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

July 7, 2025

Town of Black Mountain
Attn.: Angela Reece angela.reece@tobm.org
C/O: Joe Montgomery jfmontgomery@jmt.com
160 Midland Avenue
Black Mountain, NC 28711

RE:		
	DOT WBS#:	49469.2.2
	TIP #:	HL-0013
	Company Project #:	PFP467037
	County:	Buncombe
	Location / State:	Black Mountain, NC
	Proj Requirements:	Utility Relocation Agreement; Actual Cost Billing; Non-Betterment Work
	Proj Description:	Relocate DE company facilities out of Town of Black Mountain way for Bridge No.522 over Tomahawk Creek.

Attached are copies of our detailed estimate in the amount of $103,424.27 and our relocation design drawing covering our proposed relocation of Duke Energy's facilities in conflict with this project. This estimate is valid for 90 days and is based on the design as shown on the attached drawings. Estimates may be revised due to change in scope or if right of way is not obtained. The estimate will be updated if the authorization to proceed is received after the 90 day deadline.

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

Raymond Veilleux, Project Manager at Raymond.Veilleux@duke-energy.com or 864-908-5478
Cory Hamlin, Lead Engineering Tech at Cory.Hamlin@duke-energy.com or 828-258-4356
Jamie Hicks, Program Manager at Jamie.Hicks@duke-energy.com or 980-395-9689

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

Sincerely,

James P. Hicks II

Jamie Hicks
Highway Relocation Program Manager
Duke Energy

JH: db

Cc. Raymond Veilleux, Raymond.Veilleux@duke-energy.com
Cory Hamlin, Cory.Hamlin@duke-energy.com

Utility Relocation Agreement
Town of Black Mountain
49469.2.2, HL-0013, Bridge No.522 over Tomahawk Creek
Duke Energy Progress Project Number: PFP467037
County: Buncombe State: NC

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

W I T N E S S E T H:

THAT WHEREAS, TOBM, will submit a project for construction as follows: Relocate DE company facilities out of Town of Black Mountain way for Bridge No.522 over Tomahawk Creek.

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, TOBM 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 TOBM shall be relieved of

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

2. That the COMPANY will prepare an estimate, broken down as to estimated cost of labor, construction overhead, materials, and supplies, handling charges, transportation and equipment, rights of way, preliminary engineering and construction engineering, including itemization of appropriate credits for salvage and betterment's, all in sufficient detail to provide TOBM, 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 TOBM's new right of way using appropriate nomenclature, symbols, legend, notes, color coding or the like. The before mentioned estimate and plans are attached hereto and made a part hereof. There are no costs for changes not necessitated by the construction of the highway project, nor for changes made solely for the benefit or convenience of the COMPANY, or its contractor. The attached estimate is valid for 90 days and is based on design shown in the attached drawings. The estimates will be updated and an amendment to the original Utility Relocation Agreement may be initiated if the scope of the project changes (causing cost to exceed original estimate) or new right of way cannot be obtained (causing a delay in the relocation construction).

3. That TOBM'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:

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

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

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

6. a. It is contemplated by the parties hereto that the construction of this TOBM 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 TOBM construction and arrangements for said work will be coordinated with TOBM construction operations at pre-construction conference.

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

   _Other (Specify)_____

   _____

   _____

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

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

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

c. _____On a lump -sum basis where the estimated cost to the TOBM 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 _____ $ 103,424.27

   The estimated non-betterment cost to TOBM, including all cost less any credits for salvage, betterment and additional work done by the COMPANY will be _____ $ 103,424.27

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

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

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

11. Periodic progress billings of incurred costs will be made by the COMPANY to TOBM 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 TOBM 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 TOBM 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 TOBM 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 TOBM 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 TOBM.

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 TOBM evidencing that relinquishment.

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

Town of Black Mountain

By:_____

Name:_____

Title:_____

DUKE ENERGY PROGRESS, LLC.

By: James P. Hicks II

Jamie Hicks
HIGHWAY RELOCATION PROGRAM MANAGER

STATE OF NORTH CAROLINA—COUNTY OF BUNCOMBE.

KNOW ALL MEN BY THESE PRESENTS, That Cora S. Dula (widow)

grantor(s) of said County and State, in consideration of the sum of $ 1.00 one dollar 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 1.50 acres, bounded by lands of Lewis Kamupp & Ben Reese, on the north J.V. Brittain, on the south, R.O. Alexander estate, on the east, D.A. Walker & Dr. J. Archer, on the west 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 make necessary repairs and alterations thereon, 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) does hereunto set her hand(s) and seal(s) this 2nd day of June 1936.

