STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

November 12, 2026

Addendum No. 3
RE: Contract # C205223
WBS # 50128.3.1, 50178.3.1, 51704.3.1
FEDERAL-AID NO. NHPP-077-1(220)29, STATE FUNDED, 5170401
Mecklenburg County (I-5715, U-5765, BL-0119)
INTERSECTION AT I-77 AND NC-73, NC-73 FROM SR-5544 TO SR-2316,
PEDESTRIAN BRIDGE OVER NC-73 ON MCDOWELL CREEK GREENWAY

November 17, 2026 Letting

To Whom It May Concern:

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

The following revisions have been made to the I-5715 Structure plans - Bridges.

Sheet No.	Revision
S3-4, S4-4	Revised **Approx. Lbs. of Structural Steel** on Total Bill of Material as reflected in revised Item Sheets below.

Please void the above listed sheets in your plans and staple the revised sheets thereto.

The following revisions have been made to the proposal.

Page No.	Revision
Proposal Cover	Note added that reads "Includes Addendum No. 3 Dated 11-12-2026".

Please void the above listed page in your proposal and staple the revised page thereto.

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

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

Website: www.ncdot.gov

On the item sheets the following pay item revisions have been made:

Item	Description	Old Quantity	New Quantity
0547-8280000000-E 440	APPROX ..... LBS STRUCTURAL STEEL	1,454,026 (approximate lbs.)	1,658,647 (approximate lbs.)

The Contractor's bid must include these pay item revisions.

The electronic bidding form has been updated on Bid Express to reflect these revisions.

The contract will be prepared accordingly.

Sincerely,

Signed by:
Jon Weathersbee
E45DA45396074A0...

Jon Weathersbee, PE
State Contract Officer

JHW/jjr
Attachments

cc: Mr. Troy B. Brooks, PE
Mr. Felix A. Obregon, PE
Mr. Josh Sellers, PE
Mr. Malcolm Bell
Mr. Forrest Dungan, PE
Ms. Jaci Kincaid
Project File (2)

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

PROPOSAL

INCLUDES ADDENDUM No. 3 DATED 11-12-2026

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

CONTRACT ID	C205223
WBS	50128.3.1, 50178.3.1, 51704.3.1

FEDERAL-AID NO.	NHPP-077-1(220)29, STATE FUNDED, 5170401
COUNTY	MECKLENBURG
T.I.P NO.	I-5715, U-5765, BL-0119
MILES	3.683
ROUTE NO.	NC-73
LOCATION	INTERSECTION AT I-77 AND NC-73, NC-73 FROM SR-5544 TO SR-2316, PEDESTRIAN BRIDGE OVER NC-73 ON MCDOWELL CREEK GREENWAY.
TYPE OF WORK	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

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 $40,000 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 & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

County: MECKLENBURG

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	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0004	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUBBING	3 ACR		
0005	0022000000-E	225	UNCLASSIFIED EXCAVATION	75,100 CY		
0006	0036000000-E	225	UNDERCUT EXCAVATION	8,710 CY		
0007	0106000000-E	230	BORROW EXCAVATION	385,800 CY		
0008	0134000000-E	240	DRAINAGE DITCH EXCAVATION	7,310 CY		
0009	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	58,190 SY		
0010	0163000000-E	250	REMOVAL OF EXISTING CONCRETE PAVEMENT	230 SY		
0011	0177000000-E	250	BREAKING OF EXISTING ASPHALT PAVEMENT	6,590 SY		
0012	0195000000-E	265	SELECT GRANULAR MATERIAL	4,010 CY		
0013	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	6,370 SY		
0014	0199000000-E	SP	TEMPORARY SHORING	15,360 SF		
0015	0223000000-E	275	ROCK PLATING	1,720 SY		
0016	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 15+46.20 -GW-	Lump Sum	L.S.	
0017	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 29+90 -Y2-	Lump Sum	L.S.	

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 32+59 -Y2-	Lump Sum	L.S.	
0019	0248000000-N	SP	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STATION 12+88 -Y3-	Lump Sum	L.S.	
0020	0248000000-N	SP	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STATION 15+54 -Y3-	Lump Sum	L.S.	
0021	0248000000-N	SP	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STATION 19+30 -Y1-	Lump Sum	L.S.	
0022	0248000000-N	SP	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STATION 23+44 -Y1-	Lump Sum	L.S.	
0023	0255000000-E	SP	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	50 TON		
0024	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3,140 TON		
0025	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	9,840 SY		
0026	0335100000-E	305	12" DRAINAGE PIPE	28 LF		
0027	0343000000-E	310	15" SIDE DRAIN PIPE	1,100 LF		
0028	0344000000-E	310	18" SIDE DRAIN PIPE	132 LF		
0029	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	2,128 LF		
0030	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	760 LF		
0031	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	1,020 LF		
0032	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	828 LF		
0033	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	468 LF		

County: **MECKLENBURG**

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0034	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	52 LF		
0035	0414000000-E	310	60" RC PIPE CULVERTS, CLASS III	28 LF		
0036	0448000000-E	310	****" RC PIPE CULVERTS, CLASS IV (60")	480 LF		
0037	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	14,936 LF		
0038	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	4,156 LF		
0039	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	692 LF		
0040	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	112 LF		
0041	0448600000-E	310	36" RC PIPE CULVERTS, CLASS IV	596 LF		
0042	0448700000-E	310	42" RC PIPE CULVERTS, CLASS IV	180 LF		
0043	0449000000-E	310	**" RC PIPE CULVERTS, CLASS V (24")	36 LF		
0044	0449000000-E	310	**" RC PIPE CULVERTS, CLASS V (36")	332 LF		
0045	0449000000-E	310	**" RC PIPE CULVERTS, CLASS V (96")	408 LF		
0046	0582000000-E	310	15" CS PIPE CULVERTS, 0.064" THICK	564 LF		
0047	0600000000-E	310	30" CS PIPE CULVERTS, 0.079" THICK	56 LF		
0048	0636000000-E	310	**" CS PIPE ELBOWS, *****" THICK (15", 0.064")	18 EA		
0049	0636000000-E	310	**" CS PIPE ELBOWS, *****" THICK (30", 0.079")	2 EA		
0050	0973100000-E	330	**" WELDED STEEL PIPE, ****" THICK, GRADE B IN SOIL (36", 0.625")	46 LF		

