, thence N 66° 30' W a distance of 79.5' to an iron stake, thence N 47° 50' E a distance of 93' to an iron stake, thence N 38° 53' E a distance of 100' to the point of beginning, containing .23 acres being a part of that certain tract or parcel of land conveyed to Grantor by the Town of Manning by deed dated february 24, 1925, and recorded in Clarendon County Deed Book No. Q.5 at page 572.

3:- THIRD

THE ELECTRIC SUBSTATIONS AND SUBSTATION SITES OF THE GRANTOR, including all buildings, structures, towers, poles, equipment, appliances and devices for transforming, converting and distributing electric energy, and all land owned by the grantor on which the same are situate, together with all rights-of-way, machinery, equipment, appliances, devices, appurtenances and supplies, forming a part of said substations or any of them used or enjoyed, or capable of being used or enjoyed in conjunction therewith, ~~xx~~ including all of the Grantor's right, title and interest in and to the following property situated in South Carolina.

1: The 33KV 300KVA substation situate in the town of Lake City, Florence County, on that certain tract or parcel of land acquired by the South Carolina Power & Light

Company from Tomlinson and McWhite by deed recorded in the Florence County Deed Book 59 at page 54, dated 31st day of January, 1925.

2: The 33KV 300KVA substation situate, in the town of Andrews, in Georgetown County on those certain tracts or parcels of land acquired by the South Carolina Power & Light Company from the Rosemary Land Association and recorded in Georgetown County Deed Book M, page 224, the 10th day of June, 1925.

3: The 33KV 200KVA substation situate in the town of Greelyville, Williamsburg County, on that certain tract or parcel of land acquired by the South Carolina Power & Light Company from T.W. Boyle by deed dated Oct. 15th, 1925, and recorded in Williamsburg County, Deed Book P.P., page 330.

4: The 33KV 200 KVA substation situate in the Town of Manning, Clarendon County, Steele structure, on the same land as the Oil Electric Generating Plant.

5: The 33 KV 100 KVA substation situate in the Town of Kingstree, Williamsburg County, steel structure, on the same land as the Oil Electric Generating Plant.

6: The 2300V to 6600V substation near Manning, Clarendon County, consisting of two 75KVA transformers, on two pole structure.

7: ~~THESEEX~~ The 6600V to 2300V substation at Hineman, Williamsburg County, consisting of three 25KVA transformers, on two pole structure.

8: The 6600V to 2300V substation at Lanes, Williamsburg County, consisting of two 25 KVA transformers, on two pole structure.

9: The 33000V to 2300V substation at Cades, Williamsburg County, consisting of two 10KVA transformers, on two pole structure.

10:- The 6600V to 2300V substation at Summerton, Clarendon County, on two pole structure.

THE ELECTRIC TRANSMISSION LINES OF THE GRANTOR, including the towers, poles, wires, switch racks, insulators, and other appliances and equipment and all other property real, personal or mixed forming a part thereof or appertaining thereto, together with all rights-of-way, easements, permits, privileges, and licenses for or relating to the construction, maintenance or operation thereof, including all the Grantor's right, title and interest in and to the following property situated in south Carolina.

1: The 66KV single pole line from Manning, South Carolina, to Greelyville, South Carolina a distance of 14 miles, more or less, known as the "Manning-Greelyville line."

2: The 66KV single pole line from Greelyville, South Carolina, to Kingstree, South Carolina a distance of 15 miles, more or less, known as the "Greelyville-Kingstree line."

3: The 33KV single pole line from Kingstree, South Carolina, to Lake City, South Carolina a distance of 15 miles, more or less, known as the "Kingstree-Lake City Line."

4: The 33KV single pole line from Kingstree, South Carolina, to Andrews, South Carolina, a distance of 24 miles, more or less, known as the "Kingstree-Andrews Line."

5: The 6600V single pole line from Manning, South Carolina, to Summerton, South Carolina a distance of 10 miles, more or less, known as the "Manning-Summerton Line."

6: The 13200V single pole line from Greelyville, South Carolina, to Lanes, South Carolina, a distance of 4 miles, more or less, known as the "Greelyville-Lanes Line."

7: The 2300V single pole line from Lake City, South Carolina, to Scranton, South Carolina, a distance of 4 miles, more or less, known as the "Lake City-Scranton Line."

8: The 66KV single pole line from Sumter, South Carolina, to Manning, South Carolina, a distance of 16½ miles, more or less, known as the "Sumter-Manning Line."

FIFTH

THE ELECTRIC DISTRIBUTION SYSTEM OF THE GRANTOR, including towers, poles, wires, insulators and appurtenances, appliances, devices and equipment, and all the Grantor's other property real, personal or mixed, forming a part of or used, occupied or enjoyed in connection with

or in anywise appertaining to said distributing systems, or any of them, together with all rights-of-way, easements, permits, privileges, municipal or other franchises, licenses, consents and rights for or relating to the construction, maintenance or operation thereof through, over, under or upon any public streets or highways or public or private lands, including all of the Grantor's right, title and interest in and to the following property situate in South Carolina:

1: The Manning Distribution System as constructed and equiped in the town of Manning, Clarendon County, South Carolina, and all franchises and consents under which said system is or may be operated, including the following; That certain franchise or consent granted to South Carolina Power & Light Company by the Town of Manning by ordinance passed on February 16th, 1903.

2: The Kingstree Distribution System as constructed and equipped in the Town of Kingstree, Williamsburg County, South Carolina, and all franchises and consents under which said system is or may be operated, including the following; That certain franchise or consent granted to South Carolina Power & Light Company by the Town of Kingstree by ordinance passed on August 7, 1925.

3: The Lake City Distribution System as constructed and equipped in the town of Lake City, Florence County, South Carolina, and all franchises and consents under which said system is or may be operated, including the following; That certain franchise or consent granted to South Carolina Power & Light Company by ordinance passed by the Town of Lake City on February 21, 1925.

4: The Andrews Distribution System as constructed and equipped in the Town of Andrews Geoggetown County, South Carolina, and all franchises and consents under which said system is or may be operated, including the following: That certain franchise or consent

granted to South Carolina Power & Light Company by the Town of Andrews by ordinance passed on August 3, 1925.

5: The Summerton Distribution system as constructed and equipped in the Town of Summerton, Clarendon County, and all franchises and consents under which said system is or may be operated, including the following: That certain franchise or consent granted to South C rolina Power & Light Company by the town of Summerton by ordinance passed on october 15, 1925.

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6: The greelyville Distribution System as constructed and equipped in the Town of Greelyville, Williamsburg County, south carolina, and all franchises and consents under which said system is or may be operated, including the following: That certain franchise or consent granted to south C rolina Power & Light Company by the town of greelyville by ordinance passed on April 9, 1925.

7: The Scranton Distribution system as constructed and equipped in the Town of Scranton, Florence County,, South C rolina, and all franchises and consents under which said system is or may be operated, includingthe following: That certain franchise or consent granted to South Carolina Power & Light Company by the Town of Scranton by ordinance passed on August 19, 1925.

8: The Lanes Distribution System as constructed and equipped in theTown of Lanes Williamsburg county, South Carolina, and all franchises and consents under which said system is or may be operated, including the following: That certain franchise or consent granted to south carolina Power & Light Company by ordinance passed by the Town of Lanes on September 17, 1925.

9: The Cades distribution System as constructed and equipped in the Town of Cades Williamsburg County South c rolina, and all consents under which said system is or may be operated.

10: The Hineman Distribution System as Constructed and equipped in the Town of Hineman, Williamsburg county, South Carolina, and all consents under which said system is or may be operated.

SIXTH

THE MISCELLANEOUS MACHINERY, dynamos, transformers, mechanical and electrical appliances, tools, stores and supplies, now owned, used or enjoyed by the Grantor, as well as all other property of the Grantor now owned of every kind and character whatsoever, and wherever situated. The said property includes among other things the following machinery, which is at present located on property belong to the Town of Lake City, South Carolina, but reference to or enumeration of any particular kinds, classes or items of property shall not be deemed to exclude from the operation and effect of this Indenture any kind, class or item not so referred to or enumerated.

1: 1-Ames uniflow engine direct connected to G.E. generator, 2300V 3 phase, 60 cycle, 120KVA, 80% P.F. 37-6/10 amps per terminal 257 RPM, factory #223787, including field rheostat and G.E. 9KW exciter switchboard and necessary instruments.

2: 1- 12 X 15 Skinner slide valve engine, factory #8814, direct connected to Westinghouse generator, 2400V, 3 phase, 60 cycle, 75KVA 80% P.F. 18 amps. 257 RPM, factory #13344558, including field rheostat and West 7KW exciter including switchboard and necessary equipment and metering apparatus.

3: 1- 100 H.P. cassey Hedges horizontal RT boiler, steel encased, factory #66, SF 471 - 2.

4: 1- Exciter panel including necessary instrument, etc.

SEVENTH

THE ICE AND REFRIGERATING PLANTS AND SYSTEMS OF THE GRANTOR situate in the Towns of Manning, Lake City and Kingstree, Counties of Clarendon, Florence and Williamsburg respectively, State of south Carolina, including ice and refrigerating plant ma-

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chinery, motors, pumps, buildings, mechanical and electrical appliances, tools, stores and supplies now owned, used or enjoyed by grantor or held for use in connection therewith, together with all of Grantor's right, title and interest in and to all land owned by by grantor on which the same are situate.

575

1: ALL and singular the ice plant and ice plant machinery situate in the Town of Manning, County of Clarendon; beginning at an iron stakeon the ~~xxix~~ east side of depot Street and the South side of the Atlantic Coast Line Railroad right of way where the same intersects and running with said right of way South 43° 0' East 133.8 feet to an iron stake; thence South 38° 53' West 100 feet to an iron stake; thence South 47° 50' West 93 feet to an iron stake; thence North 66° 30' West a distance of 40 feet to an iron stake on the edge of Depot Street; thence North 19° 40' East with Depot Street 334 feet to the point of beginning and being a part of that certain tract or parcel of land conveyed to grantor by the City of Manning by deed recorded in Clarendon County in Deed Book Q-5 at page 552.

2: ALL and singular the ice plant and ice plant machinery, situate in the Town of Lake City, South Carolina, including the following described tract or parcel of land situate in the Town of Lake City, County of Florence ; Beginning at an iron stake near an iron rail stake on the west side of Church Street and on the East side of the Atlantic Coast Line Railroad Company's right of way and 67.5 feet from the center of the north bound tract and runs thence north 30° o' East with Church Street 305.5 feet to an iron stake ; thence North 59° 30' West 83.6 feet to an iron stake in the East Line of Atlantic Coast Line Right of way; thence with the right of way of the Atlantic Coast Line Railroad Company South 45° 12' East 315.7 feet to the point of beginning, Being the same lot or parcel of land conveyed to Grantor by C.E. Tomlinson and I.P. MCWhite by deed dated March 5, 1925, and recorded in Florence County Deed ~~Bk~~ book #59 at page 64.

3: ALL and singular the ice plant and ice plant machinery situate in the Town of

Kingstree, South Carolina, including the following described tract or parcel of land situ te in the Town of Kingstree, County of Williamsburg; Beginning at an iron stake on the Northedge of Scott Street and being 120.25 feet North 75° 30' West from an iron stake at the intersection of the north edge of Scott Street and the West edge of the right of way of the Atlantic Coast Line Railroad Company and runs thence with Scott Street North 75° 30' West 88 feet to an iorn stake; thence North 18° 10' East 195 feet to an iron stake; thence South 71° 50' East a distance of 37.8 feet to an iron stake; thence South 18° 10' West 189.37 feet to the point of beginning, being a part of that certain tract or parcel of land conveyed by the Town of Kingstree to grantor by deed dated February 24, 1925, and recorded in Williamsburg county in Deed Book H.E. at page 70.

EIGHTH

All other property, real, personal and mixed, now owned by the Grantor and wheresoeve situ ted, including (without in anywise limiting or impairing by the enumeration of the same the scope and intent of the foregoing or of any general description contained in this Indenture), all lands, rights of way, water and ripariam rights and other rights in or relating to real estate or the occupancy of lands, buildings, electric light, heat and power, gas, ice and refrigerating plants and systems, power houses, stations, sub-stations, transmission lines, pipe lines, pipes, mains, conduits, poles, wires, cables, fittings, connections and all other structures, machinery, engines, boilers, pumps, valves, pipings, connections, dynamos, meters, transformers, generators, motors, storage batteries, electrical and mechanical appliances, equipment and appurtenances of every description and character, tools, implements, automobiles, auto trucks automobile accessories, wagons, horses, furniture, fixtures, appliances, appurtenances, accessories, materials, supplies, fuel, power contracts, street lighting contracts, ice

and refrigerating contracts,accounts,choses in action,causes of action, claims,demands,stocks,bonds,notes and other securities,leases,patents,inventions,processes rights,privileges, easements, licenses,permits,franchises,and the tolls, rents, revenues,issues,earnings,income and provfits from any and all property of the Grantor Together with all and singular the tenements,hereditaments,franchises and appurtenances belonging or in anywise appertaining to the aforesaid property or any part thereof,with the reversion and reversions,remainder and remainders,rents,issues, income, product and profits thereof, and all the estate, right, title, interest and claim whatsoever,at law as well as in equity,which the Grantor now has in and to the aforesaid property and franchises and every part and parcel thereof.

TO HAVE AND TO HOLD all said properties,real personal and mixed,to the only proper use of said Carolina Power & Light Company its successors and assigns forever. Subject,never the less,to the lien of that certain indenture dated as of the 1st day of September,1935,between said South Carolina Power & Light Company and The National Shawmut Bank of Boston,securing an issue of $450,000.00 in aggregate principal amount of First Mortgage Gold Bonds.

And the said Grantor does hereby bind itself,its successors and assigns ,to warrant and forever defend all and singular the said premises, except as above stated,unto the said Grantee,its successors and assigns,against itself, its successors and assigns, and all other persons lawfully claiming ,or to claim the same or any part thereof.

IN WITNESS WHEREOF the said South carolina Power & Light Company has caused this deed to be signed in its name as of the 31st day of december,in the year of Our Lord,one thousand nine hundred and twenty seven,and in the one hundred and fifty second year of the sovereignty and Independence of the United States of America.

SOUTH CAROLINA POWER & LIGHT COMPANY

By W.C.Lang
President

Attest
E.P.Summerson
Secretary

Signed, sealed and delivered in the presence of:

A.C. Tufverson
W.W.Staplin

STATE OF NEW YORK
COUNTY OF NEW YORK

Personally appeared before me A.C. Tufverson who, being duly sworn, says that she saw the within named South Carolina Power & Light Company by W.C.Lang, its president, and E.P.Summerson, its Secretary sign, seal and as its act and deed deliver the within written deed and that she with W W Staplin witnessed the execution thereof.

A.C. Tufverson

Sworn and subscribed before me this 12th day of January A.D. 1928

Mary J. Guilfoyle
Notary Public
Notary Public, Bronx County, New York County Clerk's No.1131, Register No.9139A Bronx County Clerk's No.256, register No.2961B. Commission expires March 30, 1929.

(Imp.seal)

Recorded this 21st day of January A D 1928 Book N, page 103
B.Bourne -Auditor georgetown County

Examined and certified Jan 21st A.D. 1928

C.C.C.P.

CERTIFIED A TRUE AND CORRECT COPY
ATTEST: Jessie F. Belanscourt
C.C.C.P. & G.S.
GEORGETOWN COUNTY

C424 J49½

1

STATE OF SOUTH CAROLINA,

County of Georgetown

KNOW ALL MEN BY THESE PRESENTS, That Q. D. Prosser, grantor(s) of said County and State, in consideration of the sum of One Dollar and other valuable considerations, to me (us) in hand paid by CAROLINA POWER & LIGHT COMPANY, the receipt whereof is hereby acknowledged, do hereby grant unto said CAROLINA POWER & LIGHT COMPANY, its successors and assigns, the right, privilege and easement to go in and upon that certain tract or lot of land situated in said County and State, containing 53 acres, bounded by lands of Elijah Brown on West. Hamet on South and East. Rosemary Property on the north side.

and to construct, maintain and operate in, upon, and through said premises, in a proper manner, with poles, wires and other necessary apparatus and appliances, a line for the purpose of transmitting power by electricity, together with the right at all times to enter upon said premises for the purpose of inspecting said line and making necessary repairs and alterations thereon; and the right to permit the attachment of and/or carry in conduit wires and cables of any other company or person; together with the right at all times to cut away and keep clear of said line all trees and other obstructions that may, in any way, endanger the proper maintenance and operation of the same. To have and to hold the aforesaid right, privilege and easement unto the CAROLINA POWER & LIGHT COMPANY, its successors and assigns forever.

Right Of Way for 2300 Volt Line

IN WITNESS WHEREOF, the said grantor(s) do hereunto set his hand(s) and seal(s), this 25 day of June, 1949

Witness: H. B. Huggins

Q D Prosser (Seal)

(Seal)

Witness: Walt Coker

(Seal)

(Seal)

Form 676—Rev. 4-23-45

CREV

KINGSTREE Division

EXT. Q.D. PROSSER - ANDREWS Line

Georgetown County

J- 496 SOUTH CAROLINA C- 424

EASEMENT AND RIGHT OF WAY

FROM

Q. D. Prosser

TO

CAROLINA POWER & LIGHT CO.
Raleigh, N.C.