Witness:

Cora S. Dula (SEAL)

(SEAL)

(SEAL)

(SEAL)

STATE OF NORTH CAROLINA—COUNTY OF BUNCOMBE.

I, Adolph Marquardt a Notary Public within and for said County and State, do hereby certify that Cora S. Dula (widow) personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and Notarial Seal this 2nd day of June, 1936.

My commission expires: Nov. 16, 1937 (Notarial Seal)

Adolph Marquardt Notary Public.

NORTH CAROLINA—BUNCOMBE COUNTY.

The foregoing certificate of Adolph Marquardt a Notary Public of the County of Buncombe duly authenticated by his Notarial Seal thereto attached, is adjudged to be correct. Let the instrument and the certificates be registered.

This 30th day of June, 1936. Edward S. Roberts Deputy Clerk Superior Court, Buncombe County, N. C.

Registered this the 30th day of June 1936, at 11 o'clock A M.

Geo. A. Digges Jr. Register of Deeds

Copied by Christian Verified by WDD & Hawkins

STATE OF NORTH CAROLINA—COUNTY OF BUNCOMBE.

KNOW ALL MEN BY THESE PRESENTS, That Tony Dorato

grantor(s) of said County and State, in consideration of the sum of $ 1.00 one dollar 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 10½ acres, bounded by lands of S.T. Sales on the north, James E. Penley, on the south, Mrs. D.F. Mathews, on the east, T.L. Swafford, on the west 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 make necessary repairs and alterations thereon, 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) does hereunto set his hand(s) and seal(s) this 4th day of June 1936.

Witness:

Tony Dorato (SEAL)

(SEAL)

(SEAL)

(SEAL)

STATE OF NORTH CAROLINA—COUNTY OF BUNCOMBE.

I, Adolph Marquardt a Notary Public within and for said County and State, do hereby certify that Tony Dorato personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and Notarial Seal this 4th day of June, 1936.

My commission expires: Nov. 16th, 1937 (Notarial Seal)

Adolph Marquardt Notary Public.

NORTH CAROLINA—BUNCOMBE COUNTY.

The foregoing certificate of Adolph Marquardt a Notary Public of the County of Buncombe duly authenticated by his Notarial Seal thereto attached, is adjudged to be correct. Let the instrument and the certificates be registered.

This 30 day of June, 1936. Edna C. Trantham Deputy Clerk Superior Court, Buncombe County, N. C.

Registered this the 30th day of June 1936, at 11 o'clock A M.

Geo. A. Digges Jr. Register of Deeds

Copied by Christian Verified by WDD & Hawkins

BOOK 1124 PAGE 531

DRAWN BY OR UNDER THE DIRECTION OF: ANDREW McDANIEL ATTORNEY

STATE OF NORTH CAROLINA

COUNTY OF Buncombe

KNOW ALL MEN BY THESE PRESENTS, That the undersigned C. Cliff Meyer and wife, Aileen B. Meyer

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 Black Mountain Township in said County and State, containing 4 acres, more or less, bounded by ~~Buncombe~~ Oconeechee Ave. on the North, tenth street on the East, Cherokee Street on the South, and Ninth Street 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.

It is contemplated that the aforesaid lands will be subdivided into lots and streets, and the power Company is hereby authorized to install, operate and maintain thereon with the rights and privileges herein contained and at such locations as in the opinion of Power Company are the most practical, electric distribution lines as they may be initially installed and extended from time to time, to render electric service thereon, and electric lines located on said lands under this easement may be extended thereover to reach lands contiguous thereto.

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 ~~his~~ hand (s) and seal (s), this 6th day of MAY, 1925.

Witnesses: Ted Cooper / 6661
Ted Cooper

C. Cliff Meyer (Seal)
Aileen B. Meyer (Seal)
(Seal)
(Seal)
(Seal)

STATE OF NORTH CAROLINA, BUNCOMBE County.

I, CARL W. CONLEY, a Notary Public of BUNCOMBE County, North Carolina, certify that TED COOPER personally appeared before me this day and, being duly sworn, stated that, in his (her) presence, C. CLIFF MEYER AND AILEEN B. MEYER signed the foregoing instrument.

Witness my hand and official seal, this the 23RD day of JUNE, 1980.

Carl W. Conley
Notary Public.

My commission expires the 19TH day of APRIL, 1980.

STATE OF NORTH CAROLINA, ... County.

I, ..., a Notary Public of ..... County, North Carolina, do hereby certify that .....

personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

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

.....
Notary Public.

My commission expires the ..... day of ....., 19.....

