



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

JOSH STEIN  
GOVERNOR

DANIEL H. JOHNSON  
SECRETARY

February 06, 2026

**Addendum No. 2**

RE: Contract # C205036

WBS # 44367.3.1

STATE FUNDED

**Robeson County (U-5797)**

SR-1997 (FAYETTEVILLE RD) FROM FARRINGDOM ST TO EAST 22ND ST

**February 17, 2026 Letting**

To Whom It May Concern:

Reference is made to the proposal furnished to you on this project.

The following revisions have been made to the proposal:

<b>Page No.</b>	<b>Revision</b>
Proposal Cover	Note added that reads "Includes Addendum No. 2 Dated 02-06-2026"
R-44, (New) R-45 thru (New) R-52	The PROJECT SPECIAL PROVISION entitled <b><u>FOUNDATIONS AND ANCHOR ROD ASSEMBLIES FOR METAL POLES</u></b> has been added. The PROJECT SPECIAL PROVISION entitled <b><u>OVERHEAD AND DYNAMIC MESSAGE SIGN FOUNDATIONS</u></b> has been added.

Please void the above listed existing Pages in your proposal and staple the revised Pages thereto. Staple New pages R-45 thru R-52 after revised Page R-44 in your proposal.

On the item sheets the following pay item revision has been made:

<b><u>Item</u></b>	<b><u>Description</u></b>	<b><u>Old Quantity</u></b>	<b><u>New Quantity</u></b>
0266 - 4057000000-E SP	OVERHEAD FOOTING	NEW ITEM	45 CY

Mailing Address:  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT  
1591 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900  
Fax: (919) 250-4127  
Customer Service: 1-877-368-4968

Website: [www.ncdot.gov](http://www.ncdot.gov)

Location:  
1020 BIRCH RIDGE DR.  
RALEIGH, NC 27610

The Contractor's bid must include this pay item revision.

The electronic bidding file has been updated to reflect this revision. Please download the Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

The contract will be prepared accordingly.

Sincerely,

Signed by:  
  
52C46046381F443...

Ronald E. Davenport, Jr., PE  
State Contract Officer

RED/jjr  
Attachments

cc:	Mr. Wiley W. Jones III, PE	Mr. Forrest Dungan, PE
	Mr. Wallace "Lee" Jernigan, Jr., PE	Ms. Jaci Kincaid
	Mr. Ken Kennedy, PE	Mr. Jon Weathersbee, PE
	Mr. Malcolm Bell	Project File (2)

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH, N.C.

PROPOSAL

**INCLUDES ADDENDUM No.2 DATED 02-06-2026**

DATE AND TIME OF BID OPENING: **Feb 17, 2026 AT 02:00 PM**

CONTRACT ID C205036

WBS 44367.3.1

FEDERAL-AID NO. STATE FUNDED

COUNTY ROBESON

T.I.P NO. U-5797

MILES 1.304

ROUTE NO. SR-1997

LOCATION SR-1997 (FAYETTEVILLE RD) FROM FARRINGDOM ST TO EAST 22ND ST.

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.

**NOTICE:**

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

**BIDS WILL BE RECEIVED AS SHOWN BELOW:**

**THIS IS A ROADWAY & CULVERT PROPOSAL**

**5% BID BOND OR BID DEPOSIT REQUIRED**

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*Wattle Barrier* will be measured and paid as the actual number of linear feet of wattle barrier installed and accepted. Such price and payment will be full compensation for all work covered by this provision, including, but not limited to, furnishing all materials, labor, equipment and incidentals necessary to install the *Wattle Barrier*.

*Coir Fiber Wattle Barrier* will be measured and paid as the actual number of linear feet of coir fiber wattle barrier installed and accepted. Such price and payment will be full compensation for all work covered by this provision, including, but not limited to, furnishing all materials, labor, equipment and incidentals necessary to install the *Coir Fiber Wattle Barrier*.

**Page 16-25, Article 1642-5 MEASUREMENT AND PAYMENT, after line 9, delete and replace “\_\_\_ Wattle Check” with “Wattle”.**

**Page 16-25, Article 1642-5 MEASUREMENT AND PAYMENT, after line 9, delete and replace “\_\_\_ Wattle Barrier” with “Wattle Barrier”.**

**Page 16-25, Article 1642-5 MEASUREMENT AND PAYMENT, after line 9, add the following:**

<b>Pay Item</b>	<b>Pay Unit</b>
Coir Fiber Wattle	Linear Foot
Coir Fiber Wattle Barrier	Linear Foot

### **FOUNDATIONS AND ANCHOR ROD ASSEMBLIES FOR METAL POLES:**

(1-17-12)(Rev. 1-16-24)

9, 14, 17

SP9 R05

#### **Description**

Foundations for metal poles include foundations for signals, cameras, overhead and dynamic message signs (DMS) and high mount and light standards supported by metal poles or upright trusses. Foundations consist of footings with pedestals and drilled piers with or without grade beams or wings. Anchor rod assemblies consist of anchor rods (also called anchor bolts) with nuts and washers on the exposed ends of rods and nuts and a plate or washers on the other ends of rods embedded in the foundation.