FILED
BESSIE F. BETANCOURT
GEORGETOWN COUNTY, S.C.
BOOK V-33
JUL 29 1949 PM
PAGE 19
Bessie F. Betancourt
Clerk of Court

THE STATE OF SOUTH CAROLINA,
Georgetown County.

Personally appeared before me F. B. Huggins
and made oath that he saw the within named Q. D. Prosser
sign, seal, and as his act and deed, deliver the within written Deed; and that he, with
W. H. Cohen, witnessed the execution thereof.

Sworn to before me, this 29th
day of July A.D. 1949

Julian B. Worth (Seal)
Notary Public for South Carolina.

F. B. Huggins

C424 J49½

1

STATE OF SOUTH CAROLINA,

County of Georgetown

KNOW ALL MEN BY THESE PRESENTS, That Q. D. Prosser, grantor(s) of said County and State, in consideration of the sum of One Dollar and other valuable considerations, to me (us) in hand paid by CAROLINA POWER & LIGHT COMPANY, the receipt whereof is hereby acknowledged, do hereby grant unto said CAROLINA POWER & LIGHT COMPANY, its successors and assigns, the right, privilege and easement to go in and upon that certain tract or lot of land situated in said County and State, containing 53 acres, bounded by lands of Elijah Brown on West. Hamet on South and East. Rosemary Property on the north side.

and to construct, maintain and operate in, upon, and through said premises, in a proper manner, with poles, wires and other necessary apparatus and appliances, a line for the purpose of transmitting power by electricity, together with the right at all times to enter upon said premises for the purpose of inspecting said line and making necessary repairs and alterations thereon; and the right to permit the attachment of and/or carry in conduit wires and cables of any other company or person; together with the right at all times to cut away and keep clear of said line all trees and other obstructions that may, in any way, endanger the proper maintenance and operation of the same. To have and to hold the aforesaid right, privilege and easement unto the CAROLINA POWER & LIGHT COMPANY, its successors and assigns forever.

Right Of Way for 2300 Volt Line

IN WITNESS WHEREOF, the said grantor(s) do hereunto set his hand(s) and seal(s), this 25 day of June, 1949

Witness: H. B. Huggins

Q D Prosser (Seal)

(Seal)

Witness: Walt Coker

(Seal)

(Seal)

Form 676—Rev. 4-23-45

CREV

KINGSTREE Division

EXT. Q.D. PROSSER - ANDREWS Line

Georgetown County

J- 496 SOUTH CAROLINA C- 424

EASEMENT AND RIGHT OF WAY

FROM

Q. D. Prosser

TO

CAROLINA POWER & LIGHT CO.
Raleigh, N.C.

FILED
BESSIE F. BETANCOURT
GEORGETOWN COUNTY, S.C.
BOOK V-33
JUL 29 1949 PM
PAGE 19
Bessie F. Betancourt
Clerk of Court

THE STATE OF SOUTH CAROLINA,
Georgetown County.

Personally appeared before me F. B. Huggins
and made oath that he saw the within named Q. D. Prosser
sign, seal, and as his act and deed, deliver the within written Deed; and that he, with
W. H. Cohen, witnessed the execution thereof.

Sworn to before me, this 29th
day of July A.D. 1949

Julian B. Worth (Seal)
Notary Public for South Carolina.

F. B. Huggins

BOOK 38 PAGE 343 C764-J510

STATE OF SOUTH CAROLINA

COUNTY OF Georgetown

KNOW ALL MEN BY THESE PRESENTS, That the undersigned V. M. Faircloth

of said County and State, in consideration of the sum of $1.00, in hand paid by CAROLINA POWER & LIGHT COMPANY, the receipt whereof is hereby acknowledged, hereby grant(s) unto said CAROLINA POWER & LIGHT COMPANY, its successors and assigns, the right and privilege to go in and upon that certain tract or lot of land situated in Rosemary #8 Township in said County and State, containing 15 acres, more or less, bounded by lands of South of Myrtle Road. On the West by Henry Weber.

and to construct, maintain, and operate over, under, and across said premises a line consisting of poles, wires, cables, underground conduits, and other pertinent facilities within a strip or area of said land thirty (30) feet wide for the purpose of transmitting electricity, with the right to do all things necessary or convenient thereto, including, but not being limited to, the right: (a) to permit the attachment of wires, cables, and conduits of any other company or person; (b) to enter said strip at all times over the adjacent land to inspect, repair, maintain, and alter said line; (c) to keep said strip cleared of trees, undergrowth, and structures; (d) to trim limbs from, and cut down, any tree outside of said strip which may, in the opinion of the Company, endanger the line or hinder the maintenance, operation, and use of the same. The center line of said strip shall be the center line of the poles or structures as originally located, or as may later be relocated if such relocation is not objected to in writing by the then landowner within sixty (60) days from such relocation.

TO HAVE AND TO HOLD the aforesaid right, privilege and easement unto the CAROLINA POWER & LIGHT COMPANY, its successors and assigns, forever.

IN WITNESS WHEREOF, the undersigned do hereunto set his hand(s) and seal(s), this 29th day of February, 1960

WITNESS:

F. B. Huggins — V. M. Faircloth (SEAL)

Elwin C. Hasselden — (SEAL)

Witness:

(SEAL)

(SEAL)

STATE OF SOUTH CAROLINA,

COUNTY OF Georgetown

Personally appeared before me F. B. Huggins and made oath that he saw the within named V. M. Faircloth sign, seal, and as his act and deed, deliver the within written easement deed, and that he, with Elwin C. Hasselden, witnessed the execution thereof.

Sworn to before me, this 14 day of March, A.D. 1960

Notary Public for South Carolina (Seal)

F. B. Huggins

Form 676 · Rev. 6-59

1992

Sumter-Kingstree
Division

Line

Georgetown
County

SOUTH CAROLINA

J 510 C 764

EASEMENT DEED

FROM

V. M. Faircloth

Andrews, S. C.

TO

CAROLINA POWER & LIGHT COMPANY
Raleigh, N. C.

FILED
BESSIE F. BETANCOURT
C. C. C. P. & G. S.

APR 9 11 55 AM '60

GEORGETOWN COUNTY, S. C.

BOOK 38 PAGE 343

Bessie F. Betancourt
Clerk of Court

EDWARDS & BROUGHTON CO., RALEIGH

BOOK 38 PAGE 343 C764-J510

STATE OF SOUTH CAROLINA

COUNTY OF Georgetown

KNOW ALL MEN BY THESE PRESENTS, That the undersigned V. M. Faircloth

of said County and State, in consideration of the sum of $1.00, in hand paid by CAROLINA POWER & LIGHT COMPANY, the receipt whereof is hereby acknowledged, hereby grant(s) unto said CAROLINA POWER & LIGHT COMPANY, its successors and assigns, the right and privilege to go in and upon that certain tract or lot of land situated in Rosemary #8 Township in said County and State, containing 15 acres, more or less, bounded by lands of South of Myrtle Road. On the West by Henry Weber.

and to construct, maintain, and operate over, under, and across said premises a line consisting of poles, wires, cables, underground conduits, and other pertinent facilities within a strip or area of said land thirty (30) feet wide for the purpose of transmitting electricity, with the right to do all things necessary or convenient thereto, including, but not being limited to, the right: (a) to permit the attachment of wires, cables, and conduits of any other company or person; (b) to enter said strip at all times over the adjacent land to inspect, repair, maintain, and alter said line; (c) to keep said strip cleared of trees, undergrowth, and structures; (d) to trim limbs from, and cut down, any tree outside of said strip which may, in the opinion of the Company, endanger the line or hinder the maintenance, operation, and use of the same. The center line of said strip shall be the center line of the poles or structures as originally located, or as may later be relocated if such relocation is not objected to in writing by the then landowner within sixty (60) days from such relocation.

TO HAVE AND TO HOLD the aforesaid right, privilege and easement unto the CAROLINA POWER & LIGHT COMPANY, its successors and assigns, forever.

IN WITNESS WHEREOF, the undersigned do hereunto set his hand(s) and seal(s), this 29th day of February, 1960

WITNESS:

F. B. Huggins — V. M. Faircloth (SEAL)

Elwin C. Hasselden — (SEAL)

Witness:

(SEAL)

(SEAL)

STATE OF SOUTH CAROLINA,

COUNTY OF Georgetown

Personally appeared before me F. B. Huggins and made oath that he saw the within named V. M. Faircloth sign, seal, and as his act and deed, deliver the within written easement deed, and that he, with Elwin C. Hasselden, witnessed the execution thereof.

Sworn to before me, this 14 day of March, A.D. 1960

Notary Public for South Carolina (Seal)

F. B. Huggins

Form 676 · Rev. 6-59

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V. M. Faircloth

Andrews, S. C.

TO

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C. C. C. P. & G. S.

APR 9 11 55 AM '60

GEORGETOWN COUNTY, S. C.

BOOK 38 PAGE 343

Bessie F. Betancourt
Clerk of Court

EDWARDS & BROUGHTON CO., RALEIGH

C424 J49½

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STATE OF SOUTH CAROLINA,

County of Georgetown

KNOW ALL MEN BY THESE PRESENTS, That Q. D. Prosser, grantor(s) of said County and State, in consideration of the sum of One Dollar and other valuable considerations, to me (us) in hand paid by CAROLINA POWER & LIGHT COMPANY, the receipt whereof is hereby acknowledged, do hereby grant unto said CAROLINA POWER & LIGHT COMPANY, its successors and assigns, the right, privilege and easement to go in and upon that certain tract or lot of land situated in said County and State, containing 53 acres, bounded by lands of Elijah Brown on West. Hamet on South and East. Rosemary Property on the north side.

and to construct, maintain and operate in, upon, and through said premises, in a proper manner, with poles, wires and other necessary apparatus and appliances, a line for the purpose of transmitting power by electricity, together with the right at all times to enter upon said premises for the purpose of inspecting said line and making necessary repairs and alterations thereon; and the right to permit the attachment of and/or carry in conduit wires and cables of any other company or person; together with the right at all times to cut away and keep clear of said line all trees and other obstructions that may, in any way, endanger the proper maintenance and operation of the same. To have and to hold the aforesaid right, privilege and easement unto the CAROLINA POWER & LIGHT COMPANY, its successors and assigns forever.

Right Of Way for 2300 Volt Line

IN WITNESS WHEREOF, the said grantor(s) do hereunto set his hand(s) and seal(s), this 25 day of June, 1949

Witness: H. B. Huggins

Q D Prosser (Seal)

(Seal)

Witness: Walt Coker

(Seal)

(Seal)

Form 676—Rev. 4-23-45

CREV

KINGSTREE Division

EXT. Q.D. PROSSER - ANDREWS Line

Georgetown County

J- 496 SOUTH CAROLINA C- 424

EASEMENT AND RIGHT OF WAY

FROM

Q. D. Prosser

TO

CAROLINA POWER & LIGHT CO.
Raleigh, N.C.

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BESSIE F. BETANCOURT
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Sworn to before me, this 29th
day of July A.D. 1949

Julian B. Worth (Seal)
Notary Public for South Carolina.

F. B. Huggins

CU Estimate
Project Estimation By Compatible Unit

Workorder: 42263919

Work Order Desc: Georgetown County-ToA Drainage Improvements Phase 2 SHEET 12_13

Estimate: 8177715

Designer: Pope, Richard

I/R/T	QTY	CU	CU DESCRIPTION	MATERIAL COST	LABOR INSTALL	LABOR REMOVE	LABOR TRANSFER	SERVICE COST	SALVAGE VALUE
I	4	ANCH-PISA-MD-P	Anchor Power Installed Screw Anchor 8in 10000LB with 3/4in diameter x 7ft long rod	$311.92	$361.20	$0.00	$0.00	$0.00	$0.00
I	3	ANCH-PISA-SM-P	Anchor Power Installed Screw Anchor 8in 6000LB with 3/4in diameter x 7ft long rod	$167.67	$270.90	$0.00	$0.00	$0.00	$0.00
I	1	ARM-SDE-8-FBG-NB-P	(UOP) 8ft Fiberglass Deadend Crossarm	$238.42	$77.79	$0.00	$0.00	$0.00	$0.00
I	1	BKT-EM-ARM-1P-STL-SM-P	Bracket Equipment Mount Arm Single Phase Steel for use with all wood and tangent fiberglass crossarms	$9.95	$44.71	$0.00	$0.00	$0.00	$0.00
I	1	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass	$54.28	$44.71	$0.00	$0.00	$0.00	$0.00
I	1	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel	$33.65	$43.81	$0.00	$0.00	$0.00	$0.00
I	35	CABLE-SVC-2/0-AL-TX-P	(UOP) 600V Service Cable: 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 cables and (1)#2 cable	$46.37	$1.22	$0.00	$0.00	$0.00	$0.00
I	30	CABLE-TAIL-RISER-2/0-TX-600V-P	(UOP) Secondary Riser Tail 600V 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 Cables and (1) #2 Cable	$39.74	$1.22	$0.00	$0.00	$0.00	$0.00
I	6597.85	CADD-FLAGGING-P	DEP Cost Adder flagging (per dollar)	$0.00	$0.00	$0.00	$0.00	$6,597.85	$0.00
I	17	CLAMP-DE-SM-P	Clamp dead end 4/0AL-6CU	$287.47	$7.60	$0.00	$0.00	$0.00	$0.00
I	1	CLAMP-DE-WDG-LG-P	Clamp dead end wedge 4/0AL	$1.85	$1.79	$0.00	$0.00	$0.00	$0.00
I	1	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL	$1.41	$1.79	$0.00	$0.00	$0.00	$0.00
I	1	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL	$1.35	$1.79	$0.00	$0.00	$0.00	$0.00
I	3	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap	$35.88	$4.56	$0.00	$0.00	$0.00	$0.00
I	2	CONN-OH-SPL-AUTO-2AL-P	Connector OH Splice Automatic 2AL-4AL	$13.52	$3.04	$0.00	$0.00	$0.00	$0.00
I	1	CONN-OH-SPL-AUTO-4CUSOL-P	Connector OH Splice Automatic 4CUSOL	$3.19	$1.52	$0.00	$0.00	$0.00	$0.00
I	3	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL-4AL Line	$16.11	$4.56	$0.00	$0.00	$0.00	$0.00
I	6	CONN-OH-TF-STEM-4POS-500AL-P	Connector OH Transformer Stem 1/2in stud to 4 position single set screw 500 AL	$98.72	$3.04	$0.00	$0.00	$0.00	$0.00
I	1	CONN-UG-SPL-600V-2/0AL-TX-P	Connector UG splice 600V 2/0AL triplex	$4.41	$37.35	$0.00	$0.00	$0.00	$0.00
I	2	FUSE-CUTOUT-25/FLIMITER-27KV-POLY-EQUIP-P	Fuse Cutout 25KV Fault Tamer door 27kV class body polymer for equipment	$1,000.80	$185.98	$0.00	$0.00	$0.00	$0.00
I	2	FUSE-LINK-3-CL-FLIMITER-P	Fuse Link 3 CL Fault Tamer	$55.42	$3.58	$0.00	$0.00	$0.00	$0.00
I	2	GND-POLE-6-P	Ground Pole #6 soft drawn copper	$42.36	$87.62	$0.00	$0.00	$0.00	$0.00
I	6	GND-ROD-ADD-VRT-OH-P	Ground Rod Additional vertical stacking Overhead	$100.30	$175.24	$0.00	$0.00	$0.00	$0.00
I	2	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp)	$27.46	$71.52	$0.00	$0.00	$0.00	$0.00
I	9	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single	$346.72	$852.97	$0.00	$0.00	$0.00	$0.00
I	13	GUY-HOOK-P	Guy Hook	$257.01	$9.12	$0.00	$0.00	$0.00	$0.00
I	2	GUY-INSL-10FT-FG-P	Guy Insulator 10ft Fiberglass	$48.08	$85.84	$0.00	$0.00	$0.00	$0.00
I	2	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass	$49.10	$85.84	$0.00	$0.00	$0.00	$0.00
I	2	GUY-SPAN-3/8IN-GALV-ATTACH-P	Guy Span 3/8 in diameter Galvanized Attach	$51.13	$67.06	$0.00	$0.00	$0.00	$0.00
I	104	GUY-SPAN-3/8IN-GALV-WIRE-P	Guy Span 3/8 in diameter Galvanized Wire	$57.39	$115.34	$0.00	$0.00	$0.00	$0.00
I	4	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel	$22.72	$7.16	$0.00	$0.00	$0.00	$0.00
I	8	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel	$61.95	$14.31	$0.00	$0.00	$0.00	$0.00
I	2	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel	$5.48	$3.58	$0.00	$0.00	$0.00	$0.00
I	4	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel	$1.02	$7.16	$0.00	$0.00	$0.00	$0.00
I	2	HDWR-MACH-LG-10IN-GALV-P	Hardware Machine Bolt 3/4in diameter 10in long Galvanized Steel	$8.87	$3.58	$0.00	$0.00	$0.00	$0.00
I	11	HDWR-MACH-LG-12IN-GALV-P	Hardware Machine Bolt 3/4in diameter 12in long Galvanized Steel	$57.14	$19.68	$0.00	$0.00	$0.00	$0.00
I	8	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel	$7.33	$14.31	$0.00	$0.00	$0.00	$0.00
I	1	HDWR-SP-SM-12IN-GALV-P	Hardware Spool Bolt 5/8in diameter 12in long Galvanized Steel	$9.34	$1.79	$0.00	$0.00	$0.00	$0.00
I	4	HDWR-SWASH-SM-GALV-CURVE-P	Hardware Square Washer 5/8in diameter Galvanized Steel curved	$13.40	$7.16	$0.00	$0.00	$0.00	$0.00
I	10	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35kV Polymer	$222.13	$821.68	$0.00	$0.00	$0.00	$0.00
I	3	INSL-POST-25KV-PORC-TT-P	Insulator Post 25kV Porcelain Tie Top	$83.38	$96.57	$0.00	$0.00	$0.00	$0.00
I	1	INSL-SP-SEC-PORC-P	Insulator Spool Secondary/Neutral Porcelain	$2.21	$25.93	$0.00	$0.00	$0.00	$0.00
I	2	INSL-STUD-STL-7IN-THD-P	Insulator Stud Steel 5/8in by 7in Long Threaded	$12.15	$1.52	$0.00	$0.00	$0.00	$0.00
I	2	JUMP-2-AL-P	Jumper 2 AL	$7.22	$92.98	$0.00	$0.00	$0.00	$0.00
I	2	JUMP-4-CU-P	Jumper 4 CU	$10.20	$92.98	$0.00	$0.00	$0.00	$0.00
I	1	LBKT-SIDE-6FT-GALV-WD-PUB-P	Light Bracket side mount 6 foot long Galvanized Finish for wood pole	$34.29	$58.97	$0.00	$0.00	$0.00	$0.00