NORTH CAROLINA Buncombe County

The foregoing certificate of Carl W. Conley

Notar(y) (ies) Public, is (are) certified to be correct. This instrument was filed for registration at 10:46 o'clock A M., and recorded in this office in Book ....., Page .....

This 8 day of August, 1975.

William E. Briggs
Register of Deeds
By: Peggy M. Willett, Deputy

Form 1322—Rev. 11-8-71

CU Estimate
Project Estimation By Compatible Unit

Workorder: 50467037

Work Order Desc: 49469.2.2, HL-0013, Bridge No.522 over Tomahawk Creek

Estimate: 11381440

Designer: Veilleux, Raymond

I/R/T	QTY	CU	CU DESCRIPTION	MATERIAL COST	LABOR INSTALL	LABOR REMOVE	LABOR TRANSFER	SERVICE COST	SALVAGE VALUE
I	7	ANCH-PISA-SM-P	Anchor Power Installed Screw Anchor 8in 6000LB with 3/4in diameter x 7ft long rod	$319.97	$955.36	$0.00	$0.00	$0.00	$0.00
I	1	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass	$53.58	$48.81	$0.00	$0.00	$0.00	$0.00
I	5	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel	$180.75	$239.10	$0.00	$0.00	$0.00	$0.00
I	33286.52	CADD-ENGINEERING-P	DEP Cost Adder engineering fees (per dollar)	$0.00	$0.00	$0.00	$0.00	$33,286.52	$0.00
I	4334.75	CADD-FLAGGING-P	DEP Cost Adder flagging (per dollar)	$0.00	$0.00	$0.00	$0.00	$4,334.75	$0.00
I	22	CLAMP-DE-SM-P	REPLACED WITH NEW CUs: CLAMP-PRI-DE-6-4/0-P or CLAMP-NEU/SEC-DE-6-4/0-P. Clamp dead end 4/0AL-6CU	$404.65	$11.83	$0.00	$0.00	$0.00	$0.00
I	1	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap	$12.30	$1.69	$0.00	$0.00	$0.00	$0.00
I	1	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL Line	$9.86	$1.69	$0.00	$0.00	$0.00	$0.00
I	1	FUSE-CUTOUT-100-27KV-POLY-LINE-P	(UOP) LINE PROTECTION ONLY: 27kV 100A Non-Loadbreak Fuse Cutout with Polymer Insulator (Mapable)	$131.08	$119.54	$0.00	$0.00	$0.00	$0.00
I	1	FUSE-LINK-25-S-P	Fuse Link 25 S/IS/KS/MS	$2.86	$1.99	$0.00	$0.00	$0.00	$0.00
I	14	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single	$496.58	$1,701.49	$0.00	$0.00	$0.00	$0.00
I	16	GUY-HOOK-P	Guy Hook for use on Wood Poles	$302.16	$13.52	$0.00	$0.00	$0.00	$0.00
I	7	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass	$177.80	$418.39	$0.00	$0.00	$0.00	$0.00
I	1	GUY-SPAN-3/8IN-GALV-ATTACH-P	Guy Span 3/8 in diameter Galvanized Attach	$28.13	$42.84	$0.00	$0.00	$0.00	$0.00
I	264.03	GUY-SPAN-3/8IN-GALV-WIRE-P	Guy Span 3/8 in diameter Galvanized Wire	$118.34	$378.56	$0.00	$0.00	$0.00	$0.00
I	7	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel	$44.66	$13.93	$0.00	$0.00	$0.00	$0.00
I	6	HDWR-EYEBOLT-SM-12IN-GALV-P	Hardware Eye Bolt 5/8in diameter 12in long Galvanized Steel	$42.30	$11.94	$0.00	$0.00	$0.00	$0.00
I	10	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel	$23.66	$11.94	$0.00	$0.00	$0.00	$0.00
I	2	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel	$2.82	$1.99	$0.00	$0.00	$0.00	$0.00
I	2	HDWR-SP-SM-12IN-GALV-P	Hardware Spool Bolt 5/8in diameter 12in long Galvanized Steel	$17.82	$3.98	$0.00	$0.00	$0.00	$0.00
