



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

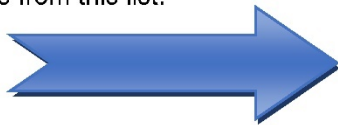
ROY COOPER  
GOVERNOR

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](http://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 JUNE 15, 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 MAY 18, 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	Brian C Burch, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L210615

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C204648	45861.3.1	PASQUOTANK	20.000 MI	SIGNALS.
002	C204647	45888.3.1	MECKLENBURG	6.080 MI	PAVEMENT AND STRUCTURE REHABILITATION.
003	C204646	2021CPT.10.15.10601 ETC.	MECKLENBURG	21.466 MI	MILLING, RESURFACING, AND SHOULDER GRADING.
004	C204620	67017.3.1	DUPLIN	0.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C204350	47617.3.1 ETC.	NASH	1.282 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
006	C204643	2021CPT.05.21.10921.1 ETC.	WAKE	22.414 MI	MILLING, RESURFACING, AND SHOULDER GRADING.
007	C204640	2021CPT.08.12.20531	LEE	6.870 MI	MILLING AND RESURFACING.
008	C204641	2021CPT.08.13.20631	MOORE	9.460 MI	MILLING AND RESURFACING.
009	C204642	2021CPT.08.14.20761	RANDOLPH	10.840 MI	MILLING AND RESURFACING.
010	C204644	2021CPT.08.15.10771 ETC.	RICHMOND	16.764 MI	MILLING, RESURFACING, AND SHOULDER GRADING.
011	C204638	15614.1075010	POLK	0.892 MI	GRADING, DRAINAGE, AND PAVING.

**Bid Letting Number** L210720

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
*001	C204372	40212.3.1 ETC.	CARTERET	0.853 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
**002	C204543	47532.3.3	HARNETT, JOHNSTON	8.873 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

PLEASE NOTE:

ELECTRONIC BIDDING FILES FOR C204372 AND C204543 IN THE JULY 2021 LETTING WILL BE POSTED AT A LATER DATE.

\*C204372 CARTERET COUNTY, B-4863 HAS A MANDATORY PRE-BID CONFERENCE ON THURSDAY JUNE 10, 2021 AT 1:30 PM VIA MICROSOFT TEAMS.

Contact Hon Yeung (hfyung@ncdot.gov) 252-439-2827 for a link to the meeting.

If you do not have access to Microsoft Teams, the following Call in Number is available:

1-888-251-2909, Access Number: 2580491.

\*\*C204543, HARNETT AND JOHNSTON COUNTIES, 47532.3.3 HAS A PRICE INCREASE. LARGE ROADWAY PLANS ARE \$300.00. SMALL ROADWAY PLANS ARE \$120.00. LARGE STRUCTURE PLANS ARE \$200.00. SMALL STRUCTURE PLANS ARE \$80.00.

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L210615 001

CONTRACT ID : C204648 45861.3.1

DIV OFFICE EDENTON

LENGTH = 20.000 MI

COUNTY : PASQUOTANK

SIGNALS.