Construct concrete foundations with the required resistances and dimensions and install anchor rod assemblies in accordance with the contract and accepted submittals. Construct drilled piers consisting of cast-in-place reinforced concrete cylindrical sections in excavated holes. Provide temporary casings or polymer slurry as needed to stabilize drilled pier excavations. Use a prequalified Drilled Pier Contractor to construct drilled piers for metal poles. Define “excavation” and “hole” as a drilled pier excavation and “pier” as a drilled pier.

This provision does not apply to foundations for signal pedestals; see Section 1743 of the *Standard Specifications* and Roadway Standard Drawing No. 1743.01.

#### **Materials**

Refer to the *Standard Specifications*.

Item	Section
Conduit	1091-3
Grout, Type 2	1003
Polymer Slurry	411-2(B)(2)
Portland Cement Concrete	1000
Reinforcing Steel	1070
Rollers and Chairs	411-2(C)
Temporary Casings	411-2(A)

Provide Type 3 material certifications in accordance with Article 106-3 of the *Standard Specifications* for conduit, rollers, chairs and anchor rod assemblies. Store steel materials on blocking at least 12" above the ground and protect it at all times from damage; and when placing in the work make sure it is free from dirt, dust, loose mill scale, loose rust, paint, oil or other foreign materials. Load, transport, unload and store foundation and anchor rod assembly materials so materials are kept clean and free of damage. Bent, damaged or defective materials will be rejected.

Use conduit type in accordance with the contract. Use Class A concrete for footings and pedestals, Class Drilled Pier concrete for drilled piers and Class AA concrete for grade beams and wings including portions of drilled piers above bottom of wings elevations. Corrugated temporary casings may be accepted at the discretion of the Engineer. A list of approved polymer slurry products is available from:

[connect.ncdot.gov/resources/Geological/Pages/Products.aspx](http://connect.ncdot.gov/resources/Geological/Pages/Products.aspx)

Provide anchor rod assemblies in accordance with the contract consisting of the following:

- (A) Straight anchor rods,
- (B) Heavy hex top and leveling nuts and flat washers on exposed ends of rods, and
- (C) Nuts and either flat plates or washers on the other ends of anchor rods embedded in foundations.

Do not use lock washers. Use steel anchor rods, nuts and washers that meet ASTM F1554 for Grade 55 rods and Grade A nuts. Use steel plates and washers embedded in concrete with a thickness of at least 1/4". Galvanize anchor rods and exposed nuts and washers in accordance with Article 1076-4 of the *Standard Specifications*. It is not necessary to galvanize nuts, plates and washers embedded in concrete.

### Construction Methods

Install the required size and number of conduits in foundations in accordance with the plans and accepted submittals. Construct top of piers, footings, pedestals, grade beams and wings flat, level and within 1" of elevations shown in the plans or approved by the Engineer. Provide an Ordinary Surface finish in accordance with Subarticle 825-6(B) of the *Standard Specifications* for portions of foundations exposed above finished grade. Do not remove anchor bolt templates

or pedestal or grade beam forms or erect metal poles or upright trusses onto foundations until concrete attains a compressive strength of at least 3,000 psi.

(A) Drilled Piers

Before starting drilled pier construction, hold a predrill meeting to discuss the installation, monitoring and inspection of the drilled piers. Schedule this meeting after the Drilled Pier Contractor has mobilized to the site. The Resident or Division Traffic Engineer, Contractor and Drilled Pier Contractor Superintendent will attend this predrill meeting.

Do not excavate holes, install piles or allow equipment wheel loads or vibrations within 20 ft of completed piers until 16 hours after Drilled Pier concrete reaches initial set.

Check for correct drilled pier alignment and location before beginning drilling. Check plumbness of holes frequently during drilling.

Construct drilled piers with the minimum required diameters shown in the plans. Install piers with tip elevations no higher than shown in the plans or approved by the Engineer.

Excavate holes with equipment of the sizes required to construct drilled piers. Depending on the subsurface conditions encountered, drilling through rock and boulders may be required. Do not use blasting for drilled pier excavations.

Contain and dispose of drilling spoils and waste concrete as directed and in accordance with Section 802 of the *Standard Specifications*. Drilling spoils consist of all materials and fluids removed from excavations.

If unstable, caving or sloughing materials are anticipated or encountered, stabilize holes with temporary casings and/or polymer slurry. Do not use telescoping temporary casings. If it becomes necessary to replace a temporary casing during drilling, backfill the excavation, insert a larger casing around the casing to be replaced or stabilize the excavation with polymer slurry before removing the temporary casing.

If temporary casings become stuck or the Contractor proposes leaving casings in place, temporary casings should be installed against undisturbed material. Unless otherwise approved, do not leave temporary casings in place for mast arm poles and cantilever signs. The Engineer will determine if casings may remain in place. If the Contractor proposes leaving temporary casings in place, do not begin drilling until a casing installation method is approved.

Use polymer slurry and additives to stabilize holes in accordance with the slurry manufacturer's recommendations. Provide mixing water and equipment suitable for polymer slurry. Maintain the required slurry properties at all times except for sand content.

Define a “sample set” as slurry samples collected from mid-height and within 2 ft of the bottom of holes. Take sample sets from excavations to test polymer slurry immediately after filling holes with slurry, at least every 4 hours thereafter and immediately before placing concrete. Do not place Drilled Pier concrete until both slurry samples from an excavation meet the required polymer slurry properties. If any slurry test results do not meet the requirements, the Engineer may suspend drilling until both samples from a sample set meet the required polymer slurry properties.