I	12	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35kV Polymer	$266.09	$1,410.60	$0.00	$0.00	$0.00	$0.00
I	5	INSL-POST-25KV-PORC-TT-P	Insulator Post 25kV Porcelain Tie Top	$100.35	$249.05	$0.00	$0.00	$0.00	$0.00
I	2	INSL-SP-SEC-PORC-P	Insulator Spool Secondary/Neutral Porcelain	$3.20	$0.00	$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	$47.03	$83.44	$0.00	$0.00	$0.00	$0.00
I	1	LEAD-EQ-2-CU-COVER-P	Lead Equipment 2 Copper Covered	$13.84	$1.69	$0.00	$0.00	$0.00	$0.00
I	1	LFIX-RW-LED-50-GRAY-III-3000K-PUB-P	Light Fixture Roadway LED 50W Gray Type III 3000K Public	$104.00	$86.68	$0.00	$0.00	$0.00	$0.00
I	4107.64	OADD-1DOLLAR-P	DEP Adder Misc - Adder $1 dollar of cost	$0.00	$1.69	$0.00	$0.00	$4,107.64	$0.00
I	69.36	OADD-1MH-P	DEP Adder-OH - Labor Adder 1 Man Hour	$0.00	$6,909.64	$0.00	$0.00	$0.00	$0.00
I	5	OADD-LIM-ACCESS-P	DEP Adder-OH - OH Adder Limited access (per location)	$0.00	$3,402.00	$0.00	$0.00	$0.00	$0.00
I	7	OLAB-SEC-ATTACH-DE-P	OH Labor Secondary Wire attach dead end	$0.00	$418.39	$0.00	$0.00	$0.00	$0.00
I	1	OLAB-SEC/NEU-HDWR-P	OH Labor for Secondary or Neutral Insulator hardware or Anti Split out bolt	$0.00	$33.87	$0.00	$0.00	$0.00	$0.00
I	6	OLAB-WIRE-LAYOUT-SM-P	OH Labor Temporary Wire layout while reconductoring existing primary/netural wire up to 2/0 (per attachment)	$0.00	$624.63	$0.00	$0.00	$0.00	$0.00
I	2	POLE-EXISTING-P	DEP GIS Correction or Update Pole existing or foreign owned	$0.00	$3.98	$0.00	$0.00	$0.00	$0.00
I	5	POLE-WD-45-C4-P	(UOP) 45ft long Class 4 Wood Pole with CCA Finish	$1,700.40	$3,666.00	$0.00	$0.00	$0.00	$0.00
I	4	TIE-HAND-4-AL-P	Tie Hand 4 AL	$5.64	$6.76	$0.00	$0.00	$0.00	$0.00
I	1	TIE-SPOOL-1/0-AL-P	Tie Spool 1/0 AL	$2.72	$1.69	$0.00	$0.00	$0.00	$0.00
I	1	TIE-TOP-1/0-AL-FNECK-P	Tie Top 1/0 AL F Neck	$3.24	$1.69	$0.00	$0.00	$0.00	$0.00
I	1096.38	WIRE-PRI-1/0-AAAC-P	(UOP) 1/0 AAAC Bare Overhead Wire with 7 Strands	$313.44	$1,745.36	$0.00	$0.00	$0.00	$0.00
R	3 [0]	ANCH-PISA-SM-P	Anchor Power Installed Screw Anchor 8in 6000LB with 3/4in diameter x 7ft long rod [$45.54]	$0.00	$0.00	$239.10	$0.00	$0.00	$0.00
R	1 [0]	BKT-EM-POLE-1P-FG-P	Bracket Equipment Mount Pole Single Phase Fiberglass [$48.73]	$0.00	$0.00	$28.89	$0.00	$0.00	$0.00
R	4 [0]	BKT-INSL-POST-PTOP-STL-P	Bracket insulator post pole top steel [$32.23]	$0.00	$0.00	$123.52	$0.00	$0.00	$0.00
R	4 [0]	CLAMP-DE-SM-P	REPLACED WITH NEW CUs: CLAMP-PRI-DE-6-4/0-P or CLAMP-NEU/SEC-DE-6-4/0-P. Clamp dead end 4/0AL-6CU [$18.02]	$0.00	$0.00	$3.38	$0.00	$0.00	$0.00
R	1 [0]	CONN-OH-HLC-2/0CU-8CUSOL-P	Connector OH Hot Line Clamp 2/0CU-8CUSOL Line to 2/0CU-8CUSOL Tap [$12.33]	$0.00	$0.00	$1.69	$0.00	$0.00	$0.00
R	1 [0]	CONN-OH-STRP-COMP-1/0AL-P	Connector OH Stirrup Compression 1/0AL Line [$9.65]	$0.00	$0.00	$1.69	$0.00	$0.00	$0.00
R	1 [0]	FUSE-CUTOUT-100-27KV-POLY-LINE-P	(UOP) LINE PROTECTION ONLY: 27kV 100A Non-Loadbreak Fuse Cutout with Polymer Insulator (Mapable) [$138.39]	$0.00	$0.00	$70.73	$0.00	$0.00	$0.00

