



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

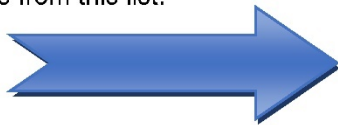
ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

IMPORTANT NOTICE

Upcoming Opportunities for DBE Firms to Participate on NCDOT Projects

As part of the North Carolina Department of Transportation's continuing commitment to promote Disadvantaged/Minority/Women Business Enterprise (D/M/WBE) participation, the Division of Highways Chief Engineer's Office would like to remind you of the broad range of construction, maintenance, and operational opportunities available within NCDOT. One of these opportunities is the monthly advertisement of Central Let projects with letting held on the third Tuesday of each month. NCDOT is requesting bids for the following projects. If your firm is eligible to bid (i.e., prequalified as a Bidder), you can download and print the bid related items from this list.



[Central Highway Letting](#)

If you are interested in providing subcontractor work for any of these projects, we strongly encourage you to solicit each of the contractors bidding on these projects to see if they are interested in receiving a quote. A list of interested parties with their contact information is listed for each project being advertised.



[Central Plan Holder List](#)

I would like to personally thank you for your time in considering this opportunity with the North Carolina Department of Transportation.

Sincerely,

Ronald L. Keeter, Jr, PE
Chief Engineer
Division of Highways

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
OFFICE OF THE CHIEF ENGINEER
MAIL SERVICE CENTER 1536
RALEIGH, NC 27699-1536

Telephone 919-707-2500
Fax: 919-733-9428
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON OCTOBER 19, 2021. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. CERTIFICATION FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<https://connect.ncdot.gov/letting/Pages/Central-Letting-Forms.aspx>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTORS LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES MANAGEMENT SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES MANAGEMENT SECTION AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY ENSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C., 27610. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7.25% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS SEPTEMBER 21, 2021.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 15 Aug 2019)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Sterling D Baker, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	R. Preston Hunter, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	D. Chad Kimes, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Kevin G Bowen, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Brandon H Jones, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	Wright R Archer, III, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Patrick Norman, PE	121 DOT DRIVE	CARTHAGE	(910) 773-8000
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Brett D Canipe	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Mark E Stafford, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Mark T Gibbs, PE	PO BOX 3279	ASHEVILLE	(828) 250-3000
00014	Wanda H Austin, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== **SUMMARY OF PROPOSALS** =====

Bid Letting Number L211019				
RPN	Contract Id	WBS	County	Length JobType
001	C204182	41162.3.1	DARE	4.204 MI GRADING, DRAINAGE, PAVING, AND SAFETY IMPROVEMENTS.
002	C204515	17BP.2.R.92	PITT	0.113 MI GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C204666	2022CPT.05.05.20351.1 ETC.	FRANKLIN, GRANVILLE	16.858 MI MILLING, RESURFACING AND SHOULDER GRADING.
004	C204667	2022CPT.05.08.10321.1 ETC.	DURHAM	17.071 MI MILLING, RESURFACING AND SHOULDER GRADING.
005	C204404	39049.3.2	CUMBERLAND	2.102 MI GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
006	C204639	45882.3.1	ROBESON	13.000 MI PAVEMENT REHAB, GUARDRAIL, DRAINAGE, AND BRIDGE REHAB.
007	C204303	15BPR.39	ROCKINGHAM	0.098 MI BRIDGE PRESERVATION.
008	C204668	2022CPT.08.08.10631	MOORE	18.325 MI MILLING, RESURFACING AND SHOULDER GRADING.
009	C204669	2022CPT.08.09.20761	RANDOLPH	21.440 MI MILLING, RESURFACING, AND SHOULDER GRADING.
010	C204446	38443.3.3	DAVIDSON, ROWAN, STANLY	1.136 MI GRADING, DRAINAGE, PAVING, AND STRUCTURE.
011	C204399	50195.3.1	DAVIDSON	1.362 MI GRADING, DRAINAGE, PAVING, AND STRUCTURE.
012	C204027	52024.3.4	MECKLENBURG	1.330 MI GRADING, DRAINAGE, PAVING, AND BRIDGE REHABILITATION.
*013	C204657	15614.1075010	POLK	0.892 MI GRADING, DRAINAGE, AND PAVING.

Bid Letting Number L211116				
RPN	Contract Id	WBS	County	Length JobType
001	C204123	41582.3.1	BRUNSWICK	7.244 MI GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

*NOTE: RPN 013, C204657, POLK COUNTY HAS A MANDATORY PRE-BID CONFERENCE ON TUESDAY, OCTOBER 5, 2021 AT 1:00PM. CONFERENCE IS ON-SITE ALONG THE LOWER SIDE OF OLD HOWARD GAP ROAD (EAST OF THE PRIMARY FAILURE LOCATION). CONTACT JEANETTE WHITE, PE, AT JLWHITE5@NCDOT.GOV OR 828-586-2141.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L211019 001

CONTRACT ID : C204182 41162.3.1

DIV OFFICE EDENTON

LENGTH = 4.204 MI

COUNTY : DARE

GRADING, DRAINAGE, PAVING, AND SAFETY IMPROVEMENTS.

DBE GOAL 8.0% COMPLETION DATE : MAR 13 2024

SR-1217 (COLINGTON RD) FROM DEAD END TO US-158 (CROATAN HWY) IN KILL DEVIL HILLS.

		ROADWAY ITEMS			
			2,320	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
			448	CY	SUBDRAIN EXCAVATION
Lump Sum	LS	MOBILIZATION	2,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
Lump Sum	LS	CONSTRUCTION SURVEYING	336	CY	SUBDRAIN COARSE AGGREGATE
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	2,000	LF	6" PERFORATED SUBDRAIN PIPE
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	4	EA	SUBDRAIN PIPE OUTLET
	7,350	CY UNCLASSIFIED EXCAVATION	24	LF	6" OUTLET PIPE
	9,180	CY UNDERCUT EXCAVATION	4.06	CY	PIPE COLLARS
	21,150	CY BORROW EXCAVATION	36	EA	MASONRY DRAINAGE STRUCTURES
	40	CY DRAINAGE DITCH EXCAVATION	26	EA	FRAME WITH TWO GRATES, STD 840.16
	8,280	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	4	EA	FRAME WITH TWO GRATES, STD 840.24
	410	SY BREAKING OF EXISTING ASPHALT PAVEMENT	2	EA	FRAME WITH TWO GRATES, STD 840.29
	9,180	CY SELECT GRANULAR MATERIAL	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
	24,900	SY GEOTEXTILE FOR SOIL STABILIZATION	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
	343	SF TEMPORARY SHORING	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	600	SY GEOTEXTILE FOR ROCK EMBANKMENTS	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	1,280	SY ROCK PLATING	1	EA	FRAME WITH COVER, STD 840.54
	100	TON GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
	1,710	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	440	LF	2'-6" CONCRETE CURB & GUTTER
	2,600	SY FOUNDATION CONDITIONING GEOTEXTILE	320	SY	4" CONCRETE SIDEWALK
	1,332	LF ***** RC PIPE CULVERTS, CLASS IV (12")	5	EA	CONCRETE CURB RAMPS
	2,580	LF 15" RC PIPE CULVERTS, CLASS IV	2,005	SY	6" CONCRETE DRIVEWAY
	900	LF 18" RC PIPE CULVERTS, CLASS IV	100	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	360	LF 24" RC PIPE CULVERTS, CLASS IV	114	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
	8	LF 30" RC PIPE CULVERTS, CLASS IV	3,525	LF	STEEL BEAM GUARDRAIL
	12	LF *** CAA PIPE CULVERTS, ***** THICK (18", 0.105")	125	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
	12	LF *** CAA PIPE CULVERTS, ***** THICK (36", 0.135")	2	EA	25' CLEAR SPAN GUARDRAIL SECTIONS
	128	LF *** CAA PIPE CULVERTS, ***** THICK (42", 0.135")	25	EA	EXTRA LENGTH GUARDRAIL POST (** STEEL) (8')
	216	LF *** CAA PIPE CULVERTS, ***** THICK (48", 0.164")	5	EA	ADDITIONAL GUARDRAIL POSTS
	172	LF *** CAA PIPE CULVERTS, ***** THICK (60", 0.164")	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
	72	LF GENERIC PIPE ITEM 35" X 24" CORRUGATED ALUMINUM PIPE ARCH, 0.105" THICK (12 GAUGE)	3	EA	GUARDRAIL END UNITS, TYPE AT-1
	6	EA GENERIC PIPE ITEM ALUMINUM HEADWALL, 0.150" THICK (CONTRACTOR DESIGNED)	11	EA	GUARDRAIL END UNITS, TYPE TL-3
	2,155	LF PIPE REMOVAL	8	EA	GUARDRAIL END UNITS, TYPE TL-2
	6	EA PIPE CLEAN OUT	2,878	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	FINE GRADING	60	TON	RIP RAP, CLASS I
	240	TON #57 STONE	450	TON	RIP RAP, CLASS II
	5,500	CY SHALLOW UNDERCUT	220	TON	RIP RAP, CLASS A
	10,945	TON CLASS IV SUBGRADE STABILIZATION	301	TON	RIP RAP, CLASS B
	5,000	TON CLASS IV AGGREGATE STABILIZATION	1,370	SY	GEOTEXTILE FOR DRAINAGE
	1,625	TON INCIDENTAL STONE BASE	200	SF	GENERIC WALL ITEM TIMBER RETAINING WALL (# 1)
	1,130	SY MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")	600	SF	GENERIC WALL ITEM TIMBER RETAINING WALL (# 2)
	2,500	SY INCIDENTAL MILLING	20	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	17,580	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	1,400	LF	SUPPORTS, WOOD
	7,900	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	2	EA	SIGN ERECTION, TYPE D
	13,470	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	90	EA	SIGN ERECTION, TYPE E
	2,075	TON ASPHALT BINDER FOR PLANT MIX	1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
			1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (B)
			2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
			5	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
			6	EA	DISPOSAL OF SUPPORT, WOOD
			73	EA	DISPOSAL OF SIGN SYSTEM, WOOD

			100	SY	PERMANENT SOIL REINFORCEMENT MAT
			1,200	LF	1/4" HARDWARE CLOTH
			780	SY	FLOATING TURBIDITY CURTAIN
			3,000	LF	COIR FIBER WATTLE
			400	LB	POLYACRYLAMIDE (PAM)
			145	LF	COIR FIBER BAFFLE
			9	ACR	SEEDING & MULCHING
			6	ACR	MOWING
			100	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			200	LB	SEED FOR SUPPLEMENTAL SEEDING
			5.75	TON	FERTILIZER TOPDRESSING
			620	LF	IMPERVIOUS DIKE
			10	MHR	SPECIALIZED HAND MOWING
			25	EA	RESPONSE FOR EROSION CONTROL
			8	EA	CONCRETE WASHOUT STRUCTURE
			5	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
			2,790	LF	SIGNAL CABLE
			2	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)
			6	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
			2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
			1,760	LF	UNPAVED TRENCHING (***** (1, 2"))
			39	LF	UNPAVED TRENCHING (***** (2, 2"))
			345	LF	DIRECTIONAL DRILL (***** (1, 2"))
			90	LF	DIRECTIONAL DRILL (***** (2, 2"))
			26	EA	JUNCTION BOX (STANDARD SIZE)
			2,170	LF	INDUCTIVE LOOP SAWCUT
			6,545	LF	LEAD-IN CABLE (***** (14-2))
			3	EA	METAL POLE WITH SINGLE MAST ARM
			3	EA	SOIL TEST
			45	CY	DRILLED PIER FOUNDATION
			3	EA	MAST ARM WITH METAL POLE DESIGN
			2	EA	SIGN FOR SIGNALS
			5	EA	TYPE II PEDESTAL WITH FOUNDATION
			1	EA	SIGNAL CABINET FOUNDATION
			1	EA	CONTROLLERS WITH CABINET (***** (2070E, BASE MOUNTED))
			17	EA	DETECTOR CARD (TYPE 170)
			1	EA	CABINET BASE EXTENDER
			2	EA	METAL POLE FOUNDATION REMOVAL
			2	EA	METAL POLE REMOVAL
186	SF	WORK ZONE SIGNS (STATIONARY)			
384	SF	WORK ZONE SIGNS (PORTABLE)			
1	EA	FLASHING ARROW BOARD			
1	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
150	EA	DRUMS			
100	EA	CONES			
300	LF	BARRICADES (TYPE III)			
1,102	DAY	FLAGGER			
301	LF	WATER FILLED BARRIER			
240	HR	LAW ENFORCEMENT			
285	EA	TEMPORARY RAISED PAVEMENT MARKERS			
101,491	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
1,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)			
88	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
8,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)			
282,775	LF	PAINT PAVEMENT MARKING LINES (4")			
1,410	LF	PAINT PAVEMENT MARKING LINES (8")			
2,286	LF	PAINT PAVEMENT MARKING LINES (24")			
36	EA	PAINT PAVEMENT MARKING CHARACTER			
93	EA	PAINT PAVEMENT MARKING SYMBOL			
8,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
1,800	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			
362	EA	PERMANENT RAISED PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
50	LF	2" WATER LINE			
20	LF	4" WATER LINE			
500	LF	6" WATER LINE			
90	LF	8" WATER LINE			
15,500	LF	12" WATER LINE			
54,770	LB	DUCTILE IRON WATER PIPE FITTINGS			
4	EA	2" VALVE			
1	EA	4" VALVE			
23	EA	6" VALVE			
4	EA	8" VALVE			
30	EA	12" VALVE			
10	EA	1" AIR RELEASE VALVE			
1	EA	*** WATER METER (1")			
18	EA	3/4" WATER METER			
8	EA	RELOCATE WATER METER			
67	EA	RECONNECT WATER METER			
6	EA	FIRE HYDRANT			
13	EA	RELOCATE FIRE HYDRANT			
1	EA	8" LINE STOP			
100	LF	6" FORCE MAIN SEWER			
900	LF	ABANDON 6" UTILITY PIPE			
2,510	LF	ABANDON 8" UTILITY PIPE			
18	EA	REMOVE WATER METER			
2	EA	REMOVE FIRE HYDRANT			
330	LF	16" ENCASEMENT PIPE			
100	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT WATER LINE			
50	CY	GENERIC UTILITY ITEM REINFORCED CONCRETE ENCASEMENT AND SUPPORTS			
40,020	LF	TEMPORARY SILT FENCE			
375	TON	STONE FOR EROSION CONTROL, CLASS A			
730	TON	STONE FOR EROSION CONTROL, CLASS B			
535	TON	SEDIMENT CONTROL STONE			
7.5	ACR	TEMPORARY MULCHING			
500	LB	SEED FOR TEMPORARY SEEDING			
2.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
585	LF	TEMPORARY SLOPE DRAINS			
9,400	LF	SAFETY FENCE			
970	CY	SILT EXCAVATION			
29,800	SY	MATting FOR EROSION CONTROL			
1,680	SY	COIR FIBER MAT			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 002