DBE GOAL % COMPLETION DATE : DEC 05 2022

## ELIZABETH CITY SIGNAL SYSTEM.

ROADWAY ITEMS					
			10	EA	CABLE TRANSFER
			2	EA	METAL STRAIN SIGNAL POLE
			2	EA	SOIL TEST
			23.3	CY	DRILLED PIER FOUNDATION
			3	EA	SIGN FOR SIGNALS
			4	EA	TYPE I POST WITH FOUNDATION
			22	EA	TYPE II PEDESTAL WITH FOUNDATION
			8	EA	SIGNAL CABINET FOUNDATION
			19	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
			282	EA	DETECTOR CARD (*****) (MODEL 222)
			44	EA	CABINET BASE EXTENDER
			20	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
			44	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET WITH AUX FILE (2070LX, 332)
			1	EA	GENERIC SIGNAL ITEM DIGITAL DISPLAY MONITOR
			1	EA	GENERIC SIGNAL ITEM ETHERNET CORE SWITCH
			44	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
			1	EA	GENERIC SIGNAL ITEM FIREWALL
			3	EA	GENERIC SIGNAL ITEM FURNISH 2018 ENHANCED CONFLICT MONITOR
			1	EA	GENERIC SIGNAL ITEM FURNISH 2070 CONTROLLER TESTER
			3	EA	GENERIC SIGNAL ITEM FURNISH 2070LX CONTROLLER
			3	EA	GENERIC SIGNAL ITEM FURNISH 332 CABINET WITH AUX FILE
			2	EA	GENERIC SIGNAL ITEM FURNISH CCTV CAMERA ASSEMBLY
			1	EA	GENERIC SIGNAL ITEM FURNISH CONFLICT MONITOR TESTER
			3	EA	GENERIC SIGNAL ITEM FURNISH ETHERNET EDGE SWITCH
			1	EA	GENERIC SIGNAL ITEM GUY ASSEMBLY - AERIAL
			8	EA	GENERIC SIGNAL ITEM GUY ASSEMBLY - SIDEWALK
			12	EA	GENERIC SIGNAL ITEM HEAT SHRINK TUBING KIT
			3	EA	GENERIC SIGNAL ITEM ITS SERVER
			15	EA	GENERIC SIGNAL ITEM JUNCTION BOX (SPECIAL-SIZED)
			46	EA	GENERIC SIGNAL ITEM JUNCTION BOX MARKER
			1	EA	GENERIC SIGNAL ITEM KVM SWITCH
			1	EA	GENERIC SIGNAL ITEM MODIFY COMMUNICATIONS RACK
			8	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE
			6	EA	GENERIC SIGNAL ITEM MODIFY FOUNDATION FOR CONTROL- LER CABINET
			71	EA	GENERIC SIGNAL ITEM POLE GROUNDING SYSTEM
			2	EA	GENERIC SIGNAL ITEM POWDER COAT FOR STRAIN POLE (BLACK)
			1	EA	GENERIC SIGNAL ITEM PTZ JOYSTICK
			30	EA	GENERIC SIGNAL ITEM RELOCATE EXISTING CABINET EQUIPMENT
			1	EA	GENERIC SIGNAL ITEM SIGNAL SYSTEM SUPERVISOR'S COMPUTER SYSTEM
			69	EA	GENERIC SIGNAL ITEM SPAN TRANSFER
Lump Sum	LS	MOBILIZATION			
90	SY	4" CONCRETE SIDEWALK			
325	SF	WORK ZONE SIGNS (PORTABLE)			
72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW BOARD			
40	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)			
60	EA	DRUMS			
40	EA	CONES			
48	LF	BARRICADES (TYPE III)			
30	LF	PEDESTRIAN CHANNELIZING DE- VICES			
320	DAY	FLAGGER			
2	EA	TMA			
250	HR	LAW ENFORCEMENT			
80	EA	SKINNY DRUM			
8	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES			
4	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS			
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)			
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
160	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
590	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			
7	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
2,470	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			
58	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
22,040	LF	SIGNAL CABLE			
110	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
26	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
9	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
25,058	LF	MESSENGER CABLE (1/4")			
2,630	LF	MESSENGER CABLE (3/8")			
44,687	LF	TRACER WIRE			
80	LF	DIRECTIONAL DRILL (*****) (1, 2")			
19,145	LF	DIRECTIONAL DRILL (*****) (2, 2")			
39	EA	JUNCTION BOX (STANDARD SIZE)			
114	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)			
116	EA	GUY ASSEMBLY			
12	EA	1/2" RISER WITH WEATHERHEAD			
1	EA	1" RISER WITH WEATHERHEAD			
26	EA	2" RISER WITH WEATHERHEAD			
38	EA	2" RISER WITH HEAT SHRINK TUBING			
5,380	LF	INDUCTIVE LOOP SAWCUT			
46,950	LF	LEAD-IN CABLE (*****) (14-2)			
14,785	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
91,379	LF	COMMUNICATIONS CABLE (**FIBER) (48)			
9,537	LF	DROP CABLE			
38	EA	SPLICE ENCLOSURE			
44	EA	INTERCONNECT CENTER			
67	EA	DELINEATOR MARKER			
10	EA	NEW ELECTRICAL SERVICE			
13,318	LF	REMOVE EXISTING COMMUNICATIONS CABLE			

1	EA	GENERIC SIGNAL ITEM TYPE 332 TEST CONTROLLER WITH CABINET
1	EA	GENERIC SIGNAL ITEM UPS IN COMMUNICATIONS RACK
9	EA	GENERIC SIGNAL ITEM WOOD POLE FOR SIGNALS
13	EA	GENERIC SIGNAL ITEM WOOD POLE FOR SIGNALS WITH CCTV
Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SOFTWARE
Lump Sum	LS	GENERIC SIGNAL ITEM NETWORK MANAGEMENT SOFTWARE
Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SYSTEM SOFTWARE
Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM SUPPORT SOFTWARE & DEVICES
Lump Sum	LS	GENERIC SIGNAL ITEM TMC BUILDING MODIFICATIONS
Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
75	LF	GENERIC SIGNAL ITEM AERIAL CABLE PROTECTOR
3,787	LF	GENERIC SIGNAL ITEM ETHERNET CABLE
185	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 1")
1,955	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 2")
24,158	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (2, 2")
40	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (3, 2")
8	SF	GENERIC SIGNAL ITEM BRICK PAVERS





## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 003

CONTRACT ID : C204646 2021CPT.10.15.10601 DIV OFFICE ALBEMARLE

LENGTH = 21.466 MI

COUNTY : MECKLENBURG

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 6.0% COMPLETION DATE : AUG 01 2022