I	2	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered	$4.30	$3.04	$0.00	$0.00	$0.00	$0.00
I	14997.20	OADD-1DOLLAR-P	DEP Adder Misc - Adder $1 dollar of cost	$0.00	$1.52	$0.00	$0.00	$14,997.20	$0.00
I	2	OLAB-JUMP-TEMP-P	OH Labor Jumper temporary (install and remove, each)	$0.00	$15.20	$0.00	$0.00	$0.00	$0.00
I	2	OLAB-WIRE-LAYOUT-SM-P	OH Labor Temporary Wire layout while reconductoring existing primary/netural wire up to 2/0 (per attachment)	$0.00	$186.87	$0.00	$0.00	$0.00	$0.00
I	1	OLAB-WIRE-MX-RESAG-P	OH Labor Wire multiplex resag (per span)	$0.00	$57.22	$0.00	$0.00	$0.00	$0.00
I	3	OLAB-WIRE-RESAG-P	OH Labor Wire resag (per span)	$0.00	$213.69	$0.00	$0.00	$0.00	$0.00
I	4	POLE-EXISTING-P	DEP GIS Correction or Update Pole existing or foreign owned	$0.00	$7.16	$0.00	$0.00	$0.00	$0.00
I	2	POLE-WD-40-C5-P	Pole wood 40ft class 5	$365.54	$1,008.54	$0.00	$0.00	$0.00	$0.00
I	2	POLE-WD-45-C4-P	Pole wood 45ft class 4	$516.56	$1,008.54	$0.00	$0.00	$0.00	$0.00
I	2	TF-OH-25-23KV-120/240V-1P-P	Transformer OH 25kVA 22.86GY/13.2 kV 120/240V Single Phase Mild Steel	$2,140.28	$772.50	$0.00	$0.00	$0.00	$0.00
I	2	TIE-HAND-6-CU-P	Tie Hand 6 CU	$9.22	$1.52	$0.00	$0.00	$0.00	$0.00
I	1	TIE-SPOOL-1/0-AL-P	Tie Spool 1/0 AL	$2.56	$1.52	$0.00	$0.00	$0.00	$0.00
I	1	TIE-TOP-1/0-AL-FNECK-P	Tie Top 1/0 AL F Neck	$2.56	$1.52	$0.00	$0.00	$0.00	$0.00
I	6	UADD-RESEED-P	DEP Adder Misc - UG Adder Reseed (per square yd)	$0.00	$16.52	$0.00	$0.00	$0.00	$0.00
I	6	UADD-STRAW-P	DEP Adder Misc - UG Adder Straw (per square yd)	$0.00	$22.26	$0.00	$0.00	$0.00	$0.00
I	35	ULAB-CABLE-TRN-MD-P	UG Labor Cable in trench > 1in - 2in diameter cable (per linear ft)	$0.00	$23.70	$0.00	$0.00	$0.00	$0.00
I	1	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex)	$0.00	$20.83	$0.00	$0.00	$0.00	$0.00
I	1	ULAB-SPL-PIT-SEC-P	UG Labor Splice pit secondary (per pit)	$0.00	$117.07	$0.00	$0.00	$0.00	$0.00
I	35	ULAB-TRN-18W-30D-P	UG Labor Trenching up to 18in wide by 30in deep (per linear ft)	$0.00	$101.27	$0.00	$0.00	$0.00	$0.00
I	1882	WIRE-PRI-1/0-AAAC-P	Wire Primary/Neutral 1/0 AAAC	$507.58	$2,507.06	$0.00	$0.00	$0.00	$0.00
I	11	WIRE-PRI-4-CUHD-P	Wire Primary/Neutral #4 Hard Drawn CU	$13.39	$14.31	$0.00	$0.00	$0.00	$0.00
I	160	WIRE-SEC-1/0-AL-TX-P	Wire Secondary 1/0 AL Triplex	$146.83	$174.35	$0.00	$0.00	$0.00	$0.00
I	10	WIRE-SEC-4-AL-TX-P	Wire Secondary 4 AL Triplex	$4.13	$10.73	$0.00	$0.00	$0.00	$0.00
I	93	WIRE-SEC-4/0-AL-TX-P	Wire Secondary 4/0 AL Triplex	$171.98	$120.70	$0.00	$0.00	$0.00	$0.00
R	5 [0]	ANCH-PISA-SM-P	Anchor Power Installed Screw Anchor 8in 6000LB with 3/4in diameter x 7ft long rod [$55.89]	$0.00	$0.00	$268.25	$0.00	$0.00	$0.00
R	1 [0]	ARM-DBL-8-WD-WB-P	(UOP) 8ft Double Wood Crossarm [$55.89]	$0.00	$0.00	$69.47	$0.00	$0.00	$0.00
R	2 [0]	ARM-SGL-8-WD-WB-P	(UOP) 8ft Single Wood Crossarm [$55.89]	$0.00	$0.00	$92.98	$0.00	$0.00	$0.00
R	2 [0]	BKT-INSL-PIN-ARM-FG/WD-P	REM ONLY-Bracket insulator pin on arm fiberglass or wood [$0.00]	$0.00	$0.00	$32.19	$0.00	$0.00	$0.00
R	1 [0]	BKT-INSL-PIN-PTOP-STL-P	REM ONLY-Bracket insulator post pole top steel [$0.00]	$0.00	$0.00	$23.25	$0.00	$0.00	$0.00
R	1 [0]	BKT-INSL-PIN-SCREW-STL-P	REM ONLY-Bracket insulator pin screw steel [$0.00]	$0.00	$0.00	$16.09	$0.00	$0.00	$0.00
R	1 [0]	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter [$55.89]	$0.00	$0.00	$1.44	$0.00	$0.00	$0.00
R	36 [0]	CABLE-SVC-2/0-AL-TX-P	(UOP) 600V Service Cable: 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 cables and (1)#2 cable [$55.89]	$0.00	$0.00	$1.22	$0.00	$0.00	$0.00
R	30 [0]	CABLE-TAIL-RISER-2/0-TX-600V-P	(UOP) Secondary Riser Tail 600V 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 Cables and (1) #2 Cable [$55.89]	$0.00	$0.00	$1.22	$0.00	$0.00	$0.00
R	1 [0]	CLAMP-DE-SM-P	Clamp dead end 4/0AL-6CU [$55.89]	$0.00	$0.00	$1.52	$0.00	$0.00	$0.00
R	1 [0]	CLAMP-DE-WDG-LG-P	Clamp dead end wedge 4/0AL [$55.89]	$0.00	$0.00	$1.79	$0.00	$0.00	$0.00
R	1 [0]	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL [$55.89]	$0.00	$0.00	$1.79	$0.00	$0.00	$0.00
R	3 [0]	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL [$55.89]	$0.00	$0.00	$5.37	$0.00	$0.00	$0.00
R	3 [0]	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	1 [0]	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL-4AL Line [$55.89]	$0.00	$0.00	$1.52	$0.00	$0.00	$0.00
R	2 [0]	CONN-OH-STRP-COMP-2AL-P	Connector OH Stirrup Compression 2AL-4AL line [$55.89]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	2 [0]	GND-POLE-6-P	Ground Pole #6 soft drawn copper [$55.89]	$0.00	$0.00	$28.62	$0.00	$0.00	$0.00
R	2 [0]	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp) [$55.89]	$0.00	$0.00	$35.76	$0.00	$0.00	$0.00
R	6 [0]	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single [$55.89]	$0.00	$0.00	$299.53	$0.00	$0.00	$0.00
R	4 [0]	GUY-HOOK-P	Guy Hook [$55.89]	$0.00	$0.00	$6.08	$0.00	$0.00	$0.00
R	4 [0]	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel [$55.89]	$0.00	$0.00	$7.16	$0.00	$0.00	$0.00
R	2 [0]	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel [$55.89]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	1 [0]	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel [$55.89]	$0.00	$0.00	$1.79	$0.00	$0.00	$0.00
R	4 [0]	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel [$55.89]	$0.00	$0.00	$7.16	$0.00	$0.00	$0.00
R	2 [0]	HDWR-MACH-LG-12IN-GALV-P	Hardware Machine Bolt 3/4in diameter 12in long Galvanized Steel [$55.89]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	7 [0]	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel [$55.89]	$0.00	$0.00	$12.53	$0.00	$0.00	$0.00
R	4 [0]	HDWR-SWASH-SM-GALV-CURVE-P	Hardware Square Washer 5/8in diameter Galvanized Steel curved [$55.89]	$0.00	$0.00	$7.16	$0.00	$0.00	$0.00
R	15 [0]	INSL-1RACK-SEC-PORC-P	Insulator One Wire Rack Secondary/Neutral Porcelain [$55.89]	$0.00	$0.00	$241.41	$0.00	$0.00	$0.00
R	5 [0]	INSL-DE/S-23KV-PORC-P	REM ONLY-Insulator Dead End/Suspension 23kV Porcelain [$0.00]	$0.00	$0.00	$253.91	$0.00	$0.00	$0.00
R	3 [0]	INSL-EXT-LINK-P	Insulator Extension Link [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00

R	5 [0]	INSL-PIN-23KV-PORC-P	REM ONLY: Insulator Pin 23kV Porcelain [$0.00]	$0.00	$0.00	$141.27	$0.00	$0.00	$0.00
R	17 [0]	INSL-SP-SEC-PORC-P	Insulator Spool Secondary/Neutral Porcelain [$55.89]	$0.00	$0.00	$273.60	$0.00	$0.00	$0.00
R	2 [0]	INSL-STUD-STL-7IN-THD-P	Insulator Stud Steel 5/8in by 7in Long Threaded [$55.89]	$0.00	$0.00	$1.52	$0.00	$0.00	$0.00
R	2 [0]	JUMP-2-AL-P	Jumper 2 AL [$55.89]	$0.00	$0.00	$64.38	$0.00	$0.00	$0.00
R	1 [0]	JUMP-4-CU-P	Jumper 4 CU [$55.89]	$0.00	$0.00	$32.19	$0.00	$0.00	$0.00
R	2 [0]	LBKT-SIDE-6FT-GALV-WD-PUB-P	Light Bracket side mount 6 foot long Galvanized Finish for wood pole [$55.89]	$0.00	$0.00	$61.40	$0.00	$0.00	$0.00
R	2 [0]	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered [$55.89]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	2 [0]	LFIX-COBF-HPS-100-GRAY-120V-PUB-P	Light Fixture Cobra Flat Lens High Pressure Sodium 100W Gray (RAL7038) 120V [$55.89]	$0.00	$0.00	$54.94	$0.00	$0.00	$0.00
R	4 [0]	POLE-WD-40-C5-P	Pole wood 40ft class 5 [$55.89]	$0.00	$0.00	$1,037.16	$0.00	$0.00	$0.00
R	1 [0]	RISER-2IN-UGUARD-3PC-P	Riser 2in U Guard 3-10ft section [$55.89]	$0.00	$0.00	$39.50	$0.00	$0.00	$0.00
R	2 [0]	TF-OH-25-23KV-120/240V-1P-P	Transformer OH 25kVA 22.86GY/13.2 kV 120/240V Single Phase Mild Steel [$55.89]	$0.00	$0.00	$482.82	$0.00	$0.00	$0.00
R	4 [0]	TIE-DE GRIP-1/0-AL-P	Tie Dead End Grip 1/0 AL [$55.89]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	7 [0]	TIE-DE GRIP-2-AL-P	Tie Dead End Grip 2 AL [$55.89]	$0.00	$0.00	$7.60	$0.00	$0.00	$0.00
R	6 [0]	TIE-DE GRIP-4-AL-P	Tie Dead End Grip 4 AL [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	3 [0]	TIE-HAND-4-AL-P	Tie Hand 4 AL [$55.89]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	5 [0]	TIE-HAND-6-CU-P	Tie Hand 6 CU [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	1 [0]	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex) [$0.00]	$0.00	$0.00	$12.21	$0.00	$0.00	$0.00
R	12 [0]	WIRE-LGT-4-AL-TX-P	Wire Lighting 4 AL Triplex [$55.89]	$0.00	$0.00	$6.46	$0.00	$0.00	$0.00
R	669 [0]	WIRE-PRI-2-ACSR-P	Wire Primary/Neutral #2 ACSR [$55.89]	$0.00	$0.00	$520.37	$0.00	$0.00	$0.00
R	1154 [0]	WIRE-PRI-4-CUHD-P	Wire Primary/Neutral #4 Hard Drawn CU [$55.89]	$0.00	$0.00	$897.68	$0.00	$0.00	$0.00
R	368 [0]	WIRE-SEC-1/0-AL-P	Wire Secondary 1/0 AAAC [$55.89]	$0.00	$0.00	$286.11	$0.00	$0.00	$0.00
R	298 [0]	WIRE-SEC-4-CUHD-P	Wire Secondary #4 Hard Drawn CU [$55.89]	$0.00	$0.00	$231.57	$0.00	$0.00	$0.00
R	93 [0]	WIRE-SEC-4/0-AL-TX-P	Wire Secondary 4/0 AL Triplex [$55.89]	$0.00	$0.00	$75.10	$0.00	$0.00	$0.00
T	2	LBKT-SIDE-STL-24IN-GALV-FL-WD-PVT-P	Light Bracket side mount Steel 24in long Galvanized Finish for flood light for wood pole Private	$0.00	$0.00	$0.00	$130.86	$0.00	$0.00
T	2	OLAB-TRF-MX-SM-DE-P	DEP Adder Conductor - OH Labor Transferring multiplex up to 2/0 dead end (per attachment)	$0.00	$0.00	$0.00	$164.52	$0.00	$0.00
T	5	OLAB-TRF-WIRE-SM-DE-P	DEP Adder Conductor - OH Labor Transferring overhead wire up to 2/0 dead end (per attachment)	$0.00	$0.00	$0.00	$417.54	$0.00	$0.00
Totals:				$7,845.44	$10,329.71	$5,682.65	$712.92	$21,595.05	$0.00
Overhead Costs:								$8,616.42	
				$1,333.72	$4,121.55	$2,267.38	$284.46		
Total Materials:									
				$9,179.16					
Total Labor:									
					$14,451.26	$7,950.03	$997.38		
Total Install Cost:									
				$53,841.90					
Total Removal Cost:									
				$7,950.03					
Total Transfer Cost:									
				$997.38					
Total Salvage Value:									$0.00

Total Install Man Hours:	116.54
Total Remove Man Hours:	63.86
Total Transfer Man Hours:	8.13

Gross Up $10,435.43

Total Project Cost: $73,224.73

Show Report Criteria

CU Estimate
Project Estimation By Compatible Unit

Workorder: 42539831

Work Order Desc: Georgetown County-ToA Drainage Improvements Phase 2 SHEET 10 & 11