R	1 [0]	FUSE-LINK-25-S-P	Fuse Link 25 S/IS/KS/MS [$2.86]	$0.00	$0.00	$1.99	$0.00	$0.00	$0.00
R	5 [0]	GUY-DOWN-3/8IN-GALV-SGL-P	Guy Down Guy 3/8 in diameter Galvanized Single [$37.96]	$0.00	$0.00	$325.75	$0.00	$0.00	$0.00
R	7 [0]	GUY-HOOK-P	Guy Hook for use on Wood Poles [$16.70]	$0.00	$0.00	$6.76	$0.00	$0.00	$0.00
R	3 [0]	GUY-INSL-7FT-FG-P	Guy Insulator 7ft Fiberglass [$27.90]	$0.00	$0.00	$89.67	$0.00	$0.00	$0.00
R	1 [0]	GUY-SPAN-3/8IN-GALV-ATTACH-P	Guy Span 3/8 in diameter Galvanized Attach [$25.91]	$0.00	$0.00	$26.90	$0.00	$0.00	$0.00
R	264.02 [0]	GUY-SPAN-3/8IN-GALV-WIRE-P	Guy Span 3/8 in diameter Galvanized Wire [$0.49]	$0.00	$0.00	$256.02	$0.00	$0.00	$0.00
R	3 [0]	HDWR-EYEBOLT-SM-10IN-GALV-P	Hardware Eye Bolt 5/8in diameter 10in long Galvanized Steel [$4.29]	$0.00	$0.00	$5.97	$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 [$4.80]	$0.00	$0.00	$3.98	$0.00	$0.00	$0.00
R	4 [0]	HDWR-EYENUT-SM-GALV-P	Hardware Eye Nut 5/8in diameter Galvanized Steel [$2.40]	$0.00	$0.00	$5.97	$0.00	$0.00	$0.00
R	2 [0]	HDWR-MACH-SM-10IN-GALV-P	Hardware Machine Bolt 5/8in diameter 10in long Galvanized Steel [$1.65]	$0.00	$0.00	$1.99	$0.00	$0.00	$0.00
R	4 [0]	HDWR-SP-SM-12IN-GALV-P	Hardware Spool Bolt 5/8in diameter 12in long Galvanized Steel [$10.51]	$0.00	$0.00	$7.96	$0.00	$0.00	$0.00
R	4 [0]	INSL-DE/S-35KV-POLY-P	Insulator Dead End/Suspension 35kV Polymer [$20.21]	$0.00	$0.00	$306.83	$0.00	$0.00	$0.00
R	5 [0]	INSL-POST-25KV-PORC-TT-P	Insulator Post 25kV Porcelain Tie Top [$20.77]	$0.00	$0.00	$154.40	$0.00	$0.00	$0.00
R	1 [0]	INSL-STUD-STL-10IN-THD-P	Insulator Stud Steel 5/8in by 10in Long Threaded [$9.04]	$0.00	$0.00	$1.69	$0.00	$0.00	$0.00
R	1 [0]	LBKT-SIDE-6FT-GALV-WD-PUB-P	Light Bracket Side Mount 6ft long Galvanized Finish for Wood Pole Public [$34.27]	$0.00	$0.00	$41.32	$0.00	$0.00	$0.00
R	1 [0]	LEAD-EQ-2-CU-COVER-P	Lead Equipment 2 Copper Covered [$14.91]	$0.00	$0.00	$1.69	$0.00	$0.00	$0.00
R	1 [0]	LFIX-RW-LED-50-GRAY-III-3000K-PUB-P	Light Fixture Roadway LED 50W Gray Type III 3000K Public [$109.34]	$0.00	$0.00	$37.26	$0.00	$0.00	$0.00
R	2 [0]	OADD-POLE-CUTOFF-WD-P	DEP Adder-OH - OH Adder Pole cut off without cap for wood pole (per pole) [$0.00]	$0.00	$0.00	$129.50	$0.00	$0.00	$0.00
R	2 [0]	OLAB-POLE-PULL-STUB-P	OH Labor Pole pull stub (per pole) [$0.00]	$0.00	$0.00	$135.74	$0.00	$0.00	$0.00
R	2 [0]	OLAB-SEC-ATTACH-DE-P	OH Labor Secondary Wire attach dead end [$0.00]	$0.00	$0.00	$77.70	$0.00	$0.00	$0.00
R	3 [0]	OLAB-SEC/NEU-HDWR-P	OH Labor for Secondary or Neutral Insulator hardware or Anti Split out bolt [$0.00]	$0.00	$0.00	$59.76	$0.00	$0.00	$0.00
R	3 [0]	POLE-WD-40-C5-P	(UOP) 40ft long Class 5 Wood Pole with CCA Finish [$210.15]	$0.00	$0.00	$992.22	$0.00	$0.00	$0.00
R	1 [0]	TIE-COMP-2-COV-FNECK-P	Tie Composite #2 [$17.40]	$0.00	$0.00	$1.69	$0.00	$0.00	$0.00
R	1 [0]	TIE-HAND-4-AL-P	Tie Hand 4 AL [$1.41]	$0.00	$0.00	$1.69	$0.00	$0.00	$0.00
R	3 [0]	TIE-SPOOL-1/0-AL-P	Tie Spool 1/0 AL [$2.65]	$0.00	$0.00	$5.07	$0.00	$0.00	$0.00
R	3 [0]	TIE-TOP-1/0-AL-FNECK-P	Tie Top 1/0 AL F Neck [$3.15]	$0.00	$0.00	$5.07	$0.00	$0.00	$0.00
R	681.51 [0]	WIRE-PRI-1/0-AAAC-P	(UOP) 1/0 AAAC Bare Overhead Wire with 7 Strands [$0.31]	$0.00	$0.00	$656.49	$0.00	$0.00	$0.00
R	453.51 [0]	WIRE-PRI-2-AAAC-P	(UOP) #2 AAAC Bare Overhead Wire with 7 Strands [$0.20]	$0.00	$0.00	$437.33	$0.00	$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	$119.54	$0.00	$0.00
T	4	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	$183.30	$0.00	$0.00
Totals:				$4,929.27	$22,625.75	$4,247.41	$302.84	$41,728.91	$0.00
Overhead Costs:								$10,014.94	
				$956.28	$5,430.18	$1,019.38	$72.68		
Total Materials:									
				$5,885.55					
Total Labor:									
					$28,055.93	$5,266.79	$375.52		
Total Install Cost:									
				$33,941.48					
Total Removal Cost:									
				$5,266.79					
Total Transfer Cost:									
				$375.52					
Total Salvage Value:									$0.00