1 SECTION OF US-74, 2 SECTIONS OF NC-16, 1 SECTION OF NC-160 , 1 SECTION OF NC-115, AND 19 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,312	CY	BORROW EXCAVATION
8,840	SY	GENERIC GRADING ITEM
		SOIL CEMENT BASE FULL DEPTH RECLAMATION
283	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
585	TON	INCIDENTAL STONE BASE
16.13	SMI	SHOULDER RECONSTRUCTION
237,824	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
16,298	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
7,855	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
5,787	SY	INCIDENTAL MILLING
40,351	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,408	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
2,514	TON	ASPHALT BINDER FOR PLANT MIX
11,303	TON	PATCHING EXISTING PAVEMENT
8,365	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
4,605	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
2	WK	VACUUM TRUCK
36	EA	RETROFIT EXISTING CURB RAMPS
3	EA	CONCRETE CURB RAMPS
1,242	SY	6" CONCRETE DRIVEWAY
73	EA	ADJUSTMENT OF MANHOLES
99	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,957	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
188	LF	PEDESTRIAN CHANNELIZING DE- VICES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
1,300	HR	LAW ENFORCEMENT
3	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICE
319,112	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
23,951	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
68	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
460	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,654	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
11,843	LF	PAINT PAVEMENT MARKING LINES (4")
1,654	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
40	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
2,947	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1,574	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
1,492	LF	TEMPORARY SILT FENCE
2,114	LF	WATTLE
25	LB	POLYACRYLAMIDE (PAM)
11.8	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 004

CONTRACT ID : C204620 67017.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.152 MI

COUNTY : DUPLIN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : FEB 28 2023

BRIDGE #12 OVER LITTLE ROCKFISH CREEK ON NC-11.

ROADWAY ITEMS				
			30 DAY	FLAGGER
			11 EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	MOBILIZATION	3,024 LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (18+27.00 -L-)	640 LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
300	CY	UNDERCUT EXCAVATION	7,600 LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	GRADING	40 LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	10 EA	PERMANENT RAISED PAVEMENT MARKERS
70	CY	DRAINAGE DITCH EXCAVATION	2 EA	SNOWPLOWABLE PAVEMENT MARKERS
300	CY	SELECT GRANULAR MATERIAL	700 LF	12" WATER LINE
400	SY	GEOTEXTILE FOR SOIL STABILIZATION	4,640 LB	DUCTILE IRON WATER PIPE FITTINGS
345	SY	ROCK PLATING	1 EA	6" VALVE
133	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1 EA	12" VALVE
659	SY	FOUNDATION CONDITIONING GEOTEXTILE	1 EA	12" TAPPING SLEEVE & VALVE
76	LF	15" DRAINAGE PIPE	1 EA	RECONNECT WATER METER
4	EA	*** DRAINAGE PIPE ELBOWS (15")	1 EA	FIRE HYDRANT
36	LF	15" RC PIPE CULVERTS, CLASS IV	5 LF	FIRE HYDRANT LEG
484	LF	18" RC PIPE CULVERTS, CLASS IV	20 LF	WATER SERVICE LINE
109	LF	PIPE REMOVAL	116 LF	8" SANITARY GRAVITY SEWER
20	TON	INCIDENTAL STONE BASE	135 LF	18" SANITARY GRAVITY SEWER
290	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")	580 LB	DUCTILE IRON SEWER PIPE FITTINGS
775	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	2 EA	4' DIA UTILITY MANHOLE
650	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	11.1 LF	UTILITY MANHOLE WALL 4' DIA
680	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	50 LF	ABANDON 8" UTILITY PIPE
115	TON	ASPHALT BINDER FOR PLANT MIX	611 LF	ABANDON 12" UTILITY PIPE
191	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	197 LF	ABANDON 18" UTILITY PIPE
45	CY	SUBDRAIN EXCAVATION	1 EA	ABANDON UTILITY MANHOLE
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	1 EA	REMOVE UTILITY MANHOLE
34	CY	SUBDRAIN COARSE AGGREGATE	60 LF	20" ENCASMENT PIPE
200	LF	6" PERFORATED SUBDRAIN PIPE	60 LF	BORE AND JACK OF *** (20")
1	EA	SUBDRAIN PIPE OUTLET	2,100 LF	TEMPORARY SILT FENCE
6	LF	6" OUTLET PIPE	200 TON	STONE FOR EROSION CONTROL, CLASS A
7	EA	MASONRY DRAINAGE STRUCTURES	110 TON	STONE FOR EROSION CONTROL, CLASS B
3.5	LF	MASONRY DRAINAGE STRUCTURES	150 TON	SEDIMENT CONTROL STONE
4	EA	FRAME WITH TWO GRATES, STD 840.24	2.5 ACR	TEMPORARY MULCHING
3	EA	FRAME WITH TWO GRATES, STD 840.29	200 LB	SEED FOR TEMPORARY SEEDING
75	LF	SHOULDER BERM GUTTER	2 TON	FERTILIZER FOR TEMPORARY SEEDING
225	LF	STEEL BEAM GUARDRAIL	200 LF	TEMPORARY SLOPE DRAINS
162.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	320 LF	SAFETY FENCE
5	EA	ADDITIONAL GUARDRAIL POSTS	340 CY	SILT EXCAVATION
2	EA	GUARDRAIL END UNITS, TYPE AT-1	1,900 SY	MATTING FOR EROSION CONTROL
2	EA	GUARDRAIL END UNITS, TYPE TL-3	630 SY	COIR FIBER MAT
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	100 LF	1/4" HARDWARE CLOTH
150	TON	RIP RAP, CLASS II	100 SY	LOW PERMEABILITY GEOTEXTILE
90	TON	RIP RAP, CLASS B	2 EA	SPECIAL STILLING BASINS
800	SY	GEOTEXTILE FOR DRAINAGE	360 LF	COIR FIBER WATTLE
114	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	45 LB	POLYACRYLAMIDE (PAM)
6	EA	SIGN ERECTION, TYPE E	115 LF	COIR FIBER BAFFLE
3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)	2 EA	*** SKIMMER (1-1/2")
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3.7 ACR	SEEDING & MULCHING
3	EA	DISPOSAL OF SUPPORT, U-CHANNEL	1.2 ACR	MOWING
505	SF	WORK ZONE SIGNS (STATIONARY)	50 LB	SEED FOR REPAIR SEEDING
96	SF	WORK ZONE SIGNS (PORTABLE)	0.25 TON	FERTILIZER FOR REPAIR SEEDING
143	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	50 LB	SEED FOR SUPPLEMENTAL SEEDING
25	EA	CONES	175 SY	SODDING
96	LF	BARRICADES (TYPE III)	3 M/G	WATER
			1.5 TON	FERTILIZER TOPDRESSING
			10 MHR	SPECIALIZED HAND MOWING
			18 EA	RESPONSE FOR EROSION CONTROL
			2 EA	CONCRETE WASHOUT STRUCTURE

## STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+27.00 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
2	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+27.00-L-)
6,687	SF	REINFORCED CONCRETE DECK SLAB
6,703.4	SF	GROOVING BRIDGE FLOORS
91.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+27.00 -L-)
13,473	LB	REINFORCING STEEL (BRIDGE)
786.88	LF	45" PRESTRESSED CONCRETE GIR- DERS
12	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
7	EA	PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 18 X 0.50)
900	LF	HP12X53 STEEL PILES
525	LF	PP 18 X 0.50 STEEL PILES
12	EA	STEEL PILE POINTS
7	EA	PIPE PILE PLATES
10	EA	PILE REDRIVES
316.55	LF	CONCRETE BARRIER RAIL
570	TON	RIP RAP CLASS II (2'-0" THICK)
630	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 005

CONTRACT ID : C204350 47617.3.1

DIV OFFICE WILSON

LENGTH = 1.282 MI

COUNTY : NASH

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : APR 29 2024

I-95 AT SR-1544 (HALIFAX RD), BRIDGE #41 OVER I-95 ON NC-33, AND BRIDGE #224 OVER I-95 ON SR-1510.

ROADWAY ITEMS					
		492	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500")	
Lump Sum	LS	96	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.375")	
Lump Sum	LS				
Lump Sum	LS	462	LF	PIPE REMOVAL	
3	ACR	345	SY	6" SLOPE PROTECTION	
		Lump Sum	LS	FINE GRADING	
18,820	CY	1,900	CY	SHALLOW UNDERCUT	
Lump Sum	LS	3,600	TON	CLASS IV SUBGRADE STABILIZATION	
		2,627	TON	AGGREGATE BASE COURSE	
Lump Sum	LS	2,700	TON	INCIDENTAL STONE BASE	
		2,180	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	
Lump Sum	LS				
		560	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	
6,000	CY				
205,000	LF				
327,675	CY	220	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")	
8	EA				
7,165	CY	2,930	SY	INCIDENTAL MILLING	
21,730	SY	15,795	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	
12,550	SY	7,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
4,600	SY	835	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
13,600	CY	3,455	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
14,500	SY	4,470	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	
3,070	SF	1,317	TON	ASPHALT BINDER FOR PLANT MIX	
7,160	SY	258	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	
10,400	SY				
		750	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	
50	TON				
		910	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	
516	TON	6,381	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (11")	
1,603	SY	1,571	SY	GENERIC PAVING ITEM	
208	LF				
4	EA	11	EA	RIGHT-OF-WAY MARKERS	
160	LF	16	EA	CONTROL-OF-ACCESS MARKERS	
		224	CY	SUBDRAIN EXCAVATION	
		1,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	
256	LF	168	CY	SUBDRAIN COARSE AGGREGATE	
		1,000	LF	6" PERFORATED SUBDRAIN PIPE	
		2	EA	SUBDRAIN PIPE OUTLET	
		12	LF	6" OUTLET PIPE	
		14.1	CY	ENDWALLS	
		5	CY	REINFORCED ENDWALLS	
		2	CY	PIPE COLLARS	
		190	CY	FLOWABLE FILL	
		37	EA	MASONRY DRAINAGE STRUCTURES	
		38.5	LF	MASONRY DRAINAGE STRUCTURES	
		4	EA	FRAME WITH TWO GRATES, STD 840.20	
		7	EA	FRAME WITH TWO GRATES, STD 840.22	
		3	EA	FRAME WITH TWO GRATES, STD 840.24	
		9	EA	FRAME WITH TWO GRATES, STD 840.29	
		3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
		7	EA	FRAME WITH COVER, STD 840.54	
		4	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	
		3	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	
		4	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	
		860	LF	1'-6" CONCRETE CURB & GUTTER	

