

Utility Relocation Agreement
Town of Apex
Jessie Drive Widening
Duke Energy Progress Project Number: PFP966108
County: Wake State: NC

This Utility Relocation Agreement (“Agreement”) made this _____ day of _____, 20___, by and between Town of Apex, hereinafter referred to as TOA and Duke Energy Progress,LLC. hereinafter referred to as the COMPANY. The TOA and Company acknowledge that this Agreement and any Agreement amendment documents requiring signatures may be transmitted electronically. TOA 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.

WITNESSETH:

THAT WHEREAS, TOA, will submit a project for construction as follows: Relocate COMPANY facilities out of the way of the Town of Apex Jessie Drive Extension & Widening 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, TOA 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 TOA 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 betterments, all in sufficient detail to provide TOA 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 TOA's new right of way or easements 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 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 this 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 TOA'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.

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 TOA 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 TOA construction and arrangements for said work will be coordinated with TOA construction operations at pre-construction conference.

Work will begin promptly upon notification by TOA; however, it is not expected to be complete prior to road construction, any remaining work will be coordinated with TOA 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. 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 TOA.

c. _____ On a lump -sum basis where the estimated cost to the TOA 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 _____ \$ 575,967.10

The estimated non-betterment cost to TOA, including all cost less any credits for salvage, betterment and additional work done by the COMPANY will be _____ \$ 575,967.10

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 written modification of this Agreement or by a written change order or extra work order approved by TOA (collectively, a “Change Order”); provided, however TOA shall not unreasonably refuse its consent to such Change Order.

11. Periodic progress billings of incurred costs will be made by the COMPANY to TOA 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 TOA 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 TOA 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 TOA 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 TOA 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 TOA.
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 TOA evidencing that relinquishment.
18. That COMPANY shall comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes (E-Verify) and shall require all of their subcontractors to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes (E-Verify).

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

Town of Apex

By: _____

Name: _____

Title: _____

DUKE ENERGY PROGRESS, LLC.

By: Josiah Shackleton

Josiah Shackleton
HIGHWAY RELOCATION PROGRAM MANAGER

State of North Carolina, County of Wake

KNOW ALL MEN BY THESE PRESENTS, That Cora Toomer (widow) Herman Hunter & wife, Ethel Hunter, grantor(s),

of said County and State, in consideration of the sum of \$ 100, 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 106 acres, bounded by lands of

Clery Hunter - Jessie Hunter & others

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 their hand(s) and seal(s), this 2 day of Feb., 1951.

WITNESS: _____

Cora Toomer [SEAL]
Herman Hunter [SEAL]
Ethel Hunter [SEAL]

_____ [SEAL]

STATE OF NORTH CAROLINA, _____ COUNTY.

The due execution of the foregoing instrument by _____, the grantor therein named, for the purposes therein expressed, was this day duly proven before me by the oath and examination of _____, the subscribing witness thereto.

Witness my hand and notarial seal, this _____ day of _____, 19_____.

My commission expires _____, Notary Public.

STATE OF NORTH CAROLINA, Wake COUNTY.

I, Ira F. Johnson, a Notary Public within and for Ashe County,

North Carolina, do hereby certify that Cora Toomer (widow) Herman Hunter & wife, Ethel Hunter personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and notarial seal, this 2 day of Feb., A.D. 1951.

My commission expires July 8, 1952 Ira F. Johnson Notary Public.

STATE OF NORTH CAROLINA, Wake COUNTY.

The foregoing certificate of Ira F. Johnson, A.N.P., of Ashe County, nc. is adjudged to be correct. Let the instrument, with the certificates, be registered.

Done this 21 day of May, 1951. Dora Stokes Dep. Clerk Superior Court.

Filed for registration on the 21 day of May, 1951, at 8:30 o'clock a M., and registered.

Book 1074
Page 159
June 6, 1951
Hunter Ellington Register of Deeds.
Per Margaret Long Clerk

State of North Carolina, County of Wake

KNOW ALL MEN BY THESE PRESENTS, That C. C. Jones & wife, Mrs. Lela E. Jones, grantor(s).

of said County and State, in consideration of the sum of \$ 100, 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 94 acres, bounded by lands of Jesse Hunter - W. C. Matthews Estate & others

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 their hand(s) and seal(s), this 9 day of March, 1951.

WITNESS: C. C. Jones [SEAL]
Mrs. Lela E. Jones [SEAL]
[SEAL]
[SEAL]
[SEAL]

STATE OF NORTH CAROLINA, _____ COUNTY.
The due execution of the foregoing instrument by _____, the grantor therein named, for the purposes therein expressed, was this day duly proven before me by the oath and examination of _____, the subscribing witness thereto.
Witness my hand and notarial seal, this _____ day of _____, 19____.
My commission expires _____, Notary Public.

STATE OF NORTH CAROLINA, Wake COUNTY.
I, Ira F. Johnson, a Notary Public within and for Ansion County, North Carolina, do hereby certify that C. C. Jones & wife, Mrs. Lela E. Jones personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and notarial seal, this 9 day of March, A.D. 1951.
My commission expires July 8, 1952 Ira F. Johnson Notary Public.

STATE OF NORTH CAROLINA, Wake COUNTY.
The foregoing certificate of Ira F. Johnson, a N.P. of Ansion County, is adjudged to be correct. Let the instrument, with the certificates, be registered.
Done this 21 day of May, 1951 Dora Stokes Dep. Clerk Superior Court.

Filed for registration on the 21 day of May, 1951, at 8:30 o'clock a M., and registered.
Book 1074
Page 170
June 6, 1951
Jesse Hunter Ellington Register of Deeds.
Per Margaret Long Deputy.

CP 32L

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STATE OF NORTH CAROLINA

COUNTY OF Wake

DRAWN BY OR UNDER THE DIRECTION OF: ANTHONY M. CARROLL ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That Five Star Development Corporation

a corporation, hereinafter called "Grantor", in consideration of the sum of \$ 1.00, in hand paid by CAROLINA POWER & LIGHT COMPANY, the receipt whereof is hereby acknowledged, hereby grants unto said CAROLINA POWER & LIGHT COMPANY, hereinafter called "Company", its successors and assigns, the right, privilege and easement to go in and upon that certain tract or lot of land situated in White Oak Township in said County and State, containing 21.34 acres, more or less, bounded by land of being the land described in a deed from John V. Dierickx & wife, Jackie P. Dierickx to Five Star Development Corporation dated September 16, 1985, and recorded in Deed Book 3559, Page 266, Wake County Registry.

and to construct, maintain and operate in, upon, and through said premises, in a manner suitable to it, with poles, wires, cables, underground conduits, and other necessary apparatus and appliances, a line, or lines 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 lines 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 lines all trees and other obstructions that may, in any way, endanger the proper maintenance and operation of the same.

Notwithstanding anything to the contrary above, it is understood and agreed that: (1) the right-of-way herein granted is for a system of electric lines to provide electric service at any point where needed on the above-described land, portions of which system may be installed immediately, and other portions to be installed in the future as the need for electric service develops; and (2) said electric lines shall be installed at locations mutually suitable to the parties hereto.

PRESENTED FOR REGISTRATION MAY 19 16 AM '85 KENNETH C. WILKINS REGISTER OF DEEDS WAKE COUNTY, NC

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

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name by its duly authorized officers and its corporate seal to be hereunto affixed, this 20TH day of MAY, 1986.



Five Star Development Corporation
By: Douglas W. Ward
Vice President

STATE OF NORTH CAROLINA
COUNTY OF WAKE

I, Karen D. Ward, a Notary Public of Wake County, North Carolina, do hereby certify that Douglas W. Ward, Karen D. Ward, Secretary of Five Star Development Corporation, a corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its Secretary, sealed with its corporate seal, and attested by himself (herself) as its Secretary.

Witness my hand and notarial seal, this 20TH day of MAY, 1986.
Karen D. Ward
Notary Public
My Commission Expires 3-18-89

NORTH CAROLINA - WAKE COUNTY
The foregoing certificate of Karen D. Ward

Notary Public is (are) certified to be correct. This instrument and this certificate are duly registered at the date and time and in the book and page shown on the first page hereof

KENNETH C. WILKINS, Register of Deeds

By: P. Anne Redd
Deputy Register of Deeds

STATE OF NORTH CAROLINA
COUNTY OF Wake

DRAWN BY OR UNDER THE
DIRECTION OF:
ANDREW M. DANIEL
ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the undersigned Ruth Hunter
Wife

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, privilege, and easement to go in and upon that certain tract or lot of

land situated in White Oak Township in said County and State, containing _____
acres, more or less, bounded by lands of NCSR # 1264 ON THE SOUTH, DORNE
RAVE ON THE EAST, AND JANE MATTHEWS ON THE
WEST

and to construct, maintain and operate in, upon, and through said premises, in a manner suitable to it, with poles, wires and other necessary apparatus and appliances, a line, or lines 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 lines 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 lines all trees and other obstructions that may, in any way, endanger the proper maintenance and operation of the same.

PRESENTED
FOR
REGISTRATION
JUN 19 10 00 AM '26
KENNETH C. WILKINS
REGISTER OF DEEDS
WAKE COUNTY, N.C.

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

IN WITNESS WHEREOF, the undersigned do her hereunto set her hand (s) and seal (s), this 9th day of May, 1926.

Witnesses: _____ (Seal)
_____ (Seal)
_____ (Seal)
_____ (Seal)
_____ (Seal)

STATE OF NORTH CAROLINA, _____ County.
I, _____, a Notary Public of _____ County,
North Carolina, certify that _____ personally appeared before
me this day and, being duly sworn, stated that, in his (her) presence,

signed the foregoing instrument.
Witness my hand and official seal, this the _____ day of _____, 19____.

Notary Public.

My commission expires the _____ day of _____, 19____.
STATE OF NORTH CAROLINA, Wake County.
I, Thomas E. Kee, Jr., a Notary Public of Wake County, North
Carolina, do hereby certify that Ruth Hunter

personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and notarial seal, this 2th day of May, 1926.
Thomas E. Kee, Jr.
Notary Public.
My commission expires the 12th day of October, 1927.

NORTH CAROLINA - WAKE COUNTY
The foregoing certificate of Thomas E. Kee, Jr.

Notary (ies) Public is
(are) certified to be correct. This instrument and this certificate are duly registered at the date and time
and in the book and page shown on the first page hereof

KENNETH C. WILKINS Register of Deeds

By Thomas E. Kee, Jr.
Asst. / Deputy Register of Deeds

STATE OF NORTH CAROLINA

COUNTY OF Wake

DRAWN BY OR UNDER THE DIRECTION OF ANDREW M. DANIEL ATTORNEY

And

KNOW ALL MEN BY THESE PRESENTS, That the undersigned Mary W. Baker and husband, Duane Baker

of said County and State, in consideration of the sum of \$ 1.25, 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, privilege, and easement to go in and upon that certain tract or lot of

land situated in White Oak Township in said County and State, containing 1.2 acres, more or less, bounded by lands of N.S.P. = 1294 20' the south Queen Hunter on the west, and East Chappell on the east

and to construct, maintain and operate in, upon, and through said premises, in a manner suitable to it, with poles, wires and other necessary apparatus and appliances, a line, or lines 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 lines 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 lines all trees and other obstructions that may, in any way, endanger the proper maintenance and operation of the same.

PRESENTED FOR REGISTRATION JUN 19 10 00 A.M. 1926 KENNETH C. WILKINS REGISTER OF DEEDS WAKE COUNTY N.C.

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

IN WITNESS WHEREOF, the undersigned do hereunto set their hand (s) and seal (s), this 12 day of May, 1926.

Witnesses: Mary W. Baker (Seal) Duane Baker (Seal)

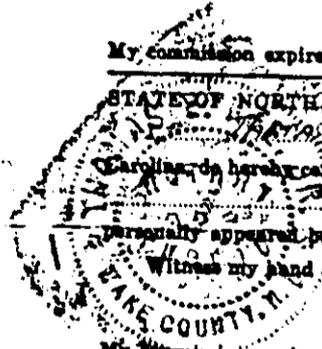
STATE OF NORTH CAROLINA, _____ County.

I, _____, a Notary Public of _____ County, North Carolina, certify that _____ personally appeared before me this day and, being duly sworn, stated that, in his (her) presence,

signed the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 19 _____

My commission expires the _____ day of _____, 19 _____ Notary Public.



STATE OF NORTH CAROLINA, Wake County.

I, Thomas E. Kee, Jr., a Notary Public of Wake County, North Carolina, hereby certify that

Mary W. Baker and Duane Baker personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and notarial seal, this 12 day of May, 1926.

My commission expires the 17 day of October, 1927. Notary Public.

NORTH CAROLINA - WAKE COUNTY The foregoing certificate Thomas E. Kee, Jr.