Total Gross Up:	$12,096.63	**Total Install Man Hours:**	227.52
		Total Remove Man Hours:	43.14
		Total Transfer Man Hours:	3.04

Total Project Cost: **$103,424.27**

Show Report Criteria

SAFETYFirst
▷ PERSONAL ACCOUNTABILITY
▷ ACTIVE CARING
▷ HAZARD RECOGNITION

USP:
USP: AØ 65K Fuse at Intersection of Tomahawk Ave
USP: 9th St., Black Mountain, NC 28711
USP: ID: 428802701
USP:

CIRCLE FOR SAFETY — DUKE ENERGY

Safety Reminders / Adverse Conditions

?: WORK ZONE BESIDE GOLF COURSE
?: FLAGGING REQUIRED
?: CIRCLE OF SAFETY
?: WEAR PROPER PPE

Work Zone General Comments:
MEDIUM TRAFFIC PEDESTRIAN AND VEHICLE

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.

P1 45/4 BX56BZ
POLE EXISTING

P2 45/4 AWB22 19°
R: 40/5
R:1Ø TL
I:45/4
I: 1Ø DDE
I: DBL DGUY (23' GL)

P3 40/5 CE58BZ
R: 40/5
R:1Ø TL
R:1Ø DE TAP FUSED (25KS)
R: AØ FUSE 25KS
R:SGL DGUY

P4 45/4 CE59BZ
R: 40/5
R: 1Ø DDE
R: OWS DE FROM P8
R: 2/3 TPX TO DEMAND POINT
R: DBL DGUY
I: 45/4
I: 1Ø DDE
I: OWS DE FROM P8
I: 2/3 TPX TO DEMAND POINT
I: DBL DGUY (12' GL)

P5 45/4 11° CE19BZ
R: 40/5
R:1Ø TL
R: 1Ø DE TAP
R: #4 TPX TO P6
R: DBL DGUY
R: 50W LED S/L 6' BKT
R: SGL SGUY TO P7
I: 45/4
I: 1Ø DDE
I: 1Ø DE TAP
I: #4 TPX TO P6
I: DBL DGUY (12' GL)
I: DBL DGUY (21' GL)
I: 50W LED S/L 6' BKT

P6 45/4 CE15BZ
POLE EXISTING

P7 45/4 CE20BZ
POLE EXISTING

P8 40/5 CE60BZ
POLE EXISTING

P9 45/4 19° 2LBL14
I: 45/4
I: 1Ø DDE
I: DBL DGUY (26' GL)