301	LF	SHOULDER BERM GUTTER	90	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
550	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	4	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
360	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	44	EA	WORK ZONE PRESENCE LIGHTING
1,370	LF	GENERIC PAVING ITEM 1'-6" CONCRETE CURB & GUTTER (11" DEPTH)	620	EA	DRUMS
12,400	LF	STEEL BEAM GUARDRAIL	110	EA	HIGH VISIBILITY DRUMS
675	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	56	EA	SEQUENTIAL FLASHING WARNING LIGHTS
20	EA	ADDITIONAL GUARDRAIL POSTS	784	LF	BARRICADES (TYPE III)
3	EA	GUARDRAIL END UNITS, TYPE CAT-1	53	DAY	FLAGGER
5	EA	GUARDRAIL ANCHOR UNITS, TYPE III	7	EA	TEMPORARY CRASH CUSHIONS
21	EA	GUARDRAIL END UNITS, TYPE TL-3	2	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
5	EA	GUARDRAIL END UNITS, TYPE TL-2	9	EA	TMA
12	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	3,088	LF	PORTABLE CONCRETE BARRIER
15,715	LF	REMOVE EXISTING GUARDRAIL	1,020	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
925	LF	DOUBLE FACED CABLE GUIDERAIL	2,254	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
2	EA	CABLE GUIDERAIL ANCHOR UNITS	352	HR	LAW ENFORCEMENT
3,050	LF	WOVEN WIRE FENCE, 47" FABRIC	300	EA	SKINNY DRUM
194	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	74	EA	TEMPORARY RAISED PAVEMENT MARKERS
45	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	27,030	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
350	LF	ADDITIONAL BARBED WIRE	16,165	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
50	LF	WOVEN WIRE FENCE RESET	1,129	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
651	TON	RIP RAP, CLASS I	1,576	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
531	TON	RIP RAP, CLASS B	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
2,290	SY	GEOTEXTILE FOR DRAINAGE	32	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
626	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)	872	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
422	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	27,970	LF	PAINT PAVEMENT MARKING LINES (4")
397	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	120	LF	PAINT PAVEMENT MARKING LINES (8")
203	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)	136	LF	PAINT PAVEMENT MARKING LINES (24")
4	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (MILEMARKER)	20	EA	PAINT PAVEMENT MARKING SYMBOL
1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	6,451	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	86,280	SF	WORK ZONE TRAFFIC PATTERN MASKING
2,224	LB	SUPPORTS, BREAKAWAY STEEL BEAM	3	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
2,862	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	256	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 12", 20 MILS (STD GLASS BEADS)
12	EA	SIGN ERECTION, TYPE D	5,819	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4", 20 MILS (STANDARD GLASS BEADS)
84	EA	SIGN ERECTION, TYPE E	3,825	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6", 20 MILS (STANDARD GLASS BEADS)
102	EA	SIGN ERECTION, TYPE F	189	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	291	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKERS
4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	46	EA	PERMANENT RAISED PAVEMENT MARKERS
4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	6	EA	OBJECT MARKERS (END OF ROAD)
2	EA	SIGN ERECTION, MILEMARKERS	2	EA	80' HIGH MOUNT STANDARD
1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	5	EA	100' HIGH MOUNT STANDARD
48	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	PORTABLE DRIVE UNIT
33	EA	DISPOSAL OF SUPPORT, U-CHANNEL	48	CY	HIGH MOUNT FOUNDATIONS
5	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	6	EA	STANDARD FOUNDATION ***** (R1)
4	EA	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)	1	EA	STANDARD FOUNDATION ***** (R2)
70	EA	DISPOSAL OF SIGN, D, E OR F	1	EA	ELECTRIC SERVICE POLE **** ***** (30', CLASS 4)
2	EA	DISPOSAL OF SIGN, MILEMARKER	25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
5	EA	DISPOSAL OF LIGHTING SYSTEM	370	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
3,461	SF	WORK ZONE SIGNS (STATIONARY)	530	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
314	SF	HIGH VISIBILITY STATIONARY SIGNS	260	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
384	SF	WORK ZONE SIGNS (PORTABLE)			
400	SF	HIGH VISIBILITY PORTABLE SIGNS			
531	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
10	EA	FLASHING ARROW BOARD			
10	EA	PORTABLE CHANGEABLE MESSAGE SIGN			