Remove soft and loose material from bottom of holes using augers to the satisfaction of the Engineer. Assemble rebar cages and place cages and Drilled Pier concrete in accordance with Subarticle 411-4(E) of the *Standard Specifications* except for the following:

- (1) Inspections for tip resistance and bottom cleanliness are not required,
- (2) Temporary casings may remain in place if approved, and
- (3) Concrete placement may be paused near the top of pier elevations for anchor rod assembly installation and conduit placement or
- (4) If applicable, concrete placement may be stopped at bottom of grade beam or wings elevations for grade beam or wing construction.

If wet placement of concrete is anticipated or encountered, do not place Drilled Pier concrete until a concrete placement procedure is approved. If applicable, temporary casings and fluids may be removed when concrete placement is paused or stopped in accordance with the exceptions above provided holes are stable. Remove contaminated concrete from exposed Drilled Pier concrete after removing casings and fluids. If holes are unstable, do not remove temporary casings until a procedure for placing anchor rod assemblies and conduit or constructing grade beams or wings is approved.

Use collars to extend drilled piers above finished grade. Remove collars after Drilled Pier concrete sets and round top edges of piers.

If drilled piers are questionable, pile integrity testing (PIT) and further investigation may be required in accordance with Article 411-5 of the *Standard Specifications*. A drilled pier will be considered defective in accordance with Subarticle 411-5(D) of the *Standard Specifications* and drilled pier acceptance is based in part on the criteria in Article 411-6 of the *Standard Specifications* except for the top of pier tolerances in Subarticle 411-6(C) of the *Standard Specifications*.

If a drilled pier is under further investigation, do not grout core holes, backfill around the pier or perform any work on the drilled pier until the Engineer accepts the pier. If the drilled pier is accepted, dewater and grout core holes and backfill around the pier with approved material to finished grade. If the Engineer determines a pier is unacceptable, remediation is required in accordance with Article 411-6 of the *Standard Specifications*. No extension of completion date or time will be allowed for remediation of unacceptable drilled piers or post repair testing.

Permanently embed a plate in or mark top of piers with the pier diameter and depth, size and number of vertical reinforcing bars and the minimum compressive strength of the concrete mix at 28 days.

(B) Footings, Pedestals, Grade Beams and Wings

Excavate as necessary for footings, grade beams and wings in accordance with the plans, accepted submittals and Section 410 of the *Standard Specifications*. If unstable, caving or sloughing materials are anticipated or encountered, shore foundation excavations as needed with an approved method. Notify the Engineer when foundation excavation is complete. Do not place concrete or reinforcing steel until excavation dimensions and foundation material are approved.

Construct cast-in-place reinforced concrete footings, pedestals, grade beams and wings with the dimensions shown in the plans and in accordance with Section 825 of the *Standard Specifications*. Use forms to construct portions of pedestals and grade beams protruding above finished grade. Provide a chamfer with a 3/4" horizontal width for pedestal and grade beam edges exposed above finished grade. Place concrete against undisturbed soil or backfill and fill in accordance with Article 410-8 of the *Standard Specifications*. Proper compaction around footings and wings is critical for foundations to resist uplift and torsion forces.

(C) Anchor Rod Assemblies

Size anchor rods for design and the required projection above top of foundations. Determine required anchor rod projections from nut, washer and base plate thicknesses, the protrusion of 3 to 5 anchor rod threads above top nuts after tightening and the distance of one nut thickness between top of foundations and bottom of leveling nuts.

Protect anchor rod threads from damage during storage and installation of anchor rod assemblies. Before placing anchor rods in foundations, turn nuts onto and off rods past leveling nut locations. Turn nuts with the effort of one workman using an ordinary wrench without a cheater bar. Report any thread damage to the Engineer that requires extra effort to turn nuts.

Arrange anchor rods symmetrically about center of base plate locations as shown in the plans. Set anchor rod elevations based on required projections above top of foundations. Securely brace and hold rods in the correct position, orientation and alignment with a steel template. Do not weld to reinforcing steel, temporary casings or anchor rods.

Install top and leveling (bottom) nuts, washers and the base plate for each anchor rod assembly in accordance with the following procedure:

- (1) Turn leveling nuts onto anchor rods to a distance of one nut thickness between the top of foundation and bottom of leveling nuts. Place washers over anchor rods on top of leveling nuts.
- (2) Determine if nuts are level using a flat rigid template on top of washers. If necessary, lower leveling nuts to level the template in all directions or

if applicable, lower nuts to tilt the template so the metal pole or upright truss will lean as shown in the plans. If leveling nuts and washers are not in full contact with the template, replace washers with galvanized beveled washers.