(are) certified to be correct. This instrument and this certificate are duly registered at the date and time and in the book and page shown on the first page hereof

KENNETH C. WILKINS Register of Deeds

By Thomas E. Kee, Jr. Deputy Register of Deeds

STATE OF NORTH CAROLINA

COUNTY OF Wake

DRAWN BY OR UNDER THE DIRECTION OF: ANDREW MICHAEL ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the undersigned Elizabeth A. Glemski and husband, Thomas F. Glemski

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, privilege, and easement to go in and upon that certain tract or lot of

land situated in White Oak Township in said County and State, containing 17 acres, more or less, bounded by lands of MCSR # 134 on the north, Pacific Woods Subdivision on the east, and Bill Britt on the west

and to construct, maintain and operate in, upon, and through said premises, in a manner suitable to it, with poles, wires and other necessary apparatus and appliances, a line, or lines 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 lines 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 lines all trees and other obstructions that may, in any way, endanger the proper maintenance and operation of the same.

PRESENTED FOR REGISTRATION JUN 19 10 00 AM 1986 KENNETH O. WILKINS REGISTER OF DEEDS WAKE COUNTY, NC

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

IN WITNESS WHEREOF, the undersigned do hereunto set their hand (s) and seal (s), this 3rd day of June, 1985

Witnesses: Elizabeth A. Glemski (Seal) Thomas F. Glemski (Seal)

STATE OF NORTH CAROLINA, County.

I, a Notary Public of County, North Carolina, certify that personally appeared before me this day and, being duly sworn, stated that, in his (her) presence,

signed the foregoing instrument.

Witness my hand and official seal, this the day of Notary Public, My commission expires the day of 19

STATE OF NORTH CAROLINA, Wake County, North Carolina, do hereby certify that

Elizabeth A. Glemski and Thomas F. Glemski personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and notarial seal, this 3rd day of June, 1985. My commission expires the 12th day of October, 1987. Notary Public.

NORTH CAROLINA - WAKE COUNTY

The foregoing certificate of Thomas E. Ke, Jr. Notary Public is

certified to be correct. This instrument and this certificate are duly registered at the date and time and in the book and page shown on the first page hereof.

KENNETH WILKINS Register of Deeds

By Robert L. Jones Asst. Deputy Register of Deeds

NORTH CAROLINA WAKE COUNTY

BK 7213PG0048 PRESENTED FOR REGISTRATION

Know all Persons by this RIGHT OF WAY GRANT, that the undersigned AND WIFE, 1000016 W. VERGHESE - 1, MARGRITH W. VERGHESE AND WIFE, CHARLOTTE ANN ELLEMAN

of said County and State, in consideration of the sum of \$ 100 REGISTER OF DEEDS WAKE COUNTY in hand paid by Carolina Power & Light Company, the receipt whereof is hereby acknowledged, hereby grant(s) CAROLINA POWER & LIGHT COMPANY, its successors and assigns, the right, privilege and easement to go in and upon that certain land situated in WHITE OAK Township in said County and State, described as follows: AND BEING THE

LAND DESCRIBED IN A DEED FROM J. DENNEY POWELL ET AL TO KURUVILLA VERGHESE, DATED MARCH 11, 1975 AND RECORDED IN BOOK 2308, PAGE 77, WAKE COUNTY REGISTRY

and to construct, maintain, and operate thereon an overhead (underground) line consisting of poles, wires, cables, underground conduits, underground and ground mounted electrical enclosures and other pertinent facilities within a strip or area of land thirty (30) feet wide for overhead facilities and ten (10) feet wide for underground facilities along with a perimeter for ten (10) feet around the foundation of any enclosure 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 enter said strip at all times over the adjacent land to inspect, repair, maintain and after said line; (b) to keep said strip cleared of trees, shrubs, undergrowth, buildings or other structures; (c) to trim limbs from, and cut down any tree outside of said strip which may, in the opinion of Carolina Power & Light Company, endanger the overhead electric line or hinder the maintenance, operation, and use of the same; (d) to install at any place necessary on the overhead electric line, guy wires, anchors, and guards outside of said strip for the support of the line; and (e) to permit the attachment of wires, cables, and conduits of any other company or person.

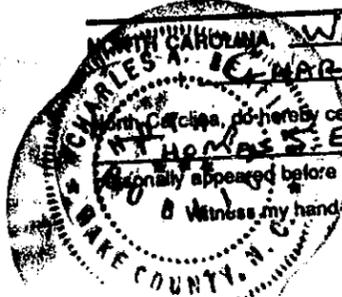
The center line of the poles or structures which support said overhead line shall be the center line of said strip. The center line of the underground line shall be the center line of said strip.

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

IN WITNESS WHEREOF this instrument has been duly executed under seal by the undersigned this 25th day of September, 1996.

Witness

Kuruvilla Vergheese (Seal) Margrith W. Vergheese (Seal) Thomas S. Elleman (Seal) Charlotte Ann Elleman (Seal)



WAKE COUNTY, a Notary Public of WAKE County.

CHARLES A. BENFIELD, a Notary Public of WAKE County, do hereby certify that KURUVILLA VERGHESE, MARGRITH W. VERGHESE, THOMAS S. ELLEMAN, AND CHARLOTTE ANN ELLEMAN personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and notarial seal, this 25th day of SEPTEMBER, 1996.

Charles A. Benfield Notary Public

My commission expires the 25th day of SEPTEMBER, 2000.

NORTH CAROLINA, COUNTY, a Notary Public of County.

North Carolina, certify that personally appeared before me this day and, being duly sworn, stated that, in his (her) presence,

signed the foregoing instrument.

Witness my hand and notarial seal, this day of 19.

Notary Public

My commission expires the day of 19.

NORTH CAROLINA, WAKE COUNTY

The foregoing certificate(s) of Charles A. Benfield

a Notary (y) (ies) Public, is (are) certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown hereon.

By: KENNETH C. WILKINS, REGISTER OF DEEDS for WAKE County. Deputy/Assistant Register of Deeds.

RETURN TO: M. MASON, CP&L, OHS-12A3, 412 S. WILMINGTON ST., RALEIGH, NC 27601

NORTH CAROLINA

BK 7213PG0049

WAKE COUNTY

PRESENTED

Know all Persons by this RIGHT OF WAY GRANT, that the undersigned FOR ERVIN L. HUNTER S.W.C.E.; MELVIN HUNTER UNMARRIED; MARY H. HARRIS AND HUSBAND, LEO HARRIS; 000047 HARRIS AND HUSBAND, NATHANIEL HARRIS NOV - 4. AM 10:31

of said County and State, in consideration of the sum of \$ 100 KENNETH C. WILKINS in, hand paid by Carolina Power & Light Company, the receipt whereof is hereby acknowledged, hereby grant(s) REGISTER OF DEEDS and assigns, the right, privilege and easement to go in and upon that certain WAKE COUNTY

WHITE OAK Township in said County and State, described as follows: AND BEING THE LAND DESCRIBED IN A DEED FROM HERMAN E. HUNTER TO MARY H. HARRIS ET AL, DATED MARCH 4, 1985, AND RECORDED IN BOOK 3441, PAGE 603, WAKE COUNTY REGISTRY

and to construct, maintain, and operate thereon an overhead (underground) line consisting of poles, wires, cables, underground conduits, underground and ground mounted electrical enclosures and other pertinent facilities within a strip or area of land thirty (30) feet wide for overhead facilities and ten (10) feet wide for underground facilities along with a perimeter for ten (10) feet around the foundation of any enclosure 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 enter said strip at all times over the adjacent land to inspect, repair, maintain and alter said line; (b) to keep said strip cleared of trees, shrubs, undergrowth, buildings or other structures; (c) to trim limbs from, and cut down any tree outside of said strip which may, in the opinion of Carolina Power & Light Company, endanger the overhead electric line or hinder the maintenance, operation, and use of the same; (d) to install at any place necessary on the overhead electric line, guy wires, anchors, and guards outside of said strip for the support of the line; and (e) to permit the attachment of wires, cables, and conduits of any other company or person.

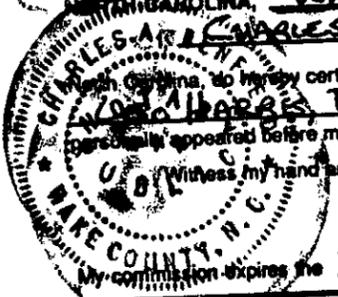
The center line of the poles or structures which support said overhead line shall be the center line of said strip. The center line of the underground line shall be the center line of said strip.

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

IN WITNESS WHEREOF this instrument has been duly executed under seal by the undersigned this 3RD day of SEPTEMBER, 1996.

(Seal) Ervin L. Hunter (Seal) Melvin Hunter (Seal) Mary H. Harris (Seal) Leo Harris (Seal) Beth Harris (Seal) Nathaniel Harris

NORTH CAROLINA, WAKE COUNTY, CHARLES A. BENFIELD, a Notary Public of WAKE County, do hereby certify that ERVIN L. HUNTER, MELVIN HUNTER, MARY H. HARRIS, LEO HARRIS, BETTY HARRIS, and NATHANIEL HARRIS personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and notarial seal, this 3RD day of SEPTEMBER, 1996. Charles A. Benfield, Notary Public. My commission expires the 25TH day of SEPTEMBER, 2000.



NORTH CAROLINA, _____ COUNTY, _____, a Notary Public of _____ County, North Carolina, certify that _____ personally appeared before me this day and, being duly sworn, stated that, in his (her) presence, _____ signed the foregoing instrument. Witness my hand and notarial seal, this _____ day of _____, 19____. _____ Notary Public

My commission expires the _____ day of _____, 19____. NORTH CAROLINA, Wake COUNTY. The foregoing certificate(s) of Charles A. Benfield a Notary Public, is(are) certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown hereon.

By: KENNETH C. WILKINS, REGISTER OF DEEDS for Wake County. Deputy/Assistant Register of Deeds. REGINALD SIMMONS

EASEMENT

NORTH CAROLINA
WAKE COUNTYPrepared By: Mary Beth McRaney
Return To: Duke Energy Progress, LLC
Attn: Mary Beth McRaney
1020 W. Chatham Street
Cary, NC 27511

THIS EASEMENT ("Easement") is made this 10TH day of OCTOBER, 2018
("Effective Date"), from SCOTT ALLEN ROSE, legally seperated, ("GRANTOR," whether one or more), to Duke Energy
Progress, LLC, a North Carolina limited liability company ("DEP"); its successors, licensees, and assigns.

WITNESSETH:

THAT GRANTOR, for and in consideration of the sum of ONE DOLLAR (\$1.00), the receipt and sufficiency of which are hereby acknowledged, does hereby grant unto DEP, its successors, licensees, and assigns, the perpetual right, privilege, and easement to go in and upon the land of GRANTOR situated in White Oak Township, described as follows: PIN 0751732652, containing 3.42 acres, more or less, and being the land described in a deed from Jack Pascal Truelove and Carolyn Alexander Truelove, husband and wife, to Scott Allen Rose, legally separated, dated August 23, 2017, and recorded in Deed Book 16886, Page 811, Wake County Registry (the "Property"), LESS AND EXCEPT any prior out-conveyances, and to construct, reconstruct, operate, patrol, maintain, inspect, repair, replace, relocate, add to, modify and remove electric and/or communication facilities thereon including but not limited to, supporting structures such as poles, cables, wires, guy wires, anchors, underground conduits, enclosures/transformers, vaults and manholes, and other appurtenant apparatus and equipment (the "Facilities") within an easement area being thirty (30) feet wide for the overhead portion of said facilities and twenty (20) feet wide for the underground portion of said facilities together with an area ten (10) feet wide on all sides of the foundation of any DEP enclosure/transformer, vault or manhole (the "Easement Area"), for the purpose of transmitting and distributing electrical energy and for communication purposes of DEP and Incumbent Local Exchange Carriers. The centerline of the Facilities shall be the center line of the Easement Area.

The right, privilege and easement shall include the following rights granted to DEP: (a) ingress and egress over the Easement Area and over adjoining portions of the Property (using lanes, driveways and paved areas where practical as determined by DEP); (b) to relocate the Facilities and Easement Area on the Property to conform to any future highway or street relocation, widening or improvement; (c) to trim and keep clear from the Easement Area, now or at any time in the future, trees, limbs, undergrowth, structures or other obstructions, and to trim or clear dead, diseased, weak or leaning trees or limbs outside of the Easement Area which, in the opinion of DEP, might interfere with or fall upon the Facilities; (d) to install guy wires and anchors extending beyond the limits of the Easement Area; and (e) all other rights and privileges reasonably necessary or convenient for DEP's safe, reliable and efficient installation, operation, and maintenance of the Facilities and for the enjoyment and use of the Easement Area for the purposes described herein.

submitted electronically by "Duke Energy"
in compliance with North Carolina statutes governing recordable documents
and the terms of the submitter agreement with the Wake County Register of Deeds.

Notwithstanding anything to the contrary above, it is understood and agreed that: (1) the EASEMENT herein granted is for facilities to be installed at any point where needed on the above-referenced land of GRANTOR and/or where needed to serve adjoining lands, portions of which facilities may be installed immediately, and other portions installed in the future as the need develops; and (2) said facilities shall be installed at locations mutually agreeable to the parties hereto.