			150	SY	COIR FIBER MAT	
			200	SY	PERMANENT SOIL REINFORCEMENT MAT	
320	LF	** #8 W/G FEEDER CIRCUIT (2)	2,425	LF	1/4" HARDWARE CLOTH	
420	LF	** #6 W/G FEEDER CIRCUIT (2)	150	SY	LOW PERMEABILITY GEOTEXTILE	
			1,460	LF	COIR FIBER WATTLE	
320	LF	** #4 W/G FEEDER CIRCUIT (2)	1,125	LB	POLYACRYLAMIDE (PAM)	
			2,500	LF	COIR FIBER BAFFLE	
2,385	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	4	EA	*** SKIMMER (1-1/2")	
			1	EA	*** SKIMMER (2")	
3,535	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	63	ACR	SEEDING & MULCHING	
			54.25	ACR	MOWING	
2,315	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	700	LB	SEED FOR REPAIR SEEDING	
			2.5	TON	FERTILIZER FOR REPAIR SEEDING	
1	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)	1,500	LB	SEED FOR SUPPLEMENTAL SEEDING	
			45	TON	FERTILIZER TOPDRESSING	
7	EA	ELECTRICAL JUNCTION BOXES ***** (HM18)	30	MHR	SPECIALIZED HAND MOWING	
			250	EA	RESPONSE FOR EROSION CONTROL	
1	EA	ELECTRICAL JUNCTION BOXES ***** (HM36)	23	EA	CONCRETE WASHOUT STRUCTURE	
			16	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	
9	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)	8	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE	
			1,330	LF	SIGNAL CABLE	
6	EA	ELECTRICAL JUNCTION BOXES ***** (IG36)	2	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
			2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	
8	EA	ELECTRICAL JUNCTION BOXES ***** (LS18)	2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
Lump Sum	LS	PORTABLE LIGHTING	540	LF	MESSENGER CABLE (3/8")	
Lump Sum	LS	GENERIC LIGHTING ITEM EQUIPMENT STORAGE	760	LF	UNPAVED TRENCHING (***** (1, 2"))	
18	EA	GENERIC LIGHTING ITEM 100' HIGH MOUNT LUMINAIRE - LED	40	LF	UNPAVED TRENCHING (***** (3, 2"))	
			210	LF	DIRECTIONAL DRILL (***** (1, 2"))	
16	EA	GENERIC LIGHTING ITEM 80' HIGH MOUNT LUMINAIRE - LED	10	EA	JUNCTION BOX (STANDARD SIZE)	
34	EA	GENERIC LIGHTING ITEM CONTROL NODE	7	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	
			5	EA	2" RISER WITH WEATHERHEAD	
1	EA	GENERIC LIGHTING ITEM LIGHTING CONTROL SYSTEM	1,580	LF	INDUCTIVE LOOP SAWCUT	
			4,690	LF	LEAD-IN CABLE (***** (14-2))	
7	EA	GENERIC LIGHTING ITEM REFURBISH SINGLE ARM LIGHT STAN-DARD	1	EA	SITE SURVEY	
			2	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	
1	EA	GENERIC LIGHTING ITEM REINSTALL COMMUNICATION GATEWAY	1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT	
			1	EA	SIGN FOR SIGNALS	
7	EA	GENERIC LIGHTING ITEM RELOCATE SINGLE ARM LIGHT STANDARD	1	EA	SIGNAL CABINET FOUNDATION	
			1	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070E, BASE MOUNTED))	
1	EA	GENERIC LIGHTING ITEM REMOVE CONTROL SYSTEM	9	EA	DETECTOR CARD (TYPE 2070L)	
			1	EA	CABINET BASE EXTENDER	
3	EA	GENERIC LIGHTING ITEM REMOVE HIGH MOUNT LIGHT STANDARD	1	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY	
			1	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE	
3	EA	GENERIC LIGHTING ITEM REMOVE HIGH MOUNT STANDARD FOUNDATION	1	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	
			1	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET	
19	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD	1	EA	GENERIC SIGNAL ITEM GROUNDING SYSTEM	
			1	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL	
19	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD FOUNDATION	430	LF	GENERIC SIGNAL ITEM 3 WIRE COPPER FEEDER CONDUCTORS	
			100	LF	GENERIC SIGNAL ITEM ETHERNET CABLE	
26	LF	6" WATER LINE				
72	LF	8" WATER LINE				
735	LB	DUCTILE IRON WATER PIPE FITTINGS				
2	EA	6" VALVE				
2	EA	8" VALVE				
1	EA	FIRE HYDRANT				
24	LF	FIRE HYDRANT LEG				
75	LF	WATER SERVICE LINE				
180	LF	ABANDON 8" UTILITY PIPE				
2	EA	REMOVE FIRE HYDRANT				
39,300	LF	TEMPORARY SILT FENCE				
1,615	TON	STONE FOR EROSION CONTROL, CLASS A				
6,025	TON	STONE FOR EROSION CONTROL, CLASS B				
3,560	TON	SEDIMENT CONTROL STONE				
64	ACR	TEMPORARY MULCHING	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+07.12 -L-)	
3,200	LB	SEED FOR TEMPORARY SEEDING	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (28+02.81 -L-)	
19	TON	FERTILIZER FOR TEMPORARY SEEDING	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+07.50 -Y2-)	
5,000	LF	TEMPORARY SLOPE DRAINS				
1,090	LF	SAFETY FENCE				
10,400	CY	SILT EXCAVATION				
53,830	SY	MATTING FOR EROSION CONTROL				