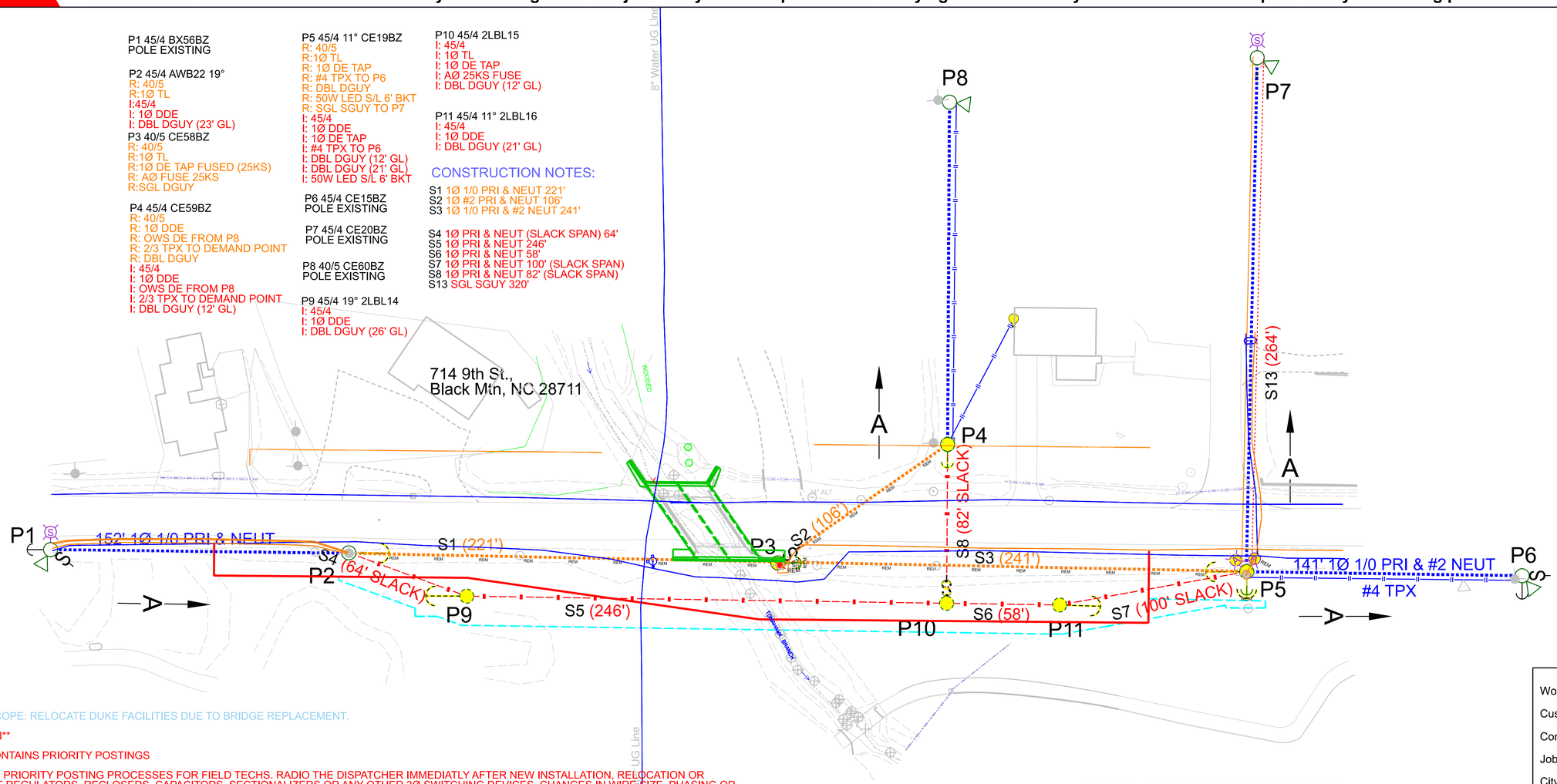
P10 45/4 2LBL15
I: 45/4
I: 1Ø TL
I: 1Ø DE TAP
I: AØ 25KS FUSE
I: DBL DGUY (12' GL)

P11 45/4 11° 2LBL16
I: 45/4
I: 1Ø DDE
I: DBL DGUY (21' GL)

CONSTRUCTION NOTES:

S1 1Ø 1/0 PRI & NEUT 221'
S2 1Ø #2 PRI & NEUT 106'
S3 1Ø 1/0 PRI & #2 NEUT 241'

S4 1Ø PRI & NEUT (SLACK SPAN) 64'
S5 1Ø PRI & NEUT 246'
S6 1Ø PRI & NEUT 58'
S7 1Ø PRI & NEUT 100' (SLACK SPAN)
S8 1Ø PRI & NEUT 82' (SLACK SPAN)
S13 SGL SGUY 320'



PROJECT SCOPE: RELOCATE DUKE FACILITIES DUE TO BRIDGE REPLACEMENT.