TO HAVE AND TO HOLD said rights, privilege, and easement unto DEP, its successors, licensees, and assigns, forever, and GRANTOR, for itself, its heirs, executors, administrators, successors, and assigns, covenants to and with DEP that GRANTOR is the lawful owner of the Property and the Easement Area in fee and has the right to convey said rights and Easement.

IN WITNESS WHEREOF, this EASEMENT has been executed by GRANTOR and is effective as of the Effective Date herein.

Scott Allen Rose (SEAL)
 SCOTT ALLEN ROSE

Cynthia D Rose Notary Public Wake County, NC My Comm. Exp. <u>10/21/2018</u>

NORTH CAROLINA, Wake COUNTY

I, Cynthia D Rose, a Notary Public of Wake County, North Carolina, certify that SCOTT ALLEN ROSE personally appeared before me this day and acknowledged the due execution of the foregoing EASEMENT.

Witness my hand and notarial seal, this 10 day of October, 2018.

Cynthia D Rose Notary Public Wake County, NC My Comm. Exp. <u>10/21/2018</u>

Cynthia D Rose
 Notary Public
 My commission expires: 10/21/2018

CU Estimate
Project Estimation By Compatible Unit

Workorder: 37978692
Work Order Desc: Apex - Jessie Dr. Ext. & Widening (Sht 5 & 6) (Estimate)
Estimate: 12046232
Designer: Butler, Robert M

IR/T	QTY	CU	CU DESCRIPTION	MATERIAL COST	LABOR INSTALL	LABOR REMOVE	LABOR TRANSFER	SERVICE COST	SALVAGE VALUE
I	16	ANCH-PISA-MD-P	Anchor Power Installed Screw Anchor 8in 10000FT-LB Max Install Torque with 3/4in diameter x 7ft long rod	\$1,091.84	\$2,300.00	\$0.00	\$0.00	\$0.00	\$0.00
I	7	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass	\$313.32	\$359.94	\$0.00	\$0.00	\$0.00	\$0.00
I	10	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel	\$324.80	\$503.70	\$0.00	\$0.00	\$0.00	\$0.00
I	4	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter	\$261.96	\$6.64	\$0.00	\$0.00	\$0.00	\$0.00
I	39	CABLE-LGT-6-AL-TX-P	Cable Lighting 6 Aluminum Triplex	\$32.05	\$1.40	\$0.00	\$0.00	\$0.00	\$0.00
I	50	CABLE-SEC-410-AL-TX-P	(UOP) 600V Secondary Cable: 410 Aluminum Triplex with XLPE Insulation. (2) 410 cables and (1) 110 cable	\$111.87	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	32	CABLE-SVC-210-AL-TX-P	(UOP) 600V Service Cable: 210 Aluminum Triplex with XLPE Insulation. (2) 210 cables and (1) #2 cable	\$51.45	\$2.82	\$0.00	\$0.00	\$0.00	\$0.00
I	12	CABLE-SVC-410-AL-TX-P	(UOP) 600V Service Cable: 410 Aluminum Triplex with XLPE Insulation. (2) 410 Cables and (1) 110 Cable	\$26.85	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	10	CABLE-TAIL-EQ-6-TX-600V-P	(UOP) UG Equipment Tail for #6 Aluminum triplex with XLPE Insulation. (3) #6 Cables	\$6.22	\$12.48	\$0.00	\$0.00	\$0.00	\$0.00
I	60	CABLE-TAIL-RISER-210-TX-600V-P	(UOP) Secondary Riser Tail 600V 210 Aluminum Triplex with XLPE Insulation. (2) 210 Cables and (1) #2 Cable	\$96.46	\$2.82	\$0.00	\$0.00	\$0.00	\$0.00
I	60	CABLE-TAIL-RISER-410-TX-600V-P	(UOP) Secondary Riser Tail for 600V 410 triplex with XLPE Insulation. (2) 410 Cables and (1) 110 Cable	\$134.26	\$2.82	\$0.00	\$0.00	\$0.00	\$0.00
I	43506.67	CADD-ENGINEERING-P	DEP Cost Adder engineering fees (per dollar)	\$0.00	\$0.00	\$0.00	\$0.00	\$43,506.67	\$0.00
I	17512.25	CADD-FLAGGING-P	DEP Cost Adder flagging (per dollar)	\$0.00	\$0.00	\$0.00	\$0.00	\$17,512.25	\$0.00
I	11700	CADD-MISC-P	DEP Cost Adder miscellaneous (per dollar)	\$0.00	\$0.00	\$0.00	\$0.00	\$11,700.00	\$0.00
I	99947.11	CADD-TREE-TRIM-P	DEP Cost Adder tree trimming (per dollar)	\$0.00	\$0.00	\$0.00	\$0.00	\$99,947.11	\$0.00
I	4	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL	\$6.40	\$251.84	\$0.00	\$0.00	\$0.00	\$0.00
I	5	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL	\$6.25	\$314.80	\$0.00	\$0.00	\$0.00	\$0.00
I	20	CLAMP-NEU/SEC-DE-6-410-P	Secondary/Neutral Dead End 410AL-6CU	\$380.04	\$1,259.20	\$0.00	\$0.00	\$0.00	\$0.00
I	18	CLAMP-PRI-DE-6-410-P	Primary Dead End Clamp 410AL-6CU	\$342.05	\$23.14	\$0.00	\$0.00	\$0.00	\$0.00
I	8	CONN-OH-HLC-210CU-8CUSOL-P	Connector OH Hot Line Clamp 210CU-8CUSOL Line to 210CU-8CUSOL Tap	\$97.76	\$14.24	\$0.00	\$0.00	\$0.00	\$0.00
I	8	CONN-OH-STRP-COMP-110AL-P	Connector OH Strrup Compression 110AL Line	\$73.68	\$14.24	\$0.00	\$0.00	\$0.00	\$0.00
I	21	CONN-OH-TF-STEM-2POS-500AL-P	Connector OH Transformer Stem 1/2in stud to 2 position single set screw 500 AL	\$410.13	\$12.46	\$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	\$38.95	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	2	CONN-UG-SPL-600V-210AL-TX-P	Connector UG splice 600V 210AL triplex	\$4.20	\$99.88	\$0.00	\$0.00	\$0.00	\$0.00
I	1	CONN-UG-SPL-600V-410AL-TX-P	Connector UG splice 600V 410AL triplex	\$11.30	\$49.94	\$0.00	\$0.00	\$0.00	\$0.00
I	7	FUSE-CUTO-25FLIMITER-27KV-POLY-EQUIP-P	(UOP) EQUIPMENT PROTECTION ONLY: 25KV Fault Tamer Assembly with Polymer Insulator for use on 23KV Circuits	\$4,556.02	\$861.44	\$0.00	\$0.00	\$0.00	\$0.00
I	7	FUSE-LINK-3-CL-FLIMITER-P	Fuse Link 3 CL Fault Tamer	\$206.29	\$14.70	\$0.00	\$0.00	\$0.00	\$0.00
I	7	GND-POLE-6-P	Ground Pole #6 soft drawn copper	\$173.81	\$453.37	\$0.00	\$0.00	\$0.00	\$0.00
I	21	GND-ROD-ADD-VRT-OH-P	Ground Rod Additional vertical stacking Overhead	\$345.66	\$896.07	\$0.00	\$0.00	\$0.00	\$0.00
I	7	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp)	\$101.29	\$315.84	\$0.00	\$0.00	\$0.00	\$0.00
I	29	GUY-DOWN-38IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single	\$1,116.05	\$3,712.42	\$0.00	\$0.00	\$0.00	\$0.00
I	29	GUY-HOOK-P	Guy Hook for use on Wood Poles	\$500.54	\$28.48	\$0.00	\$0.00	\$0.00	\$0.00
I	8	GUY-INSL-10FT-FG-P	Guy Insulator 10ft Fiberglass	\$253.60	\$503.68	\$0.00	\$0.00	\$0.00	\$0.00
I	5	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass	\$157.90	\$314.80	\$0.00	\$0.00	\$0.00	\$0.00
I	14	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel	\$61.46	\$29.40	\$0.00	\$0.00	\$0.00	\$0.00
I	11	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel	\$58.52	\$21.00	\$0.00	\$0.00	\$0.00	\$0.00
I	16	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel	\$41.48	\$23.10	\$0.00	\$0.00	\$0.00	\$0.00
I	4	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel	\$1.12	\$8.40	\$0.00	\$0.00	\$0.00	\$0.00
I	6	HDWR-SP-SM-12IN-GALV-P	Hardware Spool Bolt 5/8in diameter 12in long Galvanized Steel	\$54.72	\$214.08	\$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	\$6.00	\$8.40	\$0.00	\$0.00	\$0.00	\$0.00
I	4	INSL-CLIP-SHUNT-P	Insulator Clip Shunt	\$23.92	\$7.12	\$0.00	\$0.00	\$0.00	\$0.00
I	17	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35kV Polymer	\$345.06	\$2,104.90	\$0.00	\$0.00	\$0.00	\$0.00
I	10	INSL-POST-25KV-PORC-TT-P	Insulator Post 25kV Porcelain Tie Top	\$337.50	\$524.70	\$0.00	\$0.00	\$0.00	\$0.00
I	1	LBKT-SIDE-6FT-GALV-WD-PUB-P	Light Bracket Side Mount 6ft long Galvanized Finish for Wood Pole Public	\$46.49	\$84.80	\$0.00	\$0.00	\$0.00	\$0.00
I	1	LEAD-EQ-2-CU-COVER-P	Lead Equipment 2 Copper Covered	\$15.34	\$1.78	\$0.00	\$0.00	\$0.00	\$0.00
I	7	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered	\$17.85	\$12.46	\$0.00	\$0.00	\$0.00	\$0.00
I	1	LFX-RW-LED-50-GRAY-III-3000K-PUB-P	Light Fixture Roadway LED 50W Gray Type III 3000K Public	\$111.78	\$88.09	\$0.00	\$0.00	\$0.00	\$0.00
I	40575.15	OADD-1DOLLAR-P	DEP Adder Misc - Adder \$1 dollar of cost	\$0.00	\$1.78	\$0.00	\$0.00	\$40,575.15	\$0.00
I	1	OADD-POLE-HSET-SM-WD-P	DEP Adder-OH - OH Adder Pole hand set up to 35ft for wood pole (per pole)	\$0.00	\$649.52	\$0.00	\$0.00	\$0.00	\$0.00
I	1	PED-AG-SM-POLY-P	Pedestal Above Ground 8in wide x 8in long Polymer	\$111.30	\$147.32	\$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	\$8.40	\$0.00	\$0.00	\$0.00	\$0.00
I	2	POLE-WD-30-C6-P	(UOP) 30ft long Class 6 Wood Pole with CCA Finish	\$238.82	\$1,091.28	\$0.00	\$0.00	\$0.00	\$0.00
I	6	POLE-WD-45-C4-P	(UOP) 45ft long Class 4 Wood Pole with CCA Finish	\$1,641.18	\$4,833.68	\$0.00	\$0.00	\$0.00	\$0.00
I	7	POLE-WD-50-C3-P	(UOP) 50ft long Class 3 Wood Pole with CCA Finish	\$3,171.63	\$5,405.96	\$0.00	\$0.00	\$0.00	\$0.00
I	1	POLE-WD-55-C3-P	(UOP) 55ft long Class 3 Wood Pole with CCA Finish	\$503.37	\$1,007.33	\$0.00	\$0.00	\$0.00	\$0.00
I	4	RISER-2IN-COND-3PC-P	Riser 2in Conduit 3-10ft sections	\$176.56	\$436.12	\$0.00	\$0.00	\$0.00	\$0.00
I	2	TF-OH-S-23KV-120240V-1P-P	(UOP) Pole Mount 15kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary	\$2,246.62	\$950.66	\$0.00	\$0.00	\$0.00	\$0.00
I	1	TF-OH-S-23KV-120240V-1P-P	(UOP) Pole Mount 25kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary	\$1,396.55	\$475.33	\$0.00	\$0.00	\$0.00	\$0.00
I	4	TIE-HAND-4-AL-P	Tie Hand 4 AL	\$5.64	\$7.12	\$0.00	\$0.00	\$0.00	\$0.00
I	6	TIE-SPOOL-110-AL-P	Tie Spool 110 AL	\$16.20	\$10.68	\$0.00	\$0.00	\$0.00	\$0.00
I	6	TIE-TOP-110-AL-FNECK-P	Tie Top 110 AL F Neck	\$18.60	\$10.68	\$0.00	\$0.00	\$0.00	\$0.00
I	39	ULAB-CABLE-LGT-TRN-SMP	UG Labor Lighting Cable in trench up to 1in diameter cable (per linear ft)	\$0.00	\$27.99	\$0.00	\$0.00	\$0.00	\$0.00
I	94	ULAB-CABLE-TRN-MD-P	UG Labor Cable in trench > 1in - 2in diameter cable (per linear ft)	\$0.00	\$97.38	\$0.00	\$0.00	\$0.00	\$0.00
I	1	ULAB-CONN-SEC-EQUIP-LGT-P	UG Labor Connections for secondary at UG equipment (per multiplex)	\$0.00	\$32.11	\$0.00	\$0.00	\$0.00	\$0.00
I	4	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex)	\$0.00	\$156.48	\$0.00	\$0.00	\$0.00	\$0.00
I	3	ULAB-SPL-PIT-SEC-P	UG Labor Splice pit secondary (per pit)	\$0.00	\$364.56	\$0.00	\$0.00	\$0.00	\$0.00