**STRUCTURE ITEMS**

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (42+87.26 -Y1-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 19+07.12 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 42+88.27 -Y1-)
86.2	LF	4'-0" DIA DRILLED PIERS IN SOIL
16	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
3	EA	PDA TESTING
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (19+07.12 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (28+02.81 -L-)
30,940	SF	REINFORCED CONCRETE DECK SLAB
30,365	SF	GROOVING BRIDGE FLOORS
468.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+07.12 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+02.81 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (42+56.82 -Y1-)
82,977	LB	REINFORCING STEEL (BRIDGE)
6,885	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,143.33	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
896,000	LS	APPROX ..... LBS STRUCTURAL STEEL
111	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
5,647	LF	HP12X53 STEEL PILES
24	EA	STEEL PILE POINTS
30	EA	PILE REDRIVES
1,437.03	LF	CONCRETE BARRIER RAIL
3,369	SY	4" SLOPE PROTECTION
Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
832	LF	GENERIC STRUCTURE ITEM FIBER OPTIC CONDUIT SYSTEM WITH HANGERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 006

CONTRACT ID : C204643 2021CPT.05.21.10921.1 DIV OFFICE DURHAM

LENGTH = 22.414 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 9.0% COMPLETION DATE : NOV 30 2022

1 SECTION OF US-1 AND 67 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
49	CY	BORROW EXCAVATION
12	SMI	GENERIC GRADING ITEM SHOULDER GRADING
35	TON	INCIDENTAL STONE BASE
3,173	TON	AGGREGATE SHOULDER BORROW
130,265	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
463	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
614	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/4")
9,618	SY	INCIDENTAL MILLING
23,440	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
9,730	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,397	TON	ASPHALT BINDER FOR PLANT MIX
3,396	TON	PATCHING EXISTING PAVEMENT
920	LF	2'-6" CONCRETE CURB & GUTTER
290	SY	4" CONCRETE SIDEWALK
40	EA	RETROFIT EXISTING CURB RAMPS
3	EA	CONCRETE CURB RAMPS
100	EA	REMOVE AND REPLACE CURB RAMPS
60	EA	GENERIC PAVING ITEM REMOVE CURB RAMP
3	EA	ADJUSTMENT OF MANHOLES
11	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
22	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
25	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
3,752	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
240	LF	PEDESTRIAN CHANNELIZING DE- VICES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
480	HR	LAW ENFORCEMENT
6	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
10	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)
3	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS
160,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,730	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
420	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
56	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
178	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,170	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
2,210	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
70	LF	TEMPORARY SILT FENCE
80	LF	WATTLE
0.15	ACR	SEEDING & MULCHING
2	EA	RESPONSE FOR EROSION CONTROL
10,000	LF	INDUCTIVE LOOP SAWCUT



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 007

CONTRACT ID : C204640 2021CPT.08.12.20531 DIV OFFICE CARTHAGE

LENGTH = 6.870 MI

COUNTY : LEE

MILLING AND RESURFACING.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2022

10 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
75,745	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,612	SY	INCIDENTAL MILLING
3,963	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
9,217	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
808	TON	ASPHALT BINDER FOR PLANT MIX
175	TON	PATCHING EXISTING PAVEMENT
13,411	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
7,376	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
1	WK	VACUUM TRUCK
5	TON	BLOTTING SAND
37	EA	ADJUSTMENT OF MANHOLES
27	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
759	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
84,606	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,020	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
338	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
66	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
34	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
84,606	LF	PAINT PAVEMENT MARKING LINES (4")
1,020	LF	PAINT PAVEMENT MARKING LINES (8")
338	LF	PAINT PAVEMENT MARKING LINES (12")
320	LF	PAINT PAVEMENT MARKING LINES (16")
365	LF	PAINT PAVEMENT MARKING LINES (24")
16	EA	PAINT PAVEMENT MARKING CHARAC- TER
66	EA	PAINT PAVEMENT MARKING SYMBOL
320	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
365	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
529	EA	SNOWPLOWABLE PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 008

CONTRACT ID : C204641 2021CPT.08.13.20631 DIV OFFICE CARTHAGE

LENGTH = 9.460 MI

COUNTY : MOORE

MILLING AND RESURFACING.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2022