Estimate: 8145819

Designer: Pope, Richard

I/R/T	QTY	CU	CU DESCRIPTION	MATERIAL COST	LABOR INSTALL	LABOR REMOVE	LABOR TRANSFER	SERVICE COST	SALVAGE VALUE
I	1	ANCH-PISA-MD-P	Anchor Power Installed Screw Anchor 8in 10000LB with 3/4in diameter x 7ft long rod	$77.98	$90.30	$0.00	$0.00	$0.00	$0.00
I	12	CABLE-LGT-6-AL-DX-P	(UOP) 600V Lighting Cable #6 Aluminum Duplex with XLPE Insulation. (2) #6 Cables	$4.44	$1.37	$0.00	$0.00	$0.00	$0.00
I	31	CABLE-TAIL-RISER-6-DX-600V-P	(UOP) Secondary Riser Tail for #6 Aluminum duplex with XLPE Insulation. (2) #6 Cables	$15.47	$2.44	$0.00	$0.00	$0.00	$0.00
I	589.75	CADD-FLAGGING-P	DEP Cost Adder flagging (per dollar)	$0.00	$0.00	$0.00	$0.00	$589.75	$0.00
I	2	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL	$2.70	$3.58	$0.00	$0.00	$0.00	$0.00
I	1	CONN-UG-SPL-600V-6AL-DX-P	Connector UG splice 600V 6AL duplex	$0.00	$37.35	$0.00	$0.00	$0.00	$0.00
I	3	GUY-HOOK-P	Guy Hook	$59.31	$3.04	$0.00	$0.00	$0.00	$0.00
I	1	GUY-SPAN-3/8IN-GALV-ATTACH-P	Guy Span 3/8 in diameter Galvanized Attach	$25.56	$33.98	$0.00	$0.00	$0.00	$0.00
I	62	GUY-SPAN-3/8IN-GALV-WIRE-P	Guy Span 3/8 in diameter Galvanized Wire	$34.21	$68.85	$0.00	$0.00	$0.00	$0.00
I	1	GUY-SWLK-3/8IN-GALV-P	Guy Sidewalk 3/8 in diameter Galvanized	$163.13	$126.96	$0.00	$0.00	$0.00	$0.00
I	2	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel	$11.36	$3.58	$0.00	$0.00	$0.00	$0.00
I	1	HDWR-MACH-LG-12IN-GALV-P	Hardware Machine Bolt 3/4in diameter 12in long Galvanized Steel	$5.19	$1.79	$0.00	$0.00	$0.00	$0.00
I	1	HDWR-MACH-SM-12IN-GALV-P	Hardware Machine Bolt 5/8in diameter 12in long Galvanized Steel	$2.00	$1.79	$0.00	$0.00	$0.00	$0.00
I	1	HDWR-SWASH-SM-GALV-FLAT-P	Hardware Square Washer 5/8in diameter Galvanized Steel flat	$0.39	$1.79	$0.00	$0.00	$0.00	$0.00
I	1287.62	OADD-1DOLLAR-P	DEP Adder Misc - Adder $1 dollar of cost	$0.00	$1.52	$0.00	$0.00	$1,287.62	$0.00
I	1	POLE-EXISTING-P	DEP GIS Correction or Update Pole existing or foreign owned	$0.00	$1.79	$0.00	$0.00	$0.00	$0.00
I	1	POLE-WD-35-C5-P	Pole wood 35ft class 5	$137.89	$297.74	$0.00	$0.00	$0.00	$0.00
I	1	RISER-1IN-COND-3PC-P	Riser 1in Conduit 3-10ft sections	$26.03	$85.47	$0.00	$0.00	$0.00	$0.00
I	12	ULAB-CABLE-LGT-TRN-SM-P	UG Labor Lighting Cable in trench up to 1in diameter cable (per linear ft)	$0.00	$5.65	$0.00	$0.00	$0.00	$0.00
I	1	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex)	$0.00	$20.83	$0.00	$0.00	$0.00	$0.00
I	1	ULAB-SPL-PIT-SEC-P	UG Labor Splice pit secondary (per pit)	$0.00	$117.07	$0.00	$0.00	$0.00	$0.00
I	12	ULAB-TRN-18W-30D-P	UG Labor Trenching up to 18in wide by 30in deep (per linear ft)	$0.00	$34.47	$0.00	$0.00	$0.00	$0.00
I	62	WIRE-SEC-4-AL-TX-P	Wire Secondary 4 AL Triplex	$25.59	$67.95	$0.00	$0.00	$0.00	$0.00
R	1 [0]	ANCH-ROUND-MD-P	Anchor Round 10in with 1.25in diameter x 8ft long rod [$85.50]	$0.00	$0.00	$53.65	$0.00	$0.00	$0.00
R	18 [0]	CABLE-LGT-6-AL-DX-P	(UOP) 600V Lighting Cable #6 Aluminum Duplex with XLPE Insulation. (2) #6 Cables [$85.50]	$0.00	$0.00	$1.37	$0.00	$0.00	$0.00
R	30 [0]	CABLE-TAIL-RISER-6-DX-600V-P	(UOP) Secondary Riser Tail for #6 Aluminum duplex with XLPE Insulation. (2) #6 Cables [$85.50]	$0.00	$0.00	$1.22	$0.00	$0.00	$0.00
R	2 [0]	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL [$85.50]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	2 [0]	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL [$85.50]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	1 [0]	GUY-DOWN-5/16IN-GALV-SGL-P	REM ONLY-Guy Down Guy 5/16 in diameter Galvanized Single [$0.00]	$0.00	$0.00	$50.07	$0.00	$0.00	$0.00
R	2 [0]	GUY-HOOK-P	Guy Hook [$85.50]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	1 [0]	GUY-SPAN-3/8IN-GALV-ATTACH-P	Guy Span 3/8 in diameter Galvanized Attach [$85.50]	$0.00	$0.00	$20.56	$0.00	$0.00	$0.00
R	44 [0]	GUY-SPAN-3/8IN-GALV-WIRE-P	Guy Span 3/8 in diameter Galvanized Wire [$85.50]	$0.00	$0.00	$36.66	$0.00	$0.00	$0.00
R	1 [0]	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel [$85.50]	$0.00	$0.00	$1.79	$0.00	$0.00	$0.00
R	1 [0]	HDWR-MACH-LG-12IN-GALV-P	Hardware Machine Bolt 3/4in diameter 12in long Galvanized Steel [$85.50]	$0.00	$0.00	$1.79	$0.00	$0.00	$0.00
R	1 [0]	POLE-WD-30-C6-P	Pole wood 30ft class 6 [$85.50]	$0.00	$0.00	$156.47	$0.00	$0.00	$0.00
R	1 [0]	RISER-2IN-COND-3PC-P	Riser 2in Conduit 3-10ft sections [$85.50]	$0.00	$0.00	$39.50	$0.00	$0.00	$0.00
R	1 [0]	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex) [$0.00]	$0.00	$0.00	$12.21	$0.00	$0.00	$0.00
R	44 [0]	WIRE-SEC-1/0-AL-TX-P	Wire Secondary 1/0 AL Triplex [$85.50]	$0.00	$0.00	$25.93	$0.00	$0.00	$0.00
Totals:				$591.25	$1,009.31	$411.42		$1,877.37	$0.00
Overhead Costs:								$749.07	
Total Materials:				$100.51	$402.71	$164.16			

Total Labor:	$691.76					
Total Install Cost:		$1,412.02	$575.58	$0.00		
Total Removal Cost:	$4,730.23					
Total Transfer Cost:	$575.58					
Total Salvage Value:	$0.00					$0.00
			Total Install Man Hours:	12.11		
	$869.65		**Total Remove Man Hours:**	4.75		
Total Project Cost:	**$6,175.45**					

Gross Up
Show Report Criteria

CU Estimate
Project Estimation By Compatible Unit

Workorder: 42545237

Work Order Desc: Georgetown County-ToA Drainage Improvements Phase 2 SHEET 6 & 16

Estimate: 8177803

Designer: Pope, Richard

I/R/T	QTY	CU	CU DESCRIPTION	MATERIAL COST	LABOR INSTALL	LABOR REMOVE	LABOR TRANSFER	SERVICE COST	SALVAGE VALUE
I	2	ANCH-PISA-MD-P	Anchor Power Installed Screw Anchor 8in 10000LB with 3/4in diameter x 7ft long rod	$155.96	$180.60	$0.00	$0.00	$0.00	$0.00
I	4	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass	$217.12	$178.84	$0.00	$0.00	$0.00	$0.00
I	1	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel	$33.65	$43.81	$0.00	$0.00	$0.00	$0.00
I	1	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter	$62.42	$1.44	$0.00	$0.00	$0.00	$0.00
I	4	CABLE-SEC-4/0-AL-TX-P	(UOP) 600V Secondary Cable: 4/0 Aluminum Triplex with XLPE Insulation. (2) 4/0 cables and (1) 1/0 cable	$7.89	$1.22	$0.00	$0.00	$0.00	$0.00
I	12	CABLE-SVC-2/0-AL-TX-P	(UOP) 600V Service Cable: 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 cables and (1)#2 cable	$15.90	$1.22	$0.00	$0.00	$0.00	$0.00
I	10	CABLE-TAIL-EQ-4/0-TX-600V-P	(UOP) UG Equipment Tail for 600V 4/0 triplex with XLPE Insulation. (2) 4/0 Cables and (1) 1/0 Cable	$19.72	$10.77	$0.00	$0.00	$0.00	$0.00
I	30	CABLE-TAIL-RISER-4/0-TX-600V-P	(UOP) Secondary Riser Tail for 600V 4/0 triplex with XLPE Insulation. (2) 4/0 Cables and (1) 1/0 Cable	$59.17	$1.22	$0.00	$0.00	$0.00	$0.00
I	5274.85	CADD-FLAGGING-P	DEP Cost Adder flagging (per dollar)	$0.00	$0.00	$0.00	$0.00	$5,274.85	$0.00
I	10	CLAMP-DE-SM-P	Clamp dead end 4/0AL-6CU	$169.10	$4.56	$0.00	$0.00	$0.00	$0.00
I	4	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL	$5.65	$7.15	$0.00	$0.00	$0.00	$0.00
I	3	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL	$4.05	$5.37	$0.00	$0.00	$0.00	$0.00
I	4	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap	$47.84	$6.08	$0.00	$0.00	$0.00	$0.00
I	2	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL-4AL Line	$10.74	$3.04	$0.00	$0.00	$0.00	$0.00
I	2	CONN-OH-STRP-COMP-2AL-P	Connector OH Stirrup Compression 2AL-4AL line	$10.74	$3.04	$0.00	$0.00	$0.00	$0.00
I	3	CONN-OH-TF-STEM-2POS-500AL-P	Connector OH Transformer Stem 1/2in stud to 2 position single set screw 500 AL	$59.27	$1.52	$0.00	$0.00	$0.00	$0.00
I	6	CONN-OH-TF-STEM-4POS-500AL-P	Connector OH Transformer Stem 1/2in stud to 4 position single set screw 500 AL	$98.72	$3.04	$0.00	$0.00	$0.00	$0.00
I	3	CONN-UG-PED-AG-INSL-4POS-MD-P	Connector UG pedestal above ground insulated 4 position #12-350kcmil conductor	$45.00	$1.22	$0.00	$0.00	$0.00	$0.00
I	1	CONN-UG-SPL-600V-2/0AL-TX-P	Connector UG splice 600V 2/0AL triplex	$4.41	$37.35	$0.00	$0.00	$0.00	$0.00
I	1	FUSE-CUTOUT-100-27KV-POLY-EQUIP-P	Fuse Cutout 100A 27kV Polymer for equipment	$113.31	$92.99	$0.00	$0.00	$0.00	$0.00
I	1	FUSE-CUTOUT-100-27KV-POLY-LINE-P	Fuse Cutout 100 27KV Polymer Line	$113.31	$92.99	$0.00	$0.00	$0.00	$0.00
I	1	FUSE-CUTOUT-25/FLIMITER-27KV-POLY-EQUIP-P	Fuse Cutout 25KV Fault Tamer door 27kV class body polymer for equipment	$500.40	$92.99	$0.00	$0.00	$0.00	$0.00
I	1	FUSE-LINK-25-S-P	Fuse Link 25 S/IS/KS/MS	$2.80	$1.79	$0.00	$0.00	$0.00	$0.00
I	1	FUSE-LINK-5-CL-FLIMITER-P	Fuse Link 5 CL Fault Tamer	$30.94	$1.79	$0.00	$0.00	$0.00	$0.00
I	1	FUSE-LINK-5-D-P	Fuse Link 5 D	$5.13	$1.79	$0.00	$0.00	$0.00	$0.00
I	3	GND-POLE-6-P	Ground Pole #6 soft drawn copper	$63.54	$131.43	$0.00	$0.00	$0.00	$0.00
I	9	GND-ROD-ADD-VRT-OH-P	Ground Rod Additional vertical stacking Overhead	$150.45	$262.86	$0.00	$0.00	$0.00	$0.00
I	3	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp)	$41.19	$107.28	$0.00	$0.00	$0.00	$0.00
I	3	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single	$115.57	$284.32	$0.00	$0.00	$0.00	$0.00
I	7	GUY-HOOK-P	Guy Hook	$138.39	$4.56	$0.00	$0.00	$0.00	$0.00
I	1	GUY-INSL-10FT-FG-P	Guy Insulator 10ft Fiberglass	$24.04	$42.92	$0.00	$0.00	$0.00	$0.00
I	1	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass	$24.55	$42.92	$0.00	$0.00	$0.00	$0.00
I	2	GUY-SPAN-3/8IN-GALV-ATTACH-P	Guy Span 3/8 in diameter Galvanized Attach	$51.13	$67.06	$0.00	$0.00	$0.00	$0.00
I	275	GUY-SPAN-3/8IN-GALV-WIRE-P	Guy Span 3/8 in diameter Galvanized Wire	$151.74	$304.89	$0.00	$0.00	$0.00	$0.00
I	7	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel	$39.76	$12.53	$0.00	$0.00	$0.00	$0.00
I	7	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel	$54.20	$12.52	$0.00	$0.00	$0.00	$0.00
I	2	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel	$5.48	$3.58	$0.00	$0.00	$0.00	$0.00
I	7	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel	$1.79	$12.53	$0.00	$0.00	$0.00	$0.00
I	7	HDWR-MACH-LG-12IN-GALV-P	Hardware Machine Bolt 3/4in diameter 12in long Galvanized Steel	$36.36	$12.52	$0.00	$0.00	$0.00	$0.00
I	16	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel	$14.67	$28.61	$0.00	$0.00	$0.00	$0.00
I	1	HDWR-SP-SM-12IN-GALV-P	Hardware Spool Bolt 5/8in diameter 12in long Galvanized Steel	$9.34	$1.79	$0.00	$0.00	$0.00	$0.00
I	7	HDWR-SWASH-SM-GALV-CURVE-P	Hardware Square Washer 5/8in diameter Galvanized Steel curved	$23.45	$12.53	$0.00	$0.00	$0.00	$0.00
I	2	INSL-CLIP-SHUNT-P	Insulator Clip Shunt	$9.26	$3.04	$0.00	$0.00	$0.00	$0.00
I	7	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35kV Polymer	$155.49	$575.80	$0.00	$0.00	$0.00	$0.00
I	1	INSL-POST-25KV-PORC-TT-P	Insulator Post 25kV Porcelain Tie Top	$27.79	$32.19	$0.00	$0.00	$0.00	$0.00
I	2	INSL-SP-SEC-PORC-P	Insulator Spool Secondary/Neutral Porcelain	$4.43	$51.86	$0.00	$0.00	$0.00	$0.00
I	3	JUMP-1/0-AL-P	Jumper 1/0 AL	$15.14	$139.48	$0.00	$0.00	$0.00	$0.00
I	1	JUMP-2-AL-P	Jumper 2 AL	$3.61	$46.49	$0.00	$0.00	$0.00	$0.00