CONTRACT ID : C204515 17BP.2.R.92

DIV OFFICE GREENVILLE

LENGTH = 0.113 MI

COUNTY : PITT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : FEB 02 2023

BRIDGE #171 OVER JOHNSON MILL RUN ON SR-1418 (STATON HOUSE RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
Lump Sum	LS	CONSTRUCTION SURVEYING	
Lump Sum	LS	TYPE II MODIFIED APPROACH FILL, STATION ***** (13+78.50 -L-)	
300	CY	UNDERCUT EXCAVATION	
Lump Sum	LS	GRADING	
0.1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	
300	CY	SELECT GRANULAR MATERIAL	
300	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	
20	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	
60	SY	FOUNDATION CONDITIONING GEO- TEXTILE	
64	LF	15" SIDE DRAIN PIPE	
64	LF	18" SIDE DRAIN PIPE	
40	LF	18" RC PIPE CULVERTS, CLASS IV	
153	LF	PIPE REMOVAL	
56	TON	AGGREGATE BASE COURSE	
100	TON	INCIDENTAL STONE BASE	
170	SY	INCIDENTAL MILLING	
465	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	
330	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
45	TON	ASPHALT BINDER FOR PLANT MIX	
45	CY	SUBDRAIN EXCAVATION	
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	
34	CY	SUBDRAIN COARSE AGGREGATE	
200	LF	6" PERFORATED SUBDRAIN PIPE	
1	EA	SUBDRAIN PIPE OUTLET	
6	LF	6" OUTLET PIPE	
2	EA	MASONRY DRAINAGE STRUCTURES	
2	EA	FRAME WITH TWO GRATES, STD 840.29	
31	LF	SHOULDER BERM GUTTER	
50	SY	6" CONCRETE DRIVEWAY	
50	LF	STEEL BEAM GUARDRAIL	
25	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	
5	EA	ADDITIONAL GUARDRAIL POSTS	
1	EA	GUARDRAIL END UNITS, TYPE AT-1	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
3	EA	GUARDRAIL END UNITS, TYPE TL-3	
105	TON	RIP RAP, CLASS I	
20	TON	RIP RAP, CLASS B	
370	SY	GEOTEXTILE FOR DRAINAGE	
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL	
192	LF	4" WATER LINE	
300	LF	6" WATER LINE	
410	LB	DUCTILE IRON WATER PIPE FITTINGS	
2	EA	4" TAPPING SLEEVE & VALVE	
1	EA	RELOCATE WATER METER	
1	EA	RECONNECT WATER METER	
118	LF	WATER SERVICE LINE	
469	LF	ABANDON *** UTILITY PIPE (4")	
300	LF	DIRECTIONAL DRILLING OF *** (6")	
190	LF	TEMPORARY SILT FENCE	
35	TON	STONE FOR EROSION CONTROL, CLASS A	
65	TON	STONE FOR EROSION CONTROL, CLASS B	
25	TON	SEDIMENT CONTROL STONE	
0.5	ACR	TEMPORARY MULCHING	
100	LB	SEED FOR TEMPORARY SEEDING	
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	

200	LF	TEMPORARY SLOPE DRAINS	
510	LF	SAFETY FENCE	
50	CY	SILT EXCAVATION	
850	SY	MATTING FOR EROSION CONTROL	
100	SY	COIR FIBER MAT	
55	LF	1/4" HARDWARE CLOTH	
215	SY	FLOATING TURBIDITY CURTAIN	
280	LF	COIR FIBER WATTLE	
60	LB	POLYACRYLAMIDE (PAM)	
0.5	ACR	SEEDING & MULCHING	
0.5	ACR	MOWING	
50	LB	SEED FOR REPAIR SEEDING	
0.25	TON	FERTILIZER FOR REPAIR SEEDING	
50	LB	SEED FOR SUPPLEMENTAL SEEDING	
0.5	TON	FERTILIZER TOPDRESSING	
10	MHR	SPECIALIZED HAND MOWING	
19	EA	RESPONSE FOR EROSION CONTROL	
2	EA	CONCRETE WASHOUT STRUCTURE	

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+78.50 -L-)	
Lump Sum	LS	ASBESTOS ASSESSMENT	
1	EA	PDA TESTING	
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (13+78.50 -L-)	
44.5	CY	CLASS A CONCRETE (BRIDGE)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+78.50 -L-)	
7,214	LB	REINFORCING STEEL (BRIDGE)	
14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	
8	EA	PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (HP 14 X 73)	
875	LF	HP12X53 STEEL PILES	
640	LF	HP14X73 GALVANIZED STEEL PILES	
10	EA	PILE REDRIVES	
170.28	LF	VERTICAL CONCRETE BARRIER RAIL	
180	TON	RIP RAP CLASS II (2'-0" THICK)	
200	SY	GEOTEXTILE FOR DRAINAGE	
Lump Sum	LS	ELASTOMERIC BEARINGS	
935	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS	
166.28	LF	GENERIC STRUCTURE ITEM FIBER OPTIC CONDUIT SYSTEM	

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 003

CONTRACT ID : C204666 2022CPT.05.05.20351.1 DIV OFFICE DURHAM

LENGTH = 16.858 MI

COUNTY : FRANKLIN, GRANVILLE

MILLING, RESURFACING AND SHOULDER GRADING.

DBE GOAL 7.0% COMPLETION DATE : JUL 01 2023

51 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,616	CY	BORROW EXCAVATION
33.75	SMI	GENERIC GRADING ITEM SHOULDER GRADING
841	TON	INCIDENTAL STONE BASE
131	TON	AGGREGATE SHOULDER BORROW
3,287	SY	INCIDENTAL MILLING
16,807	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,126	TON	ASPHALT BINDER FOR PLANT MIX
6,583	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,915	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
83,697	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,351	LF	TEMPORARY SILT FENCE
6,140	LF	WATTLE
23.5	ACR	SEEDING & MULCHING
8	EA	RESPONSE FOR EROSION CONTROL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 004

CONTRACT ID : C204667 2022CPT.05.08.10321.1 DIV OFFICE DURHAM

LENGTH = 17.071 MI

COUNTY : DURHAM

MILLING, RESURFACING AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : AUG 01 2023

1 SECTION OF US-70 BUSINESS, 1 SECTION OF NC-55, 2 SECTIONS OF NC-54, AND 27 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS				
				2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
				4,485	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 50 MILS)
				150	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
				2,219	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
				884	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
				937	LF	TEMPORARY SILT FENCE
				2,490	LF	WATTLE
				9,37	ACR	SEEDING & MULCHING
				24	EA	RESPONSE FOR EROSION CONTROL
				8,450	LF	INDUCTIVE LOOP SAWCUT
Lump Sum	LS	MOBILIZATION				
626	CY	BORROW EXCAVATION				
23.08	SMI	GENERIC GRADING ITEM SHOULDER GRADING				
150	TON	AGGREGATE BASE COURSE				
578	TON	INCIDENTAL STONE BASE				
977	TON	AGGREGATE SHOULDER BORROW				
219,305	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")				
53	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/4")				
6,129	SY	INCIDENTAL MILLING				
14,371	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
16,478	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C				
1,952	TON	ASPHALT BINDER FOR PLANT MIX				
8,739	TON	PATCHING EXISTING PAVEMENT				
606	LF	2'-6" CONCRETE CURB & GUTTER				
221	SY	4" CONCRETE SIDEWALK				
50	EA	RETROFIT EXISTING CURB RAMPS				
3	EA	CONCRETE CURB RAMPS				
79	EA	REMOVE AND REPLACE CURB RAMPS				
39	SY	GENERIC PAVING ITEM REMOVE CONCRETE SIDEWALK				
27	EA	GENERIC PAVING ITEM REMOVE CURB RAMPS				
44	EA	ADJUSTMENT OF MANHOLES				
56	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
1,915	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING				
180	LF	PEDESTRIAN CHANNELIZING DEVICES				
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL				
840	HR	LAW ENFORCEMENT				
8	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICE				
30	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)				
249,976	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
4,879	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)				
78	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)				
417	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
40	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)				
165,056	LF	PAINT PAVEMENT MARKING LINES (4")				
210	LF	PAINT PAVEMENT MARKING LINES (6")				
4,669	LF	PAINT PAVEMENT MARKING LINES (8")				
130	LF	PAINT PAVEMENT MARKING LINES (12")				
150	LF	PAINT PAVEMENT MARKING LINES (16")				
2,219	LF	PAINT PAVEMENT MARKING LINES (24")				
78	EA	PAINT PAVEMENT MARKING CHARACTER				
414	EA	PAINT PAVEMENT MARKING SYMBOL				
4,485	LF	REMOVAL OF PAVEMENT MARKING LINES (4")				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L211019 005

CONTRACT ID : C204404 39049.3.2

DIV OFFICE FAYETTEVILLE

LENGTH = 2.102 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : FEB 28 2025

US-401 FROM OLD RAEFORD RD TO EAST OF NC-162 (BUNCE RD).