County: **MECKLENBURG**

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	0973100000-E	330	**" WELDED STEEL PIPE, ****" THICK, GRADE B IN SOIL (60", 0.750")	148 LF		
0052	0973300000-E	330	**" WELDED STEEL PIPE, ****" THICK, GRADE B NOT IN SOIL (36", 0.625")	46 LF		
0053	0973300000-E	330	**" WELDED STEEL PIPE, ****" THICK, GRADE B NOT IN SOIL (60", 0.750")	148 LF		
0054	0995000000-E	340	PIPE REMOVAL	8,619 LF		
0055	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
0056	1099500000-E	505	SHALLOW UNDERCUT	7,770 CY		
0057	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	28,863 TON		
0058	1110000000-E	510	STABILIZER AGGREGATE	800 TON		
0059	1112000000-E	505	GEOTEXTILE FOR SUBGRADE STABILIZATION	52,525 SY		
0060	1220000000-E	545	INCIDENTAL STONE BASE	900 TON		
0061	1297000000-E	607	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	78,760 SY		
0062	1297000000-E	607	MILLING ASPHALT PAVEMENT, ***" DEPTH (3")	40,200 SY		
0063	1308000000-E	607	MILLING ASPHALT PAVEMENT, ***" TO ******" (1-1/2" TO 3")	5,020 SY		
0064	1330000000-E	607	INCIDENTAL MILLING	3,050 SY		
0065	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	48,383 TON		
0066	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	36,710 TON		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0067	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	610 TON		
0068	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	28,010 TON		
0069	1524200000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	13,510 TON		
0070	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	5,630 TON		
0071	1577000000-E	620	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	785 TON		
0072	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	2,113 TON		
0073	1841000000-E	665	GENERIC PAVING ITEM MILLED RUMBLE STRIPS (ASPHALT CONCRETE), (16")	13,400 LF		
0074	2022000000-E	815	SUBDRAIN EXCAVATION	782.6 CY		
0075	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	3,494 SY		
0076	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	587.2 CY		
0077	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	3,494 LF		
0078	2070000000-N	815	SUBDRAIN PIPE OUTLET	8 EA		
0079	2077000000-E	815	6" OUTLET PIPE	48 LF		
0080	2190000000-N	828	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	1 EA		
0081	2209000000-E	838	ENDWALLS	6.8 CY		
0082	2253000000-E	840	PIPE COLLARS	2.4 CY		
0083	2275000000-E	SP	FLOWABLE FILL	395 CY		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0084	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	359 EA		
0085	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	62.06 CY		
0086	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	240.7 LF		
0087	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	35 EA		
0088	2364200000-N	840	FRAME WITH TWO GRATES, STD 840.20	55 EA		
0089	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	17 EA		
0090	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	4 EA		
0091	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	16 EA		
0092	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	22 EA		
0093	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	103 EA		
0094	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	97 EA		
0095	2396000000-N	840	FRAME WITH COVER, STD 840.54	21 EA		
0096	2440000000-N	852	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	1 EA		
0097	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	40 EA		
0098	2535000000-E	846	**" X **" CONCRETE CURB (8" X 18")	970 LF		
0099	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	11,350 LF		
0100	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	29,790 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0101	2556000000-E	846	SHOULDER BERM GUTTER	1,831 LF		
0102	2591000000-E	848	4" CONCRETE SIDEWALK	5,850 SY		
0103	2605000000-N	848	CONCRETE CURB RAMPS	149 EA		
0104	2612000000-E	848	6" CONCRETE DRIVEWAY	60 SY		
0105	2619000000-E	850	4" CONCRETE PAVED DITCH	80 SY		
0106	2647000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	1,940 SY		
0107	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	4,510 SY		
0108	2703000000-E	854	CONCRETE BARRIER, TYPE ******* (T2)	2,770 LF		
0109	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	1,410 LF		
0110	2738000000-E	SP	GENERIC PAVING ITEM 12" CONCRETE TRUCK APRON	3,380 SY		
0111	2738000000-E	SP	GENERIC PAVING ITEM 4" CONCRETE MULTI-USE PATH	16,680 SY		
0112	2738100000-E	SP	GENERIC PAVING ITEM DETECTABLE WARNING SURFACE	210 SF		
0113	2752000000-E	SP	GENERIC PAVING ITEM 1'-6" CONCRETE CURB & GUTTER, CLASS AA CONCRETE	1,560 LF		
0114	2753000000-E	846	GENERIC PAVING ITEM 1'-6" CONCRETE CURB & GUTTER (SPECIAL)	640 LF		
0115	2753000000-E	846	GENERIC PAVING ITEM 2'-6" CONCRETE CURB & GUTTER (SPILL CURB)	210 LF		
0116	2761000000-E	848	GENERIC PAVING ITEM 6" CONCRETE SIDEWALK	70 SY		
0117	2800000000-N	858	ADJUSTMENT OF CATCH BASINS	1 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0118	2815000000-N	858	ADJUSTMENT OF DROP INLETS	2 EA		
0119	2830000000-N	858	ADJUSTMENT OF MANHOLES	6 EA		
0120	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	1 EA		
0121	2860000000-N	859	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	2 EA		
0122	2905000000-N	859	CONVERT EXISTING DROP INLET TO JUNCTION BOX	4 EA		
0123	2920000000-N	859	CONVERT EXISTING DROP INLET TO CATCH BASIN	1 EA		
0124	2995000000-N	SP	GENERIC DRAINAGE ITEM ADJUSTMENT OF JUNCTION BOXES	1 EA		
0125	3001000000-N	SP	IMPACT ATTENUATOR UNITS, TYPE TL-3	1 EA		
0126	3030000000-E	862	STEEL BEAM GUARDRAIL	14,450 LF		
0127	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	950 LF		
0128	3145000000-E	862	EXTRA LENGTH GUARDRAIL POST (**' STEEL) (8')	100 EA		
0129	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	30 EA		
0130	3195000000-N	862	GUARDRAIL END UNITS, TYPE AT-1	4 EA		
0131	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	30 EA		
0132	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	20 EA		
0133	3287000000-N	862	GUARDRAIL END UNITS, TYPE TL-3	19 EA		
0134	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	9 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0135	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B-77	6 EA		
0136	3360000000-E	863	REMOVE EXISTING GUARDRAIL	5,661 LF		
0137	3380000000-E	862	TEMPORARY STEEL BEAM GUARDRAIL	100 LF		
0138	3389150000-N	862	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (CAT-1)	1 EA		
0139	3389160000-N	862	TEMPORARY ADDITIONAL GUARDRAIL POSTS	5 EA		
0140	3420000000-E	SP	GENERIC GUARDRAIL ITEM WOOD RUB RAIL	700 LF		
0141	3536000000-E	866	CHAIN LINK FENCE, 48" FABRIC	47 LF		
0142	3542000000-E	866	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	4 EA		
0143	3548000000-E	866	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	2 EA		
0144	3575000000-E	SP	GENERIC FENCING ITEM 48" BLACK METAL DECORATIVE FENCE	8,960 LF		
0145	3575000000-E	SP	GENERIC FENCING ITEM BICYCLE/PEDESTRIAN SAFETY RAIL	50 LF		
0146	3575000000-E	SP	GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL	2,790 LF		
0147	3575000000-E	SP	GENERIC FENCING ITEM PROTECTIVE COATING FOR PEDESTRIAN SAFETY RAIL	2,790 LF		
0148	3628000000-E	876	RIP RAP, CLASS I	180 TON		
0149	3635000000-E	876	RIP RAP, CLASS II	4,350 TON		
0150	3649000000-E	876	RIP RAP, CLASS B	1,340 TON		
0151	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	10,570 SY		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0152	4048000000-E	902	REINFORCED CONCRETE SIGN FOUNDATIONS	12 CY		
0153	4054000000-E	902	PLAIN CONCRETE SIGN FOUNDATIONS	3 CY		
0154	4057000000-E	SP	OVERHEAD FOOTING	376 CY		
0155	4060000000-E	903	SUPPORTS, BREAKAWAY STEEL BEAM	4,686 LB		
0156	4066000000-E	903	SUPPORTS, SIMPLE STEEL BEAM	8,269 LB		
0157	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	5,009 LF		
0158	4096000000-N	904	SIGN ERECTION, TYPE D	7 EA		
0159	4102000000-N	904	SIGN ERECTION, TYPE E	261 EA		
0160	4108000000-N	904	SIGN ERECTION, TYPE F	18 EA		
0161	4109000000-N	904	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	42 EA		
0162	4109000000-N	904	SIGN ERECTION, TYPE *** (OVERHEAD) (B)	10 EA		
0163	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	11 EA		
0164	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (D)	5 EA		
0165	4114000000-N	904	SIGN ERECTION, MILEMARKERS	11 EA		
0166	4116000000-N	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	2 EA		
0167	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A)	8 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0168	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (10+60 -Y2RPB-)	Lump Sum	L.S.	
0169	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (10+60-Y1RPD-)	Lump Sum	L.S.	
0170	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (14+60 -Y50-)	Lump Sum	L.S.	
0171	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (19+82 -Y2RPB-)	Lump Sum	L.S.	
0172	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (22+07 -Y49-)	Lump Sum	L.S.	
0173	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (22+75 -Y2-)	Lump Sum	L.S.	
0174	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (28+50 -Y2-)	Lump Sum	L.S.	
0175	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (37+50 -Y2-)	Lump Sum	L.S.	
0176	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (803+50 -L3NB-)	Lump Sum	L.S.	
0177	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (835+61 -L3NB-)	Lump Sum	L.S.	
0178	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (843+92 -L3NB-)	Lump Sum	L.S.	
0179	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (852+23 -L3NB-)	Lump Sum	L.S.	
0180	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (860+46 -L3NB-)	Lump Sum	L.S.	
0181	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (872+25 -L3NB-)	Lump Sum	L.S.	