- (3) Verify the distance between the foundation and leveling nuts is no more than one nut thickness.
- (4) Place base plate with metal pole or upright truss over anchor rods on top of washers. High mount luminaires may be attached before erecting metal poles but do not attach cables, mast arms or trusses to metal poles or upright trusses at this time.
- (5) Place washers over anchor rods on top of base plate. Lubricate top nut bearing surfaces and exposed anchor rod threads above washers with beeswax, paraffin or other approved lubricant.
- (6) Turn top nuts onto anchor rods. If nuts are not in full contact with washers or washers are not in full contact with the base plate, replace washers with galvanized beveled washers.
- (7) Tighten top nuts to snug-tight with the full effort of one workman using a 12" wrench. Do not tighten any nut all at once. Turn top nuts in increments. Follow a star pattern cycling through each nut at least twice.
- (8) Repeat (7) for leveling nuts.
- (9) Replace washers above and below the base plate with galvanized beveled washers if the slope of any base plate face exceeds 1:20 (5%), any washer is not in firm contact with the base plate or any nut is not in firm contact with a washer. If any washers are replaced, repeat (7) and (8).
- (10) With top and leveling nuts snug-tight, mark each top nut on a corner at the intersection of 2 flats and a corresponding reference mark on the base plate. Mark top nuts and base plate with ink or paint that is not water-soluble. Use the turn-of-nut method for pretensioning. Do not pretension any nut all at once. Turn top nuts in increments for a total turn that meets the following nut rotation requirements:

<b>NUT ROTATION REQUIREMENTS (Turn-of-Nut Pretensioning Method)</b>	
<b>Anchor Rod Diameter, inch</b>	<b>Requirement</b>
$\leq 1 \frac{1}{2}$	1/3 turn (2 flats)
$> 1 \frac{1}{2}$	1/6 turn (1 flat)

Follow a star pattern cycling through each top nut at least twice.

- (11) Ensure nuts, washers and base plate are in firm contact with each other for each anchor rod. Cables, mast arms and trusses may now be attached to metal poles and upright trusses.
- (12) Between 4 and 14 days after pretensioning top nuts, use a torque wrench calibrated within the last 12 months to check nuts in the presence of the Engineer. Completely erect mast arm poles and cantilever signs and attach any hardware before checking top nuts for these structures. Check that top nuts meet the following torque requirements:

<b>TORQUE REQUIREMENTS</b>	
<b>Anchor Rod Diameter, inch</b>	<b>Requirement, ft-lb</b>
7/8	180

1	270
1 1/8	380
1 1/4	420
$\geq 1\ 1/2$	600

If necessary, retighten top nuts in the presence of the Engineer with a calibrated torque wrench to within  $\pm 10$  ft-lb of the required torque. Do not overtighten top nuts.

- (13) Do not grout under base plate.

### Measurement and Payment

Foundations and anchor rod assemblies for metal poles and upright trusses will be measured and paid for elsewhere in the contract.

No payment will be made for temporary casings that remain in drilled pier excavations. No payment will be made for PIT. No payment will be made for further investigation of defective piers. Further investigation of piers that are not defective will be paid as extra work in accordance with Article 104-7 of the *Standard Specifications*. No payment will be made for remediation of unacceptable drilled piers or post repair testing.

### **OVERHEAD AND DYNAMIC MESSAGE SIGN FOUNDATIONS:**

(1-16-18)(Rev. 1-16-24)

SP9 R07

#### Description

Sign foundations include foundations for overhead and dynamic message signs (DMS) supported by metal poles or upright trusses. Sign foundations consist of footings with pedestals or drilled piers with or without grade beams or wings, conduit and anchor rod assemblies. Construct sign foundations in accordance with the contract and accepted submittals. Define “cantilever sign” as an overhead cantilever sign support in accordance with Figure 1-1 of the *AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals*.

#### Materials

Use sign foundation materials that meet the *Foundations and Anchor Rod Assemblies for Metal Poles* provision.

#### Subsurface Conditions

Assume the following soil parameters and groundwater elevation for sign foundations unless these subsurface conditions are not applicable to sign locations:

- (A) Unit weight ( $\gamma$ ) = 120 pcf,
- (B) Friction angle ( $\phi$ ) = 30°,
- (C) Cohesion ( $c$ ) = 0 psf and
- (D) Groundwater 7 feet below finished grade.

A subsurface investigation is required if the Engineer determines these assumed subsurface conditions do not apply to a sign location and the sign cannot be moved. Subsurface conditions requiring a subsurface investigation include but are not limited to weathered or hard rock, boulders, very soft or loose soil, muck or shallow groundwater. No extension of completion date or time will be allowed for subsurface investigations.

### **Subsurface Investigations**

Use a prequalified geotechnical consultant to perform one standard penetration test (SPT) boring in accordance with ASTM D1586 at each sign location requiring a subsurface investigation. Rough grade sign locations to within 2 feet of finished grade before beginning drilling. Drill borings to 2 drilled pier diameters below anticipated pier tip elevations or refusal, whichever is higher.

Use the computer software gINT version V8i or later manufactured by Bentley Systems, Inc. with the current NCDOT gINT library and data template to produce SPT boring logs. Provide boring logs sealed by a geologist or engineer licensed in the state of North Carolina.

### **Sign Foundation Designs**

Design sign foundations for the wind zone and clearances shown in the plans and the slope of finished grade at each sign location. Use the assumed soil parameters and groundwater elevation above for sign foundation designs unless a subsurface investigation is required. For sign locations requiring a subsurface investigation, design sign foundations for the subsurface conditions at each sign location. Design footings, pedestals, drilled piers, grade beams and wings in accordance with the *AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals*. In some instances, conflicts with drainage structures may dictate sign foundation types.