ROADWAY ITEMS					
			16,490	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
			5,000	SY	INCIDENTAL MILLING
Lump Sum	LS	MOBILIZATION	17,990	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
Lump Sum	LS	CONSTRUCTION SURVEYING	18,360	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	2,140	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	17,590	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,300	CY	UNCLASSIFIED EXCAVATION	2,895	TON	ASPHALT BINDER FOR PLANT MIX
1,100	CY	UNDERCUT EXCAVATION	1,242	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
53,300	CY	BORROW EXCAVATION	45	CY	SUBDRAIN EXCAVATION
890	CY	DRAINAGE DITCH EXCAVATION	200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
2,730	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	34	CY	SUBDRAIN COARSE AGGREGATE
1,200	CY	SELECT GRANULAR MATERIAL	200	LF	6" PERFORATED SUBDRAIN PIPE
8,700	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	1	EA	SUBDRAIN PIPE OUTLET
1,272	SF	TEMPORARY SHORING	6	LF	6" OUTLET PIPE
100	TON	GENERIC GRADING ITEM	11.7	CY	ENDWALLS
		HAULING AND DISPOSAL OF PETRO- LEUM CONTAMINATED SOIL	207.5	CY	REINFORCED ENDWALLS
3,822	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	24.72	CY	PIPE COLLARS
13,382	SY	FOUNDATION CONDITIONING GEO- TEXTILE	3.75	CY	PIPE PLUGS
268	LF	*** DRAINAGE PIPE (54")	64	CY	FLOWABLE FILL
52	LF	*** DRAINAGE PIPE (66")	213	EA	MASONRY DRAINAGE STRUCTURES
52	LF	12" DRAINAGE PIPE	57.233	CY	MASONRY DRAINAGE STRUCTURES
1,076	LF	15" DRAINAGE PIPE	155.6	LF	MASONRY DRAINAGE STRUCTURES
636	LF	18" DRAINAGE PIPE	81	EA	FRAME WITH GRATE, STD 840.**** (840.16)
140	LF	24" DRAINAGE PIPE	5	EA	FRAME WITH TWO GRATES, STD 840.24
604	LF	30" DRAINAGE PIPE	8	EA	FRAME WITH TWO GRATES, STD 840.29
60	LF	36" DRAINAGE PIPE	14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
768	LF	42" DRAINAGE PIPE	53	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
572	LF	48" DRAINAGE PIPE	47	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
2	EA	*** DRAINAGE PIPE ELBOWS (12")	16	EA	FRAME WITH COVER, STD 840.54
4	EA	*** DRAINAGE PIPE ELBOWS (30")	36	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
60	LF	15" SIDE DRAIN PIPE	110	LF	***X *** CONCRETE CURB (8" X 12")
100	LF	***** RC PIPE CULVERTS, CLASS ***** (66", V)	9,270	LF	1'-6" CONCRETE CURB & GUTTER
20	LF	48" RC PIPE CULVERTS, CLASS III	22,690	LF	2'-6" CONCRETE CURB & GUTTER
44	LF	60" RC PIPE CULVERTS, CLASS III	10,505	SY	4" CONCRETE SIDEWALK
48	LF	66" RC PIPE CULVERTS, CLASS III	89	EA	CONCRETE CURB RAMPS
40	LF	72" RC PIPE CULVERTS, CLASS III	1,209	SY	6" CONCRETE DRIVEWAY
652	LF	***** RC PIPE CULVERTS, CLASS IV (48")	2,500	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1,024	LF	***** RC PIPE CULVERTS, CLASS IV (54")	3	EA	ADJUSTMENT OF CATCH BASINS
7,384	LF	15" RC PIPE CULVERTS, CLASS IV	1	EA	ADJUSTMENT OF DROP INLETS
1,416	LF	18" RC PIPE CULVERTS, CLASS IV	30	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,964	LF	24" RC PIPE CULVERTS, CLASS IV	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
1,132	LF	30" RC PIPE CULVERTS, CLASS IV	1,125	LF	STEEL BEAM GUARDRAIL
1,648	LF	36" RC PIPE CULVERTS, CLASS IV	5	EA	ADDITIONAL GUARDRAIL POSTS
1,240	LF	42" RC PIPE CULVERTS, CLASS IV	4	EA	GUARDRAIL END UNITS, TYPE CAT-1
84	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (72", 1.000")	4	EA	GUARDRAIL END UNITS, TYPE TL-3
84	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1.000")	300	TON	RIP RAP, CLASS I
950	LF	GENERIC PIPE ITEM 4" PVC SLEEVE	620	TON	RIP RAP, CLASS II
8,542	LF	PIPE REMOVAL	60	TON	RIP RAP, CLASS B
Lump Sum	LS	FINE GRADING	1,850	SY	GEOTEXTILE FOR DRAINAGE
1,300	CY	SHALLOW UNDERCUT	2,746	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3,850	TON	CLASS IV SUBGRADE STABILIZA- TION	4	EA	SIGN ERECTION, TYPE D
1,500	TON	INCIDENTAL STONE BASE	171	EA	SIGN ERECTION, TYPE E
			11	EA	SIGN ERECTION, TYPE F
			24	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (D)

139	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	20	EA	GENERIC UTILITY ITEM 24" NITRILE PIPE GASKET
24	EA	DISPOSAL OF SUPPORT, U-CHANNEL	2	EA	GENERIC UTILITY ITEM ADJUSTMENT OF BRICK AND MORTAR MANHOLES
480	SF	WORK ZONE SIGNS (STATIONARY)	5	EA	GENERIC UTILITY ITEM ADJUSTMENT OF PRECAST MANHOLES
480	SF	WORK ZONE SIGNS (PORTABLE)	3.5	LF	GENERIC UTILITY ITEM MAJOR DRAINAGE STRUCTURES AND BRICK AND MORTAR MANHOLES
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	3.5	LF	GENERIC UTILITY ITEM MAJOR DRAINAGE STRUCTURES AND PRECAST MANHOLES
2	EA	FLASHING ARROW BOARD	220.5	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT ON 16" DIA MAIN
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	220.5	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT ON 24" DIA MAIN
175	EA	DRUMS	14,000	LF	TEMPORARY SILT FENCE
100	EA	CONES	630	TON	STONE FOR EROSION CONTROL, CLASS A
32	LF	BARRICADES (TYPE III)	905	TON	STONE FOR EROSION CONTROL, CLASS B
64	LF	PEDESTRIAN CHANNELIZING DE- VICES	2,520	TON	SEDIMENT CONTROL STONE
100	DAY	FLAGGER	60	ACR	TEMPORARY MULCHING
2	EA	TMA	1,100	LB	SEED FOR TEMPORARY SEEDING
500	HR	LAW ENFORCEMENT	6.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
75	EA	SKINNY DRUM	885	LF	TEMPORARY SLOPE DRAINS
37,899	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	800	LF	SAFETY FENCE
10,250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,500	CY	SILT EXCAVATION
90	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	60,000	SY	MATTING FOR EROSION CONTROL
179	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	100	SY	COIR FIBER MAT
625	LF	PAINT PAVEMENT MARKING LINES (4")	125	SY	PERMANENT SOIL REINFORCEMENT MAT
2,140	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	8,750	LF	1/4" HARDWARE CLOTH
1,691	EA	PERMANENT RAISED PAVEMENT MARKERS	20	SY	LOW PERMEABILITY GEOTEXTILE
Lump Sum	LS	PORTABLE LIGHTING	6	EA	SPECIAL STILLING BASINS
747	LF	2" WATER LINE	4,100	LF	COIR FIBER WATTLE
609	LF	6" WATER LINE	1,100	LB	POLYACRYLAMIDE (PAM)
247	LF	8" WATER LINE	450	LF	COIR FIBER BAFFLE
4,199	LF	12" WATER LINE	1	EA	*** SKIMMER (1-1/2")
880	LF	16" WATER LINE	18	ACR	SEEDING & MULCHING
6,484	LF	24" WATER LINE	9	ACR	MOWING
98,466	LB	DUCTILE IRON WATER PIPE FITTINGS	200	LB	SEED FOR REPAIR SEEDING
21	EA	6" VALVE	0.75	TON	FERTILIZER FOR REPAIR SEEDING
4	EA	8" VALVE	450	LB	SEED FOR SUPPLEMENTAL SEEDING
7	EA	12" VALVE	13	TON	FERTILIZER TOPDRESSING
2	EA	16" VALVE	455	LF	IMPERVIOUS DIKE
9	EA	24" VALVE	10	MHR	SPECIALIZED HAND MOWING
1	EA	8" TAPPING SLEEVE & VALVE	25	EA	RESPONSE FOR EROSION CONTROL
2	EA	12" TAPPING SLEEVE & VALVE	4	EA	CONCRETE WASHOUT STRUCTURE
5	EA	24" TAPPING SLEEVE & VALVE	61	CY	CULVERT DIVERSION CHANNEL
4	EA	*** WATER METER (1")	75	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
5	EA	1-1/2" WATER METER	25	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
7	EA	RELOCATE WATER METER	1,700	LF	GENERIC EROSION CONTROL ITEM TREE PROTECTION FENCE
2	EA	RECONNECT WATER METER	32	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
7	EA	*** RPZ BACKFLOW PREVENTION ASSEMBLY (1-1/2")	39,760	LF	SIGNAL CABLE
20	EA	FIRE HYDRANT	104	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	RELOCATE FIRE HYDRANT	12	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
280	LF	FIRE HYDRANT LEG	21	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
56	LF	*** WATER SERVICE LINE (2")	133	EA	BACKPLATE
157	LF	WATER SERVICE LINE	40	LF	MESSENGER CABLE (1/4")
179	LF	8" SANITARY GRAVITY SEWER	6,010	LF	MESSENGER CABLE (3/8")
1	EA	SANITARY SEWER CLEAN-OUT	50	LF	PAVED TRENCHING (***** (1, 2"))
26	LF	SEWER SERVICE LINE	4,000	LF	UNPAVED TRENCHING (***** (1, 2"))
2	EA	4' DIA UTILITY MANHOLE	2,340	LF	UNPAVED TRENCHING (***** (2, 2"))
12	LF	UTILITY MANHOLE WALL 4' DIA	120	LF	UNPAVED TRENCHING (***** (3, 2"))
119	LF	ABANDON 8" UTILITY PIPE	70	LF	UNPAVED TRENCHING (***** (4, 2"))
5,973	LF	ABANDON 24" UTILITY PIPE	370	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
4	EA	REMOVE FIRE HYDRANT	110	LF	DIRECTIONAL DRILL (***** (1, 2"))
2	EA	ABANDON UTILITY MANHOLE	170	LF	DIRECTIONAL DRILL (***** (2, 2"))
1	EA	REMOVE UTILITY MANHOLE	59	EA	JUNCTION BOX (STANDARD SIZE)
325	LF	24" ENCASEMENT PIPE	5	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
321	LF	36" ENCASEMENT PIPE			
325	LF	BORE AND JACK OF *** (24")			
321	LF	BORE AND JACK OF *** (36")			
368	LF	DIRECTIONAL DRILLING OF *** (16")			
3	EA	GENERIC UTILITY ITEM 16" NITRILE PIPE GASKET			
1	EA	GENERIC UTILITY ITEM 2" COMBINATION AIR RELEASE VALVE			

17	EA	WOOD POLE
34	EA	GUY ASSEMBLY
13	EA	1/2" RISER WITH WEATHERHEAD
8	EA	1" RISER WITH WEATHERHEAD
18	EA	2" RISER WITH WEATHERHEAD
10,040	LF	INDUCTIVE LOOP SAWCUT
43,800	LF	LEAD-IN CABLE (***** (14-2)
5	EA	SITE SURVEY
18	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
18	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
5	EA	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT
21	EA	RELOCATE CAMERA SENSOR UNIT
14,000	LF	COMMUNICATIONS CABLE (**FIBER) (24)
1,212	LF	DROP CABLE
6	EA	SPLICE ENCLOSURE
6	EA	INTERCONNECT CENTER
4	EA	DELINEATOR MARKER
7,706	LF	REMOVE EXISTING COMMUNICATIONS CABLE
18	EA	METAL STRAIN SIGNAL POLE
18	EA	SOIL TEST
108	CY	DRILLED PIER FOUNDATION
23	EA	SIGN FOR SIGNALS
28	EA	TYPE II PEDESTAL WITH FOUND- ATION
5	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070LX, BASE MOUNTED)
1	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070LX, POLE MOUNTED)
61	EA	DETECTOR CARD (TYPE 170)
1	EA	CABINET BASE EXTENDER
5	EA	METAL POLE FOUNDATION REMOVAL
5	EA	METAL POLE REMOVAL
1	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
2	EA	GENERIC SIGNAL ITEM DMS ELECTRICAL SERVICE
1	EA	GENERIC SIGNAL ITEM DMS STRUCTURE
1	EA	GENERIC SIGNAL ITEM DUAL DMS MOUNTED BACK TO BACK
1	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT
5	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
1	EA	GENERIC SIGNAL ITEM SOIL TEST FOR DMS FOUNDATION
15	CY	GENERIC SIGNAL ITEM DMS FOUNDATION

WALL ITEMS

28	CY	CLASS A CONCRETE (RETAINING WALL)
3,002	LB	REINFORCING STEEL (RETAINING WALL)

Lump Sum	LS	GENERIC STRUCTURE ITEM HEAT STRAIGHTENING STEEL BEAM REPAIR, BRIDGE #770012
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #770010
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #770012
Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
1,135	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESER- VATION
30	LF	GENERIC STRUCTURE ITEM RAIL REPAIRS FOR ONE BAR METAL RAIL
743	LF	GENERIC STRUCTURE ITEM SILICONE JOINT SEALANT FOR SLOPE PROTECTION
116.8	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVER- LAY - VERY EARLY STRENGTH
279	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRES- ERVATION
1,500	LB	GENERIC STRUCTURE ITEM SLOPE PROTECTION VOID FILLING
1,124	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
0.2	SF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR EPOXY OVERLAY
6,405.9	SF	GENERIC STRUCTURE ITEM EPOXY COATING
44,252	SF	GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM II
2,828	SF	GENERIC STRUCTURE ITEM SILANE RAIL TREATMENTS
2,828	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR SILANE RAIL TREATMENT
2,098	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
2,098	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING OF LATEX MODIFIED CONCRETE OVERLAY-VERY EARLY STRENGTH
554	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING POLYMER CONCRETE OVERLAY
2,652	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
2,520	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
1,966	SY	GENERIC STRUCTURE ITEM SILANE DECK TREATMENT
16	EA	GENERIC STRUCTURE ITEM CFRP PEDESTAL REPAIRS AND BEARING RETROFIT
72	EA	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING BEARINGS WITH HRSCA
8	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #770010
8	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #770012

***** BEGIN SCHEDULE AA *****
***** (2 ALTERNATES) *****

30.8	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
		*** OR ***
30.8	CY	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS

*** END SCHEDULE AA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 007

CONTRACT ID : C204303 15BPR.39

DIV OFFICE GREENSBORO

LENGTH = 0.098 MI

COUNTY : ROCKINGHAM

BRIDGE PRESERVATION.