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0182	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (881+24 -L3NB-)	Lump Sum	L.S.	
0183	4130000000-N	906	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (898+95 -L3NB-)	Lump Sum	L.S.	
0184	4138000000-N	907	DISPOSAL OF SUPPORT, STEEL BEAM	26 EA		
0185	4149000000-N	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD	7 EA		
0186	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	60 EA		
0187	4234000000-N	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	2 EA		
0188	4238500000-N	907	DISPOSAL OF SIGN, MILEMARKER	11 EA		
0189	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	1,277 SF		
0190	4402000000-E	SP	HIGH VISIBILITY STATIONARY SIGNS	148 SF		
0191	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	1,407 SF		
0192	4407000000-E	SP	HIGH VISIBILITY PORTABLE SIGNS	1,041 SF		
0193	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	391 SF		
0194	4415000000-N	1115	FLASHING ARROW BOARD	17 EA		
0195	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	22 EA		
0196	4430000000-N	1130	DRUMS	1,201 EA		
0197	4432000000-N	SP	HIGH VISIBILITY DRUMS	1,035 EA		
0198	4434000000-N	1140	SEQUENTIAL FLASHING WARNING LIGHTS	1,035 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0199	4435000000-N	1135	CONES	100 EA		
0200	4445000000-E	1145	BARRICADES (TYPE III)	420 LF		
0201	4447000000-E	SP	PEDESTRIAN CHANNELIZING DEVICES	3,616 LF		
0202	4455000000-N	1150	FLAGGER	79 DAY		
0203	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	22 EA		
0204	4470000000-N	1160	REMOVE & RESET TEMPORARY CRASH CUSHION	43 EA		
0205	4480000000-N	1165	TMA	14 EA		
0206	4485000000-E	1170	PORTABLE CONCRETE BARRIER	5,286 LF		
0207	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	16,759 LF		
0208	4500000000-E	1170	REMOVE AND RESET PORTABLE CONCRETE BARRIER	9,349 LF		
0209	4505000000-E	1170	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	23,287 LF		
0210	4507000000-E	1170	WATER FILLED BARRIER	566 LF		
0211	4508000000-E	1170	REMOVE AND RESET WATER FILLED BARRIER	227 LF		
0212	4510000000-N	1190	LAW ENFORCEMENT	272 HR		
0213	4516000000-N	1180	SKINNY DRUM	232 EA		
0214	4520000000-N	1266	TUBULAR MARKERS (FIXED)	1,500 EA		
0215	4600000000-N	SP	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	20 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0216	4600000000-N	SP	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE	20 EA		
0217	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	2,819 EA		
0218	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	30,439 LF		
0219	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	76,672 LF		
0220	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	7,798 LF		
0221	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	5,921 LF		
0222	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	7,056 LF		
0223	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	58 EA		
0224	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	277 EA		
0225	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	3,362 LF		
0226	4775000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)	1,773 LF		
0227	4800000000-N	1205	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)	1 EA		
0228	4805000000-N	1205	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)	12 EA		
0229	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	232,184 LF		
0230	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	16,760 LF		
0231	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	9,330 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0232	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	52 EA		
0233	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	693 EA		
0234	4847300000-N	1205	IN LANE ROUTE SHIELDS	2 EA		
0235	4847400000-E	SP	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 4"	28,732 LF		
0236	4847500000-E	SP	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"	40,694 LF		
0237	4847600000-E	SP	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"	2,738 LF		
0238	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	148,307 LF		
0239	4855000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (6")	39,165 LF		
0240	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	2,622 LF		
0241	4865000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (12")	1,207 LF		
0242	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	1,535 LF		
0243	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	169 EA		
0244	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 24"	433 LF		
0245	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 8"	2,137 LF		
0246	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM YIELD LINE PAINT PAVEMENT MARKING (24")	161 LF		
0247	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM YIELD LINE THERMOPLASTIC PAVEMENT MARKING (24", 90 MILS)	319 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0248	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM INLAID CRADLE MARKERS	1,365 EA		
0249	5010000000-E	1401	100' HIGH MOUNT STANDARD	4 EA		
0250	5015000000-E	1401	120' HIGH MOUNT STANDARD	10 EA		
0251	5020000000-N	1401	PORTABLE DRIVE UNIT	1 EA		
0252	5025000000-E	SP	HIGH MOUNT FOUNDATIONS	122 CY		
0253	5030000000-N	SP	HIGH MOUNT LUMINAIRES ******** (560W LED)	104 EA		
0254	5120000000-N	1407	ELECTRIC SERVICE POLE ********** (30' CLASS 4)	2 EA		
0255	5125000000-E	1407	ELECTRIC SERVICE LATERAL ********** (3 #1/0 USE)	50 LF		
0256	5140000000-N	1408	LIGHT CONTROL EQUIPMENT, TYPE SP ********** (240/480 V)	2 EA		
0257	5150000000-E	1409	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 3")	420 LF		
0258	5150000000-E	1409	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 4")	575 LF		
0259	5155000000-E	1409	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	740 LF		
0260	5180000000-E	1410	** #4 W/G FEEDER CIRCUIT (2)	720 LF		
0261	5185000000-E	1410	** #2 W/G FEEDER CIRCUIT (2)	845 LF		
0262	5205000000-E	1410	** #8 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1-1/2")	640 LF		
0263	5215000000-E	1410	** #4 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1-1/2")	18,050 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0264	5220000000-E	1410	** #2 W/G FEEDER CIRCUIT IN ******" CONDUIT (2, 1-1/2")	22,360 LF		
0265	5240000000-N	1411	ELECTRICAL JUNCTION BOXES ********** (CS36)	2 EA		
0266	5240000000-N	1411	ELECTRICAL JUNCTION BOXES ********** (HM18)	9 EA		
0267	5240000000-N	1411	ELECTRICAL JUNCTION BOXES ********** (HM36)	5 EA		
0268	5240000000-N	1411	ELECTRICAL JUNCTION BOXES ********** (IG18)	13 EA		
0269	5240000000-N	1411	ELECTRICAL JUNCTION BOXES ********** (IG36)	13 EA		
0270	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0271	5260000000-N	SP	GENERIC LIGHTING ITEM DECORATIVE LIGHT POSTS	Lump Sum	L.S.	
0272	5260000000-N	SP	GENERIC LIGHTING ITEM ILLUMINATED PEDESTRIAN RAILING SYSTEM	Lump Sum	L.S.	
0273	5270000000-N	SP	GENERIC LIGHTING ITEM REMOVE 100' HIGH MOUNT STANDARD	4 EA		
0274	5270000000-N	SP	GENERIC LIGHTING ITEM REMOVE 100' HIGH MOUNT STANDARD FOUNDATION	4 EA		
0275	5270000000-N	SP	GENERIC LIGHTING ITEM REMOVE CONTROL SYSTEM - SALVAGE	1 EA		
0276	5270000000-N	SP	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD - DISPOSE	31 EA		
0277	5270000000-N	SP	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD - SALVAGE	15 EA		
0278	5270000000-N	SP	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD FOUNDATION	46 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0279	5325000000-E	1510	**" WATER LINE (36")	8,280 LF		
0280	5325600000-E	1510	6" WATER LINE	1,050 LF		
0281	5325800000-E	1510	8" WATER LINE	3,049 LF		
0282	5326200000-E	1510	12" WATER LINE	8,736 LF		
0283	5327400000-E	1510	24" WATER LINE	3,251 LF		
0284	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	212,267 LB		
0285	5534000000-E	1515	**" VALVE (36")	8 EA		
0286	5540000000-E	1515	6" VALVE	3 EA		
0287	5546000000-E	1515	8" VALVE	16 EA		
0288	5558000000-E	1515	12" VALVE	31 EA		
0289	5559400000-E	1515	24" VALVE	10 EA		
0290	5562000000-E	1515	**" INSERTION VALVE (8")	2 EA		
0291	5606000000-E	1515	2" BLOW OFF	1 EA		
0292	5606400000-E	1515	4" BLOW OFF	1 EA		
0293	5643000000-E	1515	**" WATER METER (1")	8 EA		
0294	5643000000-E	1515	**" WATER METER (5/8")	4 EA		
0295	5643150000-E	1515	1-1/2" WATER METER	5 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0296	5643200000-E	1515	2" WATER METER	6 EA		
0297	5643300000-E	1515	3" WATER METER	1 EA		
0298	5643400000-E	1515	4" WATER METER	1 EA		
0299	5643600000-E	1515	6" WATER METER	6 EA		
0300	5649000000-N	1515	RECONNECT WATER METER	24 EA		
0301	5666000000-N	1515	FIRE HYDRANT	6 EA		
0302	5673000000-E	1515	FIRE HYDRANT LEG	92 LF		
0303	5678600000-E	1515	8" LINE STOP	4 EA		
0304	5679000000-E	1515	12" LINE STOP	3 EA		
0305	5684800000-E	1515	10" LINE STOP WITH BYPASS	1 EA		
0306	5686000000-E	1515	**" WATER SERVICE LINE (2")	168 LF		
0307	5686000000-E	1515	**" WATER SERVICE LINE (3")	53 LF		
0308	5686000000-E	1515	**" WATER SERVICE LINE (4")	30 LF		
0309	5686000000-E	1515	**" WATER SERVICE LINE (6")	191 LF		
0310	5686500000-E	1515	WATER SERVICE LINE	377 LF		
0311	5691000000-E	1520	**" SANITARY GRAVITY SEWER (15")	175 LF		
0312	5691300000-E	1520	8" SANITARY GRAVITY SEWER	997 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0313	5691700000-E	1520	18" SANITARY GRAVITY SEWER	728 LF		
0314	5775000000-E	1525	4' DIA UTILITY MANHOLE	8 EA		
0315	5776000000-E	1525	5' DIA UTILITY MANHOLE	8 EA		
0316	5801000000-E	1530	ABANDON 8" UTILITY PIPE	2,963 LF		
0317	5802000000-E	1530	ABANDON 10" UTILITY PIPE	3,105 LF		
0318	5804000000-E	1530	ABANDON 12" UTILITY PIPE	5,694 LF		
0319	5815500000-N	1530	REMOVE FIRE HYDRANT	10 EA		
0320	5835000000-E	1540	**" ENCASEMENT PIPE (54")	584 LF		
0321	5835700000-E	1540	16" ENCASEMENT PIPE	47 LF		
0322	5835800000-E	1540	18" ENCASEMENT PIPE	153 LF		
0323	5836000000-E	1540	24" ENCASEMENT PIPE	608 LF		
0324	5836400000-E	1540	36" ENCASEMENT PIPE	399 LF		
0325	5872500000-E	1550	BORE AND JACK OF **" (16")	47 LF		
0326	5872500000-E	1550	BORE AND JACK OF **" (18")	153 LF		
0327	5872500000-E	1550	BORE AND JACK OF **" (24")	334 LF		
0328	5872500000-E	1550	BORE AND JACK OF **" (36")	213 LF		
0329	5872500000-E	1550	BORE AND JACK OF **" (54")	207 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0330	5882000000-N	SP	GENERIC UTILITY ITEM CORROSION TEST STATION	34 EA		
0331	5882000000-N	SP	GENERIC UTILITY ITEM HIGH VELOCITY FIRE HYDRANT	39 EA		
0332	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 1-1/2" BACKFLOW PREVENTOR	1 EA		
0333	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 2" BACKFLOW PREVENTOR	1 EA		
0334	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 6" BACKFLOW PREVENTOR	1 EA		
0335	5888000000-E	SP	GENERIC UTILITY ITEM FIRE HYDRANT LEG (HIGH VELOCITY FH LEG 8")	392 LF		
0336	5888000000-E	SP	GENERIC UTILITY ITEM FIRE HYDRANT LEG (RECONNECT FIRE HYDRANT)	53 LF		
0337	5912000000-N	SP	GENERIC UTILITY ITEM TEMPORARY SANITARY SEWER BYPASS PUMPING	Lump Sum	L.S.	
0338	6000000000-E	1605	TEMPORARY SILT FENCE	58,175 LF		
0339	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	2,960 TON		
0340	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	7,395 TON		
0341	6012000000-E	1610	SEDIMENT CONTROL STONE	7,680 TON		
0342	6015000000-E	1615	TEMPORARY MULCHING	88.5 ACR		
0343	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	4,400 LB		
0344	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	25.5 TON		
0345	6024000000-E	1622	TEMPORARY SLOPE DRAINS	6,475 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0346	6029000000-E	SP	SAFETY FENCE	1,680 LF		
0347	6030000000-E	1630	SILT EXCAVATION	35,270 CY		
0348	6036000000-E	1631	MATTING FOR EROSION CONTROL	118,060 SY		
0349	6037000000-E	1629	COIR FIBER MAT	4,190 SY		
0350	6042000000-E	1632	1/4" HARDWARE CLOTH	18,610 LF		
0351	6043000000-E	1644	LOW PERMEABILITY GEOTEXTILE	700 SY		
0352	6045000000-E	SP	**" TEMPORARY PIPE (48")	48 LF		
0353	6046000000-E	1636	TEMPORARY PIPE FOR STREAM CROSSING	50 LF		
0354	6048000000-E	SP	FLOATING TURBIDITY CURTAIN	365 SY		
0355	6070000000-N	1639	SPECIAL STILLING BASINS	13 EA		
0356	6071002000-E	1642	FLOCCULANT	2,820 LB		
0357	6071010000-E	1642	WATTLE	800 LF		
0358	6071012000-E	1642	COIR FIBER WATTLE	3,000 LF		
0359	6071030000-E	1640	COIR FIBER BAFFLE	5,650 LF		
0360	6071050000-E	1644	**" SKIMMER (1-1/2")	17 EA		
0361	6071050000-E	1644	**" SKIMMER (2")	8 EA		
0362	6071050000-E	1644	**" SKIMMER (2-1/2")	2 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0363	6071050000-E	1644	**" SKIMMER (4")	1 EA		
0364	6084000000-E	1660	SEEDING & MULCHING	84 ACR		
0365	6087000000-E	1660	MOWING	66 ACR		
0366	6090000000-E	1661	SEED FOR REPAIR SEEDING	900 LB		
0367	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	4 TON		
0368	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	1,975 LB		
0369	6108000000-E	1665	FERTILIZER TOPDRESSING	59 TON		
0370	6111000000-E	SP	IMPERVIOUS DIKE	2,220 LF		
0371	6114500000-N	1667	SPECIALIZED HAND MOWING	55 MHR		
0372	6114800000-N	SP	MANUAL LITTER REMOVAL	42 MHR		
0373	6114900000-E	SP	LITTER DISPOSAL	6 TON		
0374	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	200 EA		
0375	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	8 EA		
0376	6120000000-E	SP	CULVERT DIVERSION CHANNEL	59 CY		
0377	6123000000-E	1670	REFORESTATION	1.25 ACR		
0378	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT	1,020 EA		
0379	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1	260 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0380	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 2	80 EA		
0381	6132000000-N	SP	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT	45 EA		
0382	6141000000-E	SP	GENERIC EROSION CONTROL ITEM COIR FIBER MAT (SPECIAL)	400 SY		
0383	6141000000-E	SP	GENERIC EROSION CONTROL ITEM PERMANENT SOIL REINFORCEMENT MAT, TYPE 3	80 SY		
0384	6890000000-E	SP	CONCRETE STEPS	15 CY		
0385	6895000000-E	SP	HANDRAIL ON STEPS	58 LF		
0386	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	88 EA		
0387	7060000000-E	1705	SIGNAL CABLE	37,713 LF		
0388	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	227 EA		
0389	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	26 EA		
0390	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	7 EA		
0391	7180000000-N	1706	BACKPLATE	165 EA		
0392	7229000000-N	SP	APS DETECTOR STATION	70 EA		
0393	7230000000-N	SP	CENTRAL CONTROL UNIT APS DETECTOR STATION	18 EA		
0394	7252000000-E	1710	MESSENGER CABLE (1/4")	1,140 LF		
0395	7264000000-E	1710	MESSENGER CABLE (3/8")	1,905 LF		
0396	7279000000-E	1715	TRACER WIRE	13,936 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0397	7288000000-E	1715	PAVED TRENCHING (**********) (2, 2")	80 LF		
0398	7300000000-E	1715	UNPAVED TRENCHING (**********) (1, 4")	100 LF		
0399	7300000000-E	1715	UNPAVED TRENCHING (**********) (1, 5")	1,070 LF		
0400	7300000000-E	1715	UNPAVED TRENCHING (**********) (2, 2")	15,870 LF		
0401	7300000000-E	1715	UNPAVED TRENCHING (**********) (2, 2-1/4")	100 LF		
0402	7300000000-E	1715	UNPAVED TRENCHING (**********) (3, 1-1/4")	100 LF		
0403	7300000000-E	1715	UNPAVED TRENCHING (**********) (3, 2")	315 LF		
0404	7300000000-E	1715	UNPAVED TRENCHING (**********) (3, 2-1/4")	100 LF		
0405	7300000000-E	1715	UNPAVED TRENCHING (**********) (4, 1-1/4")	1,070 LF		
0406	7301000000-E	1715	DIRECTIONAL DRILL (**********) (1, 2")	225 LF		
0407	7301000000-E	1715	DIRECTIONAL DRILL (**********) (1, 4")	785 LF		
0408	7301000000-E	1715	DIRECTIONAL DRILL (**********) (1, 5")	930 LF		
0409	7301000000-E	1715	DIRECTIONAL DRILL (**********) (2, 2")	6,255 LF		
0410	7301000000-E	1715	DIRECTIONAL DRILL (**********) (2, 2-1/4")	100 LF		
0411	7301000000-E	1715	DIRECTIONAL DRILL (**********) (3, 1-1/4")	785 LF		
0412	7301000000-E	1715	DIRECTIONAL DRILL (**********) (3, 2")	165 LF		
0413	7301000000-E	1715	DIRECTIONAL DRILL (**********) (4, 1-1/4")	930 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0414	7312000000-N	1716	JUNCTION BOX (**********) (SPECIAL OVERSIZED, HEAVY DUTY)	13 EA		
0415	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	99 EA		
0416	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	53 EA		
0417	7360000000-N	1720	WOOD POLE	29 EA		
0418	7372000000-N	1721	GUY ASSEMBLY	54 EA		
0419	7420000000-E	1722	2" RISER WITH WEATHERHEAD	28 EA		
0420	7432000000-E	1722	2" RISER WITH HEAT SHRINK TUBING	1 EA		
0421	7456100000-E	1726	LEAD-IN CABLE (14-2)	4,300 LF		
0422	7481000000-N	SP	SITE SURVEY	6 EA		
0423	7516000000-E	1730	COMMUNICATIONS CABLE (** FIBER) (24)	9,668 LF		
0424	7516000000-E	1730	COMMUNICATIONS CABLE (** FIBER) (48)	3,345 LF		
0425	7528000000-E	1730	DROP CABLE	8,311 LF		
0426	7540000000-N	1731	SPLICE ENCLOSURE	12 EA		
0427	7541000000-N	1731	MODIFY SPLICE ENCLOSURE	7 EA		
0428	7552000000-N	1731	INTERCONNECT CENTER	13 EA		
0429	7566000000-N	1733	DELINEATOR MARKER	60 EA		
0430	7574500000-N	SP	FURNISH WIRELESS RADIO MODEM	2 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0431	7575000000-N	SP	FIBER-OPTIC TRAINING	Lump Sum	L.S.	
0432	7575142010-N	1736	900MHZ SERIAL/ETHERNET SPREAD SPECTRUM RADIO	10 EA		
0433	7575142060-N	1737	MODIFY RADIO INSTALLATION	5 EA		
0434	7575160000-E	1734	REMOVE EXISTING COMMUNICATIONS CABLE	6,675 LF		
0435	7575170000-E	1738	BACK PULL FIBER OPTIC CABLE	415 LF		
0436	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	24 EA		
0437	7590000000-N	SP	METAL POLE WITH DUAL MAST ARM	7 EA		
0438	7613000000-N	SP	SOIL TEST	36 EA		
0439	7614100000-E	SP	DRILLED PIER FOUNDATION	200.2 CY		
0440	7630000000-N	SP	METAL STRAIN POLE DESIGN	4 EA		
0441	7631000000-N	SP	MAST ARM WITH METAL POLE DESIGN	31 EA		
0442	7636000000-N	1745	SIGN FOR SIGNALS	101 EA		
0443	7642100000-N	1743	TYPE I POST WITH FOUNDATION	27 EA		
0444	7642200000-N	1743	TYPE II PEDESTAL WITH FOUNDATION	73 EA		
0445	7684000000-N	1750	SIGNAL CABINET FOUNDATION	16 EA		
0446	7696000000-N	1751	CONTROLLERS WITH CABINET (**********) (2070LX, BASE MOUNTED)	4 EA		
0447	7901000000-N	1753	CABINET BASE EXTENDER	16 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0448	7948000000-N	1757	TRAFFIC SIGNAL REMOVAL	4 EA		
0449	7960000000-N	SP	METAL POLE FOUNDATION REMOVAL	15 EA		
0450	7972000000-N	SP	METAL POLE REMOVAL	15 EA		
0451	7980000000-N	SP	GENERIC SIGNAL ITEM 10KVA TRANSFORMER	2 EA		
0452	7980000000-N	SP	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE	12 EA		
0453	7980000000-N	SP	GENERIC SIGNAL ITEM CABINET WITH CONTROLLER (2070LX)	12 EA		
0454	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV CAMERA LOWERING SYSTEM	1 EA		
0455	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV OR MVD METAL POLE	4 EA		
0456	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV WOOD POLE	1 EA		
0457	7980000000-N	SP	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT	3 EA		
0458	7980000000-N	SP	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	16 EA		
0459	7980000000-N	SP	GENERIC SIGNAL ITEM INSTALL I-77 MP PROVIDED ITS CABINETS	1 EA		
0460	7980000000-N	SP	GENERIC SIGNAL ITEM LUMINAIRE ARMS	26 EA		
0461	7980000000-N	SP	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTOR - MULTIPLE ZONES	13 EA		
0462	7980000000-N	SP	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTOR - MULTIPLE ZONES (APPROACH)	23 EA		
0463	7980000000-N	SP	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTOR - MULTIPLE ZONES (PRESENCE)	31 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0464	7980000000-N	SP	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE	2 EA		
0465	7980000000-N	SP	GENERIC SIGNAL ITEM NON-INTRUSIVE DETECTION SYSTEM PROCESSOR	12 EA		
0466	7980000000-N	SP	GENERIC SIGNAL ITEM PORTABLE TRAFFIC SIGNAL SYSTEM (ACTUATED)	1 EA		
0467	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR DUAL MAST ARM POLE (RAL 9005 JET BLACK)	5 EA		
0468	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR LUMINAIRE ARMS (RAL 9005 JET BLACK)	26 EA		
0469	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (RAL 9005 JET BLACK)	23 EA		
0470	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR TYPE I PUSHBUTTON POST (RAL 9005 JET BLACK)	27 EA		
0471	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR TYPE II SIGNAL PEDESTAL (RAL 9005 JET BLACK)	73 EA		
0472	7980000000-N	SP	GENERIC SIGNAL ITEM RELOCATE EXISTING TRS BACKUP GENERATOR	1 EA		
0473	7980000000-N	SP	GENERIC SIGNAL ITEM REMOVE EXISTING JUNCTION BOX	35 EA		
0474	7980000000-N	SP	GENERIC SIGNAL ITEM TEMPORARY PORTABLE ITS TRAILER	2 EA		
0475	7980000000-N	SP	GENERIC SIGNAL ITEM TRS CABINET AND GENERATOR FOUNDATION	1 EA		
0476	7980000000-N	SP	GENERIC SIGNAL ITEM VARIABLE SPEED DRILL	1 EA		
0477	7985000000-N	SP	GENERIC SIGNAL ITEM I-77 MOBILITY PARTNERS COORDINATION	Lump Sum	L.S.	