CU Estimate
Project Estimation By Compatible Unit

I	183	ULAB-TRN-18W-0IN-30IN-P	UG Labor for 18in wide Trench between 0-30in deep. Estimate Per Linear Foot	\$0.00	\$527.68	\$0.00	\$0.00	\$0.00	\$0.00
I	57	WIRE-LGT-2-AL-TX-P	Wire Lighting 2 Aluminum Triplex	\$47.45	\$143.25	\$0.00	\$0.00	\$0.00	\$0.00
I	3320	WIRE-PRI-1/0-AAAC-P	(UOP) 1/0 AAAC Bare Overhead Wire with 7 Strands	\$1,251.94	\$5,563.38	\$0.00	\$0.00	\$0.00	\$0.00
I	282	WIRE-SEC-1/0-AL-TX-P	(UOP) 600V Secondary Triplex Wire; (2) 1/0 Aluminum Wires with XLPE Insulation and (1) 1/0 Bare Aluminum Wire	\$372.47	\$654.76	\$0.00	\$0.00	\$0.00	\$0.00
I	78	WIRE-SEC-2-AL-TX-P	(UOP) 600V Secondary Triplex Wire; (2) #2 Aluminum with XLPE Insulation and (1) #2 Bare Aluminum Wire	\$64.93	\$181.53	\$0.00	\$0.00	\$0.00	\$0.00
R	7 [0]	ANCH-PISA-MD-P	Anchor Power Installed Screw Anchor 8in 10000FT-LB Max Install Torque with 3/4in diameter x 7ft long rod [668.34]	\$0.00	\$0.00	\$587.58	\$0.00	\$0.00	\$0.00
R	3 [0]	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass [668.34]	\$0.00	\$0.00	\$91.29	\$0.00	\$0.00	\$0.00
R	5 [0]	BKT-INSL-PIN-PTOP-STL-P	REM ONLY---USE CU: BKT-INSL-POST-PTOP-STL-P FOR INSTALLS. Bracket insulator post pole top steel [60.00]	\$0.00	\$0.00	\$162.65	\$0.00	\$0.00	\$0.00
R	5 [0]	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter [668.34]	\$0.00	\$0.00	\$8.30	\$0.00	\$0.00	\$0.00
R	243 [0]	CABLE-LGT-10-CU-DX-P	Cable Lighting 10 Copper Duplex [668.34]	\$0.00	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00
R	177 [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 [668.34]	\$0.00	\$0.00	\$4.23	\$0.00	\$0.00	\$0.00
R	281 [0]	CABLE-SVC-4/0-AL-TX-P	(UOP) 600V Service Cable: 4/0 Aluminum Triplex with XLPE Insulation. (2) 4/0 Cables and (1) 1/0 Cable [668.34]	\$0.00	\$0.00	\$4.23	\$0.00	\$0.00	\$0.00
R	30 [0]	CABLE-TAIL-RISER-10-CU-DX-P	(UOP) UG Equipment Tail: 600V #10 duplex cable with XLPE Insulation. (2) #10 Cables [668.34]	\$0.00	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00
R	90 [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 [668.34]	\$0.00	\$0.00	\$4.23	\$0.00	\$0.00	\$0.00
R	90 [0]	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 [668.34]	\$0.00	\$0.00	\$4.23	\$0.00	\$0.00	\$0.00
R	5 [0]	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL [668.34]	\$0.00	\$0.00	\$206.70	\$0.00	\$0.00	\$0.00
R	10 [0]	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL [668.34]	\$0.00	\$0.00	\$411.30	\$0.00	\$0.00	\$0.00
R	2 [0]	CLAMP-PRI-DE-6-4/0-P	Primary Dead End Clamp 4/0AL-6C [668.34]	\$0.00	\$0.00	\$3.56	\$0.00	\$0.00	\$0.00
R	5 [0]	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap [668.34]	\$0.00	\$0.00	\$8.90	\$0.00	\$0.00	\$0.00
R	1 [0]	CONN-OH-STRP-BLT-4/0AL-P	Connector OH Strrup Bolted 4/0AL-4AL Line [668.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	4 [0]	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Strrup Compression 1/0AL Line [668.34]	\$0.00	\$0.00	\$7.12	\$0.00	\$0.00	\$0.00
R	3 [0]	FUSE-CUTOUT-100-27KV-PORC-EQUIP-P	(UOP) REM ONLY---USE CU: FUSE-CUTOUT-100-27KV-POLY-EQUIP-P FOR INSTALLS. Fuse Cutout 100A 27KV Porcelain for Equipment [60.00]	\$0.00	\$0.00	\$223.50	\$0.00	\$0.00	\$0.00
R	1 [0]	FUSE-LINK-2-D-P	Fuse Link 2 D [668.34]	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00
R	3 [0]	FUSE-LINK-3-D-P	Fuse Link 3 D [668.34]	\$0.00	\$0.00	\$6.30	\$0.00	\$0.00	\$0.00
R	4 [0]	GND-POLE-6-P	Ground Pole #6 soft drawn copper [668.34]	\$0.00	\$0.00	\$247.64	\$0.00	\$0.00	\$0.00
R	4 [0]	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp) [668.34]	\$0.00	\$0.00	\$104.92	\$0.00	\$0.00	\$0.00
R	8 [0]	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single [668.34]	\$0.00	\$0.00	\$546.66	\$0.00	\$0.00	\$0.00
R	8 [0]	GUY-HOOK-P	Guy Hook for use on Wood Poles [668.34]	\$0.00	\$0.00	\$12.46	\$0.00	\$0.00	\$0.00
R	3 [0]	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass [668.34]	\$0.00	\$0.00	\$94.44	\$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 [668.34]	\$0.00	\$0.00	\$10.50	\$0.00	\$0.00	\$0.00
R	3 [0]	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel [668.34]	\$0.00	\$0.00	\$4.20	\$0.00	\$0.00	\$0.00
R	2 [0]	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel [668.34]	\$0.00	\$0.00	\$4.20	\$0.00	\$0.00	\$0.00
R	10 [0]	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel [668.34]	\$0.00	\$0.00	\$10.50	\$0.00	\$0.00	\$0.00
R	6 [0]	INSL-1RACK-SEC-PORC-P	Insulator One Wire Rack Secondary/Neutral Porcelain [668.34]	\$0.00	\$0.00	\$125.94	\$0.00	\$0.00	\$0.00
R	1 [0]	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35KV Polymer [668.34]	\$0.00	\$0.00	\$80.80	\$0.00	\$0.00	\$0.00
R	5 [0]	INSL-PIN-23KV-PORC-P	REM ONLY---USE CU: INSL-PIN-35KV-POLY-P FOR INSTALLS. Insulator Pin 23KV Porcelain [60.00]	\$0.00	\$0.00	\$162.65	\$0.00	\$0.00	\$0.00
R	1 [0]	LBKT-SIDE-6FT-GALV-WD-PVT-P	Light Bracket Side Mount 6ft long Galvanized Finish for Wood Pole Private [668.34]	\$0.00	\$0.00	\$41.99	\$0.00	\$0.00	\$0.00
R	1 [0]	LBKT-SIDE-STL-30IN-GALV-WD-PVT-P	Light Bracket Side Mount Steel 30in long Galvanized Finish for Wood Pole Private [668.34]	\$0.00	\$0.00	\$41.99	\$0.00	\$0.00	\$0.00
R	1 [0]	LEAD-EG-2-CU-COVER-P	Lead Equipment 2 Copper Covered [668.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	4 [0]	LEAD-TF-6-CU-COVER-P	Lead Transf/Reg/Cap 6 Copper Covered [668.34]	\$0.00	\$0.00	\$7.12	\$0.00	\$0.00	\$0.00
R	1 [0]	LFX-OBTM-HPS-100-GRAY-V-120V-PVT-P	REM ONLY: Light Fixture Open Bottom High Pressure Sodium 100W Gray Type V Private [60.00]	\$0.00	\$0.00	\$37.87	\$0.00	\$0.00	\$0.00
R	1 [0]	LFX-PHOTO-1000-120V-PVT-P	Light Fixture Photocell 1000W Private [668.34]	\$0.00	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00
R	1 [0]	LFX-PHOTO-1000-GRN-MULTIV-PVT-P	Light Fixture Photocell 1000W Green Private [668.34]	\$0.00	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00
R	1 [0]	LFX-RW-LED-50-GRAY-III-3000K-PVT-P	Light Fixture Roadway LED 50W Gray Type III 3000K Private [668.34]	\$0.00	\$0.00	\$37.87	\$0.00	\$0.00	\$0.00
R	1 [0]	LPOLE-WD-30-C6-P	Light Pole Wood 30ft Class 6 [668.34]	\$0.00	\$0.00	\$226.65	\$0.00	\$0.00	\$0.00
R	1 [0]	POLE-EXISTING-P	DEP GIS Correction or Update Pole existing or foreign owned [60.00]	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00
R	4 [0]	POLE-WD-30-C6-P	(UOP) 30ft long Class 6 Wood Pole with CCA Finish [668.34]	\$0.00	\$0.00	\$906.60	\$0.00	\$0.00	\$0.00
R	3 [0]	POLE-WD-40-C5-P	(UOP) 40ft long Class 5 Wood Pole with CCA Finish [668.34]	\$0.00	\$0.00	\$1,045.11	\$0.00	\$0.00	\$0.00
R	1 [0]	POLE-WD-45-C4-P	(UOP) 45ft long Class 4 Wood Pole with CCA Finish [668.34]	\$0.00	\$0.00	\$348.37	\$0.00	\$0.00	\$0.00
R	1 [0]	RISER-2IN-COND-3PC-P	Riser 2in Conduit 3-10ft sections [668.34]	\$0.00	\$0.00	\$48.27	\$0.00	\$0.00	\$0.00
R	1 [0]	RISER-2IN-COND-SVC-P	Riser 2in Conduit entrance to meter base or trough [668.34]	\$0.00	\$0.00	\$24.14	\$0.00	\$0.00	\$0.00
R	4 [0]	RISER-2IN-UGUARD-3PC-P	Riser 2in U Guard 3-10ft section [668.34]	\$0.00	\$0.00	\$193.08	\$0.00	\$0.00	\$0.00
R	3 [0]	TIE-DE GRIP-1/0-AL-P	Tie Dead End Grip 1/0 AL [668.34]	\$0.00	\$0.00	\$128.10	\$0.00	\$0.00	\$0.00
R	3 [0]	TIE-HAND-4-AL-P	Tie Hand 4 AL [668.34]	\$0.00	\$0.00	\$5.34	\$0.00	\$0.00	\$0.00
R	2 [0]	TIE-SIDE-1/0-AL-FNECK-P	Tie Side 1/0 AL F Neck [668.34]	\$0.00	\$0.00	\$3.56	\$0.00	\$0.00	\$0.00
R	2 [0]	TIE-SLACK GRIP-1/0-AL-P	Tie Slack Span Grip 1/0 AL [668.34]	\$0.00	\$0.00	\$3.56	\$0.00	\$0.00	\$0.00
R	1 [0]	TIE-TOP-1/0-AL-FNECK-P	Tie Top 1/0 AL F Neck [668.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	7 [0]	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex) [60.00]	\$0.00	\$0.00	\$157.29	\$0.00	\$0.00	\$0.00
R	128 [0]	WIRE-LGT-4-AL-TX-P	Wire Lighting 4 Aluminum Triplex [668.34]	\$0.00	\$0.00	\$155.61	\$0.00	\$0.00	\$0.00
R	2656 [0]	WIRE-PRI-1/0-ACSR-P	(UOP) MAINT ONLY: 1/0 ACSR Bare Overhead 6/1 Stranding, Not Approved for New Construction [668.34]	\$0.00	\$0.00	\$2,700.88	\$0.00	\$0.00	\$0.00
R	441 [0]	WIRE-SEC-1/0-AL-TX-P	(UOP) 600V Secondary Triplex Wire; (2) 1/0 Aluminum Wires with XLPE Insulation and (1) 1/0 Bare Aluminum Wire [668.34]	\$0.00	\$0.00	\$494.22	\$0.00	\$0.00	\$0.00
R	233 [0]	WIRE-SEC-2-AL-TX-P	(UOP) 600V Secondary Triplex Wire; (2) #2 Aluminum with XLPE Insulation and (1) #2 Bare Aluminum Wire [668.34]	\$0.00	\$0.00	\$261.28	\$0.00	\$0.00	\$0.00
T	1	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter	\$0.00	\$0.00	\$0.00	\$1.66	\$0.00	\$0.00
T	1	LBKT-SIDE-STL-30IN-GALV-WD-PVT-P	Light Bracket Side Mount Steel 30in long Galvanized Finish for Wood Pole Private	\$0.00	\$0.00	\$0.00	\$69.16	\$0.00	\$0.00
T	1	OLAB-TRF-MX-DE-P	DEP Adder Conductor - TRANSFER ONLY: OH Labor for Transferring Deadended Multiplex Wire	\$0.00	\$0.00	\$0.00	\$83.94	\$0.00	\$0.00
T	2	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	\$125.92	\$0.00	\$0.00
T	1	RISER-2IN-COND-3PC-P	Riser 2in Conduit 3-10ft sections	\$0.00	\$0.00	\$0.00	\$78.24	\$0.00	\$0.00
T	2	TF-OH-15-23KV-120/240V-1P-P	(UOP) Pole Mount 15kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary	\$0.00	\$0.00	\$0.00	\$805.86	\$0.00	\$0.00
T	6	TF-OH-25-23KV-120/240V-1P-P	(UOP) Pole Mount 25kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary	\$0.00	\$0.00	\$0.00	\$2,417.58	\$0.00	\$0.00
Totals:				\$23,619.50	\$38,050.80	\$10,023.07	\$3,582.36	\$213,241.18	\$0.00
Overhead Costs:								\$49,471.95	
Total Materials:				\$4,062.55	\$8,827.74	\$2,325.35	\$831.11		