DBE GOAL % COMPLETION DATE : SEP 15 2022

STRUCTURE #780132 ON US-311/NC-14/NC-87/NC-770 OVER DAN RIVER.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
104	SF	WORK ZONE SIGNS (STATIONARY)
432	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
70	EA	DRUMS
2	EA	TMA
20	HR	LAW ENFORCEMENT
2,888	LF	PAINT PAVEMENT MARKING LINES (4")
2,888	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4", 20 MILS (STANDARD GLASS BEADS)

STRUCTURE ITEMS

1.7	CY	FLOWABLE FILL
45,270	SF	GROOVING BRIDGE FLOORS
73.5	CF	SHOTCRETE REPAIRS
25.5	LF	EPOXY RESIN INJECTION
712	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
2,490.8	SF	GENERIC STRUCTURE ITEM EPOXY COATING
5,242	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING POLYMER CONCRETE OVERLAY
5,242	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
5,242	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
6	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE NO 780132

***** BEGIN SCHEDULE AA *****
 ***** (2 ALTERNATES) *****

182.4	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
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*** OR ***

182.4	CY	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS
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*** END SCHEDULE AA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 008

CONTRACT ID : C204668 2022CPT.08.08.10631 DIV OFFICE CARTHAGE
 COUNTY : MOORE

LENGTH = 18.325 MI

MILLING, RESURFACING AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2023

2 SECTIONS OF US-1, 5 SECTIONS OF NC-5, 1 SECTION OF NC-22, 1 SECTION OF NC-211, AND 1 SECTION OF
 NC-690.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5.28	SMI	SHOULDER RECONSTRUCTION
739	TON	AGGREGATE SHOULDER BORROW
281,873	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
21,144	SY	INCIDENTAL MILLING
15,524	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
16,727	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,046	TON	ASPHALT BINDER FOR PLANT MIX
140	TON	PATCHING EXISTING PAVEMENT
54,505	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (78M)
19,077	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
3	WK	VACUUM TRUCK
33,317	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
33,317	LF	GENERIC PAVING ITEM 12" MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
10	TON	BLOTTING SAND
6	EA	ADJUSTMENT OF MANHOLES
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,884	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
140	HR	LAW ENFORCEMENT
346,032	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,054	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,624	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
165	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
289,671	LF	PAINT PAVEMENT MARKING LINES (4")
2,054	LF	PAINT PAVEMENT MARKING LINES (8")
1,306	LF	PAINT PAVEMENT MARKING LINES (12")
150	LF	PAINT PAVEMENT MARKING LINES (16")
823	LF	PAINT PAVEMENT MARKING LINES (24")
6	EA	PAINT PAVEMENT MARKING CHARAC- TER
118	EA	PAINT PAVEMENT MARKING SYMBOL
341	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
150	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
1,089	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1,387	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
Lump Sum	LS	PORTABLE LIGHTING
3,900	LF	INDUCTIVE LOOP SAWCUT
3,900	LF	LEAD-IN CABLE (***** (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 009

CONTRACT ID : C204669 2022CPT.08.09.20761 DIV OFFICE CARTHAGE

LENGTH = 21.440 MI

COUNTY : RANDOLPH

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2023

10 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
38.68	SMI	SHOULDER RECONSTRUCTION
5,438.4	TON	AGGREGATE SHOULDER BORROW
1,901	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,986	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
8,681	SY	INCIDENTAL MILLING
397	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
21,631	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,537	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,980	TON	ASPHALT BINDER FOR PLANT MIX
1,777	TON	PATCHING EXISTING PAVEMENT
3,485	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (67)
1,394	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
1	WK	VACUUM TRUCK
10	TON	BLOTTING SAND
50	LF	2'-6" CONCRETE CURB & GUTTER
55	SY	4" CONCRETE SIDEWALK
6	EA	RETROFIT EXISTING CURB RAMPS
59	EA	REMOVE AND REPLACE CURB RAMPS
3	EA	GENERIC PAVING ITEM REMOVE CURB RAMP
51	EA	ADJUSTMENT OF MANHOLES
13	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,325	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
280	HR	LAW ENFORCEMENT
34,249	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
580	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
38	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
110	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,790	LF	PAINT PAVEMENT MARKING LINES (4")
102	LF	PAINT PAVEMENT MARKING LINES (8")
8	EA	PAINT PAVEMENT MARKING SYMBOL
1,395	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
51	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
623	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
6	EA	GENERIC PAVEMENT MARKING ITEM IN LANE ROUTE SHIELDS
470	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
Lump Sum	LS	PORTABLE LIGHTING
240	LF	INDUCTIVE LOOP SAWCUT
240	LF	LEAD-IN CABLE (***** (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 010

CONTRACT ID : C204446 38443.3.3

DIV OFFICE WINSTON-SALEM

LENGTH = 1.136 MI

COUNTY : DAVIDSON, ROWAN, STANLY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 2.0% COMPLETION DATE : JAN 28 2025

BRIDGES #3 AND #8 OVER YADKIN RIVER AND WINSTON-SALEM SOUTHBOUND RAILROAD ON NC-49.

		ROADWAY ITEMS				
				3	EA	FRAME WITH TWO GRATES, STD 840.29
				1	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION		20	LF	SHOULDER BERM GUTTER
Lump Sum	LS	CONSTRUCTION SURVEYING		1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
	1	EA	GENERIC MISCELLANEOUS ITEM DRILLED ORIFICE PLATE AND TRASH RACK	2,600	LF	STEEL BEAM GUARDRAIL
				10	EA	ADDITIONAL GUARDRAIL POSTS
	1	EA	GENERIC MISCELLANEOUS ITEM POLYMER CONCRETE CLEANOUT BOXES	2	EA	GUARDRAIL END UNITS, TYPE CAT-1
				10	EA	GUARDRAIL END UNITS, TYPE TL-3
	90	CY	GENERIC MISCELLANEOUS ITEM BIOSWALE FILTRATION MEDIA	8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
				2,900	LF	REMOVE EXISTING GUARDRAIL
	300	LF	GENERIC MISCELLANEOUS ITEM BIOSWALE UNDERDRAIN PIPE	450	LF	RELAPPING GUARDRAIL
				75	TON	RIP RAP, CLASS I
	250	SY	GENERIC MISCELLANEOUS ITEM POLYPROPYLENE NONWOVEN GEOTEXTILE FABRIC	25	TON	RIP RAP, CLASS B
				620	SY	GEOTEXTILE FOR DRAINAGE
	50	TON	GENERIC MISCELLANEOUS ITEM NO 57 STONE, WASHED	830	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (45+22.65 -EBL-)		8	EA	SIGN ERECTION, TYPE D
				32	EA	SIGN ERECTION, TYPE E
Lump Sum	LS	GRADING		1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
	1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	33	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
				1	EA	DISPOSAL OF SIGN, D, E OR F
	500	CY	UNDERCUT EXCAVATION	88	SF	WORK ZONE SIGNS (STATIONARY)
				384	SF	WORK ZONE SIGNS (PORTABLE)
	400	CY	SELECT GRANULAR MATERIAL	92	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,100	SY	GEOTEXTILE FOR SOIL STABILIZATION		2	EA	FLASHING ARROW BOARD
				2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
	40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	174	EA	DRUMS
				25	EA	CONES
	100	SY	FOUNDATION CONDITIONING GEOTEXTILE	72	LF	BARRICADES (TYPE III)
				21	DAY	FLAGGER
	8	LF	15" RC PIPE CULVERTS, CLASS III	2	EA	TMA
				9	HR	LAW ENFORCEMENT
	148	LF	18" RC PIPE CULVERTS, CLASS III	25	EA	SKINNY DRUM
				194	EA	TEMPORARY RAISED PAVEMENT MARKERS
	16	LF	24" RC PIPE CULVERTS, CLASS III	25,892	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
				254	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
	48	LF	15" CS PIPE CULVERTS, 0.064" THICK	17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
				4,928	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
	76	LF	18" CS PIPE CULVERTS, 0.064" THICK	81,400	LF	PAINT PAVEMENT MARKING LINES (4")
				810	LF	PAINT PAVEMENT MARKING LINES (8")
	2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	184	LF	PAINT PAVEMENT MARKING LINES (24")
				46	EA	PAINT PAVEMENT MARKING SYMBOL
	29	LF	PIPE REMOVAL	14,819	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
				521	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
	3	EA	PIPE CLEAN OUT	17	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
				42	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
	200	CY	SHALLOW UNDERCUT	48	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
				27	EA	PERMANENT RAISED PAVEMENT MARKERS
	400	TON	CLASS IV SUBGRADE STABILIZATION	1,000	LF	TEMPORARY SILT FENCE
				555	TON	STONE FOR EROSION CONTROL, CLASS A
				510	TON	STONE FOR EROSION CONTROL, CLASS B
	400	TON	AGGREGATE BASE COURSE	520	TON	SEDIMENT CONTROL STONE
	50	TON	INCIDENTAL STONE BASE			
	330	GAL	PRIME COAT			
	870	SY	INCIDENTAL MILLING			
	1,060	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
	550	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
	5,720	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
	460	TON	ASPHALT BINDER FOR PLANT MIX			
	25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
	112	CY	SUBDRAIN EXCAVATION			
	500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS			
	84	CY	SUBDRAIN COARSE AGGREGATE			
	500	LF	6" PERFORATED SUBDRAIN PIPE			
	1	EA	SUBDRAIN PIPE OUTLET			
	6	LF	6" OUTLET PIPE			
	0.553	CY	PIPE COLLARS			
	10	EA	MASONRY DRAINAGE STRUCTURES			
	2.2	LF	MASONRY DRAINAGE STRUCTURES			
	6	EA	FRAME WITH TWO GRATES, STD 840.16			
	1	EA	FRAME WITH TWO GRATES, STD 840.22			

1.5	ACR	TEMPORARY MULCHING	7.3	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY
200	LB	SEED FOR TEMPORARY SEEDING	3,959	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING POLYMER CONCRETE OVERLAY
2	TON	FERTILIZER FOR TEMPORARY SEED- ING	3,959	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
200	LF	TEMPORARY SLOPE DRAINS	3,959	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
3,400	LF	SAFETY FENCE	30	EA	GENERIC STRUCTURE ITEM BEAM END EPOXY COATINGS
1,280	CY	SILT EXCAVATION	10	EA	GENERIC STRUCTURE ITEM BEARING KEEPER PLATE
5,500	SY	MATTING FOR EROSION CONTROL	10	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE NO 790008
100	SY	COIR FIBER MAT			
150	LF	1/4" HARDWARE CLOTH			
15	LF	*** TEMPORARY PIPE (15")			
625	SY	FLOATING TURBIDITY CURTAIN			
200	LF	COIR FIBER WATTLE			
185	LB	POLYACRYLAMIDE (PAM)			
185	LF	COIR FIBER BAFFLE			
1	EA	*** SKIMMER (1")			
1	EA	*** SKIMMER (1-1/2")	119	CY	***** BEGIN SCHEDULE AA ***** ***** (2 ALTERNATES) ***** GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
1.5	ACR	SEEDING & MULCHING			
1.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
1	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
25	EA	RESPONSE FOR EROSION CONTROL	119	CY	*** OR *** GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS
4	EA	CONCRETE WASHOUT STRUCTURE			
4	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE			
8	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT			

STRUCTURE ITEMS

0.2	CY	PIPE PLUGS
69	LF	24" ENCASEMENT PIPE
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (45+22.65 -EBL-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (45+22.65 -EBL-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (45+22.65 -EBL-)
43,161	SF	REINFORCED CONCRETE DECK SLAB
70,340	SF	GROOVING BRIDGE FLOORS
1,756.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (45+22.65 -EBL-)
80,396	LB	REINFORCING STEEL (BRIDGE)
1,169,400	LS	APPROX LBS STRUCTURAL STEEL
Lump Sum	LS	PAINTING OF STRUCTURAL STEEL
12	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
420	LF	HP12X53 STEEL PILES
6	EA	STEEL PILE POINTS
2,238.34	LF	CONCRETE BARRIER RAIL
65.8	SY	CLASS II, SURFACE PREPARATION
740	TON	RIP RAP CLASS II (2'-0" THICK)
825	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
119.1	CF	SHOTCRETE REPAIRS
7	LF	EPOXY RESIN INJECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM FIELD MEASURING
Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS
900	LF	GENERIC STRUCTURE ITEM CLEAN BRIDGE DECK DRAINAGE SYSTEM
69.5	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVA- TION
494	SF	GENERIC STRUCTURE ITEM TOP OF CAP EPOXY COATINGS

*** END SCHEDULE AA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 011

CONTRACT ID : C204399 50195.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 1.362 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : FEB 28 2026

US-29/70 & I-85 BUSINESS AT SR-1798 (OLD GREENSBORO ROAD).