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0478	7985000000-N	SP	GENERIC SIGNAL ITEM REMOVE AND RELOCATE EXISTING ITS EQUIPMENT CABINETS	Lump Sum	L.S.	
0479	7985000000-N	SP	GENERIC SIGNAL ITEM TRAINING FOR NON-INTRUSIVE DETECTION	Lump Sum	L.S.	
0480	7990000000-E	SP	GENERIC SIGNAL ITEM #4 SOLID BARE COPPER GROUNDING CONDUCTOR	240 LF		
0481	7990000000-E	SP	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS	9,725 LF		
0482	7990000000-E	SP	GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCTORS	1,490 LF		
			CULVERT ITEMS			
0483	8130000000-N	414	BOX CULVERT EXCAVATION, STA ******** (19+43.12 -Y2-)	Lump Sum	L.S.	
0484	8130000000-N	414	BOX CULVERT EXCAVATION, STA ******** (20+03.15 -Y2RPB-)	Lump Sum	L.S.	
0485	8130000000-N	414	BOX CULVERT EXCAVATION, STA ******** (20+52.99 -Y2RPA-)	Lump Sum	L.S.	
0486	8130000000-N	414	BOX CULVERT EXCAVATION, STA ******** (21+58.00 -Y49-)	Lump Sum	L.S.	
0487	8130000000-N	414	BOX CULVERT EXCAVATION, STA ******** (463+27.43 -L2-)	Lump Sum	L.S.	
0488	8130000000-N	414	BOX CULVERT EXCAVATION, STA ******** (468+34.19 -L2-)	Lump Sum	L.S.	
0489	8133000000-E	414	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	640 TON		
0490	8196000000-E	420	CLASS A CONCRETE (CULVERT)	1,438.5 CY		
0491	8245000000-E	425	REINFORCING STEEL (CULVERT)	212,831 LB		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
			WALL ITEMS			
0492	8801000000-E	SP	MSE RETAINING WALL NO **** (1)	2,755 SF		
0493	8801000000-E	SP	MSE RETAINING WALL NO **** (10)	985 SF		
0494	8801000000-E	SP	MSE RETAINING WALL NO **** (11)	924 SF		
0495	8801000000-E	SP	MSE RETAINING WALL NO **** (2)	3,214 SF		
0496	8801000000-E	SP	MSE RETAINING WALL NO **** (3)	3,366 SF		
0497	8801000000-E	SP	MSE RETAINING WALL NO **** (4)	2,236 SF		
0498	8801000000-E	SP	MSE RETAINING WALL NO **** (5)	2,608 SF		
0499	8801000000-E	SP	MSE RETAINING WALL NO **** (6)	2,885 SF		
0500	8801000000-E	SP	MSE RETAINING WALL NO **** (7)	2,504 SF		
0501	8801000000-E	SP	MSE RETAINING WALL NO **** (8)	3,014 SF		
0502	8801000000-E	SP	MSE RETAINING WALL NO **** (9)	3,687 SF		
0503	8802040000-E	453	CIP GRAVITY RETAINING WALLS	1,717 SF		
0504	8847000000-E	SP	GENERIC RETAINING WALL ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT	3,687 SF		
0505	8892000000-E	SP	GENERIC STRUCTURE ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL NO NW1)	14,772 SF		
0506	8892000000-E	SP	GENERIC STRUCTURE ITEM SOUND BARRIER WALL	16,916 SF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
			STRUCTURE ITEMS			
0507	3642000000-E	876	RIP RAP, CLASS A	39 TON		
0508	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ********** (29+87.44 -Y2-)	Lump Sum	L.S.	
0509	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ********** (31+15.82 -Y2-)	Lump Sum	L.S.	
0510	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ********** (32+53.16 -Y2-)	Lump Sum	L.S.	
0511	8065000000-N	SP	ASBESTOS ASSESSMENT	Lump Sum	L.S.	
0512	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (1, 20+08.83 -Y1-)	Lump Sum	L.S.	
0513	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (1, 29+87.44 -Y2-)	Lump Sum	L.S.	
0514	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (1, 32+53.16 -Y2-)	Lump Sum	L.S.	
0515	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (10, 15+46.20 -GW-)	Lump Sum	L.S.	
0516	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (2, 15+46.20 -GW-)	Lump Sum	L.S.	
0517	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (2, 29+87.44 -Y2-)	Lump Sum	L.S.	
0518	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (2, 32+53.16 -Y2-)	Lump Sum	L.S.	
0519	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (3, 15+46.20 -GW-)	Lump Sum	L.S.	
0520	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (6, 15+46.20 -GW-)	Lump Sum	L.S.	