CU Estimate Project Estimation By Compatible Unit

	\$27,682.05			
Total Labor:		\$46,678.34	\$12,348.42	\$4,413.47
Total Install Cost:	\$337,273.53			
Total Removal Cost:	\$12,348.42			
Total Transfer Cost:	\$4,413.47			
Total Salvage Value:				\$0.00
			Total Install Man Hours:	368.37
			Total Remove Man Hours:	97.48
			Total Transfer Man Hours:	34.52
Total Gross Up:	\$47,198.96			
Total Project Cost:	\$401,234.38			
Show Report Criteria				

CU Estimate Project Estimation By Compatible Unit

Workorder: 38361048
Work Order Desc: Apex - Jessie Dr Ext & Widening Sht 7 & 8 (Estimate)
Estimate: 12058791
Designer: Butler, Robert M

U/R/T	QTY	CU	CU DESCRIPTION	MATERIAL COST	LABOR INSTALL	LABOR REMOVE	LABOR TRANSFER	SERVICE COST	SALVAGE VALUE
I	2	ANCH-PISA-LG-P	Anchor Power Installed Screw Anchor 14in diameter 8000FT-LB Max Install Torque with 1in diameter x 7ft long rod	\$262.96	\$287.50	\$0.00	\$0.00	\$0.00	\$0.00
I	7	ANCH-PISA-MD-P	Anchor Power Installed Screw Anchor 8in 10000FT-LB Max Install Torque with 3/4in diameter x 7ft long rod	\$477.68	\$1,006.25	\$0.00	\$0.00	\$0.00	\$0.00
I	1	ARM-SGL-10-WD-WB-P	(UOP) 10ft Single Wood Crossarm	\$161.73	\$107.03	\$0.00	\$0.00	\$0.00	\$0.00
I	1	ARM-SGL-8-WD-WB-P	(UOP) 8ft Single Wood Crossarm	\$111.65	\$107.03	\$0.00	\$0.00	\$0.00	\$0.00
I	1	ARR-RISER-18KV-BKT-P	(UOP) Primary Riser Arrester for use on 23kV Circuits. Mounted to Equipment Bracket	\$82.22	\$102.83	\$0.00	\$0.00	\$0.00	\$0.00
I	1	BKT-EM-HD-ARM-1P-STL-MD-P	Heavy Duty Bracket for use with Trip Savers, Switches and Power Fuses MD=8" bolts	\$17.09	\$1.78	\$0.00	\$0.00	\$0.00	\$0.00
I	5	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass	\$223.80	\$257.10	\$0.00	\$0.00	\$0.00	\$0.00
I	10	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel	\$324.80	\$503.70	\$0.00	\$0.00	\$0.00	\$0.00
I	1	BKT-TERM-POLE-1P-FG-P	Bracket Termination Pole Single Phase Fiberglass	\$50.64	\$51.42	\$0.00	\$0.00	\$0.00	\$0.00
I	2	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter	\$130.98	\$3.32	\$0.00	\$0.00	\$0.00	\$0.00
I	1	CABLE-GRIP-SGL-SM-P	Cable Grip single eye 1-1 1/4in cable diameter	\$24.83	\$1.66	\$0.00	\$0.00	\$0.00	\$0.00
I	18	CABLE-PRI-1/0-AL-TRXLPE-LC-25KV-P	(UOP) 25kV 1P 1/0 Aluminum Primary Cable with LC Shield and TRXLPE Insulation	\$62.87	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	8	CABLE-SEC-350-AL-TX-P	(UOP) 600V Secondary Cable: 350 Aluminum Triplex with XLPE Insulation. (2) 350 Cables and (1) 4/0 cable	\$31.10	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	21	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	\$33.76	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	78	CABLE-SVC-350-AL-TX-P	(UOP) 600V Service Cable: 350 Aluminum Triplex with XLPE Insulation. (2) 350 Cables and (1) 4/0 Cable	\$303.26	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	16	CABLE-SVC-4/0-AL-TX-P	(UOP) 600V Service Cable: 4/0 Aluminum Triplex with XLPE Insulation. (2) 4/0 Cables and (1) 1/0 Cable	\$35.80	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	18	CABLE-TAIL-EQ-1/0-AL-25KV-P	(UOP) UG Equipment Tail 25kV 1P 1/0 Aluminum Primary Cable with LC Shield and TRXLPE Insulation	\$62.87	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	20	CABLE-TAIL-EQ-350-TX-600V-P	(UOP) UG Equipment Tail 600V 350 Aluminum Triplex with XLPE Insulation. (2) 350 Cables and (1) 4/0 cable	\$77.76	\$28.30	\$0.00	\$0.00	\$0.00	\$0.00
I	1	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	\$2.24	\$1.66	\$0.00	\$0.00	\$0.00	\$0.00
I	63	CABLE-TAIL-RISER-1/0-AL-25KV-P	(UOP) Primary Riser Tail 25kV 1P 1/0 Aluminum Primary Cable with LC Shield and TRXLPE Insulation	\$220.06	\$2.82	\$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	\$48.23	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	30	CABLE-TAIL-RISER-350-TX-600V-P	(UOP) Secondary Riser Tail 600V 350 Aluminum Triplex with XLPE Insulation. (2) 350 Cables and (1) 4/0 Cable	\$116.64	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	16651.25	CADD-FLAGGING-P	DEP Cost Adder flagging (per dollar)	\$0.00	\$0.00	\$0.00	\$0.00	\$16,651.25	\$0.00
I	1	CADD-TREE-TRIM-P	DEP Cost Adder tree trimming (per dollar)	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$0.00
I	9	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL	\$14.40	\$566.64	\$0.00	\$0.00	\$0.00	\$0.00
I	1	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL	\$1.25	\$62.96	\$0.00	\$0.00	\$0.00	\$0.00
I	14	CLAMP-NEU/SEC-DE-6-4/0-P	Secondary/Neutral Dead End 4/0AL-6CU	\$266.06	\$881.44	\$0.00	\$0.00	\$0.00	\$0.00
I	14	CLAMP-PRI-DE-6-4/0-P	Primary Dead End Clamp 4/0AL-6CU	\$266.06	\$14.24	\$0.00	\$0.00	\$0.00	\$0.00
I	2	COND-BEND-2IN-PVC-90DEG-R36-P	Conduit Bend 2in PVC 90 Degrees 36" Radius	\$31.04	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	2	COND-CPLG-2IN-PVC-P	Conduit Coupling 2in PVC	\$1.93	\$3.33	\$0.00	\$0.00	\$0.00	\$0.00
I	2	COND-END-2IN-PVC-P	Conduit End 2in PVC	\$4.20	\$3.33	\$0.00	\$0.00	\$0.00	\$0.00
I	18	COND-STICK-2IN-PVC-SCH40-P	(UOP) 2in x 10ft long Rigid Heavy Wall Schedule 40 PVC Conduit. Estimate by Total Footage Needed.	\$16.98	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	8	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap	\$97.76	\$14.24	\$0.00	\$0.00	\$0.00	\$0.00
I	7	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL Line	\$64.47	\$12.46	\$0.00	\$0.00	\$0.00	\$0.00
I	1	CONN-OH-STRP-COMP-477AL-P	Connector OH Stirrup Compression 477AL-4/0AL line	\$13.82	\$1.78	\$0.00	\$0.00	\$0.00	\$0.00
I	9	CONN-OH-TF-STEM-2POS-500AL-P	Connector OH Transformer Stem 1/2in stud to 2 position single set screw 500 AL	\$175.77	\$5.34	\$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	\$38.95	\$1.41	\$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	\$2.10	\$49.94	\$0.00	\$0.00	\$0.00	\$0.00
I	1	CONN-UG-SPL-600V-350AL-TX-P	Connector UG splice 600V 350AL triplex	\$0.00	\$49.94	\$0.00	\$0.00	\$0.00	\$0.00
I	1	CONN-UG-SPL-600V-4/0AL-TX-P	Connector UG splice 600V 4/0AL triplex	\$11.30	\$49.94	\$0.00	\$0.00	\$0.00	\$0.00
I	1	CONN-UG-SPL-PRI-1/0-2-25KV-P	Connector UG splice primary 1/0 to #2 25kV	\$78.65	\$115.69	\$0.00	\$0.00	\$0.00	\$0.00
I	3	FUSE-CUTOUT-100-27KV-POLY-LINE-P	(UOP) LINE PROTECTION ONLY: 27kV 100A Non-Loadbreak Fuse Cutout with Polymer Insulator (Mapable)	\$390.69	\$377.76	\$0.00	\$0.00	\$0.00	\$0.00
I	4	FUSE-CUTOUT-25/FLIMITER-27KV-POLY-EQUIP-P	(UOP) EQUIPMENT PROTECTION ONLY: 25kV Fault Tamer Assembly with Polymer Insulator for use on 23kV Circuits	\$2,603.44	\$503.68	\$0.00	\$0.00	\$0.00	\$0.00
I	4	FUSE-LINK-3-CL-FLIMITER-P	Fuse Link 3 CL Fault Tamer	\$117.88	\$8.40	\$0.00	\$0.00	\$0.00	\$0.00
I	1	FUSE-LINK-30-K-P	Fuse Link 30 K	\$2.89	\$2.10	\$0.00	\$0.00	\$0.00	\$0.00
I	2	FUSE-LINK-40-K-P	Fuse Link 40 K	\$4.22	\$4.20	\$0.00	\$0.00	\$0.00	\$0.00
I	1	GND-EQUIP-2-BOND-P	Ground Equipment #2 soft drawn copper bonding (5ft length)	\$5.85	\$1.78	\$0.00	\$0.00	\$0.00	\$0.00
I	6	GND-POLE-6-P	Ground Pole #6 soft drawn copper	\$148.98	\$371.46	\$0.00	\$0.00	\$0.00	\$0.00
I	18	GND-ROD-ADD-VRT-OH-P	Ground Rod Additional vertical stacking Overhead	\$296.28	\$768.06	\$0.00	\$0.00	\$0.00	\$0.00
I	6	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp)	\$86.82	\$270.72	\$0.00	\$0.00	\$0.00	\$0.00
I	18	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single	\$692.73	\$2,304.27	\$0.00	\$0.00	\$0.00	\$0.00
I	18	GUY-HOOK-P	Guy Hook for use on Wood Poles	\$310.68	\$16.02	\$0.00	\$0.00	\$0.00	\$0.00
I	6	GUY-INSL-10FT-FG-P	Guy Insulator 10ft Fiberglass	\$190.20	\$377.76	\$0.00	\$0.00	\$0.00	\$0.00
I	3	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass	\$94.74	\$188.88	\$0.00	\$0.00	\$0.00	\$0.00
I	10	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel	\$43.89	\$18.90	\$0.00	\$0.00	\$0.00	\$0.00