ROADWAY ITEMS					
			4,960	GAL	ASPHALT CURING SEAL
			500	TON	INCIDENTAL STONE BASE
			2,737	CY	SHOULDER BORROW
			15	LF	DITCHING
			2,350	GAL	PRIME COAT
			24,700	SY	MILLING ASPHALT PAVEMENT, ****
					DEPTH (1-1/2")
			560	SY	INCIDENTAL MILLING
			10,830	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
			18,090	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			9,580	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			10,270	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			2,615	TON	ASPHALT BINDER FOR PLANT MIX
			1,050	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
			2,040	SY	GENERIC PAVING ITEM
					7" CONCRETE TRUCK APRON
			340	LF	MILLED RUMBLE STRIPS (CONCRETE SHOULDERS)
			30	EA	RIGHT-OF-WAY MARKERS
			1,920	CY	SUBDRAIN EXCAVATION
			4,900	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
			135	CY	SUBDRAIN FINE AGGREGATE
			825	CY	SUBDRAIN COARSE AGGREGATE
			5,700	LF	6" PERFORATED SUBDRAIN PIPE
			12	EA	SUBDRAIN PIPE OUTLET
			72	LF	6" OUTLET PIPE
			20	TON	BLOTTING SAND
			14	CY	ENDWALLS
			4.7	CY	PIPE COLLARS
			0.798	CY	PIPE PLUGS
			33	CY	FLOWABLE FILL
			144	EA	MASONRY DRAINAGE STRUCTURES
			7.6	CY	MASONRY DRAINAGE STRUCTURES
			200.9	LF	MASONRY DRAINAGE STRUCTURES
			3	EA	FRAME WITH TWO GRATES, STD 840.16
			35	EA	FRAME WITH TWO GRATES, STD 840.20
			16	EA	FRAME WITH TWO GRATES, STD 840.22
			2	EA	FRAME WITH TWO GRATES, STD 840.24
			10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			6	EA	FRAME WITH COVER, STD 840.54
			37	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
			1	EA	GENERIC DRAINAGE ITEM
					ENERGY DISSIPATOR BASIN
			8,460	LF	2'-6" CONCRETE CURB & GUTTER
			300	LF	SHOULDER BERM GUTTER
			7,060	LF	CONCRETE EXPRESSWAY GUTTER
			1,320	SY	4" CONCRETE SIDEWALK
			11	EA	CONCRETE CURB RAMPS
			150	SY	4" CONCRETE PAVED DITCH
			1,650	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			2,800	LF	CONCRETE BARRIER, TYPE ***** (III)
			1,500	LF	CONCRETE BARRIER, TYPE ***** (IV)
			2	EA	CONCRETE BARRIER TRANSITION SECTION
			600	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	202,300	CY			UNCLASSIFIED EXCAVATION
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (61+02.86 -L- LT)			
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (61+02.86 -L- RT)			
	2,725	CY			UNDERCUT EXCAVATION
	920	CY			DRAINAGE DITCH EXCAVATION
	210	LF			BERM DITCH CONSTRUCTION
	17,470	SY			REMOVAL OF EXISTING ASPHALT PAVEMENT
	6,440	SY			BREAKING OF EXISTING ASPHALT PAVEMENT
	20	HR			PROOF ROLLING
	2,725	CY			SELECT GRANULAR MATERIAL
	12,015	SY			GEOTEXTILE FOR SOIL STABILIZATION
	100	TON			GENERIC GRADING ITEM
					HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL
	1,161	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	3,929	SY			FOUNDATION CONDITIONING GEOTEXTILE
	132	LF			15" SIDE DRAIN PIPE
	256	LF			18" SIDE DRAIN PIPE
	1,080	LF			15" RC PIPE CULVERTS, CLASS III
	136	LF			18" RC PIPE CULVERTS, CLASS III
	28	LF			24" RC PIPE CULVERTS, CLASS III
	104	LF			60" RC PIPE CULVERTS, CLASS III
	3,736	LF			15" RC PIPE CULVERTS, CLASS IV
	2,436	LF			18" RC PIPE CULVERTS, CLASS IV
	544	LF			24" RC PIPE CULVERTS, CLASS IV
	256	LF			30" RC PIPE CULVERTS, CLASS IV
	184	LF			42" RC PIPE CULVERTS, CLASS IV
	16	LF			15" CS PIPE CULVERTS, 0.064" THICK
	480	LF			18" CS PIPE CULVERTS, 0.064" THICK
	140	LF			24" CS PIPE CULVERTS, 0.064" THICK
	84	LF			30" CS PIPE CULVERTS, 0.079" THICK
	212	LF			GENERIC PIPE ITEM
					60" PIPE REHABILITATION CIPP LINER
	212	LF			GENERIC PIPE ITEM
					PRE INSTALLATION INSPECTION
	1	EA			GENERIC PIPE ITEM
					DE-WATERING
	1,979	LF			PIPE REMOVAL
	8	EA			PIPE CLEAN OUT
Lump Sum	LS	FINE GRADING			
	16,520	SY			LIME TREATED SOIL (SLURRY METHOD)
	200	TON			LIME FOR LIME TREATED SOIL
	2,800	CY			SHALLOW UNDERCUT
	7,650	TON			CLASS IV SUBGRADE STABILIZATION
	500	TON			STABILIZER AGGREGATE
	2,953	SY			GEOTEXTILE FOR PAVEMENT STABILIZATION
	23,500	TON			AGGREGATE BASE COURSE
	315	TON			PORTLAND CEMENT FOR CEMENT TREATED BASE COURSE
	16,520	SY			SOIL CEMENT BASE

			1	EA	GENERIC TRAFFIC CONTROL ITEM COVER AND RELOCATE GROUND MOUNTED GUIDE SIGNS
250	LF	GENERIC PAVING ITEM	3	EA	GENERIC TRAFFIC CONTROL ITEM SOLAR-POWERED FLASHING BEACON
		MEDIAN HAZARD PROTECTION	162	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,100	LF	GENERIC PAVING ITEM	82,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		MODIFIED VALLEY GUTTER	3,005	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1	EA	ADJUSTMENT OF CATCH BASINS	161	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
1	EA	ADJUSTMENT OF DROP INLETS	24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	114	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	7,493	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
10,600	LF	STEEL BEAM GUARDRAIL	360	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)
10	EA	ADDITIONAL GUARDRAIL POSTS	48,313	LF	PAINT PAVEMENT MARKING LINES (4")
6	EA	GUARDRAIL END UNITS, TYPE CAT-1	2,299	LF	PAINT PAVEMENT MARKING LINES (8")
5	EA	GUARDRAIL END UNITS, TYPE TL-3	156	LF	PAINT PAVEMENT MARKING LINES (12")
8	EA	GUARDRAIL END UNITS, TYPE TL-2	295	LF	PAINT PAVEMENT MARKING LINES (24")
3	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	8	EA	PAINT PAVEMENT MARKING CHARACTER
3,900	LF	REMOVE EXISTING GUARDRAIL	14	EA	PAINT PAVEMENT MARKING SYMBOL
100	LF	TEMPORARY STEEL BEAM GUARDRAIL	36,552	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 4"
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	2,709	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"
1	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)	4,929	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	30	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
14,790	LF	CHAIN LINK FENCE, 48" FABRIC	200	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
1,240	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	16	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			1,224	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4", 20 MILS (STANDARD GLASS BEADS)
80	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	254	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
540	TON	RIP RAP, CLASS I	337	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
66	TON	RIP RAP, CLASS II	86	EA	PERMANENT RAISED PAVEMENT MARKERS
380	TON	RIP RAP, CLASS B	15	EA	STANDARD FOUNDATION ***** (TYPE R1)
3,020	SY	GEOTEXTILE FOR DRAINAGE	2	EA	STANDARD FOUNDATION ***** (TYPE R2)
7	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	17	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW, 185W LED)
2,736	LB	SUPPORTS, BREAKAWAY STEEL BEAM	1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)
1,360	LB	SUPPORTS, SIMPLE STEEL BEAM	25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
1,422	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V)
2	EA	SUPPORTS, BARRIER (SMALL)	540	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
415	LF	SUPPORTS, WOOD	845	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
5	EA	SIGN ERECTION, TYPE D	505	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
80	EA	SIGN ERECTION, TYPE E	160	LF	** #8 W/G FEEDER CIRCUIT (2)
11	EA	SIGN ERECTION, TYPE F	2,795	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	1	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)
4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	19	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)
70	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	17	EA	ELECTRICAL JUNCTION BOXES ***** (LS18)
3	EA	DISPOSAL OF SIGN SYSTEM, WOOD			
2,527	SF	WORK ZONE SIGNS (STATIONARY)			
620	SF	WORK ZONE SIGNS (PORTABLE)			
403	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
3	EA	FLASHING ARROW BOARD			
12	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
21	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)			
600	EA	DRUMS			
30	EA	SEQUENTIAL FLASHING WARNING LIGHTS			
120	EA	CONES			
592	LF	BARRICADES (TYPE III)			
24	LF	PEDESTRIAN CHANNELIZING DEVICES			
180	DAY	FLAGGER			
5	EA	TEMPORARY CRASH CUSHIONS			
3	EA	REMOVE & RESET TEMPORARY CRASH CUSHION			
6	EA	TMA			
3,119	LF	PORTABLE CONCRETE BARRIER			
4,442	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			
6,000	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER			
240	HR	LAW ENFORCEMENT			
300	EA	SKINNY DRUM			
3,320	LF	TEMPORARY GLARE SCREEN			
405	SF	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TYPE A AND B SIGNS			

				10	EA	SOIL NAIL PROOF TESTS
				33,833	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT (WALL)
6	EA	UNDERPASS LUMINARIES ***** (TYPE WM, 70W MAX LED)				
Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (UPL-1)				
Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (UPL-2)				
17	EA	GENERIC LIGHTING ITEM LIGHT STANDARD, 45' SA, 15' ARM				
255	LF	2" WATER LINE				
1,368	LF	8" WATER LINE				
25	LF	12" WATER LINE				
3,030	LB	DUCTILE IRON WATER PIPE FITTINGS				
2	EA	6" VALVE				
2	EA	8" VALVE				
1	EA	2" BLOW OFF				
4	EA	RELOCATE WATER METER				
1	EA	RECONNECT WATER METER				
2	EA	FIRE HYDRANT				
23	LF	FIRE HYDRANT LEG				
138	LF	WATER SERVICE LINE				
503	LF	8" SANITARY GRAVITY SEWER				
4	EA	4' DIA UTILITY MANHOLE				
3	EA	5' DIA UTILITY MANHOLE				
5	LF	UTILITY MANHOLE WALL 4' DIA				
8	LF	UTILITY MANHOLE WALL 5' DIA				
830	LF	ABANDON 8" UTILITY PIPE				
3	EA	ABANDON UTILITY MANHOLE				
80	LF	16" ENCASEMENT PIPE				
16,040	LF	TEMPORARY SILT FENCE				
730	TON	STONE FOR EROSION CONTROL, CLASS A				
4,110	TON	STONE FOR EROSION CONTROL, CLASS B				
3,415	TON	SEDIMENT CONTROL STONE				
29.5	ACR	TEMPORARY MULCHING				
1,400	LB	SEED FOR TEMPORARY SEEDING				
9	TON	FERTILIZER FOR TEMPORARY SEEDING				
2,375	LF	TEMPORARY SLOPE DRAINS				
330	LF	SAFETY FENCE				
9,170	CY	SILT EXCAVATION				
83,880	SY	MATTING FOR EROSION CONTROL				
85	SY	COIR FIBER MAT				
580	SY	PERMANENT SOIL REINFORCEMENT MAT				
7,750	LF	1/4" HARDWARE CLOTH				
265	LF	*** TEMPORARY PIPE (36")				
2	EA	SPECIAL STILLING BASINS				
2,080	LF	WATTLE				
688	LF	WATTLE BARRIER				
1,495	LB	POLYACRYLAMIDE (PAM)				
2,425	LF	COIR FIBER BAFFLE				
4	EA	*** SKIMMER (1-1/2")				
2	EA	*** SKIMMER (2")				
1	EA	*** SKIMMER (2-1/2")				
33	ACR	SEEDING & MULCHING				
30	ACR	MOWING				
300	LB	SEED FOR REPAIR SEEDING				
1.25	TON	FERTILIZER FOR REPAIR SEEDING				
750	LB	SEED FOR SUPPLEMENTAL SEEDING				
3,700	SY	SODDING				
25	M/G	WATER				
22.5	TON	FERTILIZER TOPDRESSING				
75	LF	IMPERVIOUS DIKE				
50	MHR	SPECIALIZED HAND MOWING				
100	EA	RESPONSE FOR EROSION CONTROL				
5	EA	CONCRETE WASHOUT STRUCTURE				
0.1	ACR	REFORESTATION				

				10	EA	SOIL NAIL PROOF TESTS
				33,833	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT (WALL)

STRUCTURE ITEMS

				96	LF	PILE EXCAVATION NOT IN SOIL
				67.6	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
				2	EA	PDA TESTING
				2	EA	CSL TESTING
				19,304	SF	REINFORCED CONCRETE DECK SLAB
				20,140	SF	GROOVING BRIDGE FLOORS
				216.7	CY	CLASS A CONCRETE (BRIDGE)
				Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (61+02.86 -L- LT)
				Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (61+02.86 -L- RT)
				40,528	LB	REINFORCING STEEL (BRIDGE)
				3,319	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
				2,195.42	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
				36	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
				1,053	LF	HP14X73 STEEL PILES
				1,282.4	LF	CONCRETE BARRIER RAIL
				68.8	SY	4" SLOPE PROTECTION
				Lump Sum	LS	ELASTOMERIC BEARINGS
				1,246.4	SF	GENERIC STRUCTURE ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT (BRIDGE)

WALL ITEMS

2,390	LF	CONCRETE BARRIER RAIL WITH MOMENT SLAB
20,319	SF	MSE RETAINING WALL NO ***** (2)
10,842	SF	MSE RETAINING WALL NO ***** (3)
2,672	SF	SOIL NAIL RETAINING WALLS
2	EA	SOIL NAIL VERIFICATION TESTS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L211019 012

CONTRACT ID : C204027 52024.3.4

DIV OFFICE ALBEMARLE

LENGTH = 1.330 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, AND BRIDGE REHABILITATION.