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0521	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (7, 15+46.20 -GW-)	Lump Sum	L.S.	
0522	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (8, 15+46.20 -GW-)	Lump Sum	L.S.	
0523	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ********* (9, 15+46.20 -GW-)	Lump Sum	L.S.	
0524	8096000000-E	450	PILE EXCAVATION IN SOIL	78 LF		
0525	8097000000-E	450	PILE EXCAVATION NOT IN SOIL	42 LF		
0526	8105500000-E	411	**'-**" DIA DRILLED PIERS IN SOIL (5'-6")	96.5 LF		
0527	8105560000-E	411	4'-0" DIA DRILLED PIERS IN SOIL	21 LF		
0528	8105600000-E	411	**'-**" DIA DRILLED PIERS NOT IN SOIL (5'-6")	16.5 LF		
0529	8105660000-E	411	4'-0" DIA DRILLED PIERS NOT IN SOIL	8 LF		
0530	8113000000-N	411	SID INSPECTIONS	2 EA		
0531	8115000000-N	411	CSL TESTING	2 EA		
0532	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ******** (15+46.20 -GW-)	Lump Sum	L.S.	
0533	8147000000-E	420	REINFORCED CONCRETE DECK SLAB	47,412 SF		
0534	8156000000-E	SP	CONCRETE WEARING SURFACE	7,069 SF		
0535	8161000000-E	420	GROOVING BRIDGE FLOORS	44,198 SF		
0536	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	1,133.1 CY		