**CU Estimate
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I	8	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel	\$42.56	\$14.70	\$0.00	\$0.00	\$0.00	\$0.00
I	14	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel	\$36.32	\$16.80	\$0.00	\$0.00	\$0.00	\$0.00
I	2	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel	\$0.56	\$4.20	\$0.00	\$0.00	\$0.00	\$0.00
I	4	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel	\$6.24	\$4.20	\$0.00	\$0.00	\$0.00	\$0.00
I	1	HDWR-MACH-SM-14IN-GALV-P	Hardware Machine Bolt 5/8in diameter 14in long Galvanized Steel	\$2.30	\$2.10	\$0.00	\$0.00	\$0.00	\$0.00
I	6	HDWR-SP-SM-12IN-GALV-P	Hardware Spool Bolt 5/8in diameter 12in long Galvanized Steel	\$54.72	\$214.08	\$0.00	\$0.00	\$0.00	\$0.00
I	2	HDWR-SWASH-SM-GALV-CURVE-P	Hardware Square Washer 5/8in diameter Galvanized Steel curved	\$3.00	\$4.20	\$0.00	\$0.00	\$0.00	\$0.00
I	2	INSL-CLIP-SHUNT-P	Insulator Clip Shunt	\$11.96	\$3.56	\$0.00	\$0.00	\$0.00	\$0.00
I	14	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35KV Polymer	\$284.14	\$1,733.42	\$0.00	\$0.00	\$0.00	\$0.00
I	14	INSL-POST-25KV-PORC-TT-P	Insulator Post 25kv Porcelain Tie Top	\$472.52	\$736.64	\$0.00	\$0.00	\$0.00	\$0.00
I	4	INSL-STUD-STL-7IN-THD-P	Insulator Stud Steel 5/8in by 7in Long Threaded	\$20.56	\$3.56	\$0.00	\$0.00	\$0.00	\$0.00
I	1	LBKT-SIDE-STL-30IN-GALV-WD-PVT-P	Light Bracket Side Mount Steel 30in long Galvanized Finish for Wood Pole Private	\$24.62	\$84.80	\$0.00	\$0.00	\$0.00	\$0.00
I	5	LEAD-EQ-2-CU-COVER-P	Lead Equipment 2 Copper Covered	\$76.70	\$7.12	\$0.00	\$0.00	\$0.00	\$0.00
I	1	LEAD-EQ-6-CU-COVER-P	Lead Equipment 6 Copper Covered	\$6.13	\$1.78	\$0.00	\$0.00	\$0.00	\$0.00
I	1	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered	\$2.55	\$1.78	\$0.00	\$0.00	\$0.00	\$0.00
I	1	LFIX-PHOTO-1000-GRN-MULTIV-PVT-P	Light Fixture Photocell 1000W Green Private	\$17.79	\$1.40	\$0.00	\$0.00	\$0.00	\$0.00
I	1	LFIX-RW-LED-50-GRAY-III-MULTIV-PVT-P	Special Order: Light Fixture Roadway LED 50W Gray Type III 4000K Private	\$102.65	\$88.09	\$0.00	\$0.00	\$0.00	\$0.00
I	4	MISC-CTE-BAG-40LB-P	Miscellaneous Concrete Bag 40LB	\$21.98	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	3705.173	OADD-1DOLLAR-P	DEP Adder Misc - Adder \$1 dollar of cost	\$0.00	\$1.78	\$0.00	\$0.00	\$37,051.73	\$0.00
I	2	OADD-POLE-DEPTH-P	DEP Adder-OH - OH Adder Pole set extra depth (per ft deep)	\$0.00	\$87.09	\$0.00	\$0.00	\$0.00	\$0.00
I	1	PED-AG-MD-POLY-P	Pedestal Above Ground 10in wide x 14in long Polymer	\$136.57	\$147.32	\$0.00	\$0.00	\$0.00	\$0.00
I	1	PED-HH-XL-FGC-P	Pedestal Hand Hole 30in wide x 48in long Fibrecrete	\$1,157.79	\$126.51	\$0.00	\$0.00	\$0.00	\$0.00
I	1	POLE-WD-30-C6-P	(UOP) 30ft long Class 6 Wood Pole with CCA Finish	\$119.41	\$545.64	\$0.00	\$0.00	\$0.00	\$0.00
I	1	POLE-WD-35-C5-P	(UOP) 35ft long Class 5 Wood Pole with CCA Finish	\$185.47	\$545.64	\$0.00	\$0.00	\$0.00	\$0.00
I	2	POLE-WD-45-C4-P	(UOP) 45ft long Class 4 Wood Pole with CCA Finish	\$547.06	\$1,544.56	\$0.00	\$0.00	\$0.00	\$0.00
I	9	POLE-WD-50-C3-P	(UOP) 50ft long Class 3 Wood Pole with CCA Finish	\$4,077.81	\$6,950.52	\$0.00	\$0.00	\$0.00	\$0.00
I	1	POLE-WD-55-C3-P	(UOP) 55ft long Class 3 Wood Pole with CCA Finish	\$503.37	\$1,007.33	\$0.00	\$0.00	\$0.00	\$0.00
I	1	RECL-TRIPSAVER-100-U4-29KV-1P-P	(UOP) Single Phase Cutout Mounted 100A Tripsaver 29KV Rated Voltage Vacuum Recloser. Pre-Programmed for U4 Delay Curve	\$4,076.08	\$304.30	\$0.00	\$0.00	\$0.00	\$0.00
I	2	RISER-2IN-COND-3PC-P	Riser 2in Conduit 3-10ft sections	\$88.28	\$218.06	\$0.00	\$0.00	\$0.00	\$0.00
I	1	RISER-2IN-COND-4PC-P	Riser 2in Conduit 4-10ft sections	\$58.56	\$109.03	\$0.00	\$0.00	\$0.00	\$0.00
I	1	RISER-2IN-VENT-P	Riser 2in vent boot	\$64.91	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00
I	1	TERM-1/0-AL-25KV-P	Termination Kit 1/0 AL 25KV	\$188.70	\$121.52	\$0.00	\$0.00	\$0.00	\$0.00
I	1	TF-OH-15-23KV-120/240V-1P-P	(UOP) Pole Mount 15kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary	\$1,123.31	\$475.33	\$0.00	\$0.00	\$0.00	\$0.00
I	4	TIE-HAND-4-AL-P	Tie Hand 4 AL	\$5.64	\$7.12	\$0.00	\$0.00	\$0.00	\$0.00
I	4	TIE-SPOOL-1/0-AL-P	Tie Spool 1/0 AL	\$10.80	\$7.12	\$0.00	\$0.00	\$0.00	\$0.00
I	2	TIE-SPOOL-2-AL-P	Tie Spool 2 AL	\$5.22	\$3.56	\$0.00	\$0.00	\$0.00	\$0.00
I	4	TIE-TOP-1/0-AL-FNECK-P	Tie Top 1/0 AL F Neck	\$12.40	\$7.12	\$0.00	\$0.00	\$0.00	\$0.00
I	6	TIE-TOP-477-AL-FNECK-P	Tie Top 477 AL F Neck	\$26.58	\$3.56	\$0.00	\$0.00	\$0.00	\$0.00
I	18	ULAB-CABLE-COND-MD-P	UG Labor Cable in conduit > 1in - 2in diameter cable (per linear ft)	\$0.00	\$25.80	\$0.00	\$0.00	\$0.00	\$0.00
I	123	ULAB-CABLE-TRN-MD-P	UG Labor Cable in trench > 1in - 2in diameter cable (per linear ft)	\$0.00	\$127.34	\$0.00	\$0.00	\$0.00	\$0.00
I	3	ULAB-CONN-SEC-EQUIP-P	UG Labor Connections for secondary at UG equipment (per multiplex)	\$0.00	\$97.38	\$0.00	\$0.00	\$0.00	\$0.00
I	2	ULAB-CONN-SEC-RISER-P	UG Labor Connections for secondary at pole riser (per multiplex)	\$0.00	\$78.24	\$0.00	\$0.00	\$0.00	\$0.00
I	3	ULAB-SPL-PIT-SEC-P	UG Labor Splice pit secondary (per pit)	\$0.00	\$364.56	\$0.00	\$0.00	\$0.00	\$0.00
I	18	ULAB-STICK-TRN-0IN-3IN-P	UG Labor for Placing 0-3in Rigid Conduit in Trench. Estimate per Linear ft	\$0.00	\$21.64	\$0.00	\$0.00	\$0.00	\$0.00
I	37	ULAB-TRN-18W-0IN-30IN-P	UG Labor for 18in wide Trench between 0-30in deep. Estimate Per Linear Foot	\$0.00	\$106.54	\$0.00	\$0.00	\$0.00	\$0.00
I	104	ULAB-TRN-18W-31IN-42IN-P	UG Labor for 18in wide Trench between 31-42in deep. Estimate Per Linear Foot	\$0.00	\$376.20	\$0.00	\$0.00	\$0.00	\$0.00
I	2814	WIRE-PRI-1/0-AAAC-P	(UOP) 1/0 AAAC Bare Overhead Wire with 7 Strands	\$1,061.16	\$4,715.62	\$0.00	\$0.00	\$0.00	\$0.00
I	219	WIRE-SEC-1/0-AL-TX-P	(UOP) 600V Secondary Triplex Wire: (2) 1/0 Aluminum Wires with XLPE Insulation and (1) 1/0 Bare Aluminum Wire	\$289.25	\$507.86	\$0.00	\$0.00	\$0.00	\$0.00
I	38	WIRE-SVC-1/0-AL-TX-P	(UOP) 600V Service Triplex Wire: (2) 1/0 Aluminum Wires with XLPE Insulation and (1) 1/0 Bare Aluminum Wire	\$50.19	\$201.47	\$0.00	\$0.00	\$0.00	\$0.00
R	4 [0]	ANCH-PISA-MD-P	Anchor Power Installed Screw Anchor 8in 10000FT-LB Max Install Torque with 3/4in diameter x 7ft long rod [568.34]	\$0.00	\$0.00	\$335.76	\$0.00	\$0.00	\$0.00
R	1 [0]	ARR-RISER-18KV-BKT-P	(UOP) Primary Riser Arrester for use on 23kV Circuits. Mounted to Equipment Bracket [568.34]	\$0.00	\$0.00	\$54.56	\$0.00	\$0.00	\$0.00
R	5 [0]	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass [568.34]	\$0.00	\$0.00	\$152.15	\$0.00	\$0.00	\$0.00
R	5 [0]	BKT-INSL-PIN-PTOP-STL-P	REM ONLY--USE CU: BKT-INSL-POST-PTOP-STL-P FOR INSTALLS. Bracket insulator post pole top steel [50.00]	\$0.00	\$0.00	\$162.65	\$0.00	\$0.00	\$0.00
R	2 [0]	BKT-INSL-POST-POLE-SM-STL-P	REM ONLY--USE CU: BKT-INSL-POST-POLE-MD-FG-P FOR INSTALLS. Bracket insulator post on pole 7in steel [50.00]	\$0.00	\$0.00	\$65.06	\$0.00	\$0.00	\$0.00
R	1 [0]	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel [568.34]	\$0.00	\$0.00	\$32.53	\$0.00	\$0.00	\$0.00
R	3 [0]	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter [568.34]	\$0.00	\$0.00	\$4.98	\$0.00	\$0.00	\$0.00
R	2 [0]	CABLE-GRIP-SGL-SM-P	Cable Grip single eye 1-1 1/4in cable diameter [568.34]	\$0.00	\$0.00	\$3.32	\$0.00	\$0.00	\$0.00
R	275 [0]	CABLE-PRI-1/0-AL-TRXLPE-LC-25KV-P	(UOP) 25KV 1P 1/0 Aluminum Primary Cable with LC Shield and TRXLPE Insulation [568.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	6 [0]	CABLE-SEC-350-AL-TX-P	(UOP) 600V Secondary Cable: 350 Aluminum Triplex with XLPE Insulation. (2) 350 Cables and (1) 4/0 cable [568.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	103 [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 [568.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	59 [0]	CABLE-SVC-350-AL-TX-P	(UOP) 600V Service Cable: 350 Aluminum Triplex with XLPE Insulation. (2) 350 Cables and (1) 4/0 Cable [568.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	76 [0]	CABLE-SVC-4/0-AL-TX-P	(UOP) 600V Service Cable: 4/0 Aluminum Triplex with XLPE Insulation. (2) 4/0 Cables and (1) 1/0 Cable [568.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00