DBE GOAL 2.0% COMPLETION DATE : OCT 01 2024

I-277 (BROOKSHIRE FRWY) FROM BRIDGE DECK OVER 10TH STREET TO BRIDGE DECK OVER JOHNSON STREET AND BRIDGE DECKS OVER I-77.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	33,705	LF	GENERIC PAVEMENT MARKING ITEM
10,608	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			POLYUREA PAVEMENT MARKING LINES, 6", 30 MILS (STANDARD GLASS BEADS)
1,080	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	45	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
66	TON	ASPHALT BINDER FOR PLANT MIX			
93	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX	805	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
2,210	SY	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS	Lump Sum	LS	PORTABLE LIGHTING
4,473	TON	SELECT MATERIAL, CLASS IV	2,200	LF	TEMPORARY SILT FENCE
1,000	SF	PATCHING CONCRETE PAVEMENT SPALLS	800	LF	SAFETY FENCE
1,846	TON	ULTRA-THIN BONDED WEARING COURSE	1,550	LF	WATTLE
15,652	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	16	EA	CONCRETE WASHOUT STRUCTURE
113,544	LF	GENERIC PAVING ITEM JOINT CONSTRUCTION, REPAIR AND SEALING	620	LF	INDUCTIVE LOOP SAWCUT
400	GAL	GENERIC PAVING ITEM STRUCTURAL FOAM VOID FILL/ STABILIZATION	264,843	SF	GROOVING BRIDGE FLOORS
43,591	SY	GENERIC PAVING ITEM FINE MILLING 5/8" DEPTH	Lump Sum	LS	POLLUTION CONTROL
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	98.2	SY	CLASS II, SURFACE PREPARATION
12,237	LF	STEEL BEAM GUARDRAIL	589.6	CF	CONCRETE REPAIRS
6	EA	GUARDRAIL END UNITS, TYPE CAT-1	3,668.6	CF	SHOTCRETE REPAIRS
12	EA	GUARDRAIL END UNITS, TYPE TL-3	908.8	LF	EPOXY RESIN INJECTION
20	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #320
12,237	LF	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #330
9,460	LF	CHAIN LINK FENCE, *** FABRIC (60")	Lump Sum	LS	GENERIC STRUCTURE ITEM CONTAINMENT OVER CHARLOTTE AREA TRANSIT SYSTEM RAIL LINE
946	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (60")	Lump Sum	LS	GENERIC STRUCTURE ITEM MURAL PAINT REPAIR
237	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60")	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #320
1,180	SF	WORK ZONE SIGNS (STATIONARY)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #322
8	EA	WORK ZONE PRESENCE LIGHTING	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #326
36	EA	SEQUENTIAL FLASHING WARNING LIGHTS	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #327
8	DAY	FLAGGER	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #328
5,856	HR	LAW ENFORCEMENT	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #330
612	EA	GENERIC TRAFFIC CONTROL ITEM INTERSTATE LANE CLOSURE	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #332
120	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURE	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #333
62	EA	GENERIC TRAFFIC CONTROL ITEM STREET LANE CLOSURE	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #334
180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #335
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #336
7	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	Lump Sum	LS	GENERIC STRUCTURE ITEM SPOT PAINTING OF STEEL STRUC- TURE REPAIR AREAS
109,734	LF	PAINT PAVEMENT MARKING LINES (6")	Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
180	LF	PAINT PAVEMENT MARKING LINES (8")	3,794.2	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
14,931	LF	PAINT PAVEMENT MARKING LINES (12")	43.1	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVER- LAY - EARLY STRENGTH
45	LF	PAINT PAVEMENT MARKING LINES (24")	21.3	CF	GENERIC STRUCTURE ITEM CONCRETE FOR DECK REPAIR
36	EA	PAINT PAVEMENT MARKING CHARAC- TER	144	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
21	EA	PAINT PAVEMENT MARKING SYMBOL	5,040	LB	GENERIC STRUCTURE ITEM BEAM REPAIR CUT-OUT
2,873	LF	GENERIC PAVEMENT MARKING ITEM CONTRAST COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE II (9")			

STRUCTURE ITEMS

4,016	LB	GENERIC STRUCTURE ITEM BEAM REPAIR PLATING
484.8	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
21,940	SF	GENERIC STRUCTURE ITEM EPOXY COATING
82.8	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLY- MER CONCRETE OVERLAY
1,035	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
1,035	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD- IFIED CONCRETE OVERLAY - EARLY STRENGTH
30,199	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING POLYMER CONCRETE OVERLAY
31,234	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
34,751	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
3,517	SY	GENERIC STRUCTURE ITEM SILANE DECK TREATMENT
1	EA	GENERIC STRUCTURE ITEM BEARING PLATE REPOSITIONING
2	EA	GENERIC STRUCTURE ITEM BEARING REPLACEMENT
1,336	EA	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING BEARINGS WITH HIGH RATIO CALCIUM SULFONATE
37	EA	GENERIC STRUCTURE ITEM STEEL BEARING KEEPER ANGLE ASSEMBLY
1	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #138
1	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #320
1	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #326
1	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #327
1	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #328
1	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #330
7	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #332
		***** BEGIN SCHEDULE AA ***** ***** (2 ALTERNATES) *****
1,997.9	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
		*** OR ***
1,997.9	CY	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS
		*** END SCHEDULE AA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211019 013

CONTRACT ID : C204657 15614.1075010

DIV OFFICE SYLVA

LENGTH = 0.892 MI

COUNTY : POLK

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 8.0% COMPLETION DATE : MAR 13 2024

I-26 FROM MILE MARKER 62.5 TO MILE MARKER 64.

ROADWAY ITEMS					
			140	LF	GENERIC PIPE ITEM 42" PIPE REHABILITATION CIPP LINER
Lump Sum	LS	MOBILIZATION	2,522	LF	GENERIC PIPE ITEM PRE-INSTALLATION INSPECTION
Lump Sum	LS	CONSTRUCTION SURVEYING	35	EA	GENERIC PIPE ITEM STANDARD CAST IRON MANHOLE FRAME AND VENTED MANHOLE GRATE
400	CY	UNDERCUT EXCAVATION	3,606	LF	PIPE REMOVAL
Lump Sum	LS	GRADING	4	EA	PIPE CLEAN OUT
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	100	CY	SHALLOW UNDERCUT
3,190	CY	DRAINAGE DITCH EXCAVATION	200	TON	CLASS IV SUBGRADE STABILIZA- TION
400	CY	SELECT GRANULAR MATERIAL	500	TON	INCIDENTAL STONE BASE
700	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	4,790	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")
10,000	SF	TEMPORARY SHORING	2,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
930	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	850	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
2,900	SY	FOUNDATION CONDITIONING GEO- TEXTILE	1,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,088	LF	15" RC PIPE CULVERTS, CLASS IV	240	TON	ASPHALT BINDER FOR PLANT MIX
504	LF	18" RC PIPE CULVERTS, CLASS IV	175	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
680	LF	24" RC PIPE CULVERTS, CLASS IV	6,100	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
2,268	LF	30" RC PIPE CULVERTS, CLASS IV	1,276.8	CY	SUBDRAIN EXCAVATION
480	LF	36" RC PIPE CULVERTS, CLASS IV	5,700	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
280	LF	42" RC PIPE CULVERTS, CLASS IV	957.6	CY	SUBDRAIN COARSE AGGREGATE
340	LF	*** CS PIPE CULVERTS, ***** THICK (18", 0.079")	5,700	LF	6" PERFORATED SUBDRAIN PIPE
156	LF	*** CS PIPE CULVERTS, ***** THICK (24", 0.109")	12	EA	SUBDRAIN PIPE OUTLET
1,876	LF	*** CS PIPE CULVERTS, ***** THICK (30", 0.138")	72	LF	6" OUTLET PIPE
1,004	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.138")	1.5	CY	ENDWALLS
4	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.079")	1,941	CY	PIPE PLUGS
3	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.109")	97	CY	FLOWABLE FILL
20	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.138")	72	EA	MASONRY DRAINAGE STRUCTURES
15	EA	*** CS PIPE ELBOWS, ***** THICK (36", 0.138")	40	CY	MASONRY DRAINAGE STRUCTURES
52	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.500")	267.5	LF	MASONRY DRAINAGE STRUCTURES
218	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (54", 0.750")	12	EA	FRAME WITH TWO GRATES, STD 840.20
52	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.500")	26	EA	FRAME WITH TWO GRATES, STD 840.22
218	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (54", 0.750")	6	EA	FRAME WITH COVER, STD 840.54
92	LF	GENERIC PIPE ITEM 15" PIPE REHABILITATION CIPP LINER	16	EA	GENERIC DRAINAGE ITEM DE-WATERING
688	LF	GENERIC PIPE ITEM 18" PIPE REHABILITATION CIPP LINER	5	EA	GENERIC DRAINAGE ITEM HINGED GRATE
40	LF	GENERIC PIPE ITEM 18" PIPE REHABILITATION SMOOTH WALL STEEL SLIP LINER	85	EA	GENERIC DRAINAGE ITEM SPECIAL DESIGN PIPE CONNECTION
364	LF	GENERIC PIPE ITEM 24" PIPE REHABILITATION CIPP LINER	2,500	LF	SHOULDER BERM GUTTER
262	LF	GENERIC PIPE ITEM 30" PIPE REHABILITATION CIPP LINER	5,750	SY	4" CONCRETE PAVED DITCH
332	LF	GENERIC PIPE ITEM 36" PIPE REHABILITATION CIPP LINER	1,220	SY	GENERIC PAVING ITEM 6" CONCRETE PAVED DITCH
604	LF	GENERIC PIPE ITEM 42" PIPE REHABILITATION SOLID WALL THERMOPLASTIC SLIP LINER	5,825	LF	STEEL BEAM GUARDRAIL
			890	EA	EXTRA LENGTH GUARDRAIL POST (** STEEL) (8')
			5	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL END UNITS, TYPE CAT-I
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			5,850	LF	REMOVE EXISTING GUARDRAIL
			200	LF	WOVEN WIRE FENCE RESET
			200	TON	RIP RAP, CLASS I
			625	TON	RIP RAP, CLASS II
			1,960	SY	GEOTEXTILE FOR DRAINAGE
			164	SF	WORK ZONE SIGNS (STATIONARY)
			164	SF	HIGH VISIBILITY STATIONARY SIGNS
			192	SF	WORK ZONE SIGNS (PORTABLE)
			192	SF	HIGH VISIBILITY PORTABLE SIGNS
			6	EA	FLASHING ARROW BOARD
			3	EA	PORTABLE CHANGEABLE MESSAGE SIGN

2	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
28	EA	WORK ZONE PRESENCE LIGHTING
555	EA	HIGH VISIBILITY DRUMS
20	EA	SEQUENTIAL FLASHING WARNING LIGHTS
4	EA	TEMPORARY CRASH CUSHIONS
3	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
2	EA	TMA
1,325	LF	PORTABLE CONCRETE BARRIER
3,800	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
6,980	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)
2,400	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM DEPLOYMENT
4	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE
5	DAY	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM
22,374	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
177	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
Lump Sum	LS	PORTABLE LIGHTING
14,265	LF	TEMPORARY SILT FENCE
1,280	TON	STONE FOR EROSION CONTROL, CLASS A
2,765	TON	STONE FOR EROSION CONTROL, CLASS B
2,400	TON	SEDIMENT CONTROL STONE
3.5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
1	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
2,880	LF	SAFETY FENCE
2,810	CY	SILT EXCAVATION
10,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
1,915	LF	1/4" HARDWARE CLOTH
50	LF	TEMPORARY PIPE FOR STREAM CROSSING
4	EA	SPECIAL STILLING BASINS
555	LB	POLYACRYLAMIDE (PAM)
3	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
60	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
100	EA	RESPONSE FOR EROSION CONTROL
8	EA	CONCRETE WASHOUT STRUCTURE
1	ACR	REFORESTATION
65	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
195	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L211116 001

CONTRACT ID : C204123 41582.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 7.244 MI

COUNTY : BRUNSWICK

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : NOV 11 2026

NC-211 FROM SR-1500 (MIDWAY RD) TO NC-87.