Design footings in accordance with Section 4.4 of the *AASHTO Standard Specifications for Highway Bridges*. Do not use an allowable bearing pressure of more than 3,000 psf for footings. Design drilled piers for side resistance only in accordance with Section 4.6 of the *AASHTO Standard Specifications for Highway Bridges* except reduce ultimate side resistance by 25% for uplift. Use the computer software LPILE version 2016 or later manufactured by Ensoft, Inc. to analyze drilled piers. Provide drilled pier designs with a horizontal deflection of less than 1" at top of piers. For cantilever signs with single drilled pier foundations supporting metal poles, use wings to resist torsion forces. Provide drilled pier designs with a factor of safety of at least 2.0 for torsion.

For drilled pier sign foundations supporting upright trusses, use dual drilled piers connected with a grade beam having a moment of inertia approximately equal to that of either pier. The Broms' method is acceptable to analyze drilled piers with grade beams instead of LPILE. Use a safety factor of at least 3.5 for the Broms' design method in accordance with C13.6.1.1 of the *AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals*.

Submit boring logs, if any, working drawings and design calculations for acceptance in accordance with Article 105-2 of the *Standard Specifications*. Submit working drawings showing plan views, required foundation dimensions and elevations and typical sections with

reinforcement, conduit and anchor rod assembly details. Include all boring logs, design calculations and LPILE output for sign foundation design submittals. Have sign foundations designed, detailed and sealed by an engineer licensed in the state of North Carolina.

### **Construction Methods**

Construct footings, pedestals, drilled piers, grade beams and wings and install anchor rod assemblies for sign foundations in accordance with the *Foundations and Anchor Rod Assemblies for Metal Poles* provision.

### **Measurement and Payment**

*Overhead Footing* will be measured and paid in cubic yards. Sign foundations will be measured as the cubic yards of foundation concrete for footings, pedestals, drilled piers, grade beams and wings shown in the accepted submittals. The contract unit price for *Overhead Footings* will be full compensation for providing labor, tools, equipment and foundation materials, stabilizing or shoring excavations, supplying and placing concrete, reinforcing steel, conduit, anchor rod assemblies and any incidentals necessary to construct sign foundations. Subsurface investigations required by the Engineer will be paid as extra work in accordance with Article 104-7 of the *Standard Specifications*.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Overhead Footing	Cubic Yard

County: ROBESON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0043000000-N	226	GRADING	Lump Sum	L.S.	
0004	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR		
0005	0057000000-E	226	UNDERCUT EXCAVATION	850 CY		
0006	0134000000-E	240	DRAINAGE DITCH EXCAVATION	210 CY		
0007	0195000000-E	265	SELECT GRANULAR MATERIAL	800 CY		
0008	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	1,500 SY		
0009	0199000000-E	SP	TEMPORARY SHORING	15,500 SF		
0010	0255000000-E	SP	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	50 TON		
0011	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	2,180 TON		
0012	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	6,860 SY		
0013	0335400000-E	305	24" DRAINAGE PIPE	124 LF		
0014	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (12")	52 LF		
0015	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (60")	32 LF		
0016	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (72")	252 LF		
0017	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	9,916 LF		

County: ROBESON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	2,624 LF		
0019	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	4,302 LF		
0020	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	960 LF		
0021	0448600000-E	310	36" RC PIPE CULVERTS, CLASS IV	1,446 LF		
0022	0448700000-E	310	42" RC PIPE CULVERTS, CLASS IV	300 LF		
0023	0582000000-E	310	15" CS PIPE CULVERTS, 0.064" THICK	24 LF		
0024	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.250")	18 LF		
0025	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.250")	18 LF		
0026	0995000000-E	340	PIPE REMOVAL	6,385 LF		
0027	1099500000-E	505	SHALLOW UNDERCUT	3,000 CY		
0028	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	6,000 TON		
0029	1111000000-E	SP	CLASS IV AGGREGATE STABILIZATION	75 TON		
0030	1112000000-E	505	GEOTEXTILE FOR SUBGRADE STABILIZATION	9,000 SY		
0031	1220000000-E	545	INCIDENTAL STONE BASE	1,000 TON		
0032	1297000000-E	607	MILLING ASPHALT PAVEMENT, ***** DEPTH (3")	6,670 SY		
0033	1308000000-E	607	MILLING ASPHALT PAVEMENT, ***** TO ***** (0" TO 3")	1,580 SY		

County: ROBESON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0034	1330000000-E	607	INCIDENTAL MILLING	5,000 SY		
0035	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	16,470 TON		
0036	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	15,010 TON		
0037	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	17,950 TON		
0038	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	2,525 TON		
0039	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	3,850 TON		
0040	1891000000-E	SP	GENERIC PAVING ITEM 9" JOINTED CONCRETE TRUCK APRON	450 SY		
0041	2022000000-E	815	SUBDRAIN EXCAVATION	112 CY		
0042	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	500 SY		
0043	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	84 CY		
0044	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	500 LF		
0045	2070000000-N	815	SUBDRAIN PIPE OUTLET	1 EA		
0046	2077000000-E	815	6" OUTLET PIPE	6 LF		
0047	2190000000-N	828	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	3 EA		
0048	2253000000-E	840	PIPE COLLARS	5.085 CY		
0049	2264000000-E	840	PIPE PLUGS	0.486 CY		
0050	2275000000-E	SP	FLOWABLE FILL	115 CY		