County: MECKLENBURG

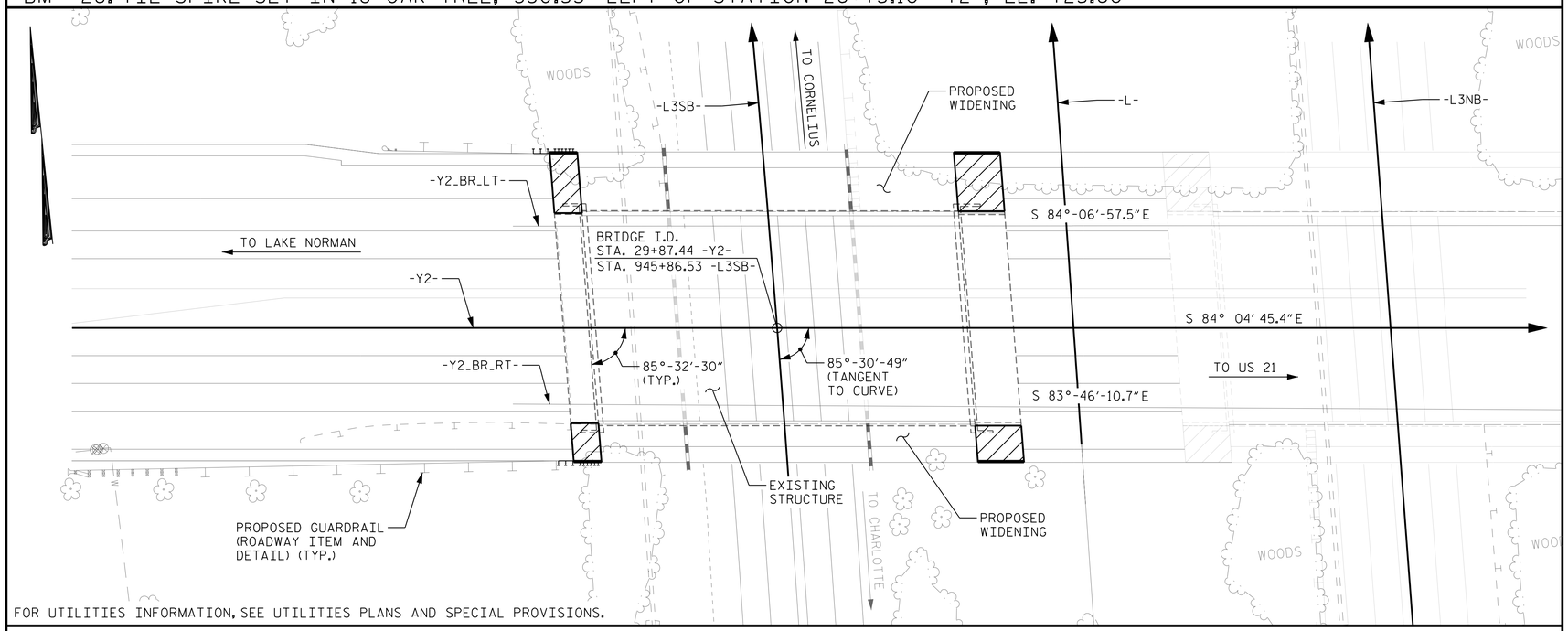
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0537	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** (12+72.18 -Y3-)	Lump Sum	L.S.	
0538	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** (15+46.20 -GW-)	Lump Sum	L.S.	
0539	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** (15+64.95 -Y3-)	Lump Sum	L.S.	
0540	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** (20+08.83 -Y1-)	Lump Sum	L.S.	
0541	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** (23+39.87 -Y1-)	Lump Sum	L.S.	
0542	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** (29+87.44 -Y2-)	Lump Sum	L.S.	
0543	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** (32+53.16 -Y2-)	Lump Sum	L.S.	
0544	8217000000-E	425	REINFORCING STEEL (BRIDGE)	202,236 LB		
0545	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	12,898 LB		
0546	8278000000-E	430	FIB **" PRESTRESSED CONCRETE GIRDERS (63")	1,196.31 LF		
0547	8280000000-E	440	APPROX ..... LBS STRUCTURAL STEEL	1,658,647 LS		
0548	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	170 EA		
0549	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)	93 EA		
0550	8364000000-E	450	HP 12 X 53 STEEL PILES	6,705 LF		
0551	8384000000-E	450	HP 14 X 73 STEEL PILES	6,145 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0552	8475000000-E	460	TWO BAR METAL RAIL	2,147.98 LF		
0553	8517000000-E	460	1'-**" X *****" CONCRETE PARAPET (1'-2" X 2'-6")	2,248.95 LF		
0554	8517000000-E	460	1'-**" X *****" CONCRETE PARAPET (1'-2" X 3'-2 3/4")	859 LF		
0555	8517000000-E	460	1'-**" X *****" CONCRETE PARAPET (1'-5" X 1'-0")	1,250.2 LF		
0556	8531000000-E	462	4" SLOPE PROTECTION	985.3 SY		
0557	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	130 SY		
0558	8654000000-N	SP	DISC BEARINGS	Lump Sum	L.S.	
0559	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0560	8692000000-N	SP	FOAM JOINT SEALS	Lump Sum	L.S.	
0561	8753000000-E	430	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS	2,799 LF		
0562	8860000000-N	SP	GENERIC STRUCTURE ITEM FOUNDATION PREPARTION FOR PEDESTRIAN BRIDGE END BENT 2	Lump Sum	L.S.	
0563	8860000000-N	SP	GENERIC STRUCTURE ITEM PREFABRICATED FULL-THROUGH ARCH TRUSS PEDESTRIAN BRIDGE	Lump Sum	L.S.	
0564	8860000000-N	SP	GENERIC STRUCTURE ITEM SPECIAL APPROACH SLAB	Lump Sum	L.S.	
0565	8860000000-N	SP	GENERIC STRUCTURE ITEM TOWN OF HUNTERSVILLE "H" LOGO WITH BACKLIGHTING	Lump Sum	L.S.	
0566	8867000000-E	SP	GENERIC STRUCTURE ITEM 120" POLYCARBONATE BARRIER	360 LF		
0567	8867000000-E	SP	GENERIC STRUCTURE ITEM MODIFIED TWO BAR METAL RAIL	852.74 LF		
0568	8897000000-N	SP	GENERIC STRUCTURE ITEM TPL TESTING	2 EA		