ATTENTION

THIS JOB CONTAINS PRIORITY POSTINGS

FOLLOW GIS PRIORITY POSTING PROCESSES FOR FIELD TECHS. RADIO THE DISPATCHER IMMEDIATLY AFTER NEW INSTALLATION, RELOCATION OR REMOVAL OF REGULATORS, RECLOSERS, CAPACITORS, SECTIONALIZERS OR ANY OTHER 3Ø SWITCHING DEVICES, CHANGES IN WIRE SIZE, PHASING OR LOAD TRANSFERS, UNDERGROUND PERMANENT LOAD SWITCHING, INSTALLATION, REMOVAL, ENERGIZING OR DE-ENERGIZING OF BACKBONE FEEDERS. COMPLETION OF ANY SECTIONALIZATION PROJECT.

**MOVE TXs AND TAPS TO PHASES AS NOTED, OTHERWISE

LEAVE ON EXISTING PHASE.

**MAINTAIN MINIMUM OF 18' CLEARANCE OVER ALL ROADS ON ALL NEUTRAL AND SECONDARY CONDUCTORS CROSSINGS.

**ALL GUY LEADS SHOULD MEET CURRENT DUKE SPEC UNLESS OTHERWISE NOTED.

**RETROFIT ALL DEVICES AS NEEDED WITH COUTOUTS, ARRESTERS, AND WILDLIFE GUARDS.

**INSTALL FIBERGLASS GUY INSULATORS ON ALL PRIMARY GUYS.

**INSTALL/UPDATE ALL FUSE TAGS.

FIELD ID TAGS NEED TO BE ADDED TO POLES*POLE IDs ARE LISTED FOR EACH POLE***

If needed, add:

**THIS JOB CONTAINS TIES BETWEEN DIFFERENT CIRCUITS! **

**PHASING HAS NOT BEEN VERIFIED! PHASING WILL NEED TO BE VERIFIED BEFORE TIES ARE COMPLETED! **

SET POLE (DETERMINED BY POLE SIZE) 10% + 2' PER DUKE STANDARDS

CHARGING WID'S

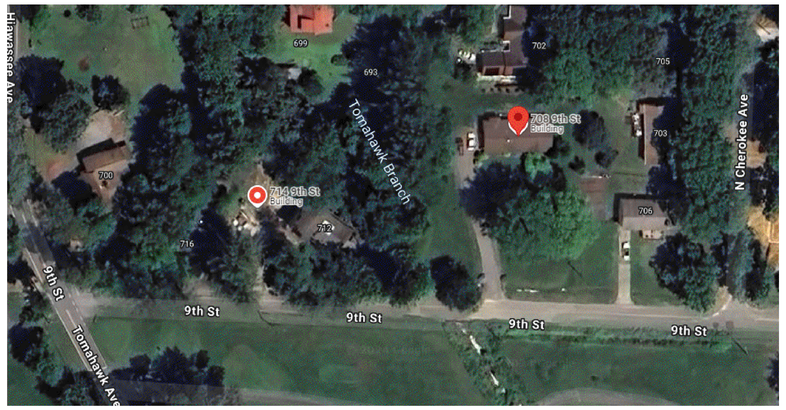
-ACTIVE INSTALL-MX0467037-I

-ACTIVE REMOVE-MX0467037-R

-ACTIVE TRANSFER-MX0467037-X

TREE TRIMMING CHARGE TO ACTIVITY I

714 9th. St, BLACK MOUNTAIN, NC



Work Order Number	50467037
Customer/Contact	Raymond Veilleux
Contact Phone	864.908.5478
Job Site Address	714 9th St
City	BLACK MOUNTAIN
County	BUNCOMBE
State, Zip	NC, 28711
Designer	BRODY MIERS
Designer Phone	864-908-5478
Circuit ID	T0810B02
Primary Voltage	12.47/7.2kV
Permit Required	Yes___ No*___
Permit Type/No.	
Permit Type/No. 2	
Permit Type/No. 3	
Revision Date	1-21-2025

DUKE ENERGY®

Sheet 1 OF 1
Scale = 1"=30'