County: ROBESON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	258 EA		
0052	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	22.948 CY		
0053	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	134.1 LF		
0054	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	42 EA		
0055	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	3 EA		
0056	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	3 EA		
0057	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	44 EA		
0058	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	67 EA		
0059	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	72 EA		
0060	2396000000-N	840	FRAME WITH COVER, STD 840.54	7 EA		
0061	2407000000-N	840	STEEL FRAME WITH TWO GRATES, STD 840.37	24 EA		
0062	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	36 EA		
0063	2535000000-E	846	*** X *** CONCRETE CURB (8" X 12")	100 LF		
0064	2535000000-E	846	*** X *** CONCRETE CURB (8" X 18")	180 LF		
0065	2538000000-E	846	***-*** CONCRETE CURB & GUTTER (2'-9")	360 LF		
0066	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	710 LF		
0067	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	22,400 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0068	2591000000-E	848	4" CONCRETE SIDEWALK	6,210 SY		
0069	2605000000-N	848	CONCRETE CURB RAMPS	83 EA		
0070	2612000000-E	848	6" CONCRETE DRIVEWAY	640 SY		
0071	2627000000-E	852	4" CONCRETE ISLAND COVER	600 SY		
0072	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	4,080 SY		
0073	2657000000-E	852	*** MONOLITHIC CONCRETE MEDIAN (****) (6", SURFACE MOUNTED)	110 SY		
0074	2752000000-E	SP	GENERIC PAVING ITEM 1'-10" ROLLED CURB AND GUTTER	295 LF		
0075	2800000000-N	858	ADJUSTMENT OF CATCH BASINS	1 EA		
0076	2815000000-N	858	ADJUSTMENT OF DROP INLETS	1 EA		
0077	3001000000-N	SP	IMPACT ATTENUATOR UNITS, TYPE TL-3	2 EA		
0078	3030000000-E	862	STEEL BEAM GUARDRAIL	1,875 LF		
0079	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	212.5 LF		
0080	3105000000-N	862	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	4 EA		
0081	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	10 EA		
0082	3195000000-N	862	GUARDRAIL END UNITS, TYPE AT-1	2 EA		
0083	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	6 EA		
0084	3287000000-N	862	GUARDRAIL END UNITS, TYPE TL-3	5 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0085	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	6 EA		
0086	3345000000-E	864	REMOVE & RESET EXISTING GUARDRAIL	369 LF		
0087	3360000000-E	863	REMOVE EXISTING GUARDRAIL	193.5 LF		
0088	3380000000-E	862	TEMPORARY STEEL BEAM GUARDRAIL	150 LF		
0089	3382000000-E	862	TEMPORARY STEEL BEAM GUARDRAIL, SHOP CURVED	50 LF		
0090	3389150000-N	862	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (AT-1)	1 EA		
0091	3389150000-N	862	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)	1 EA		
0092	3389160000-N	862	TEMPORARY ADDITIONAL GUARDRAIL POSTS	10 EA		
0093	3572000000-E	867	CHAIN LINK FENCE RESET	275 LF		
0094	3628000000-E	876	RIP RAP, CLASS I	490 TON		
0095	3649000000-E	876	RIP RAP, CLASS B	16 TON		
0096	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	5,090 SY		
0097	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,710 LF		
0098	4096000000-N	904	SIGN ERECTION, TYPE D	4 EA		
0099	4102000000-N	904	SIGN ERECTION, TYPE E	81 EA		
0100	4108000000-N	904	SIGN ERECTION, TYPE F	10 EA		
0101	4109000000-N	904	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	5 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0102	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	10 EA		
0103	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (41+60 -L-)	Lump Sum	L.S.	
0104	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (49+20 -L-)	Lump Sum	L.S.	
0105	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (60+05 -L-)	Lump Sum	L.S.	
0106	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	62 EA		
0107	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	10 EA		
0108	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	1,537 SF		
0109	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	122 SF		
0110	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,121 SF		
0111	4415000000-N	1115	FLASHING ARROW BOARD	3 EA		
0112	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	5 EA		
0113	4424000000-N	SP	WORK ZONE PRESENCE LIGHTING	6 EA		
0114	4430000000-N	1130	DRUMS	607 EA		
0115	4445000000-E	1145	BARRICADES (TYPE III)	410 LF		
0116	4447000000-E	SP	PEDESTRIAN CHANNELIZING DEVICES	1,676 LF		
0117	4455000000-N	1150	FLAGGER	28 DAY		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0118	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	10 EA		
0119	4470000000-N	1160	REMOVE & RESET TEMPORARY CRASH CUSHION	7 EA		
0120	4480000000-N	1165	TMA	2 EA		
0121	4485000000-E	1170	PORTABLE CONCRETE BARRIER	384 LF		