0941/Nov12/Q4882558.79/D2936090588070/E568 **Total Amount Of Bid For Entire Project :**

BM #26: TIE SPIKE SET IN 18" OAK TREE, 330.53' LEFT OF STATION 26+75.10 -Y2-, EL. 725.60'



FOR UTILITIES INFORMATION, SEE UTILITIES PLANS AND SPECIAL PROVISIONS.

LOCATION SKETCH

NOTES

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.

WIDENING OF BRIDGE NO. 359.

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL PROVIDE INDEPENDENT ASSURANCE SAMPLES OF REINFORCING STEEL AS FOLLOWS: FOR PROJECTS REQUIRING UP TO 400 TONS OF REINFORCING STEEL, ONE 30 INCH SAMPLE OF EACH SIZE BAR USED, AND FOR PROJECTS REQUIRING OVER 400 TONS OF REINFORCING STEEL, TWO 30 INCH SAMPLES OF EACH SIZE BAR USED. THE SAMPLE BARS SHOULD COME FROM STEEL ACTUALLY USED IN THE PROJECT AND THE SAMPLE BARS SHOULD BE REPLACED BY SPLICED BARS AS SPECIFIED IN THE SAMPLE BAR REPLACEMENT CHART. PAYMENT FOR THE SAMPLE BARS AND REPLACEMENT REINFORCING STEEL SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.

THE ELEVATION(S) AND CLEARANCE(S) SHOWN ON THE PLANS AT THE POINT(S) OF MINIMUM VERTICAL CLEARANCE ARE FROM THE BEST INFORMATION AVAILABLE. PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE ELEVATION(S) ON THE EXISTING PAVEMENT AND CHECK THE CLEARANCE. REPORT ANY VARIATIONS TO THE ENGINEER. ANY PLAN REVISIONS NECESSARY TO ACHIEVE THE REQUIRED MINIMUM VERTICAL CLEARANCE WILL BE PROVIDED BY THE DEPARTMENT.

FOR MAINTENANCE AND PROTECTION OF TRAFFIC BENEATH PROPOSED STRUCTURE, SEE SPECIAL PROVISIONS.

REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.

NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.

ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 50W AND PAINTED IN ACCORDANCE WITH SYSTEM 5 OR SYSTEM 6 OF THE STRUCTURAL STEEL SHOP COATINGS PROGRAM AND SECTION 442-8 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS.

THE CLASS AA CONCRETE IN THE BRIDGE DECK SHALL CONTAIN FLY ASH OR GROUND GRANULATED BLAST FURNACE SLAG AT THE SUBSTITUTION RATE SPECIFIED IN ARTICLE 1024-1 AND IN ACCORDANCE WITH ARTICLES 1024-5 AND 1024-6 OF THE STANDARD SPECIFICATIONS. NO PAYMENT WILL BE MADE FOR THIS SUBSTITUTION AS IT IS CONSIDERED INCIDENTAL TO THE COST OF THE REINFORCED CONCRETE DECK SLAB.

THE SUBSTRUCTURE OF THE EXISTING BRIDGE INDICATED ON THE PLANS IS FROM THE BEST INFORMATION AVAILABLE. SINCE THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT OF TRANSPORTATION FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN THE EXISTING BRIDGE SUBSTRUCTURE SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

FOR ASBESTOS ASSESSMENT FOR BRIDGE DEMOLITION AND RENOVATION ACTIVITIES, SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL

	REMOVAL OF EXISTING STRUCTURE AT STATION 29+87.44 -Y2-	ASBESTOS ASSESSMENT	FOUNDATION EXCAVATION FOR BENT 1 AT STATION 29+87.44 -Y2-	FOUNDATION EXCAVATION FOR BENT 2 AT STATION 29+87.44 -Y2-	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	APPROX. 342,653 LBS. STRUCTURAL STEEL	PILE DRIVING EQUIPMENT SETUP FOR HP 12x53 STEEL PILES	HP 12 X 53 STEEL PILES	
	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	SQ. FT.	SQ. FT.	CU. YDS.	LUMP SUM	LBS.	LBS.	LUMP SUM	EA.	NO.	LIN. FT.
SUPERSTRUCTURE					7,616	5,513		LUMP SUM			LUMP SUM			
END BENT 1							21.2		3,588			5	5	210
BENT 1			LUMP SUM				62.4		10,894	1,562		20	20	640
BENT 2				LUMP SUM			65.2		11,100	1,809		20	20	560
END BENT 2							21.5		3,587			5	5	300
TOTAL	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	7,616	5,513	170.3	LUMP SUM	29,169	3,371	LUMP SUM	50	50	1,710

TOTAL BILL OF MATERIAL

	TWO BAR METAL RAIL	1'-2" X 3'-2¾" CONCRETE PARAPET	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	FOAM JOINT SEALS
	LIN. FT.	LIN. FT.	SQ. YD.	LUMP SUM	LUMP SUM
SUPERSTRUCTURE	318.3	325.8		LUMP SUM	LUMP SUM
END BENT 1			189		
BENT 1					
BENT 2					
END BENT 2			241		
TOTAL	318.3	325.8	430	LUMP SUM	LUMP SUM

SAMPLE BAR REPLACEMENT

SIZE	LENGTH
#3	6'-2"
#4	7'-4"
#5	8'-6"
#6	9'-8"
#7	10'-10"
#8	12'-0"
#9	13'-2"
#10	14'-6"
#11	15'-10"

NOTE:
SAMPLE BAR REPLACEMENT LENGTHS BASED ON 30"(SAMPLE LENGTH) PLUS TWO SPLICE LENGTHS AND f_y = 60ksi.

DRAWN BY: T. K. BOYD DATE: 03/26
CHECKED BY: A. D. BRENNER DATE: 03/26
DESIGN ENGINEER OF RECORD: A. L. PHILLIPS DATE: 03/26

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. I-5715
MECKLENBURG COUNTY
STATION: 29+87.44 -Y2-

SHEET 4 OF 4

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 062510 ALICE D. BRENNER
11/10/2026