I	1	LEAD-EQ-2-CU-COVER-P	Lead Equipment 2 Copper Covered	$11.84	$1.52	$0.00	$0.00	$0.00	$0.00
I	3	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered	$6.45	$4.56	$0.00	$0.00	$0.00	$0.00
I	11949.47	OADD-1DOLLAR-P	DEP Adder Misc - Adder $1 dollar of cost	$0.00	$1.52	$0.00	$0.00	$11,949.47	$0.00
I	15	OADD-POLE-GUARD-P	DEP Adder-OH - OH Adder Pole guard (per section)	$0.00	$96.57	$0.00	$0.00	$0.00	$0.00
I	1	OADD-POLE-REROOF-WD-P	DEP Adder-OH - OH Adder Pole cut off and cap for wood pole (per pole)	$0.00	$62.59	$0.00	$0.00	$0.00	$0.00
I	3	OLAB-WIRE-RESAG-P	OH Labor Wire resag (per span)	$0.00	$213.69	$0.00	$0.00	$0.00	$0.00
I	1	PED-AG-SM-POLY-P	Pedestal Above Ground 8in wide x 8in long Polymer	$89.65	$79.00	$0.00	$0.00	$0.00	$0.00
I	1	POLE-COVER-TOP-P	Pole cap for top of pole being reroofed	$13.16	$62.59	$0.00	$0.00	$0.00	$0.00
I	5	POLE-EXISTING-P	DEP GIS Correction or Update Pole existing or foreign owned	$0.00	$8.95	$0.00	$0.00	$0.00	$0.00
I	1	POLE-WD-30-C6-P	Pole wood 30ft class 6	$91.29	$297.74	$0.00	$0.00	$0.00	$0.00
I	3	POLE-WD-40-C5-P	Pole wood 40ft class 5	$548.31	$1,512.81	$0.00	$0.00	$0.00	$0.00
I	1	POLE-WD-50-C3-P	Pole wood 50ft class 3	$275.25	$504.27	$0.00	$0.00	$0.00	$0.00
I	1	RISER-2IN-COND-3PC-P	Riser 2in Conduit 3-10ft sections	$23.99	$85.47	$0.00	$0.00	$0.00	$0.00
I	1	TF-OH-25-23KV-120/240V-1P-P	Transformer OH 25kVA 22.86GY/13.2 kV 120/240V Single Phase Mild Steel	$1,070.14	$386.25	$0.00	$0.00	$0.00	$0.00
I	2	TF-OH-37-23KV-120/240V-1P-P	Transformer OH 37.5kVA 22.86GY/13.2 kV 120/240V Single Phase Mild Steel	$2,932.70	$772.50	$0.00	$0.00	$0.00	$0.00
I	1	TIE-TOP-2-AL-FNECK-P	Tie Top 2 AL F Neck	$2.97	$1.52	$0.00	$0.00	$0.00	$0.00
I	16	ULAB-CABLE-TRN-MD-P	UG Labor Cable in trench > 1in - 2in diameter cable (per linear ft)	$0.00	$10.77	$0.00	$0.00	$0.00	$0.00
I	4	ULAB-CONN-SEC-EQUIP-P	UG Labor Connections for secondary at UG equipment (per multiplex)	$0.00	$86.91	$0.00	$0.00	$0.00	$0.00
I	1	ULAB-CONN-SEC-EQUIP-SVC-P	UG Labor Connections for service at UG equipment (per multiplex)	$0.00	$21.55	$0.00	$0.00	$0.00	$0.00
I	1	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex)	$0.00	$20.83	$0.00	$0.00	$0.00	$0.00
I	1	ULAB-SPL-PIT-SEC-P	UG Labor Splice pit secondary (per pit)	$0.00	$117.07	$0.00	$0.00	$0.00	$0.00
I	16	ULAB-TRN-18W-30D-P	UG Labor Trenching up to 18in wide by 30in deep (per linear ft)	$0.00	$45.96	$0.00	$0.00	$0.00	$0.00
I	146	WIRE-PRI-1/0-AAAC-P	Wire Primary/Neutral 1/0 AAAC	$39.38	$194.92	$0.00	$0.00	$0.00	$0.00
I	133	WIRE-SEC-1/0-AL-TX-P	Wire Secondary 1/0 AL Triplex	$122.06	$144.84	$0.00	$0.00	$0.00	$0.00
I	52	WIRE-SEC-2-AL-TX-P	Wire Secondary 2 AL Triplex	$31.79	$57.22	$0.00	$0.00	$0.00	$0.00
I	53	WIRE-SVC-2-AL-TX-P	Wire Service 2 AL Triplex	$32.40	$135.90	$0.00	$0.00	$0.00	$0.00
R	1 [0]	ANCH-ROUND-MD-P	Anchor Round 10in with 1.25in diameter x 8ft long rod [$85.50]	$0.00	$0.00	$53.65	$0.00	$0.00	$0.00
R	2 [0]	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass [$85.50]	$0.00	$0.00	$48.28	$0.00	$0.00	$0.00
R	1 [0]	BKT-INSL-PIN-PTOP-STL-P	REM ONLY-Bracket insulator post pole top steel [$0.00]	$0.00	$0.00	$23.25	$0.00	$0.00	$0.00
R	1 [0]	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel [$85.50]	$0.00	$0.00	$23.25	$0.00	$0.00	$0.00
R	1 [0]	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter [$85.50]	$0.00	$0.00	$1.44	$0.00	$0.00	$0.00
R	43 [0]	CABLE-SVC-2/0-AL-TX-P	(UOP) 600V Service Cable: 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 cables and (1)#2 cable [$85.50]	$0.00	$0.00	$2.44	$0.00	$0.00	$0.00
R	31 [0]	CABLE-TAIL-RISER-2/0-TX-600V-P	(UOP) Secondary Riser Tail 600V 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 Cables and (1) #2 Cable [$85.50]	$0.00	$0.00	$2.44	$0.00	$0.00	$0.00
R	4 [0]	CLAMP-DE-SM-P	Clamp dead end 4/0AL-6CU [$85.50]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	7 [0]	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL [$85.50]	$0.00	$0.00	$12.52	$0.00	$0.00	$0.00
R	7 [0]	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL [$85.50]	$0.00	$0.00	$12.53	$0.00	$0.00	$0.00
R	3 [0]	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap [$85.50]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	1 [0]	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL-4AL Line [$85.50]	$0.00	$0.00	$1.52	$0.00	$0.00	$0.00
R	2 [0]	CONN-OH-STRP-COMP-2AL-P	Connector OH Stirrup Compression 2AL-4AL line [$85.50]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	2 [0]	FUSE-CUTOUT-100-27KV-POLY-EQUIP-P	Fuse Cutout 100A 27kV Polymer for equipment [$85.50]	$0.00	$0.00	$110.86	$0.00	$0.00	$0.00
R	2 [0]	FUSE-LINK-5-D-P	Fuse Link 5 D [$85.50]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	3 [0]	GND-POLE-6-P	Ground Pole #6 soft drawn copper [$85.50]	$0.00	$0.00	$42.93	$0.00	$0.00	$0.00
R	3 [0]	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp) [$85.50]	$0.00	$0.00	$53.64	$0.00	$0.00	$0.00
R	2 [0]	GUY-DOWN-5/16IN-GALV-SGL-P	REM ONLY-Guy Down Guy 5/16 in diameter Galvanized Single [$0.00]	$0.00	$0.00	$99.25	$0.00	$0.00	$0.00
R	3 [0]	GUY-HOOK-P	Guy Hook [$85.50]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	2 [0]	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass [$85.50]	$0.00	$0.00	$48.28	$0.00	$0.00	$0.00
R	2 [0]	GUY-SPAN-3/8IN-GALV-ATTACH-P	Guy Span 3/8 in diameter Galvanized Attach [$85.50]	$0.00	$0.00	$40.23	$0.00	$0.00	$0.00
R	534 [0]	GUY-SPAN-3/8IN-GALV-WIRE-P	Guy Span 3/8 in diameter Galvanized Wire [$85.50]	$0.00	$0.00	$444.37	$0.00	$0.00	$0.00
R	5 [0]	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel [$85.50]	$0.00	$0.00	$8.95	$0.00	$0.00	$0.00
R	6 [0]	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel [$85.50]	$0.00	$0.00	$10.74	$0.00	$0.00	$0.00
R	6 [0]	HDWR-MACH-LG-12IN-GALV-P	Hardware Machine Bolt 3/4in diameter 12in long Galvanized Steel [$85.50]	$0.00	$0.00	$10.73	$0.00	$0.00	$0.00
R	16 [0]	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel [$85.50]	$0.00	$0.00	$28.61	$0.00	$0.00	$0.00
R	5 [0]	HDWR-MACH-SM-12IN-GALV-P	Hardware Machine Bolt 5/8in diameter 12in long Galvanized Steel [$85.50]	$0.00	$0.00	$8.95	$0.00	$0.00	$0.00
R	6 [0]	HDWR-SWASH-SM-GALV-CURVE-P	Hardware Square Washer 5/8in diameter Galvanized Steel curved [$85.50]	$0.00	$0.00	$10.74	$0.00	$0.00	$0.00
R	10 [0]	INSL-1RACK-SEC-PORC-P	Insulator One Wire Rack Secondary/Neutral Porcelain [$85.50]	$0.00	$0.00	$160.94	$0.00	$0.00	$0.00

R	2 [0]	INSL-DE/S-23KV-PORC-P	REM ONLY-Insulator Dead End/Suspension 23kV Porcelain [$0.00]	$0.00	$0.00	$101.92	$0.00	$0.00	$0.00
R	1 [0]	INSL-DE/S-25KV-POLY-P	REM ONLY: Insulator Dead End/Suspension 25kV Polymer [$0.00]	$0.00	$0.00	$50.96	$0.00	$0.00	$0.00
R	2 [0]	INSL-EXT-LINK-P	Insulator Extension Link [$85.50]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	2 [0]	INSL-PIN-23KV-PORC-P	REM ONLY: Insulator Pin 23kV Porcelain [$0.00]	$0.00	$0.00	$57.22	$0.00	$0.00	$0.00
R	9 [0]	INSL-SP-SEC-PORC-P	Insulator Spool Secondary/Neutral Porcelain [$85.50]	$0.00	$0.00	$144.85	$0.00	$0.00	$0.00
R	3 [0]	JUMP-2-AL-P	Jumper 2 AL [$85.50]	$0.00	$0.00	$97.46	$0.00	$0.00	$0.00
R	3 [0]	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered [$85.50]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	1 [0]	POLE-WD-30-C6-P	Pole wood 30ft class 6 [$85.50]	$0.00	$0.00	$156.47	$0.00	$0.00	$0.00
R	1 [0]	POLE-WD-35-C5-P	Pole wood 35ft class 5 [$85.50]	$0.00	$0.00	$156.47	$0.00	$0.00	$0.00
R	4 [0]	POLE-WD-40-C5-P	Pole wood 40ft class 5 [$85.50]	$0.00	$0.00	$1,037.16	$0.00	$0.00	$0.00
R	1 [0]	RISER-2IN-UGUARD-3PC-P	Riser 2in U Guard 3-10ft section [$85.50]	$0.00	$0.00	$39.50	$0.00	$0.00	$0.00
R	1 [0]	TF-OH-25-23KV-120/240V-1P-P	Transformer OH 25kVA 22.86GY/13.2 kV 120/240V Single Phase Mild Steel [$85.50]	$0.00	$0.00	$241.41	$0.00	$0.00	$0.00
R	2 [0]	TF-OH-37-23KV-120/240V-1P-P	Transformer OH 37.5kVA 22.86GY/13.2 kV 120/240V Single Phase Mild Steel [$85.50]	$0.00	$0.00	$482.82	$0.00	$0.00	$0.00
R	3 [0]	TIE-HAND-4-AL-P	Tie Hand 4 AL [$85.50]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	1 [0]	TIE-TOP-2-AL-FNECK-P	Tie Top 2 AL F Neck [$85.50]	$0.00	$0.00	$1.52	$0.00	$0.00	$0.00
R	2 [0]	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex) [$0.00]	$0.00	$0.00	$24.42	$0.00	$0.00	$0.00
R	400 [0]	WIRE-PRI-2-ACSR-P	Wire Primary/Neutral #2 ACSR [$85.50]	$0.00	$0.00	$310.26	$0.00	$0.00	$0.00
R	16 [0]	WIRE-SEC-1/0-AL-P	Wire Secondary 1/0 AAAC [$85.50]	$0.00	$0.00	$12.52	$0.00	$0.00	$0.00
R	118 [0]	WIRE-SEC-1/0-AL-TX-P	Wire Secondary 1/0 AL Triplex [$85.50]	$0.00	$0.00	$70.63	$0.00	$0.00	$0.00
R	44 [0]	WIRE-SEC-2-AL-TX-P	Wire Secondary 2 AL Triplex [$85.50]	$0.00	$0.00	$25.93	$0.00	$0.00	$0.00
R	50 [0]	WIRE-SVC-2-AL-TX-P	Wire Service 2 AL Triplex [$85.50]	$0.00	$0.00	$69.74	$0.00	$0.00	$0.00
T	1	LBKT-SIDE-6FT-GALV-WD-PVT-P	Light Bracket side mount 6 foot long Galvanized Finish for wood pole Private	$0.00	$0.00	$0.00	$81.59	$0.00	$0.00
T	1	LBKT-SIDE-STL-30IN-GALV-WD-PUB-P	Light Bracket side mount Steel 30 inch long Galvanized Finish for wood pole	$0.00	$0.00	$0.00	$81.59	$0.00	$0.00
T	3	OLAB-TRF-MX-SM-DE-P	DEP Adder Conductor - OH Labor Transferring multiplex up to 2/0 dead end (per attachment)	$0.00	$0.00	$0.00	$245.88	$0.00	$0.00
T	6	OLAB-TRF-WIRE-SM-DE-P	DEP Adder Conductor - OH Labor Transferring overhead wire up to 2/0 dead end (per attachment)	$0.00	$0.00	$0.00	$501.59	$0.00	$0.00
T	2	OLAB-TRF-WIRE-SM-NDE-P	DEP Adder Conductor - OH Labor Transferring overhead wire up to 2/0 non dead end (per attachment)	$0.00	$0.00	$0.00	$135.01	$0.00	$0.00
Totals:				$8,245.99	$7,897.06	$4,371.22	$1,045.66	$17,224.32	$0.00
Overhead Costs:								$6,872.50	
Total Materials:				$1,401.82	$3,150.93	$1,744.12	$417.22		
Total Labor:				$9,647.81					
Total Install Cost:					$11,047.99	$6,115.34	$1,462.88		
Total Removal Cost:				$44,792.62					
Total Transfer Cost:				$6,115.34					
Total Salvage Value:				$1,462.88					$0.00

Total Install Man Hours:	89.75
Total Remove Man Hours:	49.08
Total Transfer Man Hours:	11.89

Gross Up $7,593.77

Total Project Cost: **$59,964.60**

Show Report Criteria

CU Estimate
Project Estimation By Compatible Unit

Workorder: 42558620

Work Order Desc: Georgetown County-ToA Drainage Improvements Phase 2 SHEET 14 &15

Estimate: 8177807

Designer: Pope, Richard

I/R/T	QTY	CU	CU DESCRIPTION	MATERIAL COST	LABOR INSTALL	LABOR REMOVE	LABOR TRANSFER	SERVICE COST	SALVAGE VALUE
I	7	ANCH-PISA-MD-P	Anchor Power Installed Screw Anchor 8in 10000LB with 3/4in diameter x 7ft long rod	$545.86	$632.10	$0.00	$0.00	$0.00	$0.00
I	1	ARM-SGL-8-WD-WB-P	(UOP) 8ft Single Wood Crossarm	$116.21	$77.79	$0.00	$0.00	$0.00	$0.00
I	2	BKT-EM-ARM-1P-STL-SM-P	Bracket Equipment Mount Arm Single Phase Steel for use with all wood and tangent fiberglass crossarms	$19.90	$89.42	$0.00	$0.00	$0.00	$0.00
I	3	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass	$162.84	$134.13	$0.00	$0.00	$0.00	$0.00
I	3	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel	$100.95	$131.43	$0.00	$0.00	$0.00	$0.00
I	1	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter	$62.42	$1.44	$0.00	$0.00	$0.00	$0.00
I	1	CABLE-TAIL-RISER-2/0-TX-600V-P	(UOP) Secondary Riser Tail 600V 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 Cables and (1) #2 Cable	$1.32	$1.22	$0.00	$0.00	$0.00	$0.00
I	9577.75	CADD-FLAGGING-P	DEP Cost Adder flagging (per dollar)	$0.00	$0.00	$0.00	$0.00	$9,577.75	$0.00
I	10000	CADD-TREE-TRIM-P	DEP Cost Adder tree trimming (per dollar)	$0.00	$0.00	$0.00	$0.00	$10,000.00	$0.00
I	6	CLAMP-DE-MD-P	Clamp dead end 336-477	$103.62	$1.52	$0.00	$0.00	$0.00	$0.00
I	22	CLAMP-DE-SM-P	Clamp dead end 4/0AL-6CU	$372.02	$10.64	$0.00	$0.00	$0.00	$0.00
I	3	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL	$4.24	$5.37	$0.00	$0.00	$0.00	$0.00
I	4	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL	$5.40	$7.16	$0.00	$0.00	$0.00	$0.00
I	6	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap	$71.76	$9.12	$0.00	$0.00	$0.00	$0.00
I	2	CONN-OH-SPL-TENS-1/0AL-P	Connector OH Splice Tension 1/0AL	$60.08	$1.52	$0.00	$0.00	$0.00	$0.00
I	1	CONN-OH-SPL-TENS-2AL-P	Connector OH Splice Tension 2AL	$3.90	$1.52	$0.00	$0.00	$0.00	$0.00
I	3	CONN-OH-SPL-TENS-477AL-P	Connector OH Splice Tension 477AL	$42.00	$4.56	$0.00	$0.00	$0.00	$0.00
I	5	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL-4AL Line	$26.85	$7.60	$0.00	$0.00	$0.00	$0.00
I	1	CONN-OH-STRP-COMP-477AL-P	Connector OH Stirrup Compression 477AL-4/0AL line	$15.01	$1.52	$0.00	$0.00	$0.00	$0.00
I	6	CONN-OH-TF-STEM-2POS-500AL-P	Connector OH Transformer Stem 1/2in stud to 2 position single set screw 500 AL	$118.54	$3.04	$0.00	$0.00	$0.00	$0.00
I	1	CONN-UG-SPL-600V-2/0AL-TX-P	Connector UG splice 600V 2/0AL triplex	$4.41	$37.35	$0.00	$0.00	$0.00	$0.00
I	3	FUSE-CUTOUT-100-27KV-POLY-LINE-P	Fuse Cutout 100 27KV Polymer Line	$339.93	$278.97	$0.00	$0.00	$0.00	$0.00
I	3	FUSE-CUTOUT-25/FLIMITER-27KV-POLY-EQUIP-P	Fuse Cutout 25KV Fault Tamer door 27kV class body polymer for equipment	$1,501.20	$278.97	$0.00	$0.00	$0.00	$0.00
I	3	FUSE-LINK-3-CL-FLIMITER-P	Fuse Link 3 CL Fault Tamer	$83.13	$5.37	$0.00	$0.00	$0.00	$0.00
I	3	FUSE-LINK-65-S-P	Fuse Link 65 S/IS/KS/MS	$11.64	$5.37	$0.00	$0.00	$0.00	$0.00
I	2	GND-POLE-6-P	Ground Pole #6 soft drawn copper	$42.36	$87.62	$0.00	$0.00	$0.00	$0.00
I	6	GND-ROD-ADD-VRT-OH-P	Ground Rod Additional vertical stacking Overhead	$100.30	$175.24	$0.00	$0.00	$0.00	$0.00
I	2	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp)	$27.46	$71.52	$0.00	$0.00	$0.00	$0.00
I	55	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single	$2,118.92	$5,220.64	$0.00	$0.00	$0.00	$0.00
I	12	GUY-HOOK-P	Guy Hook	$237.24	$10.64	$0.00	$0.00	$0.00	$0.00
I	3	GUY-INSL-10FT-FG-P	Guy Insulator 10ft Fiberglass	$72.12	$128.75	$0.00	$0.00	$0.00	$0.00
I	5	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass	$122.75	$214.60	$0.00	$0.00	$0.00	$0.00
I	1	GUY-SWLK-3/8IN-GALV-P	Guy Sidewalk 3/8 in diameter Galvanized	$163.13	$126.96	$0.00	$0.00	$0.00	$0.00
I	9	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel	$51.12	$16.10	$0.00	$0.00	$0.00	$0.00
I	8	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel	$61.94	$14.31	$0.00	$0.00	$0.00	$0.00
I	14	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel	$38.32	$25.05	$0.00	$0.00	$0.00	$0.00
I	4	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel	$1.02	$7.16	$0.00	$0.00	$0.00	$0.00
I	12	HDWR-MACH-LG-12IN-GALV-P	Hardware Machine Bolt 3/4in diameter 12in long Galvanized Steel	$62.33	$21.48	$0.00	$0.00	$0.00	$0.00
I	1	HDWR-MACH-LG-16IN-GALV-P	Hardware Machine Bolt 3/4in diameter 16in long Galvanized Steel	$7.86	$1.79	$0.00	$0.00	$0.00	$0.00
I	18	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel	$16.48	$32.21	$0.00	$0.00	$0.00	$0.00
I	5	HDWR-MACH-SM-12IN-GALV-P	Hardware Machine Bolt 5/8in diameter 12in long Galvanized Steel	$9.98	$8.95	$0.00	$0.00	$0.00	$0.00
I	3	HDWR-SP-SM-12IN-GALV-P	Hardware Spool Bolt 5/8in diameter 12in long Galvanized Steel	$28.02	$5.37	$0.00	$0.00	$0.00	$0.00
I	4	HDWR-SWASH-SM-GALV-CURVE-P	Hardware Square Washer 5/8in diameter Galvanized Steel curved	$13.40	$7.16	$0.00	$0.00	$0.00	$0.00
I	2	INSL-1RACK-SEC-PORC-P	Insulator One Wire Rack Secondary/Neutral Porcelain	$11.07	$51.86	$0.00	$0.00	$0.00	$0.00