**CU Estimate
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R	20 [0]	CABLE-TAIL-EQ-350-TX-600V-P	(UOP) UG Equipment Tail 600V 350 Aluminum Triplex with XLPE Insulation. (2) 350 Cables and (1) 4/0 cable [688.34]	\$0.00	\$0.00	\$14.98	\$0.00	\$0.00	\$0.00
R	10 [0]	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 [688.34]	\$0.00	\$0.00	\$7.49	\$0.00	\$0.00	\$0.00
R	35 [0]	CABLE-TAIL-RISER-1/0-AL-25KV-P	(UOP) Primary Riser Tail 25KV 1P 1/0 Aluminum Primary Cable with LC Shield and TRXLPE Insulation [688.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	30 [0]	CABLE-TAIL-RISER-2-TX-600V-P	(UOP) Secondary Riser Tail 600V #2 Aluminum Triplex cable with XLPE Insulation. (3) #2 Cables [688.34]	\$0.00	\$0.00	\$1.41	\$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 [688.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	30 [0]	CABLE-TAIL-RISER-350-TX-600V-P	(UOP) Secondary Riser Tail 600V 350 Aluminum Triplex with XLPE Insulation. (2) 350 Cables and (1) 4/0 Cable [688.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	5 [0]	CLAMP-DE-WDG-MD-P	Clamp dead end wedge 1/0AL-2/0AL [688.34]	\$0.00	\$0.00	\$205.65	\$0.00	\$0.00	\$0.00
R	6 [0]	CLAMP-DE-WDG-SM-P	Clamp dead end wedge 6AL-2AL [688.34]	\$0.00	\$0.00	\$246.57	\$0.00	\$0.00	\$0.00
R	6 [0]	CLAMP-NEU/SEC-DE-6-4/0-P	Secondary/Neutral Dead End 4/0AL-6CU [688.34]	\$0.00	\$0.00	\$247.62	\$0.00	\$0.00	\$0.00
R	8 [0]	CLAMP-PRI-DE-6-4/0-P	Primary Dead End Clamp 4/0AL-6CU [688.34]	\$0.00	\$0.00	\$10.68	\$0.00	\$0.00	\$0.00
R	1 [0]	COND-BEND-2IN-PVC-90DEG-R36-P	Conduit Bend 2in PVC 90 Degrees 36" Radius [688.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	2 [0]	COND-END-2IN-PVC-P	Conduit End 2in PVC [688.34]	\$0.00	\$0.00	\$3.33	\$0.00	\$0.00	\$0.00
R	275 [0]	COND-STICK-2IN-PVC-SCH40-P	(UOP) 2in x 10ft long Rigid Heavy Wall Schedule 40 PVC Conduit. Estimate by Total Footage Needed. [688.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	7 [0]	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap [688.34]	\$0.00	\$0.00	\$12.46	\$0.00	\$0.00	\$0.00
R	1 [0]	CONN-OH-STRP-BLT-2/0CU-P	Connector OH Stirrup Bolted 2/0CU-6CU Line [688.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	2 [0]	CONN-OH-STRP-BLT-556AL-P	Connector OH Stirrup Bolted 556AL-336AL Line [688.34]	\$0.00	\$0.00	\$3.56	\$0.00	\$0.00	\$0.00
R	4 [0]	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL Line [688.34]	\$0.00	\$0.00	\$7.12	\$0.00	\$0.00	\$0.00
R	1 [0]	CONN-OH-STRP-COMP-2AL-P	Connector OH Stirrup Compression 2AL-4AL Line [688.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	3 [0]	CONN-UG-PED-AG-INSL-4POS-MD-P	Connector UG pedestal above ground insulated 4 position #12-350kcmil conductor [688.34]	\$0.00	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00
R	1 [0]	FUSE-CUTOUT-100-27KV-LB-PORC-P	(UOP) REM ONLY--USE CU: FUSE-CUTOUT-100-27KV-POLY-LINE-P FOR INSTALLS. Fuse Cutout 100 27KV Load Break Porcelain [688.34]	\$0.00	\$0.00	\$74.50	\$0.00	\$0.00	\$0.00
R	1 [0]	FUSE-CUTOUT-100-27KV-PORC-EQUIP-P	(UOP) REM ONLY--USE CU: FUSE-CUTOUT-100-27KV-POLY-EQUIP-P FOR INSTALLS. Fuse Cutout 100A 27KV Porcelain for Equipment [688.34]	\$0.00	\$0.00	\$74.50	\$0.00	\$0.00	\$0.00
R	1 [0]	FUSE-CUTOUT-100-27KV-PORC-P	(UOP) REM ONLY--USE CU: FUSE-CUTOUT-100-27KV-POLY-LINE-P FOR INSTALLS. Fuse Cutout 100 27KV Porcelain [688.34]	\$0.00	\$0.00	\$74.50	\$0.00	\$0.00	\$0.00
R	1 [0]	FUSE-LINK-3-D-P	Fuse Link 3 D [688.34]	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00
R	1 [0]	FUSE-LINK-30-K-P	Fuse Link 30 K [688.34]	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00
R	1 [0]	FUSE-LINK-40-K-P	Fuse Link 40 K [688.34]	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00
R	1 [0]	GND-EQUIP-2-BOND-P	Ground Equipment #2 soft drawn copper bonding (5ft length) [688.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	5 [0]	GND-POLE-6-P	Ground Pole #6 soft drawn copper [688.34]	\$0.00	\$0.00	\$309.55	\$0.00	\$0.00	\$0.00
R	5 [0]	GND-ROD-OH-P	Ground Rod Overhead (first rod with clamp) [688.34]	\$0.00	\$0.00	\$131.15	\$0.00	\$0.00	\$0.00
R	8 [0]	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single [688.34]	\$0.00	\$0.00	\$549.84	\$0.00	\$0.00	\$0.00
R	14 [0]	GUY-HOOK-P	Guy Hook for use on Wood Poles [688.34]	\$0.00	\$0.00	\$10.68	\$0.00	\$0.00	\$0.00
R	1 [0]	GUY-INSL-10FT-FG-P	Guy Insulator 10ft Fiberglass [688.34]	\$0.00	\$0.00	\$31.48	\$0.00	\$0.00	\$0.00
R	5 [0]	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass [688.34]	\$0.00	\$0.00	\$158.45	\$0.00	\$0.00	\$0.00
R	5 [0]	GUY-SPAN-3/8IN-GALV-ATTACH-P	Guy Span 3/8 in diameter Galvanized Attach [688.34]	\$0.00	\$0.00	\$140.61	\$0.00	\$0.00	\$0.00
R	125 [0]	GUY-SPAN-3/8IN-GALV-WIRE-P	Guy Span 3/8 in diameter Galvanized Wire [688.34]	\$0.00	\$0.00	\$126.96	\$0.00	\$0.00	\$0.00
R	10 [0]	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel [688.34]	\$0.00	\$0.00	\$21.00	\$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 [688.34]	\$0.00	\$0.00	\$4.20	\$0.00	\$0.00	\$0.00
R	8 [0]	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel [688.34]	\$0.00	\$0.00	\$14.70	\$0.00	\$0.00	\$0.00
R	1 [0]	HDWR-LWASH-SM-GALV-P	Hardware Lock Washer 5/8in diameter Galvanized Steel [688.34]	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00
R	18 [0]	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel [688.34]	\$0.00	\$0.00	\$16.80	\$0.00	\$0.00	\$0.00
R	1 [0]	HDWR-SWASH-SM-GALV-CURVE-P	Hardware Square Washer 5/8in diameter Galvanized Steel curved [688.34]	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00
R	10 [0]	INSL-1RACK-SEC-PORC-P	Insulator One Wire Rack Secondary/Neutral Porcelain [688.34]	\$0.00	\$0.00	\$209.88	\$0.00	\$0.00	\$0.00
R	1 [0]	INSL-CLIP-SHUNT-P	Insulator Clip Shunt [688.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	7 [0]	INSL-DE/S-23KV-PORC-P	REM ONLY--USE CU: INSL-DE/S-35KV-POLY-P FOR INSTALLS. Insulator Dead End/Suspension 23kv Porcelain [688.34]	\$0.00	\$0.00	\$565.58	\$0.00	\$0.00	\$0.00
R	3 [0]	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35kv Polymer [688.34]	\$0.00	\$0.00	\$242.39	\$0.00	\$0.00	\$0.00
R	7 [0]	INSL-EXT-LINK-P	Insulator Extension Link [688.34]	\$0.00	\$0.00	\$8.90	\$0.00	\$0.00	\$0.00
R	5 [0]	INSL-PIN-23KV-PORC-P	REM ONLY--USE CU: INSL-PIN-35KV-POLY-P FOR INSTALLS. Insulator Pin 23kv Porcelain [688.34]	\$0.00	\$0.00	\$162.65	\$0.00	\$0.00	\$0.00
R	3 [0]	INSL-POST-27KV-PORC-TT-P	REM ONLY--USE CU: INSL-POST-35KV-PORC-TT-P FOR INSTALLS. Insulator Post 27kv Porcelain Tie Top [688.34]	\$0.00	\$0.00	\$97.59	\$0.00	\$0.00	\$0.00
R	2 [0]	INSL-STUD-STL-1 3/4IN-THD-P	Insulator Stud Steel 1.75in Long Threaded [688.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	1 [0]	LBKT-SIDE-STL-30IN-GALV-WD-PVT-P	Light Bracket Side Mount Steel 30in long Galvanized Finish for Wood Pole Private [688.34]	\$0.00	\$0.00	\$41.99	\$0.00	\$0.00	\$0.00
R	4 [0]	LEAD-EQ-2-CU-COVER-P	Lead Equipment 2 Copper Covered [688.34]	\$0.00	\$0.00	\$5.34	\$0.00	\$0.00	\$0.00
R	1 [0]	LEAD-EQ-6-CU-COVER-P	Lead Equipment 6 Copper Covered [688.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	1 [0]	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered [688.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	1 [0]	LFIX-OBTM-HPS-70-GRAY-V-120V-PVT-P	Light Fixture Open Bottom High Pressure Sodium 70W Gray Type V Private [688.34]	\$0.00	\$0.00	\$37.87	\$0.00	\$0.00	\$0.00
R	1 [0]	LFIX-PHOTO-1000-120V-PVT-P	Light Fixture Photocell 1000W Private [688.34]	\$0.00	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00
R	1 [0]	PED-AG-MD-POLY-P	Pedestal Above Ground 10in wide x 14in long Polymer [688.34]	\$0.00	\$0.00	\$79.90	\$0.00	\$0.00	\$0.00
R	5 [0]	POLE-WD-30-C6-P	(UOP) 30ft long Class 6 Wood Pole with CCA Finish [688.34]	\$0.00	\$0.00	\$1,133.25	\$0.00	\$0.00	\$0.00
R	1 [0]	POLE-WD-40-C4-P	(UOP) 40ft long Class 4 Wood Pole with CCA Finish [688.34]	\$0.00	\$0.00	\$348.37	\$0.00	\$0.00	\$0.00
R	6 [0]	POLE-WD-40-C5-P	(UOP) 40ft long Class 5 Wood Pole with CCA Finish [688.34]	\$0.00	\$0.00	\$2,090.22	\$0.00	\$0.00	\$0.00
R	1 [0]	POLE-WD-45-C5-P	(UOP) REM ONLY: USE CU: POLE-WD-45-C4-P FOR INSTALLS. 45ft long Class 5 Wood Pole with CCA Finish [688.34]	\$0.00	\$0.00	\$348.37	\$0.00	\$0.00	\$0.00
R	1 [0]	POLE-WD-TREAT-P	Pole Wood treatment with boron rod [688.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	1 [0]	RECL-TRIPSAVER-100-U4-29KV-1P-P	(UOP) Single Phase Cutout Mounted 100A Tripsaver 29KV Rated Voltage Vacuum Recloser. Pre-Programmed for U4 Delay Curve [688.34]	\$0.00	\$0.00	\$199.37	\$0.00	\$0.00	\$0.00
R	1 [0]	RISER-1IN-COND-3PC-P	Riser 1in Conduit 3-10ft sections [688.34]	\$0.00	\$0.00	\$48.27	\$0.00	\$0.00	\$0.00