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NC LICENSE # F-0102

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

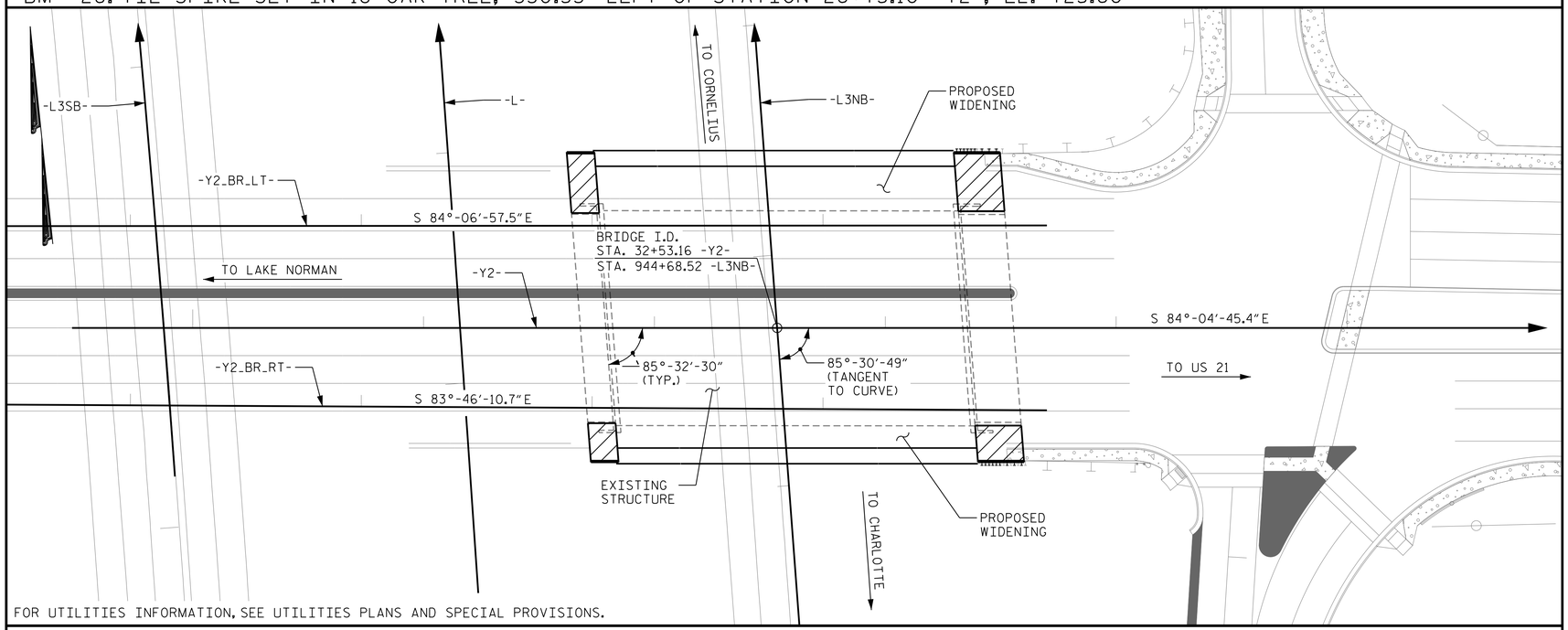
GENERAL DRAWING
LOCATION SKETCH & BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-4
1			3			TOTAL SHEETS
2			4			63

STR. #3

11/10/2026 K:\ROT_Structures_Bridge\NC\011036524 - I-5715 Structure Design\Cad\Dgn\Site #2\Structure 3\Final\403_007_I5715_SMU_G02_590359_004.dgn

BM #26: TIE SPIKE SET IN 18" OAK TREE, 330.53' LEFT OF STATION 26+75.10 -Y2-, EL. 725.60'



FOR UTILITIES INFORMATION, SEE UTILITIES PLANS AND SPECIAL PROVISIONS.

LOCATION SKETCH

TOTAL BILL OF MATERIAL

	REMOVAL OF EXISTING STRUCTURE AT STATION 32+53.16 -Y2-	ASBESTOS ASSESSMENT	FOUNDATION EXCAVATION FOR BENT 1 AT STATION 32+53.16 -Y2-	FOUNDATION EXCAVATION FOR BENT 2 AT STATION 32+53.16 -Y2-	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	APPROX. 328,116 LBS. STRUCTURAL STEEL	PILE DRIVING EQUIPMENT SETUP FOR HP 12x53 STEEL PILES	HP 12 X 53 STEEL PILES	
	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	SQ. FT.	SQ. FT.	CU. YDS.	LUMP SUM	LBS.	LBS.	LUMP SUM	EA.	NO.	LIN. FT.
SUPERSTRUCTURE					7,312	5,229		LUMP SUM			LUMP SUM			
END BENT 1							21.3		3,580			5	5	355
BENT 1			LUMP SUM				62.6		10,944	1,585		20	20	900
BENT 2				LUMP SUM			64.6		11,152	1,755		20	20	680
END BENT 2							21.4		3,616			5	5	360
TOTAL	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	7,312	5,229	169.9	LUMP SUM	29,292	3,340	LUMP SUM	50	50	2,295

TOTAL BILL OF MATERIAL

	TWO BAR METAL RAIL	1'-2" X 3'-2¾" CONCRETE PARAPET	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	FOAM JOINT SEALS
	LIN. FT.	LIN. FT.	SQ. YD.	LUMP SUM	LUMP SUM
SUPERSTRUCTURE	305.3	312.8		LUMP SUM	LUMP SUM
END BENT 1			191		
BENT 1					
BENT 2					
END BENT 2			240		
TOTAL	305.3	312.8	431	LUMP SUM	LUMP SUM

SAMPLE BAR REPLACEMENT

SIZE	LENGTH
#3	6'-2"
#4	7'-4"
#5	8'-6"
#6	9'-8"
#7	10'-10"
#8	12'-0"
#9	13'-2"
#10	14'-6"
#11	15'-10"

NOTE:
SAMPLE BAR REPLACEMENT LENGTHS BASED ON 30"(SAMPLE LENGTH) PLUS TWO SPLICE LENGTHS AND f_y = 60ksi.

NOTES

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.

WIDENING OF BRIDGE NO. 358.

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL PROVIDE INDEPENDENT ASSURANCE SAMPLES OF REINFORCING STEEL AS FOLLOWS: FOR PROJECTS REQUIRING UP TO 400 TONS OF REINFORCING STEEL, ONE 30 INCH SAMPLE OF EACH SIZE BAR USED, AND FOR PROJECTS REQUIRING OVER 400 TONS OF REINFORCING STEEL, TWO 30 INCH SAMPLES OF EACH SIZE BAR USED. THE SAMPLE BARS SHOULD COME FROM STEEL ACTUALLY USED IN THE PROJECT AND THE SAMPLE BARS SHOULD BE REPLACED BY SPLICED BARS AS SPECIFIED IN THE SAMPLE BAR REPLACEMENT CHART. PAYMENT FOR THE SAMPLE BARS AND REPLACEMENT REINFORCING STEEL SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.

THE ELEVATION(S) AND CLEARANCE(S) SHOWN ON THE PLANS AT THE POINT(S) OF MINIMUM VERTICAL CLEARANCE ARE FROM THE BEST INFORMATION AVAILABLE. PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE ELEVATION(S) ON THE EXISTING PAVEMENT AND CHECK THE CLEARANCE. REPORT ANY VARIATIONS TO THE ENGINEER. ANY PLAN REVISIONS NECESSARY TO ACHIEVE THE REQUIRED MINIMUM VERTICAL CLEARANCE WILL BE PROVIDED BY THE DEPARTMENT.

FOR MAINTENANCE AND PROTECTION OF TRAFFIC BENEATH PROPOSED STRUCTURE, SEE SPECIAL PROVISIONS.

REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.

NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.

ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 50W AND PAINTED IN ACCORDANCE WITH SYSTEM 5 OR SYSTEM 6 OF THE STRUCTURAL STEEL SHOP COATINGS PROGRAM AND SECTION 442-8 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS.

THE CLASS AA CONCRETE IN THE BRIDGE DECK SHALL CONTAIN FLY ASH OR GROUND GRANULATED BLAST FURNACE SLAG AT THE SUBSTITUTION RATE SPECIFIED IN ARTICLE 1024-1 AND IN ACCORDANCE WITH ARTICLES 1024-5 AND 1024-6 OF THE STANDARD SPECIFICATIONS. NO PAYMENT WILL BE MADE FOR THIS SUBSTITUTION AS IT IS CONSIDERED INCIDENTAL TO THE COST OF THE REINFORCED CONCRETE DECK SLAB.

THE SUBSTRUCTURE OF THE EXISTING BRIDGE INDICATED ON THE PLANS IS FROM THE BEST INFORMATION AVAILABLE. SINCE THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT OF TRANSPORTATION FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN THE EXISTING BRIDGE SUBSTRUCTURE SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

FOR ASBESTOS ASSESSMENT FOR BRIDGE DEMOLITION AND RENOVATION ACTIVITIES, SEE SPECIAL PROVISIONS.

PROJECT NO. I-5715
MECKLENBURG COUNTY
STATION: 32+53.16 -Y2-

SHEET 4 OF 6

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 062510 ENGINEER ALICE D. BRENNER
11/10/2026

DRAWN BY: T. K. BOYD DATE: 4/26
CHECKED BY: A. D. BRENNER DATE: 4/26
DESIGN ENGINEER OF RECORD: A. L. PHILLIPS DATE: 4/26

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
LOCATION SKETCH & BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S4-4
1			3			TOTAL SHEETS
2			4			63

STR. #4

K:\ROT_Structures_Bridge\NC\011036524 - I-5715 Structure Design\Cad\Dgn\Site #2\Structure 4\Final\404.007_I5715_SMU_G02_590358_004.dgn
11/10/2026