I	17	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35kV Polymer	$377.62	$1,397.47	$0.00	$0.00	$0.00	$0.00
I	3	INSL-GAIN-LG-P	Insulator gain grid 5 1/2in diameter	$65.69	$1.52	$0.00	$0.00	$0.00	$0.00
I	7	INSL-POST-25KV-PORC-TT-P	Insulator Post 25kV Porcelain Tie Top	$194.54	$224.43	$0.00	$0.00	$0.00	$0.00
I	3	INSL-POST-35KV-PORC-TT-P	Insulator Post 35kV Porcelain Tie Top	$112.07	$95.67	$0.00	$0.00	$0.00	$0.00
I	3	INSL-SP-SEC-PORC-P	Insulator Spool Secondary/Neutral Porcelain	$6.63	$77.79	$0.00	$0.00	$0.00	$0.00
I	8	INSL-STUD-STL-10IN-THD-P	Insulator Stud Steel 5/8in by 10in Long Threaded	$73.35	$4.56	$0.00	$0.00	$0.00	$0.00
I	2	INSL-STUD-STL-7IN-THD-P	Insulator Stud Steel 5/8in by 7in Long Threaded	$12.15	$1.52	$0.00	$0.00	$0.00	$0.00
I	3	JUMP-1/0-AL-P	Jumper 1/0 AL	$15.14	$139.48	$0.00	$0.00	$0.00	$0.00
I	3	JUMP-2-AL-P	Jumper 2 AL	$10.82	$139.48	$0.00	$0.00	$0.00	$0.00
I	3	JUMP-477-AL-P	Jumper 477 AL	$13.89	$169.88	$0.00	$0.00	$0.00	$0.00
I	1	LBKT-SIDE-6FT-GALV-WD-PUB-P	Light Bracket side mount 6 foot long Galvanized Finish for wood pole	$34.29	$58.97	$0.00	$0.00	$0.00	$0.00
I	3	LEAD-EQ-2-CU-COVER-P	Lead Equipment 2 Copper Covered	$35.52	$4.56	$0.00	$0.00	$0.00	$0.00
I	3	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered	$6.45	$4.56	$0.00	$0.00	$0.00	$0.00
I	1	LFIX-PHOTO-1000-GRN-MULTIV-PUB-P	Light Fixture Photocell 1000W green multivoltage up to 277V Public	$17.11	$1.37	$0.00	$0.00	$0.00	$0.00
I	1	LFIX-RW-LED-50-GRAY-III-MULTIV-PUB-P	Light Fixture Roadway LED 50W Gray Type III Public	$127.11	$58.97	$0.00	$0.00	$0.00	$0.00
I	26828.97	OADD-1DOLLAR-P	DEP Adder Misc - Adder $1 dollar of cost	$0.00	$1.52	$0.00	$0.00	$26,828.97	$0.00
I	25	OADD-POLE-GUARD-P	DEP Adder-OH - OH Adder Pole guard (per section)	$0.00	$160.95	$0.00	$0.00	$0.00	$0.00
I	4	OLAB-JUMP-TEMP-P	OH Labor Jumper temporary (install and remove, each)	$0.00	$29.50	$0.00	$0.00	$0.00	$0.00
I	3	OLAB-WIRE-LAYOUT-MD-P	OH Labor Temporary Wire layout while reconductoring existing primary/netural wire between 2/0 and 556 (per span)	$0.00	$352.28	$0.00	$0.00	$0.00	$0.00
I	6	OLAB-WIRE-RESAG-P	OH Labor Wire resag (per span)	$0.00	$426.48	$0.00	$0.00	$0.00	$0.00
I	4	POLE-EXISTING-P	DEP GIS Correction or Update Pole existing or foreign owned	$0.00	$7.16	$0.00	$0.00	$0.00	$0.00
I	1	POLE-WD-30-C6-P	Pole wood 30ft class 6	$91.29	$297.74	$0.00	$0.00	$0.00	$0.00
I	2	POLE-WD-40-C5-P	Pole wood 40ft class 5	$365.54	$1,008.54	$0.00	$0.00	$0.00	$0.00
I	2	POLE-WD-45-C4-P	Pole wood 45ft class 4	$516.56	$1,008.54	$0.00	$0.00	$0.00	$0.00
I	2	POLE-WD-50-C3-P	Pole wood 50ft class 3	$550.50	$1,008.54	$0.00	$0.00	$0.00	$0.00
I	1	RISER-2IN-COND-3PC-P	Riser 2in Conduit 3-10ft sections	$23.99	$85.47	$0.00	$0.00	$0.00	$0.00
I	2	TF-OH-25-23KV-120/240V-1P-P	Transformer OH 25kVA 22.86GY/13.2 kV 120/240V Single Phase Mild Steel	$2,140.28	$772.50	$0.00	$0.00	$0.00	$0.00
I	2	TIE-COMP-SM-COV-FNECK-P	Tie Composite 6-2	$27.36	$3.04	$0.00	$0.00	$0.00	$0.00
I	1	TIE-HAND-4-AL-P	Tie Hand 4 AL	$1.53	$1.52	$0.00	$0.00	$0.00	$0.00
I	3	TIE-SIDE-477-AL-FNECK-P	Tie Side 477 AL F Neck	$15.09	$1.52	$0.00	$0.00	$0.00	$0.00
I	3	TIE-SPOOL-2-AL-P	Tie Spool 2 AL	$7.38	$4.56	$0.00	$0.00	$0.00	$0.00
I	4	TIE-TOP-477-AL-FNECK-P	Tie Top 477 AL F Neck	$21.35	$3.04	$0.00	$0.00	$0.00	$0.00
I	1	UADD-RESEED-P	DEP Adder Misc - UG Adder Reseed (per square yd)	$0.00	$2.87	$0.00	$0.00	$0.00	$0.00
I	1	UADD-STRAW-P	DEP Adder Misc - UG Adder Straw (per square yd)	$0.00	$3.59	$0.00	$0.00	$0.00	$0.00
I	5	ULAB-TRN-HDIG-P	UG Labor Trenching hand dig (per cubic ft)	$0.00	$86.18	$0.00	$0.00	$0.00	$0.00
I	902	WIRE-PRI-1/0-AAAC-P	Wire Primary/Neutral 1/0 AAAC	$243.28	$1,201.66	$0.00	$0.00	$0.00	$0.00
I	5	WIRE-PRI-2-ACSR-P	Wire Primary/Neutral #2 ACSR	$0.90	$6.26	$0.00	$0.00	$0.00	$0.00
I	15	WIRE-PRI-477-AAC-P	Wire Primary/Neutral 477kcmil AAC	$17.37	$29.52	$0.00	$0.00	$0.00	$0.00
I	10	WIRE-SEC-1/0-AL-P	Wire Secondary 1/0 AAAC	$9.18	$13.41	$0.00	$0.00	$0.00	$0.00
I	4	WIRE-SEC-1/0-AL-TX-P	Wire Secondary 1/0 AL Triplex	$3.67	$4.47	$0.00	$0.00	$0.00	$0.00
I	101	WIRE-SEC-2-AL-TX-P	Wire Secondary 2 AL Triplex	$61.76	$109.97	$0.00	$0.00	$0.00	$0.00
R	5 [0]	ANCH-PISA-SM-P	Anchor Power Installed Screw Anchor 8in 6000LB with 3/4in diameter x 7ft long rod [$55.89]	$0.00	$0.00	$268.25	$0.00	$0.00	$0.00
R	5 [0]	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass [$55.89]	$0.00	$0.00	$120.70	$0.00	$0.00	$0.00
R	9 [0]	BKT-INSL-PIN-POLE-FG-P	REM ONLY: Bracket insulator pin pole fiberglass [$0.00]	$0.00	$0.00	$209.21	$0.00	$0.00	$0.00
R	8 [0]	BKT-INSL-PIN-PTOP-STL-P	REM ONLY-Bracket insulator post pole top steel [$0.00]	$0.00	$0.00	$185.99	$0.00	$0.00	$0.00
R	1 [0]	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter [$55.89]	$0.00	$0.00	$1.44	$0.00	$0.00	$0.00
R	13 [0]	CABLE-SVC-2/0-AL-TX-P	(UOP) 600V Service Cable: 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 cables and (1)#2 cable [$55.89]	$0.00	$0.00	$1.22	$0.00	$0.00	$0.00
R	30 [0]	CABLE-TAIL-RISER-2/0-TX-600V-P	(UOP) Secondary Riser Tail 600V 2/0 Aluminum Triplex with XLPE Insulation. (2) 2/0 Cables and (1) #2 Cable [$55.89]	$0.00	$0.00	$1.22	$0.00	$0.00	$0.00
R	7 [0]	CLAMP-DE-SM-P	Clamp dead end 4/0AL-6CU [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	2 [0]	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL [$55.89]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	5 [0]	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL [$55.89]	$0.00	$0.00	$8.95	$0.00	$0.00	$0.00

R	3 [0]	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	3 [0]	CONN-OH-HLC-795AL-6AL-P	REM ONLY-Connector OH Hot Line Clamp 795AL-4/0AL Line to 250AL-6AL Tap [$0.00]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	2 [0]	CONN-OH-STRP-BLT-556AL-P	Connector OH Stirrup Bolted 556AL-336AL Line [$55.89]	$0.00	$0.00	$3.04	$0.00	$0.00	$0.00
R	1 [0]	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL-4AL Line [$55.89]	$0.00	$0.00	$1.52	$0.00	$0.00	$0.00
R	2 [0]	FUSE-CUTOUT-100-27KV-POLY-EQUIP-P	Fuse Cutout 100A 27kV Polymer for equipment [$55.89]	$0.00	$0.00	$110.86	$0.00	$0.00	$0.00
R	3 [0]	FUSE-CUTOUT-100-27KV-POLY-LINE-P	Fuse Cutout 100 27KV Polymer Line [$55.89]	$0.00	$0.00	$166.29	$0.00	$0.00	$0.00
R	2 [0]	FUSE-LINK-3-D-P	Fuse Link 3 D [$55.89]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	3 [0]	FUSE-LINK-65-S-P	Fuse Link 65 S/IS/KS/MS [$55.89]	$0.00	$0.00	$5.37	$0.00	$0.00	$0.00
R	2 [0]	GND-POLE-6-P	Ground Pole #6 soft drawn copper [$55.89]	$0.00	$0.00	$28.62	$0.00	$0.00	$0.00
R	2 [0]	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp) [$55.89]	$0.00	$0.00	$35.76	$0.00	$0.00	$0.00
R	7 [0]	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single [$55.89]	$0.00	$0.00	$348.71	$0.00	$0.00	$0.00
R	7 [0]	GUY-HOOK-P	Guy Hook [$55.89]	$0.00	$0.00	$7.60	$0.00	$0.00	$0.00
R	4 [0]	GUY-INSL-10FT-FG-P	Guy Insulator 10ft Fiberglass [$55.89]	$0.00	$0.00	$94.78	$0.00	$0.00	$0.00
R	3 [0]	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass [$55.89]	$0.00	$0.00	$71.53	$0.00	$0.00	$0.00
R	2 [0]	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel [$55.89]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	2 [0]	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel [$55.89]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	2 [0]	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel [$55.89]	$0.00	$0.00	$3.58	$0.00	$0.00	$0.00
R	4 [0]	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel [$55.89]	$0.00	$0.00	$7.16	$0.00	$0.00	$0.00
R	7 [0]	HDWR-MACH-LG-12IN-GALV-P	Hardware Machine Bolt 3/4in diameter 12in long Galvanized Steel [$55.89]	$0.00	$0.00	$12.53	$0.00	$0.00	$0.00
R	32 [0]	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel [$55.89]	$0.00	$0.00	$57.24	$0.00	$0.00	$0.00
R	8 [0]	HDWR-MACH-SM-12IN-GALV-P	Hardware Machine Bolt 5/8in diameter 12in long Galvanized Steel [$55.89]	$0.00	$0.00	$14.32	$0.00	$0.00	$0.00
R	4 [0]	HDWR-SWASH-SM-GALV-CURVE-P	Hardware Square Washer 5/8in diameter Galvanized Steel curved [$55.89]	$0.00	$0.00	$7.16	$0.00	$0.00	$0.00
R	9 [0]	INSL-1RACK-SEC-PORC-P	Insulator One Wire Rack Secondary/Neutral Porcelain [$55.89]	$0.00	$0.00	$144.83	$0.00	$0.00	$0.00
R	3 [0]	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35kV Polymer [$55.89]	$0.00	$0.00	$151.99	$0.00	$0.00	$0.00
R	11 [0]	INSL-PIN-23KV-PORC-P	REM ONLY: Insulator Pin 23kV Porcelain [$0.00]	$0.00	$0.00	$312.04	$0.00	$0.00	$0.00
R	11 [0]	INSL-SP-SEC-PORC-P	Insulator Spool Secondary/Neutral Porcelain [$55.89]	$0.00	$0.00	$177.02	$0.00	$0.00	$0.00
R	1 [0]	JUMP-2-AL-P	Jumper 2 AL [$55.89]	$0.00	$0.00	$32.19	$0.00	$0.00	$0.00
R	1 [0]	LBKT-SIDE-6FT-GALV-WD-PUB-P	Light Bracket side mount 6 foot long Galvanized Finish for wood pole [$55.89]	$0.00	$0.00	$30.70	$0.00	$0.00	$0.00
R	1 [0]	LBKT-SIDE-STL-4FT-GALV-WD-PUB-P	Light Bracket side mount Steel 4 foot long Galvanized Finish for wood pole [$55.89]	$0.00	$0.00	$30.70	$0.00	$0.00	$0.00
R	3 [0]	LEAD-EQ-2-CU-COVER-P	Lead Equipment 2 Copper Covered [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	3 [0]	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	2 [0]	LFIX-COBF-HPS-100-GRAY-120V-PUB-P	Light Fixture Cobra Flat Lens High Pressure Sodium 100W Gray (RAL7038) 120V [$55.89]	$0.00	$0.00	$54.94	$0.00	$0.00	$0.00
R	1 [0]	LFIX-PHOTO-1000-120V-PUB-P	Light Fixture Photocell 1000W 120V Public [$55.89]	$0.00	$0.00	$1.37	$0.00	$0.00	$0.00
R	1 [0]	LFIX-PHOTO-1000-GRN-MULTIV-PUB-P	Light Fixture Photocell 1000W green multivoltage up to 277V Public [$55.89]	$0.00	$0.00	$1.37	$0.00	$0.00	$0.00
R	1 [0]	OLAB-POLE-PULL-STUB-P	OH Labor Pole pull stub (per pole) [$0.00]	$0.00	$0.00	$60.33	$0.00	$0.00	$0.00
R	1 [0]	POLE-WD-30-C6-P	Pole wood 30ft class 6 [$55.89]	$0.00	$0.00	$156.47	$0.00	$0.00	$0.00
R	1 [0]	POLE-WD-40-C5-P	Pole wood 40ft class 5 [$55.89]	$0.00	$0.00	$259.29	$0.00	$0.00	$0.00
R	3 [0]	POLE-WD-45-C4-P	Pole wood 45ft class 4 [$55.89]	$0.00	$0.00	$777.87	$0.00	$0.00	$0.00
R	1 [0]	POLE-WD-50-C3-P	Pole wood 50ft class 3 [$55.89]	$0.00	$0.00	$259.29	$0.00	$0.00	$0.00
R	1 [0]	RISER-2IN-UGUARD-3PC-P	Riser 2in U Guard 3-10ft section [$55.89]	$0.00	$0.00	$39.50	$0.00	$0.00	$0.00
R	2 [0]	TF-OH-25-23KV-120/240V-1P-P	Transformer OH 25kVA 22.86GY/13.2 kV 120/240V Single Phase Mild Steel [$55.89]	$0.00	$0.00	$482.82	$0.00	$0.00	$0.00
R	6 [0]	TIE-HAND-4-AL-P	Tie Hand 4 AL [$55.89]	$0.00	$0.00	$7.60	$0.00	$0.00	$0.00
R	3 [0]	TIE-SIDE-477-AL-FNECK-P	Tie Side 477 AL F Neck [$55.89]	$0.00	$0.00	$1.52	$0.00	$0.00	$0.00
R	9 [0]	TIE-TOP-477-AL-FNECK-P	Tie Top 477 AL F Neck [$55.89]	$0.00	$0.00	$4.56	$0.00	$0.00	$0.00
R	1 [0]	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex) [$0.00]	$0.00	$0.00	$12.21	$0.00	$0.00	$0.00
R	228 [0]	WIRE-PRI-1/0-ACSR-P	Wire Primary/Neutral 1/0 ACSR [$55.89]	$0.00	$0.00	$177.03	$0.00	$0.00	$0.00
R	443 [0]	WIRE-PRI-2-ACSR-P	Wire Primary/Neutral #2 ACSR [$55.89]	$0.00	$0.00	$344.23	$0.00	$0.00	$0.00
R	215 [0]	WIRE-PRI-4-CUHD-P	Wire Primary/Neutral #4 Hard Drawn CU [$55.89]	$0.00	$0.00	$167.20	$0.00	$0.00	$0.00
R	83 [0]	WIRE-SEC-2-AL-TX-P	Wire Secondary 2 AL Triplex [$55.89]	$0.00	$0.00	$50.07	$0.00	$0.00	$0.00
T	3	OLAB-TRF-WIRE-MD-DE-P	DEP Adder Conductor - OH Labor Transferring overhead wire > 2/0 - 556 dead end (per attachment)	$0.00	$0.00	$0.00	$303.99	$0.00	$0.00
T	9	OLAB-TRF-WIRE-MD-NDE-P	DEP Adder Conductor - OH Labor Transferring overhead wire > 2/0 - 556 non dead end (per attachment)	$0.00	$0.00	$0.00	$759.09	$0.00	$0.00