0122	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	2,151 LF		
0123	4500000000-E	1170	REMOVE AND RESET PORTABLE CONCRETE BARRIER	497 LF		
0124	4505000000-E	1170	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	630 LF		
0125	4510000000-N	1190	LAW ENFORCEMENT	32 HR		
0126	4520000000-N	1266	TUBULAR MARKERS (FIXED)	18 EA		
0127	4600000000-N	SP	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	2 EA		
0128	4600000000-N	SP	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS	3 EA		
0129	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	1,038 EA		
0130	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	35,138 LF		
0131	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	5,363 LF		
0132	4704000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	80 LF		
0133	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	2,735 LF		
0134	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	19 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0135	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	149 EA		
0136	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	72,917 LF		
0137	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	2,342 LF		
0138	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	2,235 LF		
0139	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	46 EA		
0140	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	101 EA		
0141	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	72,917 LF		
0142	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	2,342 LF		
0143	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	2,235 LF		
0144	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	147 EA		
0145	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM YIELD LINE PAINT PAVEMENT MARKING (24")	69 LF		
0146	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM YIELD LINE THERMOPLASTIC PAVEMENT MARKING (24", 90 MILS)	69 LF		
0147	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	790 EA		
0148	4957000000-N	1264	OBJECT MARKERS (TYPE **) (1)	23 EA		
0149	5325600000-E	1510	6" WATER LINE	423 LF		
0150	5325800000-E	1510	8" WATER LINE	2,981 LF		
0151	5326200000-E	1510	12" WATER LINE	1,676 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0152	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	26,740 LB		
0153	5540000000-E	1515	6" VALVE	13 EA		
0154	5546000000-E	1515	8" VALVE	3 EA		
0155	5562000000-E	1515	*** INSERTION VALVE (12")	12 EA		
0156	5562000000-E	1515	*** INSERTION VALVE (6")	2 EA		
0157	5562000000-E	1515	*** INSERTION VALVE (8")	15 EA		
0158	5648000000-N	1515	RELOCATE WATER METER	30 EA		
0159	5649000000-N	1515	RECONNECT WATER METER	26 EA		
0160	5653210000-E	1515	RELOCATE 2" DCV BACKFLOW PREVENTION ASSEMBLY	5 EA		
0161	5672000000-N	1515	RELOCATE FIRE HYDRANT	11 EA		
0162	5673000000-E	1515	FIRE HYDRANT LEG	530 LF		
0163	5686500000-E	1515	WATER SERVICE LINE	1,107 LF		
0164	5691300000-E	1520	8" SANITARY GRAVITY SEWER	1,545 LF		
0165	5691500000-E	1520	12" SANITARY GRAVITY SEWER	1,107 LF		
0166	5709100000-E	1520	2" FORCE MAIN SEWER	33 LF		
0167	5768000000-N	1520	SANITARY SEWER CLEAN-OUT	6 EA		
0168	5768500000-E	1520	SEWER SERVICE LINE	363 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0169	5775000000-E	1525	4' DIA UTILITY MANHOLE	30 EA		
0170	5781000000-E	1525	UTILITY MANHOLE WALL 4' DIA	56.7 LF		
0171	5800000000-E	1530	ABANDON 6" UTILITY PIPE	453 LF		
0172	5801000000-E	1530	ABANDON 8" UTILITY PIPE	3,940 LF		
0173	5804000000-E	1530	ABANDON 12" UTILITY PIPE	2,749 LF		
0174	5816000000-N	1530	ABANDON UTILITY MANHOLE	5 EA		
0175	5828000000-N	1530	REMOVE UTILITY MANHOLE	4 EA		
0176	5835700000-E	1540	16" ENCASEMENT PIPE	59 LF		
0177	5836000000-E	1540	24" ENCASEMENT PIPE	46 LF		
0178	5872500000-E	1550	BORE AND JACK OF *** (24")	25 LF		
0179	5876000000-N	SP	STEEL PILE PIERS	3 EA		
0180	6000000000-E	1605	TEMPORARY SILT FENCE	22,145 LF		
0181	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	570 TON		
0182	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	555 TON		
0183	6012000000-E	1610	SEDIMENT CONTROL STONE	4,315 TON		
0184	6015000000-E	1615	TEMPORARY MULCHING	5.12 ACR		
0185	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	300 LB		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0186	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	1.5 TON		
0187	6024000000-E	1622	TEMPORARY SLOPE DRAINS	405 LF		
0188	6029000000-E	SP	SAFETY FENCE	380 LF		
0189	6030000000-E	1630	SILT EXCAVATION	940 CY		
0190	6036000000-E	1631	MATTING FOR EROSION CONTROL	32,440 SY		
0191	6037000000-E	1629	COIR FIBER MAT	1,200 SY		
0192	6042000000-E	1632	1/4" HARDWARE CLOTH	15,440 LF		
0193	6070000000-N	1639	SPECIAL STILLING BASINS	31 EA		
0194	6071002000-E	1642	FLOCCULANT	290 LB		
0195	6071012000-E	1642	COIR FIBER WATTLE	1,900 LF		