**CU Estimate
Project Estimation By Compatible Unit**

R	2 [0]	RISER-2IN-UGUARD-3PC-P	Riser 2in U Guard 3-10ft section [§68.34]	\$0.00	\$0.00	\$96.54	\$0.00	\$0.00	\$0.00
R	1 [0]	RISER-3IN-COND-3PC-P	Riser 3in Conduit 3-10ft sections [§68.34]	\$0.00	\$0.00	\$48.27	\$0.00	\$0.00	\$0.00
R	1 [0]	RISER-4IN-UGUARD-3PC-P	Riser 4in U Guard 3-10ft section [§68.34]	\$0.00	\$0.00	\$55.76	\$0.00	\$0.00	\$0.00
R	1 [0]	TERM-1/0-AL-25KV-P	Termination Kit 1/0 AL 25kV [§68.34]	\$0.00	\$0.00	\$45.78	\$0.00	\$0.00	\$0.00
R	1 [0]	TF-OH-10-23KV-120/240V-1P-P	(UOP) Pole Mount 10kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary [§68.34]	\$0.00	\$0.00	\$281.21	\$0.00	\$0.00	\$0.00
R	3 [0]	TIE-DE GRIP-1/0-AL-P	Tie Dead End Grip 1/0 AL [§68.34]	\$0.00	\$0.00	\$127.37	\$0.00	\$0.00	\$0.00
R	3 [0]	TIE-DE GRIP-2-AL-P	Tie Dead End Grip 2 AL [§68.34]	\$0.00	\$0.00	\$128.10	\$0.00	\$0.00	\$0.00
R	1 [0]	TIE-DE GRIP-4-AL-P	Tie Dead End Grip 4 AL [§68.34]	\$0.00	\$0.00	\$42.70	\$0.00	\$0.00	\$0.00
R	6 [0]	TIE-HAND-4-AL-P	Tie Hand 4 AL [§68.34]	\$0.00	\$0.00	\$10.88	\$0.00	\$0.00	\$0.00
R	1 [0]	TIE-SIDE-1/0-AL-FNECK-P	Tie Side 1/0 AL F Neck [§68.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	2 [0]	TIE-SIDE-477-AL-FNECK-P	Tie Side 477 AL F Neck [§68.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	2 [0]	TIE-TOP-1/0-AL-FNECK-P	Tie Top 1/0 AL F Neck [§68.34]	\$0.00	\$0.00	\$3.56	\$0.00	\$0.00	\$0.00
R	1 [0]	TIE-TOP-477-AL-FNECK-P	Tie Top 477 AL F Neck [§68.34]	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00	\$0.00
R	1 [0]	ULAB-CONN-SEC-EQUIP-P	UG Labor Connections for secondary at UG equipment (per multiplex) [§0.00]	\$0.00	\$0.00	\$19.98	\$0.00	\$0.00	\$0.00
R	2 [0]	ULAB-CONN-SEC-EQUIP-SVC-P	UG Labor Connections for service at UG equipment (per multiplex) [§0.00]	\$0.00	\$0.00	\$39.96	\$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	\$44.94	\$0.00	\$0.00	\$0.00
R	88 [0]	WIRE-LGT-4-AL-DX-P	Wire Lighting 4 Aluminum Duplex [§68.34]	\$0.00	\$0.00	\$107.03	\$0.00	\$0.00	\$0.00
R	2352 [0]	WIRE-PRI-1/0-ACSR-P	(UOP) MAINT ONLY: 1/0 ACSR Bare Overhead 6/1 Stranding. Not Approved for New Construction [§68.34]	\$0.00	\$0.00	\$2,392.38	\$0.00	\$0.00	\$0.00
R	264 [0]	WIRE-PRI-2-ACSR-P	(UOP) MAINT ONLY: #2 AAAC Bare Overhead Wire with 7 Strands. Not Approved for New Construction [§68.34]	\$0.00	\$0.00	\$268.62	\$0.00	\$0.00	\$0.00
R	235 [0]	WIRE-SEC-1/0-AL-TX-P	(UOP) 600V Secondary Triplex Wire: (2) 1/0 Aluminum Wires with XLPE Insulation and (1) 1/0 Bare Aluminum Wire [§68.34]	\$0.00	\$0.00	\$263.37	\$0.00	\$0.00	\$0.00
R	104 [0]	WIRE-SEC-2-AL-TX-P	(UOP) 600V Secondary Triplex Wire: (2) #2 Aluminum with XLPE Insulation and (1) #2 Bare Aluminum Wire [§68.34]	\$0.00	\$0.00	\$116.47	\$0.00	\$0.00	\$0.00
R	51 [0]	WIRE-SVC-1/0-AL-TX-P	(UOP) 600V Service Triplex Wire: (2) 1/0 Aluminum Wires with XLPE Insulation and (1) 1/0 Bare Aluminum Wire [§68.34]	\$0.00	\$0.00	\$107.03	\$0.00	\$0.00	\$0.00
R	48 [0]	WIRE-SVC-2-AL-TX-P	(UOP) 600V Service Triplex Wire: (2) #2 Aluminum with XLPE Insulation and (1) #2 Bare Aluminum Wire [§68.34]	\$0.00	\$0.00	\$107.03	\$0.00	\$0.00	\$0.00
T	4	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass	\$0.00	\$0.00	\$0.00	\$193.08	\$0.00	\$0.00
T	1	CABLE-GRIP-SGL-MD-P	Cable Grip single eye 2-2 1/2in cable diameter	\$0.00	\$0.00	\$0.00	\$1.66	\$0.00	\$0.00
T	2	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap	\$0.00	\$0.00	\$0.00	\$3.56	\$0.00	\$0.00
T	1	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL Line	\$0.00	\$0.00	\$0.00	\$1.78	\$0.00	\$0.00
T	12	CONN-OH-TF-STEM-2POS-500AL-P	Connector OH Transformer Stem 1/2in stud to 2 position single set screw 500 AL	\$0.00	\$0.00	\$0.00	\$7.12	\$0.00	\$0.00
T	1	FUSE-CUTOUT-100-27KV-POLY-EQUIP-P	(UOP) EQUIPMENT PROTECTION ONLY: 27kV 100A Non-Loadbreak Fuse Cutout with Polymer Insulator (Non-Mapable)	\$0.00	\$0.00	\$0.00	\$104.93	\$0.00	\$0.00
T	2	FUSE-CUTOUT-25/FLIMITER-27KV-POLY-EQUIP-P	(UOP) EQUIPMENT PROTECTION ONLY: 25kV Fault Tamer Assembly with Polymer Insulator for use on 23kV Circuits	\$0.00	\$0.00	\$0.00	\$209.86	\$0.00	\$0.00
T	2	FUSE-LINK-3-CL-FLIMITER-P	Fuse Link 3 CL Fault Tamer	\$0.00	\$0.00	\$0.00	\$4.20	\$0.00	\$0.00
T	1	FUSE-LINK-5-CL-FLIMITER-P	Fuse Link 5 CL Fault Tamer	\$0.00	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00
T	1	FUSE-LINK-5-D-P	Fuse Link 5 D	\$0.00	\$0.00	\$0.00	\$2.10	\$0.00	\$0.00
T	1	LBKT-SIDE-6FT-GALV-WD-PUB-P	Light Bracket Side Mount 6ft long Galvanized Finish for Wood Pole Public	\$0.00	\$0.00	\$0.00	\$69.16	\$0.00	\$0.00
T	1	LBKT-SIDE-STL-30IN-GALV-WD-PVT-P	Light Bracket Side Mount Steel 30in long Galvanized Finish for Wood Pole Private	\$0.00	\$0.00	\$0.00	\$69.16	\$0.00	\$0.00
T	7	LEAD-TF-6-CU-COVER-P	Lead Trans/Reg/Cap 6 Copper Covered	\$0.00	\$0.00	\$0.00	\$12.46	\$0.00	\$0.00
T	2	OLAB-TRF-MX-DE-P	DEP Adder Conductor - TRANSFER ONLY: OH Labor for Transferring Deadended Multiplex Wire	\$0.00	\$0.00	\$0.00	\$167.88	\$0.00	\$0.00
T	6	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	\$373.56	\$0.00	\$0.00
T	4	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	\$251.84	\$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	\$96.54	\$0.00	\$0.00
T	1	RISER-3IN-COND-3PC-P	Riser 3in Conduit 3-10ft sections	\$0.00	\$0.00	\$0.00	\$78.24	\$0.00	\$0.00
T	4	TF-OH-15-23KV-120/240V-1P-P	(UOP) Pole Mount 15kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary	\$0.00	\$0.00	\$0.00	\$1,611.72	\$0.00	\$0.00
T	1	TF-OH-25-23KV-120/240V-1P-P	(UOP) Pole Mount 25kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary	\$0.00	\$0.00	\$0.00	\$402.93	\$0.00	\$0.00
T	2	TF-OH-37-23KV-120/240V-1P-P	(UOP) Pole Mount 37.5kVA Single Bushing Transformer for 22.86/13.2kV Primary and 120/240V Secondary	\$0.00	\$0.00	\$0.00	\$805.86	\$0.00	\$0.00
Totals:				\$23,912.86	\$31,284.18	\$13,284.51	\$4,469.74	\$53,703.98	\$0.00
Overhead Costs:								\$12,459.32	
Total Materials:				\$4,113.01	\$7,257.93	\$3,082.01	\$1,036.98		
Total Labor:						\$28,025.87			
Total Install Cost:						\$38,542.11	\$16,366.52	\$5,506.72	
Total Removal Cost:						\$132,731.29			
Total Transfer Cost:						\$16,366.52			
Total Transfer Cost:						\$5,506.72			

CU Estimate
Project Estimation By Compatible Unit

Total Salvage Value:

\$0.00

Total Install Man Hours: 304.19
Total Remove Man Hours: 126.42
Total Transfer Man Hours: 43.16

Total Gross Up:
Total Project Cost:

\$20,128.20
\$174,732.72

Show Report Criteria

LEGEND

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

SAFETY

USP: CIRCUIT: T4530B05
 USP: FEEDER: APEX NORTH 23KV
 USP: SUBSTATION: APEX NORTH 230KV
 USP:

Safety Reminders / Adverse Conditions

FLAGGERS NEEDED

WZS: Remember "Your Circle of Safety"
 WZS: HEAVY TRAFFIC IN THIS AREA
 WZS:
 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.

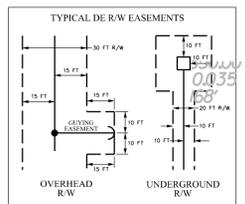
LAND AGENT & VEGETATION MANAGEMENT
 OPS CENTER: EUQUAY
 RESP. CENTER - ENG: CHD. TREE CLEARING: ROW:
 ACTIVITY - ENG: E TREE CLEARING: I ROW: E

DUKE ENERGY PROGRESS

Funding #: PFP966108
 Work Order #: 38361048
 Address:
 Town of Apex
 Jessie Drive Extension and Widening
 4821 Jessie Dr.
 Apex, NC 27539
 Wake County

Designed By: Mark Butler
 Design Completed: 09-28-20
 Scale: 1" = 40'
 Office Phone: 919-654-6595
 Cell Phone: 740-404-2630
 Sheet #: 7

ALL TFOs ON THIS SHEET ARE IN A HFZ



$n = 100000$
 $SE = 0.035$
 $RO = 168'$

PIKE ENGINEERING

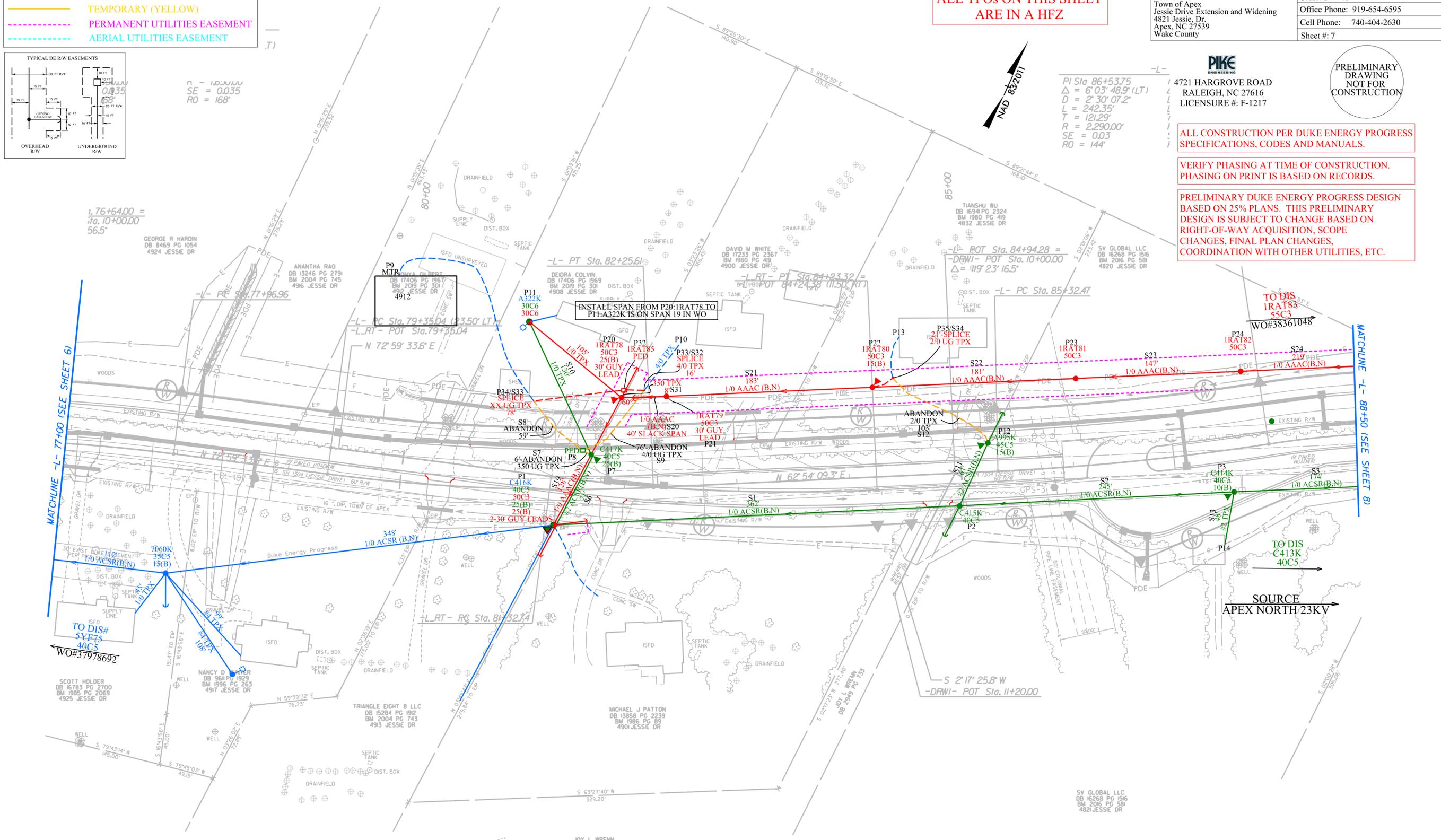
4721 HARGROVE ROAD
 RALEIGH, NC 27616
 LICENSURE #: F-1217

PRELIMINARY DRAWING NOT FOR CONSTRUCTION

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

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

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.



NO.	DATE	REVISION	BY	CK	APP
3	11-22-22	Received complete set of updates on 11-22-22.		DSV	
2	11-08-22	Received updated dsn file on 11-08-22.		DSV	
1	07-11-22	Received updated dsn, row, ss files on 07-11-22.		DSV	