T	7	OLAB-TRF-WIRE-SM-DE-P	DEP Adder Conductor - OH Labor Transferring overhead wire up to 2/0 dead end (per attachment)	$0.00	$0.00	$0.00	$584.74	$0.00	$0.00
T	3	OLAB-TRF-WIRE-SM-NDE-P	DEP Adder Conductor - OH Labor Transferring overhead wire up to 2/0 non dead end (per attachment)	$0.00	$0.00	$0.00	$201.18	$0.00	$0.00
Totals:				$12,158.46	$16,965.60	$5,547.31	$1,849.00	$46,406.72	$0.00
Overhead Costs:								$18,516.28	
Total Materials:				$2,066.94	$6,769.27	$2,213.38	$737.75		
Total Labor:				$14,225.40					
Total Install Cost:					$23,734.87	$7,760.69	$2,586.75		
Total Removal Cost:				$102,883.27					
Total Transfer Cost:				$7,760.69					
Total Salvage Value:				$2,586.75					$0.00

Total Install Man Hours:	190.49
Total Remove Man Hours:	62.50
Total Transfer Man Hours:	20.68

Gross Up $16,418.45

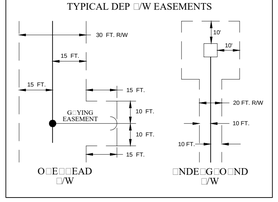
Total Project Cost: $129,649.16

Show Report Criteria

LEGEND

- INSTALL (RED)
- REMOVE (GREEN)
- EXISTING (BLUE)
- ABANDON (ORANGE)
- TEMPORARY (YELLOW)
- PERMANENT UTILITIES EASEMENT
- AERIAL UTILITIES EASEMENT

TYPICAL DEP □/W EASEMENTS



SAFETYFirst
▷ PERSONAL ACCOUNTABILITY
▷ ACTIVE CARING
▷ HAZARD RECOGNITION

USP: □PST□EAM □□SE□B□EAKE□
USP: □EEDE□□GEO□GETOWN TEXTILES 23K□ (T2660B02)
USP: S□BSTATION□AND□EWS 115K□
USP:
USP:

Safety Reminders / Adverse Conditions
?: □LAGGING □EQ□□ED
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WZS:

REMEMBER: Work zone area conditions may have changed for this job! Everyone is responsible for verifying the above safety information is correct prior to any work being performed each day.

T□AN□O□ME□ INSIDE □IG□ □A□LT □ONE

LAND AGENT & VEGETATION MANAGEMENT
PROJECT#: OPS CENTER:
RESP. CENTER - ENG: TREE CLEARING: ROW:
ACTIVITY - ENG: E TREE CLEARING: I ROW: E

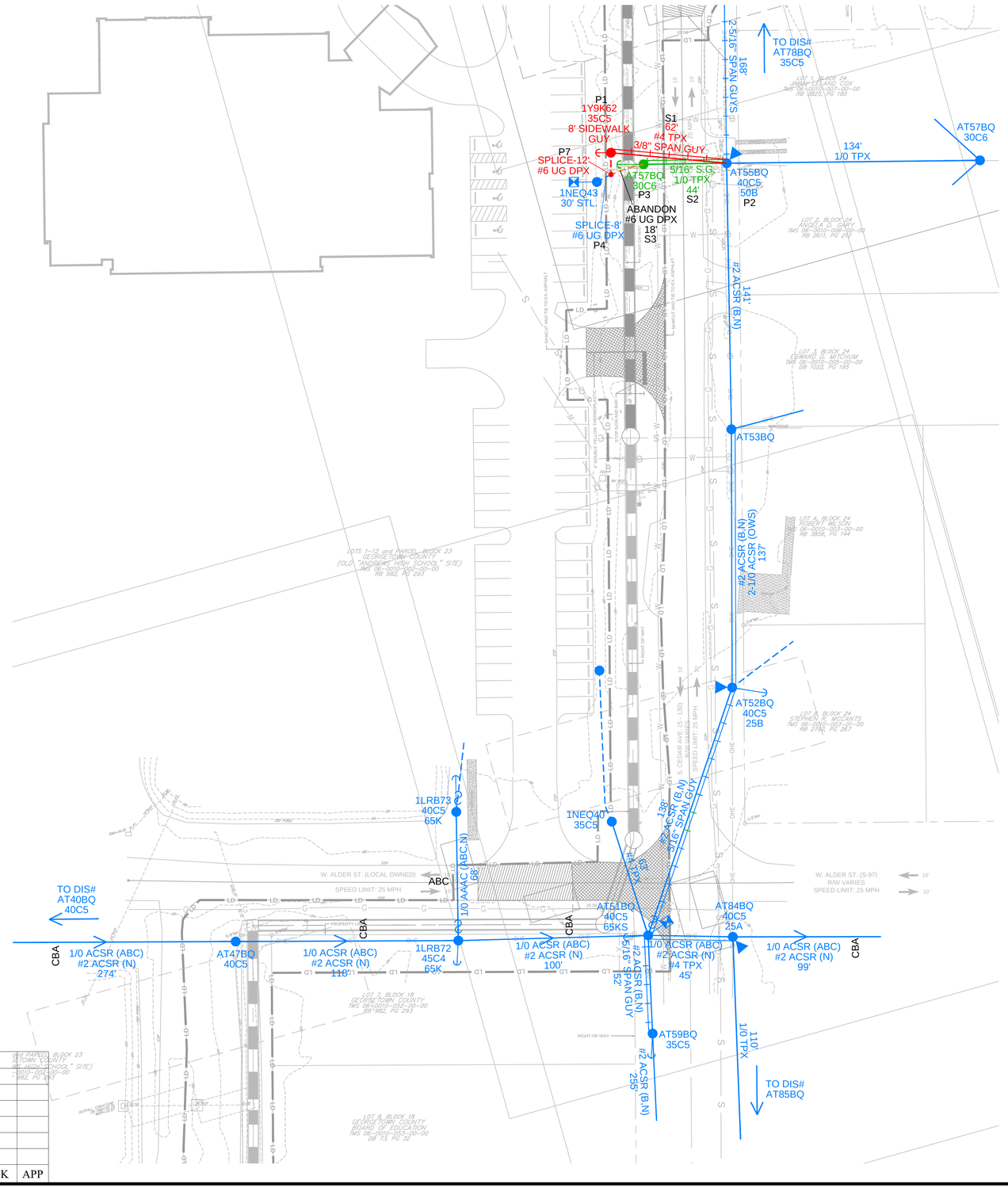
DUKE ENERGY. PROGRESS

□□d□□□#□P□P2639919	D□□□□d B□□D□□d M□□□□r□
W□r□Ord□r #□42539831	D□□□□C□□ □□□□d□ 10-04-21
Addr□□□	S□□□□1" □30□
T□□ □□A□dr□□	O□□□□P□□□□
Dr□□□□□I□ □r□□□ □□□□P□□□□2	
A□dr□□□SC 29510	C□□P□□□□843-833-2746
G□r□□□□□C□□□□	S□□□□10 □ 11

PIKE ENGINEERING

1838 □ABE□S□AM SQ□A□E
S□ITE B
□LO□ENCE□SC 29501
LICENS□□E# 4286

P□ELIMIMA□Y NOT □O□ CONST□□CTION



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P□ELIMINA□Y D□KE ENE□GY P□OG□ESS DESIGN BASED ON 25□ PLANS□T□IS P□ELIMINA□Y DESIGN IS S□B□ECT TO C□ANGE BASED ON □IG□T-O□-WAY ACQ□ISITION□SCOPE C□ANGES□□INAL PLAN C□ANGES□ COO□DINATION WIT□ OT□E□ □TILITIES□ETC□

□E□□Y P□ASING AT TIME O□CONST□□CTION P□ASING ON P□INT IS BASED ON □ECO□DS

ALL CONST□□CTION PE□ D□KE ENE□GY P□OG□ESS SPECI□ICATIONS□CODES AND MAN□ALS□

NO□	DATE	□E□ISION	BY	CK	APP
1	10-05-22	□□d□□d□□d dr□□□□□□□□□□□□10-05-22□	□AE		

LEGEND

- INSTALL (RED)
- REMOVE (GREEN)
- EXISTING (BLUE)
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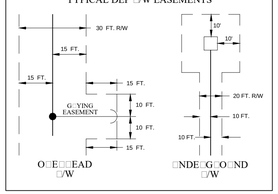
- TEMPORARY (YELLOW)
- PERMANENT UTILITIES EASEMENT
- AERIAL UTILITIES EASEMENT

TYPICAL DEP □/W EASEMENTS



SAFETYFirst
▷ PERSONAL ACCOUNTABILITY
▷ ACTIVE GUIDING
▷ HAZARD RECOGNITION

USP: □PST□EAM □□SE□B□EAKE□
USP: □EEDE□□GEO□GETOWN TEXTILES 23K□ (T2660B02)
USP: S□BSTATION□AND□EWS 115K□
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Safety Reminders / Adverse Conditions
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T□AN□O□ME□ INSIDE □IG□ □A□LT □ONE

LAND AGENT & VEGETATION MANAGEMENT
PROJECT#: OPS CENTER:
RESP. CENTER - ENG: TREE CLEARING: ROW:
ACTIVITY - ENG: E TREE CLEARING: I ROW: E

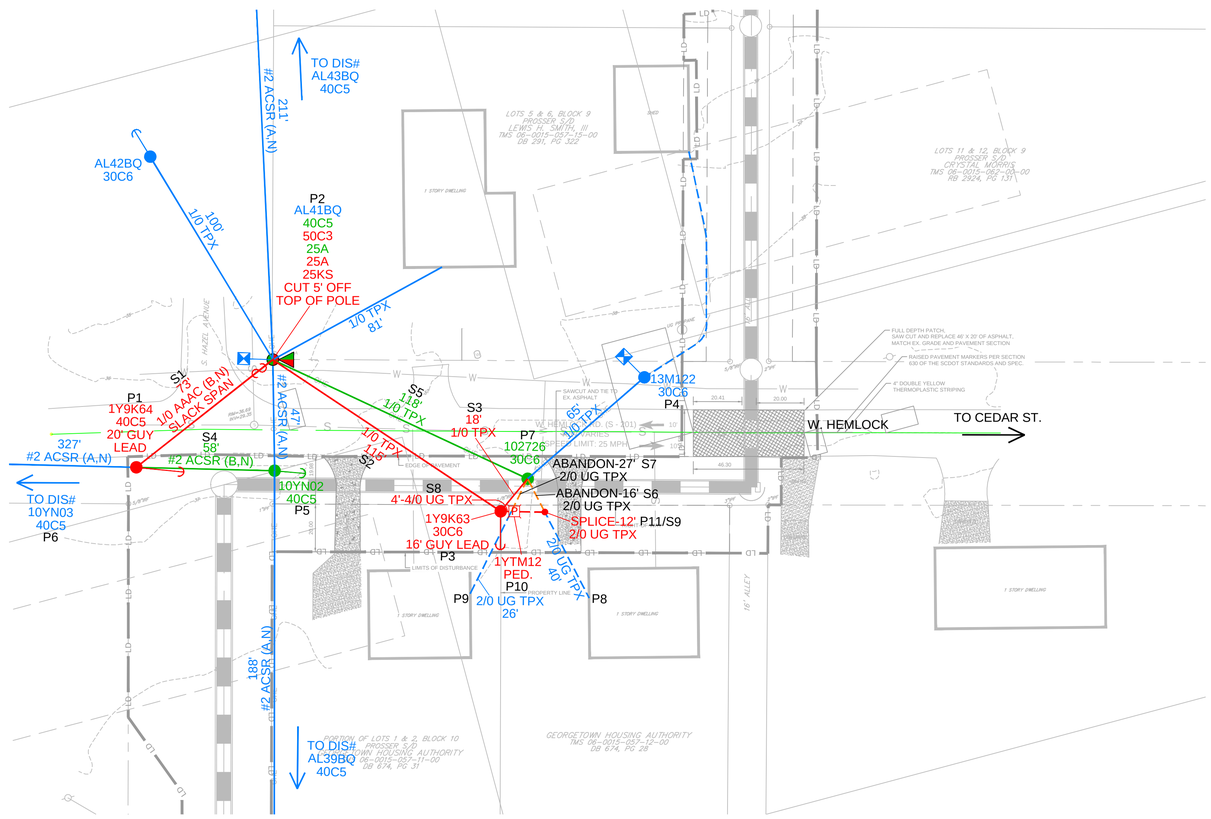
DUKE ENERGY. PROGRESS

□□d□□□#□P□P2639919	D□□□□d B□□D□□d M□□□ □□r□
W□r□Ord□r #□42545237	D□□□□C□□ □□□□d□ 10-04-21
Addr□□□	S□□□□1" □30□
T□□ □ □□A□dr□□ □	O□□□□P□□□□
Dr□□□□□I□ □r□□□ □□□P□□□2	C□□P□□□□843-833-2746
A□dr□□□SC 29510	S□□□□06
G□r□□□□□C□□□□	

PIKE ENGINEERING

1838 □ABE□S□AM SQ□A□E
S□ITE B
□LO□ENCE□SC 29501
LICENS□□E# 4286

P□ELIMIMA□Y NOT □O□ CONST□□CTION



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NO□	DATE	□E□ISION	BY	CK	APP
1	10-05-22	□□d□□□d□□d dr□□□□□□□□□□□□10-05-22□	□AE		

LEGEND

- INSTALL (RED)
- REMOVE (GREEN)
- EXISTING (BLUE)
- ABANDON (ORANGE)
- TEMPORARY (YELLOW)
- PERMANENT UTILITIES EASEMENT
- AERIAL UTILITIES EASEMENT