ROADWAY ITEMS				
		84	LF	*** CAA PIPE CULVERTS, ***** THICK (54", 0.109")
Lump Sum	LS	920	LF	15" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	52	LF	18" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	36	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
Lump Sum	LS	2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
3	ACR			SUPPLEMENTARY CLEARING & GRUBBING
8	EA			SEALING ABANDONED WELLS
90,000	CY			UNCLASSIFIED EXCAVATION
Lump Sum	LS	112	LF	TYPE I STANDARD APPROACH FILL STATION ***** (369+42.00 -L- EBL)
Lump Sum	LS	202	LF	TYPE I STANDARD APPROACH FILL STATION ***** (369+42.00 -L- WBL)
Lump Sum	LS	104	LF	TYPE I STANDARD APPROACH FILL STATION ***** (390+15.00 -L- LT)
Lump Sum	LS	348	LF	TYPE I STANDARD APPROACH FILL STATION ***** (390+15.00 -L- RT)
Lump Sum	LS	452	LF	TYPE III REINFORCED APPROACH FILL, STATION ***** (31+30.81 -Y REV-)
Lump Sum	LS	2	EA	TYPE III REINFORCED APPROACH FILL, STATION ***** (39+52.37 -Y14A-)
55,000	CY			UNDERCUT EXCAVATION
1,200,000	CY			BORROW EXCAVATION
64,830	CY			DRAINAGE DITCH EXCAVATION
19,500	SY			REMOVAL OF EXISTING ASPHALT PAVEMENT
63,810	SY			BREAKING OF EXISTING ASPHALT PAVEMENT
100	HR			PROOF ROLLING
54,200	CY			SELECT GRANULAR MATERIAL
40,190	SY			GEOTEXTILE FOR SOIL STABILIZATION
33,000	SF			TEMPORARY SHORING
Lump Sum	LS			GENERIC GRADING ITEM DE-WATERING
50	TON			GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL
7,215	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
62,385	SY			FOUNDATION CONDITIONING GEOTEXTILE
288	LF			*** DRAINAGE PIPE (54")
1,264	LF			15" DRAINAGE PIPE
1,308	LF			18" DRAINAGE PIPE
752	LF			24" DRAINAGE PIPE
520	LF			30" DRAINAGE PIPE
604	LF			36" DRAINAGE PIPE
640	LF			48" DRAINAGE PIPE
76	LF			***** RC PIPE CULVERTS, CLASS IV (12")
480	LF			***** RC PIPE CULVERTS, CLASS IV (48")
488	LF			***** RC PIPE CULVERTS, CLASS IV (54")
1,240	LF			***** RC PIPE CULVERTS, CLASS IV (60")
408	LF			***** RC PIPE CULVERTS, CLASS IV (66")
13,272	LF			15" RC PIPE CULVERTS, CLASS IV
2,586	LF			18" RC PIPE CULVERTS, CLASS IV
1,604	LF			24" RC PIPE CULVERTS, CLASS IV
4,372	LF			30" RC PIPE CULVERTS, CLASS IV
3,392	LF			36" RC PIPE CULVERTS, CLASS IV
1,360	LF			42" RC PIPE CULVERTS, CLASS IV
		84	LF	*** CAA PIPE CULVERTS, ***** THICK (54", 0.109")
		920	LF	15" CS PIPE CULVERTS, 0.064" THICK
		52	LF	18" CS PIPE CULVERTS, 0.064" THICK
		36	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
		2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
		112	LF	GENERIC PIPE ITEM 18" DUCTILE IRON PIPE
		202	LF	GENERIC PIPE ITEM 24" DUCTILE IRON PIPE
		104	LF	GENERIC PIPE ITEM 30" DUCTILE IRON PIPE
		348	LF	GENERIC PIPE ITEM 57" X 38" CORRUGATED ALUMINUM ALLOY PIPE ARCH CULVERT 0.109" THICK
		452	LF	GENERIC PIPE ITEM 60" X 38" HORIZONTAL ELLIPTICAL RCP-IV
		2	EA	GENERIC PIPE ITEM 18" DUCTILE IRON PIPE ELBOW
		4	EA	GENERIC PIPE ITEM 24" DUCTILE IRON PIPE ELBOW
		2	EA	GENERIC PIPE ITEM 30" DUCTILE IRON PIPE ELBOW
		12,322	LF	PIPE REMOVAL
		5	EA	PIPE CLEAN OUT
	Lump Sum		LS	FINE GRADING
		1,100	CY	SHALLOW UNDERCUT
		2,000	TON	CLASS IV SUBGRADE STABILIZATION
		113,000	TON	CLASS IV AGGREGATE STABILIZATION
		4,420	TON	AGGREGATE BASE COURSE
		5,725	TON	INCIDENTAL STONE BASE
		19,783	GAL	PRIME COAT
		8,000	SY	INCIDENTAL MILLING
		157,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
		105,500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
		23,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
		65,950	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
		17,700	TON	ASPHALT BINDER FOR PLANT MIX
		5,650	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
		2,184	CY	SUBDRAIN EXCAVATION
		6,500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
		1,092	CY	SUBDRAIN COARSE AGGREGATE
		6,500	LF	6" PERFORATED SUBDRAIN PIPE
		13	EA	SUBDRAIN PIPE OUTLET
		78	LF	6" OUTLET PIPE
		75	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
		138.4	CY	ENDWALLS
		62.69	CY	REINFORCED ENDWALLS
		2,557	CY	PIPE COLLARS
		129	CY	FLOWABLE FILL
		376	EA	MASONRY DRAINAGE STRUCTURES
		80,011	CY	MASONRY DRAINAGE STRUCTURES
		129.3	LF	MASONRY DRAINAGE STRUCTURES
		1	EA	FRAME WITH GRATE, STD 840.29
		40	EA	FRAME WITH TWO GRATES, STD 840.16
		129	EA	FRAME WITH TWO GRATES, STD 840.20
		7	EA	FRAME WITH TWO GRATES, STD 840.22

			14	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			1	CY	PLAIN CONCRETE SIGN FOUNDATIONS
8	EA	FRAME WITH TWO GRATES, STD 840.24	16	CY	OVERHEAD FOOTING
10	EA	FRAME WITH TWO GRATES, STD 840.29	15,793	LB	SUPPORTS, BREAKAWAY STEEL BEAM
24	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	1,958	LB	SUPPORTS, SIMPLE STEEL BEAM
56	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	7,729	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
66	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	58	LF	SUPPORTS, WOOD
15	EA	FRAME WITH COVER, STD 840.54	21	EA	SIGN ERECTION, TYPE D
41	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	386	EA	SIGN ERECTION, TYPE E
94	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	66	EA	SIGN ERECTION, TYPE F
1,580	LF	***X*** CONCRETE CURB (8" X 18")	18	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
10,300	LF	***.*** CONCRETE CURB & GUTTER (2'-9")	1	EA	SIGN ERECTION, TYPE **** (GROUND MOUNTED) (B)
49,090	LF	1'-6" CONCRETE CURB & GUTTER	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A)
22,810	LF	2'-6" CONCRETE CURB & GUTTER	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (B)
7,920	LF	SHOULDER BERM GUTTER	12	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
340	LF	CONCRETE EXPRESSWAY GUTTER	2	EA	DISPOSAL OF SUPPORT, STEEL BEAM
2,870	SY	4" CONCRETE SIDEWALK	2	EA	DISPOSAL OF SUPPORT, WOOD
37	EA	CONCRETE CURB RAMPS	4	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
260	SY	6" CONCRETE DRIVEWAY	161	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
110	SY	4" CONCRETE PAVED DITCH	17	EA	DISPOSAL OF SUPPORT, U-CHANNEL
15,100	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	2	EA	GENERIC SIGNING ITEM VERTICAL PANEL, TYPE 3 OBJECT MARKERS – OM3-C
350	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	2	EA	GENERIC SIGNING ITEM VERTICAL PANEL, TYPE 3 OBJECT MARKERS – OM3-L
3	EA	GENERIC PAVING ITEM EMERGENCY VEHICLE ACCESS FOR CONCRETE ISLAND	2,393	SF	WORK ZONE SIGNS (STATIONARY)
10	EA	ADJUSTMENT OF CATCH BASINS	1,208	SF	WORK ZONE SIGNS (PORTABLE)
1	EA	ADJUSTMENT OF DROP INLETS	1,567	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
16	EA	ADJUSTMENT OF MANHOLES	8	EA	FLASHING ARROW BOARD
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	7	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX	105	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO TRAFFIC BEARING JUNCTION BOX	1,990	EA	DRUMS
3	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	50	EA	CONES
19,775	LF	STEEL BEAM GUARDRAIL	960	LF	BARRICADES (TYPE III)
1,325	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	10	LF	PEDESTRIAN CHANNELIZING DEVICES
25	EA	EXTRA LENGTH GUARDRAIL POST (** STEEL) (8')	990	DAY	FLAGGER
165	EA	ADDITIONAL GUARDRAIL POSTS	25	EA	TEMPORARY CRASH CUSHIONS
17	EA	GUARDRAIL END UNITS, TYPE AT-1	9	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
29	EA	GUARDRAIL END UNITS, TYPE CAT-1	4	EA	TMA
16	EA	GUARDRAIL ANCHOR UNITS, TYPE III	4,090	LF	PORTABLE CONCRETE BARRIER
26	EA	GUARDRAIL END UNITS, TYPE TL-3	2,442	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
2	EA	GUARDRAIL END UNITS, TYPE TL-2	1,072	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
13	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	404	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)
5,600	LF	REMOVE EXISTING GUARDRAIL	300	LF	WATER FILLED BARRIER
3,150	LF	TEMPORARY STEEL BEAM GUARDRAIL	2,640	HR	LAW ENFORCEMENT
637.5	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)	438	EA	SKINNY DRUM
8	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	1	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
10	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (AT-1)	1	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS
20	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	8,796	EA	TEMPORARY RAISED PAVEMENT MARKERS
59,910	LF	WOVEN WIRE FENCE, 47" FABRIC	204,704	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,656	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	15,754	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,149	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	5,563	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
3,550	TON	RIP RAP, CLASS I	48	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
40	TON	RIP RAP, CLASS A	525	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
935	TON	RIP RAP, CLASS B	1,322,894	LF	PAINT PAVEMENT MARKING LINES (4")
13,510	SY	GEOTEXTILE FOR DRAINAGE	104,552	LF	PAINT PAVEMENT MARKING LINES (8")
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	9,946	LF	PAINT PAVEMENT MARKING LINES (12")
			13,709	LF	PAINT PAVEMENT MARKING LINES (24")
			1,706	EA	PAINT PAVEMENT MARKING SYMBOL