0196	6071014000-E	1642	COIR FIBER WATTLE BARRIER	210 LF		
0197	6071030000-E	1640	COIR FIBER BAFFLE	60 LF		
0198	6084000000-E	1660	SEEDING & MULCHING	5.12 ACR		
0199	6087000000-E	1660	MOWING	2.6 ACR		
0200	6090000000-E	1661	SEED FOR REPAIR SEEDING	100 LB		
0201	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0202	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	125 LB		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0203	6108000000-E	1665	FERTILIZER TOPDRESSING	3.75 TON		
0204	6111000000-E	SP	IMPERVIOUS DIKE	1,470 LF		
0205	6114500000-N	1667	SPECIALIZED HAND MOWING	5 MHR		
0206	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	100 EA		
0207	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	3 EA		
0208	6120000000-E	SP	CULVERT DIVERSION CHANNEL	281 CY		
0209	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT	366 EA		
0210	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1	122 EA		
0211	6132000000-N	SP	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT	14 EA		
0212	6147000000-E	SP	GENERIC EROSION CONTROL ITEM 24" RCP TEMPORARY PIPE	124 LF		
0213	6147000000-E	SP	GENERIC EROSION CONTROL ITEM 42" RCP CLASS IV TEMPORARY PIPE	32 LF		
0214	6147000000-E	SP	GENERIC EROSION CONTROL ITEM TEMPORARY 108" CS STRUCTURAL PLATE PIPE, 12 GAUGE	96 LF		
0215	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	31 EA		
0216	7060000000-E	1705	SIGNAL CABLE	33,865 LF		
0217	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	121 EA		
0218	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	30 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0219	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	3 EA		
0220	7252000000-E	1710	MESSENGER CABLE (1/4")	295 LF		
0221	7264000000-E	1710	MESSENGER CABLE (3/8")	16,085 LF		
0222	7279000000-E	1715	TRACER WIRE	2,400 LF		
0223	7300000000-E	1715	UNPAVED TRENCHING (***** (1, 2"))	30 LF		
0224	7300000000-E	1715	UNPAVED TRENCHING (***** (2, 2"))	1,575 LF		
0225	7300000000-E	1715	UNPAVED TRENCHING (***** (3, 2"))	260 LF		
0226	7301000000-E	1715	DIRECTIONAL DRILL (***** (1, 2"))	50 LF		
0227	7301000000-E	1715	DIRECTIONAL DRILL (***** (2, 2"))	1,700 LF		
0228	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	24 EA		
0229	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	19 EA		
0230	7360000000-N	1720	WOOD POLE	33 EA		
0231	7372000000-N	1721	GUY ASSEMBLY	79 EA		
0232	7396000000-E	1722	1/2" RISER WITH WEATHERHEAD	10 EA		
0233	7420000000-E	1722	2" RISER WITH WEATHERHEAD	28 EA		
0234	7456100000-E	1726	LEAD-IN CABLE (14-2)	10,330 LF		
0235	7516000000-E	1730	COMMUNICATIONS CABLE (** FIBER) (24)	14,250 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0236	7528000000-E	1730	DROP CABLE	2,185 LF		
0237	7540000000-N	1731	SPLICE ENCLOSURE	5 EA		
0238	7541000000-N	1731	MODIFY SPLICE ENCLOSURE	2 EA		
0239	7552000000-N	1731	INTERCONNECT CENTER	6 EA		
0240	7566000000-N	1733	DELINEATOR MARKER	19 EA		
0241	7576000000-N	SP	METAL STRAIN SIGNAL POLE	20 EA		
0242	7613000000-N	SP	SOIL TEST	20 EA		
0243	7614100000-E	SP	DRILLED PIER FOUNDATION	120 CY		
0244	7630000000-N	SP	METAL STRAIN POLE DESIGN	20 EA		
0245	7636000000-N	1745	SIGN FOR SIGNALS	24 EA		
0246	7642200000-N	1743	TYPE II PEDESTAL WITH FOUNDATION	29 EA		
0247	7648000000-N	1746	RELOCATE EXISTING SIGN	1 EA		
0248	7684000000-N	1750	SIGNAL CABINET FOUNDATION	7 EA		
0249	7686000000-N	1752	CONDUIT ENTRANCE INTO EXISTING FOUNDATION	1 EA		
0250	7696000000-N	1751	CONTROLLERS WITH CABINET (*****) (2070LX, BASE MOUNTED)	6 EA		
0251	7696000000-N	1751	CONTROLLERS WITH CABINET (*****) (2070LX, POLE MOUNTED)	3 EA		
0252	7901000000-N	1753	CABINET BASE EXTENDER	7 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0253	7912000000-N	1755	BEACON CONTROLLER ASSEMBLY & CABINET (*****) (F3)	1 EA		
0254	7948000000-N	1757	TRAFFIC SIGNAL REMOVAL	4 EA		
0255	7980000000-N	SP	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	10 EA		
0256	7980000000-N	SP	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES	49 EA		
0266	4057000000-E	SP	OVERHEAD FOOTING	45 CY		
<b>CULVERT ITEMS</b>						
0257	8056000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+80.00 -Y2-)	Lump Sum	L.S.	
0258	8056000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (43+26.00 -L-)	Lump Sum	L.S.	
0259	8130000000-N	414	BOX CULVERT EXCAVATION, STA ***** (20+80.00 -Y2-)	Lump Sum	L.S.	
0260	8130000000-N	414	BOX CULVERT EXCAVATION, STA ***** (43+26.00 -L-)	Lump Sum	L.S.	
0261	8130000000-N	414	BOX CULVERT EXCAVATION, STA ***** (68+62.00 -L-)	Lump Sum	L.S.	
0262	8133000000-E	414	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	1,405 TON		
0263	8196000000-E	420	CLASS A CONCRETE (CULVERT)	2,063.6 CY		
0264	8245000000-E	425	REINFORCING STEEL (CULVERT)	284,512 LB		
0265	8430000000-E	452	SHEET PILE RETAINING WALLS	225 SF		