SAFETYFirst
▷ PERSONAL ACCOUNTABILITY
▷ ACTIVE CARING
▷ HAZARD RECOGNITION

USP: UPSTREAM FUSE: BREAKER
USP: FEEDER: GEORGETOWN TEXTILES 23KV (T2660B02)
USP: SUBSTATION: ANDREWS 115KV
USP:
USP:

Safety Reminders / Adverse Conditions
?: FLAGGING REQUIRED
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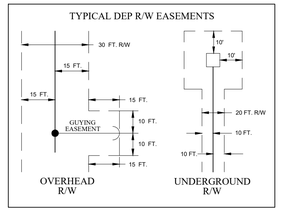
TYPICAL DEP R/W EASEMENTS



TRANFORMER INSIDE HIGH FAULT ZONE

LAND AGENT & VEGETATION MANAGEMENT
PROJECT#: OPS CENTER:
RESP. CENTER - ENG: TREE CLEARING: ROW:
ACTIVITY - ENG: E TREE CLEARING: I ROW: E

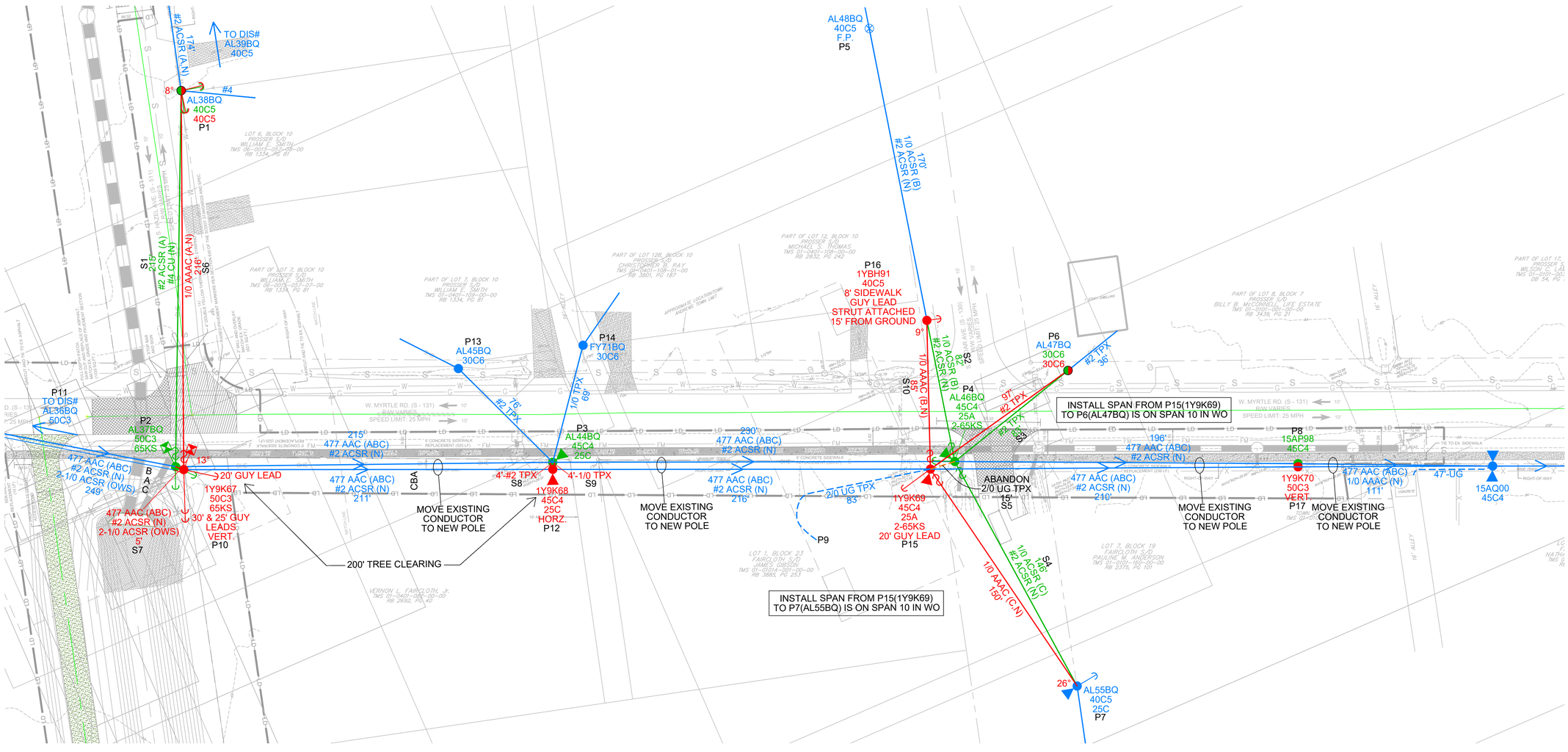
DUKE ENERGY. PROGRESS

PIKE ENGINEERING

Funding #: PFP2639919	Designed By: David Mclawhorn
Work Order #: 42558620	Design Completed: 10-04-21
Address: Town of Andrews Drainage Improvements Phase 2 Andrews, SC 29510 Georgetown County	Scale: 1" = 30'
	Office Phone:
	Cell Phone: 843-833-2746
	Sheet: 14 & 15

PIKE ENGINEERING
1838 HABERSHAM SQUARE
SUITE B
FLORENCE, SC 29501
LICENSURE# 4286

PRELIMIMARY NOT FOR CONSTRUCTION



NO.	DATE	REVISION	BY	CK	APP
1	10-05-22	Rcvd. updated drainage file on 10-05-22.	JAE		

PRELIMINARY DUKE ENERGY PROGRESS DESIGN BASED ON 25% PLANS. THIS PRELIMINARY DESIGN IS SUBJECT TO CHANGE BASED ON RIGHT-OF-WAY ACQUISITION, SCOPE CHANGES, FINAL PLAN CHANGES, COORDINATION WITH OTHER UTILITIES, ETC.

VERIFY PHASING AT TIME OF CONSTRUCTION PHASING ON PRINT IS BASED ON RECORDS

ALL CONSTRUCTION PER DUKE ENERGY PROGRESS SPECIFICATIONS, CODES AND MANUALS.

LEGEND

- INSTALL (RED)
- REMOVE (GREEN)
- EXISTING (BLUE)
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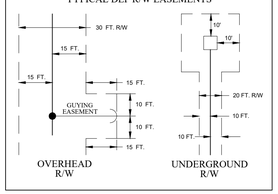
- TEMPORARY (YELLOW)
- PERMANENT UTILITIES EASEMENT
- AERIAL UTILITIES EASEMENT

TYPICAL DEP R/W EASEMENTS



SAFETYFirst
▷ PERSONAL ACCOUNTABILITY
▷ ACTIVE GAINING
▷ HAZARD RECOGNITION

USP: UPSTREAM FUSE: BREAKER
USP: FEEDER: GEORGETOWN TEXTILES 23KV (T2660B02)
USP: SUBSTATION: ANDREWS 115KV
USP:
USP:

Safety Reminders / Adverse Conditions
?: FLAGGING REQUIRED
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WZS:
WZS:
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WZS:
WZS:

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TRANFORMER INSIDE HIGH FAULT ZONE

LAND AGENT & VEGETATION MANAGEMENT
PROJECT#: OPS CENTER:
RESP. CENTER - ENG: TREE CLEARING: ROW:
ACTIVITY - ENG: E TREE CLEARING: I ROW: E

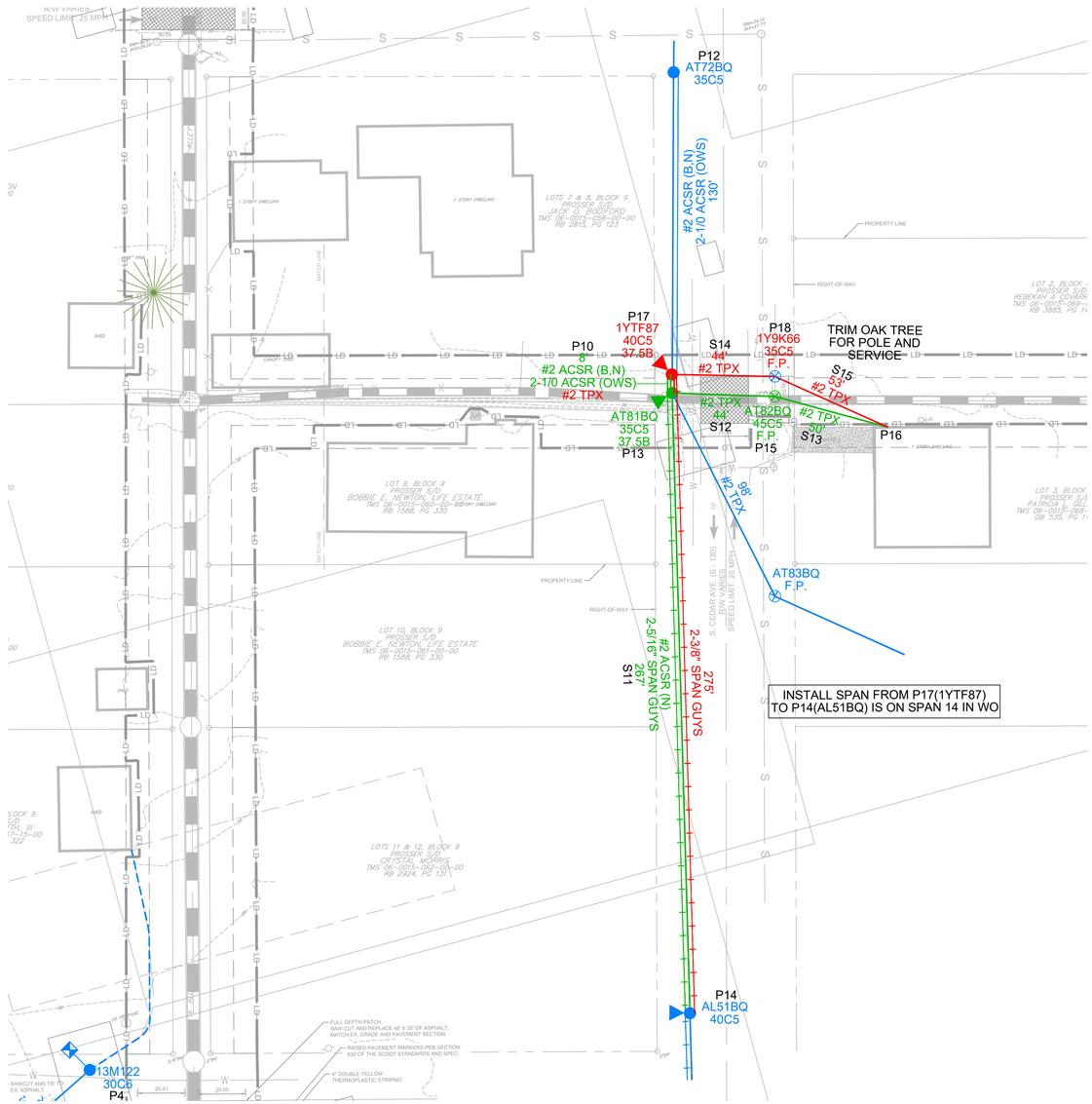
DUKE ENERGY. PROGRESS

PIKE ENGINEERING

Funding #: PFP2639919	Designed By: David Mclawhorn
Work Order #: 42545237	Design Completed: 10-04-21
Address: Town of Andrews Drainage Improvements Phase 2 Andrews, SC 29510 Georgetown County	Scale: 1" = 30' Office Phone: Cell Phone: 843-833-2746 Sheet: 16

PIKE ENGINEERING
1838 HABERSHAM SQUARE
SUITE B
FLORENCE, SC 29501
LICENSURE# 4286

PRELIMIMARY NOT FOR CONSTRUCTION



PRELIMINARY DUKE ENERGY PROGRESS DESIGN BASED ON 25% PLANS. THIS PRELIMINARY DESIGN IS SUBJECT TO CHANGE BASED ON RIGHT-OF-WAY ACQUISITION, SCOPE CHANGES, FINAL PLAN CHANGES, COORDINATION WITH OTHER UTILITIES, ETC.

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NO.	DATE	REVISION	BY	CK	APP
1	10-05-22	Revd. updated drainage file on 10-05-22.	JAE		

LEGEND

- INSTALL (RED)
- REMOVE (GREEN)
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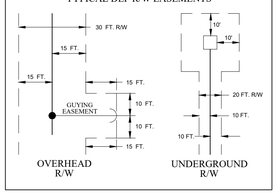
TYPICAL DEP R/W EASEMENTS



SAFETYFirst ▷ PERSONAL ACCOUNTABILITY ▷ ACTIVE CARING ▷ HAZARD RECOGNITION

USP: UPSTREAM FUSE: BREAKER
USP: FEEDER: GEORGETOWN TEXTILES 23KV (T2660B02)
USP: SUBSTATION: ANDREWS 115KV
USP:
USP:

Safety Reminders / Adverse Conditions
?: FLAGGING REQUIRED
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WZS:
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WZS:
WZS:

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TRANFORMER INSIDE HIGH FAULT ZONE

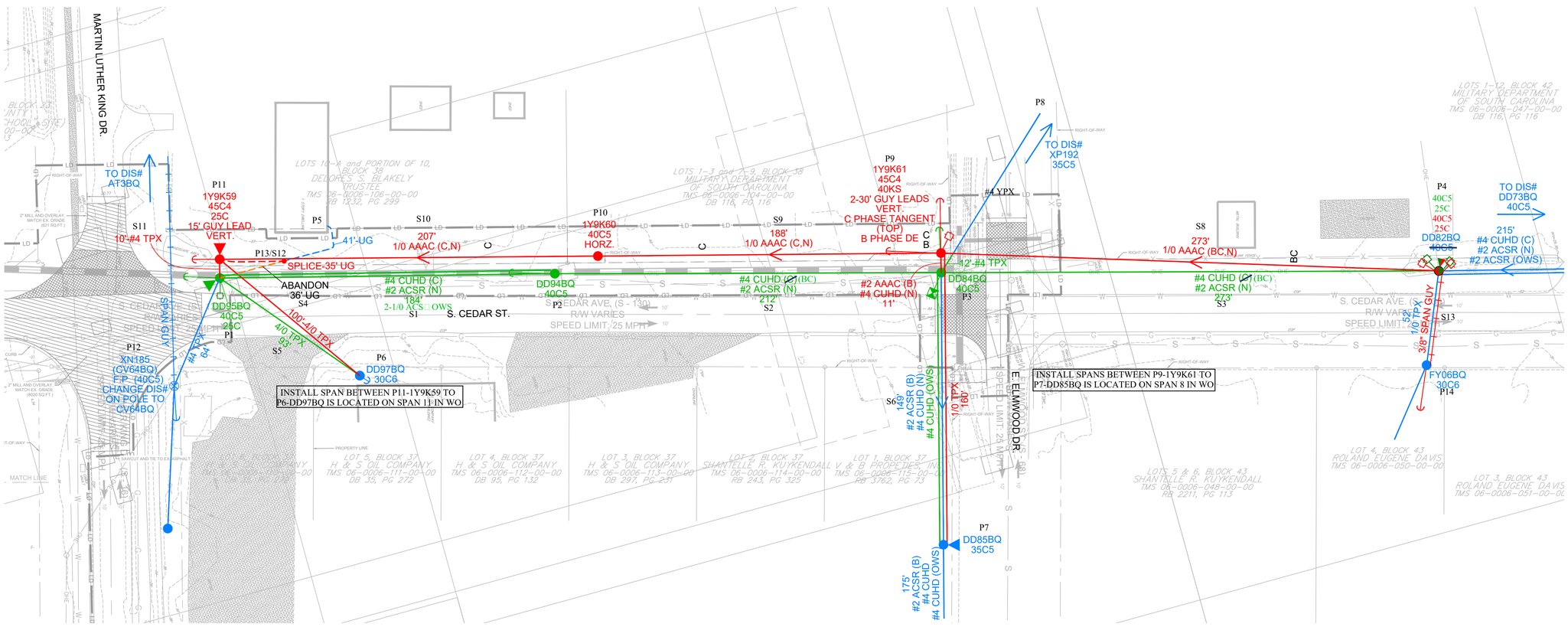
LAND AGENT & VEGETATION MANAGEMENT
PROJECT#: OPS CENTER:
RESP. CENTER - ENG: TREE CLEARING: ROW:
ACTIVITY - ENG: E TREE CLEARING: I ROW: E

DUKE ENERGY. PROGRESS | PIKE ENGINEERING

Funding #: PFP2639919	Designed By: ~~David Melawhorn~~
Work Order #: 42263919	Design Completed: 10-04-21
Address: Town of Andrews Drainage Improvements Phase 2 Andrews, SC 29510 Georgetown County	Scale: 1" = 30'
	Office Phase:
	Cell Phone: 843-833-2746
	Sheet: 12 & 13

PIKE ENGINEERING
1838 HABERSHAM SQUARE
SUITE B
FLORENCE, SC 29501
LICENSURE# 4286

PRELIMIMARY NOT FOR CONSTRUCTION



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