			2,041	LF	6" FORCE MAIN SEWER
			2,550	LF	8" FORCE MAIN SEWER
			570	LF	12" FORCE MAIN SEWER
83,259	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	26,036	LF	16" FORCE MAIN SEWER
8,000	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	8,113	LF	20" FORCE MAIN SEWER
1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (12")	18,984	LF	24" FORCE MAIN SEWER
2,084	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	76,415	LB	DUCTILE IRON SEWER PIPE FITTINGS
300	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	36	EA	4' DIA UTILITY MANHOLE
2,979	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4"	172	LF	UTILITY MANHOLE WALL 4' DIA
		20 MILS (STANDARD GLASS BEADS)	180	LF	ABANDON *** UTILITY PIPE (36")
245	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 8"	190	LF	ABANDON *** UTILITY PIPE (4")
		20 MILS (STANDARD GLASS BEADS)	9,026	LF	ABANDON 6" UTILITY PIPE
2,980	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	14,115	LF	ABANDON 8" UTILITY PIPE
3,206	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	170	LF	ABANDON 10" UTILITY PIPE
95	EA	PERMANENT RAISED PAVEMENT MARKERS	3,445	LF	ABANDON 12" UTILITY PIPE
Lump Sum	LS	PORTABLE LIGHTING	51,691	LF	ABANDON 16" UTILITY PIPE
8,603	LF	*** WATER LINE (18")	390	LF	ABANDON 18" UTILITY PIPE
10	LF	4" WATER LINE	19,242	LF	ABANDON 24" UTILITY PIPE
4,699	LF	6" WATER LINE	65	LF	ABANDON 30" UTILITY PIPE
2,843	LF	8" WATER LINE	8	EA	REMOVE WATER METER
406	LF	10" WATER LINE	8	EA	REMOVE FIRE HYDRANT
3,172	LF	12" WATER LINE	35	EA	REMOVE UTILITY MANHOLE
1,861	LF	16" WATER LINE	139	LF	*** ENCASEMENT PIPE (14")
11,108	LF	24" WATER LINE	490	LF	*** ENCASEMENT PIPE (32")
102,451	LB	DUCTILE IRON WATER PIPE FITTINGS	355	LF	*** ENCASEMENT PIPE (48")
6	EA	*** VALVE (18")	140	LF	16" ENCASEMENT PIPE
4	EA	4" VALVE	165	LF	20" ENCASEMENT PIPE
35	EA	6" VALVE	330	LF	24" ENCASEMENT PIPE
9	EA	8" VALVE	139	LF	BORE AND JACK OF *** (14")
3	EA	10" VALVE	120	LF	BORE AND JACK OF *** (16")
9	EA	12" VALVE	75	LF	BORE AND JACK OF *** (20")
18	EA	16" VALVE	170	LF	BORE AND JACK OF *** (24")
12	EA	24" VALVE	235	LF	BORE AND JACK OF *** (32")
1	EA	*** TAPPING SLEEVE & VALVE (2-1/2")	65	LF	BORE AND JACK OF *** (48")
3	EA	*** TAPPING SLEEVE & VALVE (3")	935	LF	DIRECTIONAL DRILLING OF *** (12")
1	EA	4" TAPPING SLEEVE & VALVE	5,593	LF	DIRECTIONAL DRILLING OF *** (16")
1	EA	8" TAPPING SLEEVE & VALVE	6,805	LF	DIRECTIONAL DRILLING OF *** (18")
1	EA	12" TAPPING SLEEVE & VALVE	7,827	LF	DIRECTIONAL DRILLING OF *** (20")
10	EA	2" AIR RELEASE VALVE	9,936	LF	DIRECTIONAL DRILLING OF *** (24")
6	EA	6" BLOW OFF	497	LF	DIRECTIONAL DRILLING OF *** (8")
3	EA	*** WATER METER (1")	1	EA	GENERIC UTILITY ITEM 12" CHECK VALVE AND VAULT
2	EA	*** WATER METER (5/8")	3	EA	GENERIC UTILITY ITEM 12" SEWER VALVE
5	EA	2" WATER METER	12	EA	GENERIC UTILITY ITEM 16" SEWER VALVE
53	EA	RELOCATE WATER METER	23	EA	GENERIC UTILITY ITEM 2" AIR AND VACUUM RELEASE VALVE
10	EA	RECONNECT WATER METER	4	EA	GENERIC UTILITY ITEM 2" CHECK VALVE
2	EA	RELOCATE 2" DCV BACKFLOW PREVENTION ASSEMBLY	1	EA	GENERIC UTILITY ITEM 24" PRESSURE SUSTAINING VALVE ASSEMBLY
3	EA	RELOCATE *** RPZ BACKFLOW PREVENTION ASSEMBLY (1")	12	EA	GENERIC UTILITY ITEM 24" SEWER VALVE
33	EA	RELOCATE *** RPZ BACKFLOW PREVENTION ASSEMBLY (3/4")	1	EA	GENERIC UTILITY ITEM 6" SEWER VALVE
1	EA	RELOCATE 2" RPZ BACKFLOW PREVENTION ASSEMBLY	2	EA	GENERIC UTILITY ITEM ADJUST SANITARY SEWER CLEAN-OUT TO FINISH GRADE
21	EA	FIRE HYDRANT	1	EA	GENERIC UTILITY ITEM FLOW METER VAULT
4	EA	RELOCATE FIRE HYDRANT	11	EA	GENERIC UTILITY ITEM RECONNECT FORCE MAIN
324	LF	FIRE HYDRANT LEG	1	EA	GENERIC UTILITY ITEM RELOCATE YARD HYDRANT
5	EA	8" LINE STOP	Lump Sum	LS	GENERIC UTILITY ITEM PUMP STATION
5	EA	12" LINE STOP	Lump Sum	LS	GENERIC UTILITY ITEM REMOVE EXISTING PUMP STATION
6	EA	16" LINE STOP	235,000	LF	TEMPORARY SILT FENCE
5	EA	24" LINE STOP	2,100	TON	STONE FOR EROSION CONTROL, CLASS A
171	LF	*** WATER SERVICE LINE (2")	11,000	TON	STONE FOR EROSION CONTROL, CLASS B
35	LF	*** WATER SERVICE LINE (2-1/2")			
1,946	LF	WATER SERVICE LINE			
5,438	LF	*** SANITARY GRAVITY SEWER (8")			
69	LF	*** FORCE MAIN SEWER (2")			
69	LF	4" FORCE MAIN SEWER			

9,600	TON	SEDIMENT CONTROL STONE
864.5	ACR	TEMPORARY MULCHING
32,700	LB	SEED FOR TEMPORARY SEEDING
164.5	TON	FERTILIZER FOR TEMPORARY SEEDING
18,000	LF	TEMPORARY SLOPE DRAINS
28,000	LF	SAFETY FENCE
45,000	CY	SILT EXCAVATION
170,000	SY	MATTING FOR EROSION CONTROL
180,000	SY	COIR FIBER MAT
1,650	SY	PERMANENT SOIL REINFORCEMENT MAT
24,600	LF	1/4" HARDWARE CLOTH
1,500	SY	LOW PERMEABILITY GEOTEXTILE
155	LF	*** TEMPORARY PIPE (24")
275	LF	*** TEMPORARY PIPE (30")
555	SY	FLOATING TURBIDITY CURTAIN
135	CY	STILLING BASINS
30	EA	SPECIAL STILLING BASINS
21,200	LF	COIR FIBER WATTLE
8,065	LB	POLYACRYLAMIDE (PAM)
10,200	LF	COIR FIBER BAFFLE
16	EA	*** SKIMMER (1-1/2")
5	EA	*** SKIMMER (2")
3	EA	*** SKIMMER (2-1/2")
1	EA	*** SKIMMER (3")
580	ACR	SEEDING & MULCHING
290	ACR	MOWING
8,700	LB	SEED FOR REPAIR SEEDING
26	TON	FERTILIZER FOR REPAIR SEEDING
12,975	LB	SEED FOR SUPPLEMENTAL SEEDING
389.25	TON	FERTILIZER TOPDRESSING
2,650	LF	IMPERVIOUS DIKE
150	MHR	SPECIALIZED HAND MOWING
150	EA	RESPONSE FOR EROSION CONTROL
18	EA	CONCRETE WASHOUT STRUCTURE
1	ACR	REFORESTATION
20	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
60	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
12	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
46,550	LF	SIGNAL CABLE
217	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
48	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
25	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
920	LF	MESSENGER CABLE (1/4")
6,500	LF	MESSENGER CABLE (3/8")
39,330	LF	TRACER WIRE
4,820	LF	UNPAVED TRENCHING (*****) (1, 2")
16,870	LF	UNPAVED TRENCHING (*****) (2, 2")
80	LF	UNPAVED TRENCHING (*****) (3, 2")
120	LF	UNPAVED TRENCHING (*****) (4, 2")
10	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
1,380	LF	DIRECTIONAL DRILL (*****) (1, 2")
24,910	LF	DIRECTIONAL DRILL (*****) (2, 2")
880	LF	DIRECTIONAL DRILL (*****) (3, 2")
96	EA	JUNCTION BOX (STANDARD SIZE)
74	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
42	EA	WOOD POLE
86	EA	GUY ASSEMBLY
10	EA	1/2" RISER WITH WEATHERHEAD
31	EA	2" RISER WITH WEATHERHEAD
4	EA	2" RISER WITH HEAT SHRINK TUBING
14,010	LF	INDUCTIVE LOOP SAWCUT
27,690	LF	LEAD-IN CABLE (*****) (14-2)

40,750	LF	COMMUNICATIONS CABLE (**FIBER) (48)
4,670	LF	DROP CABLE
19	EA	SPLICE ENCLOSURE
1	EA	MODIFY SPLICE ENCLOSURE
18	EA	INTERCONNECT CENTER
43	EA	DELINEATOR MARKER
1	EA	FURNISH WIRELESS LIGHTNING ARRESTOR
10	EA	900MHZ SERIAL/ETHERNET SPREAD SPECTRUM RADIO
6	EA	MODIFY RADIO INSTALLATION
4,650	LF	REMOVE EXISTING COMMUNICATIONS CABLE
2	EA	GPS UNIT
27	EA	METAL POLE WITH SINGLE MAST ARM
1	EA	METAL POLE WITH DUAL MAST ARM
32	EA	SOIL TEST
192	CY	DRILLED PIER FOUNDATION
32	EA	MAST ARM WITH METAL POLE DESIGN
97	EA	SIGN FOR SIGNALS
11	EA	TYPE II PEDESTAL WITH FOUNDATION
3	EA	TYPE III PEDESTAL WITH FOUNDATION
11	EA	SIGNAL CABINET FOUNDATION
11	EA	CONTROLLERS WITH CABINET (*****)(TYPE 2070E, BASE-MOUNTED)
1	EA	CONTROLLERS WITH CABINET (*****)(TYPE 2070E, POLE-MOUNTED)
157	EA	DETECTOR CARD (*****)(2070E)
11	EA	CABINET BASE EXTENDER
2	EA	TRAFFIC SIGNAL REMOVAL
19	EA	METAL POLE FOUNDATION REMOVAL
19	EA	METAL POLE REMOVAL
6	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
3	EA	GENERIC SIGNAL ITEM CONTROLLER (TYPE 2070E)
4	EA	GENERIC SIGNAL ITEM DECORATIVE METAL POLE WITH SINGLE MAST ARM
7	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
2	EA	GENERIC SIGNAL ITEM DMS STRUCTURE (BACK-TO-BACK PEDESTAL)
4	EA	GENERIC SIGNAL ITEM DYNAMIC MESSAGE SIGN (TYPE IA)
8	EA	GENERIC SIGNAL ITEM ELECTRICAL SERVICE FOR ITS DEVICE
18	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
4	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
1	EA	GENERIC SIGNAL ITEM FURNISH ETHERNET EDGE SWITCH
22	EA	GENERIC SIGNAL ITEM JUNCTION BOX (SPECIAL OVER-SIZED HEAVY DUTY)
19	EA	GENERIC SIGNAL ITEM JUNCTION BOX MARKER
2	EA	GENERIC SIGNAL ITEM LUMINAIRE MAST ARM
11	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES
4	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)
10	EA	GENERIC SIGNAL ITEM REMOVE 900MHZ RADIO
3	EA	GENERIC SIGNAL ITEM WOOD PEDESTAL
310	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (226+01.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (316+72.00-L-)

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (64+15.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (83+76.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (226+01.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (316+72.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (64+15.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (83+76.00 -L-)
794	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
877.4	CY	CLASS A CONCRETE (CULVERT)
111,267	LB	REINFORCING STEEL (CULVERT)
Lump Sum	LS	GENERIC CULVERT ITEM ASBESTOS ASSESSMENT

WALL ITEMS

1,950	SF	MSE RETAINING WALL NO **** (1)
9,625	SF	MSE RETAINING WALL NO **** (10)
14,880	SF	MSE RETAINING WALL NO **** (11)
8,105	SF	MSE RETAINING WALL NO **** (12)
4,770	SF	MSE RETAINING WALL NO **** (13)
460	SF	MSE RETAINING WALL NO **** (2)
4,540	SF	MSE RETAINING WALL NO **** (3)
2,015	SF	MSE RETAINING WALL NO **** (4)
6,270	SF	MSE RETAINING WALL NO **** (5)
2,765	SF	MSE RETAINING WALL NO **** (6)
8,265	SF	MSE RETAINING WALL NO **** (7)
4,135	SF	MSE RETAINING WALL NO **** (8)
16,210	SF	MSE RETAINING WALL NO **** (9)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (390+15.00 -L- LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (369+42.00 -L- EBL)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (390+15.00 -L- RT)
Lump Sum	LS	ASBESTOS ASSESSMENT
10	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (369+42.00 -L- EBL)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (390+15.00 -L- LT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (390+15.00 -L- RT)
49,880	SF	REINFORCED CONCRETE DECK SLAB
51,122.6	SF	GROOVING BRIDGE FLOORS
399.9	CY	CLASS AA CONCRETE (BRIDGE)
209.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (31+30.81 -Y REV-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (369+42.00 -L- EBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (369+42.00 -L- WBL)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (39+52.37 -Y14A-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (390+15.00 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (390+15.00 -L- RT)
37,903	LB	REINFORCING STEEL (BRIDGE)
61,921	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,361.3	LF	36" PRESTRESSED CONCRETE GIRDERS
2,455.63	LF	54" PRESTRESSED CONCRETE GIRDERS
2,068.2	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
28	EA	PILE DRIVING EQUIPMENT SETUP FOR *** PRESTRESSED CONCRETE PILES (16")
24	EA	PILE DRIVING EQUIPMENT SETUP FOR *** PRESTRESSED CONCRETE PILES (24")
108	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
1,715	LF	16" PRESTRESSED CONCRETE PILES
2,520	LF	24" PRESTRESSED CONCRETE PILES
8,531	LF	HP12X53 STEEL PILES
80	EA	STEEL PILE POINTS
130	EA	PILE REDRIVES
1,730.95	LF	TWO BAR METAL RAIL
515.7	LF	CONCRETE BARRIER RAIL
1,792.19	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-6")
119	SY	4" SLOPE PROTECTION
2,190	TON	RIP RAP CLASS II (2'-0" THICK)
2,435	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (390+15.00 -L- LT)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (390+15.00 -L- RT)