## 6 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
111,059	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
2,094	SY	INCIDENTAL MILLING
1,571	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
12,321	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
901	TON	ASPHALT BINDER FOR PLANT MIX
425	TON	PATCHING EXISTING PAVEMENT
15	EA	ADJUSTMENT OF MANHOLES
13	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
950	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
53,580	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
795	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
96	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
41	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
26	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
105,533	LF	PAINT PAVEMENT MARKING LINES (4")
795	LF	PAINT PAVEMENT MARKING LINES (8")
96	LF	PAINT PAVEMENT MARKING LINES (12")
1,094	LF	PAINT PAVEMENT MARKING LINES (24")
28	EA	PAINT PAVEMENT MARKING CHARAC- TER
41	EA	PAINT PAVEMENT MARKING SYMBOL
1,094	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
275	EA	SNOWPLOWABLE PAVEMENT MARKERS
900	LF	INDUCTIVE LOOP SAWCUT
900	LF	LEAD-IN CABLE (***** (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 009

CONTRACT ID : C204642 2021CPT.08.14.20761 DIV OFFICE CARTHAGE

LENGTH = 10.840 MI

COUNTY : RANDOLPH

MILLING AND RESURFACING.

DBE GOAL 6.0% COMPLETION DATE : JUN 30 2022

## 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
120	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,113	SY	INCIDENTAL MILLING
4,767	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
12,290	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,038	TON	ASPHALT BINDER FOR PLANT MIX
590	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,187	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
300	LF	INDUCTIVE LOOP SAWCUT
300	LF	LEAD-IN CABLE (***** (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 010

CONTRACT ID : C204644 2021CPT.08.15.10771 DIV OFFICE CARTHAGE

LENGTH = 16.764 MI

COUNTY : RICHMOND

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2022

7 SECTIONS OF US-74 BYPASS, 1 SECTION OF US-74, AND 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
27.87	SMI	SHOULDER RECONSTRUCTION
3,945	TON	AGGREGATE SHOULDER BORROW
223,910	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
59,767	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
3,538	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
1,350	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
7,352	SY	INCIDENTAL MILLING
9,016	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
6,626	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
28,525	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
876	TON	ASPHALT BINDER FOR PLANT MIX
2,195	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
9,347	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
114,605	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
14	EA	ADJUSTMENT OF MANHOLES
11	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,845	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
103	HR	LAW ENFORCEMENT
148,662	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
76	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
6,495	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
27	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
274,132	LF	PAINT PAVEMENT MARKING LINES (6")
152	LF	PAINT PAVEMENT MARKING LINES (8")
12,336	LF	PAINT PAVEMENT MARKING LINES (12")
151	LF	PAINT PAVEMENT MARKING LINES (24")
46	EA	PAINT PAVEMENT MARKING SYMBOL
3,874	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
96	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1,077	EA	SNOWPLOWABLE PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210615 011

CONTRACT ID : C204638 15614.1075010

DIV OFFICE SYLVA

LENGTH = 0.892 MI

COUNTY : POLK

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 8.0% COMPLETION DATE : OCT 28 2023

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

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210720 001

CONTRACT ID : C204372 40212.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.853 MI

COUNTY : CARTERET

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 1.0% COMPLETION DATE : OCT 28 2025

BRIDGE #73 AND #96 OVER THE STRAITS AT HARKERS ISLAND ON SR-1335 (ISLAND RD).

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	50	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)
Lump Sum	LS	CONSTRUCTION SURVEYING	3	EA	TEMPORARY GUARDRAIL END UNITS, TYPE *****
900	CY	UNDERCUT EXCAVATION	1	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE AT-1
Lump Sum	LS	GRADING	9	EA	GENERIC FENCING ITEM STEEL BOLLARDS
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	124	TON	RIP RAP, CLASS II
20	CY	DRAINAGE DITCH EXCAVATION	33	TON	RIP RAP, CLASS B
1,450	CY	SELECT GRANULAR MATERIAL, CLASS III	647	SY	GEOTEXTILE FOR DRAINAGE
1,125	SY	GEOTEXTILE FOR SOIL STABILIZATION	12	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
1,130	SF	TEMPORARY SHORING	70	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
223	SY	ROCK PLATING	150	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2,850	SY	GENERIC GRADING ITEM NONWOVEN GEOTEXTILE	2	EA	SIGN ERECTION, TYPE D
80	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	11	EA	SIGN ERECTION, TYPE E
230	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
684	LF	18" RC PIPE CULVERTS, CLASS IV	2	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,135	TON	#57 STONE	17	EA	DISPOSAL OF SIGN SYSTEM, WOOD
125	CY	SHALLOW UNDERCUT	208	SF	WORK ZONE SIGNS (STATIONARY)
250	TON	CLASS IV SUBGRADE STABILIZATION	192	SF	WORK ZONE SIGNS (PORTABLE)
200	TON	CLASS IV AGGREGATE STABILIZATION	20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,220	TON	AGGREGATE BASE COURSE	270	EA	DRUMS
50	TON	INCIDENTAL STONE BASE	10	EA	CONES
648	GAL	PRIME COAT	48	LF	BARRICADES (TYPE III)
480	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	72	DAY	FLAGGER
840	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")	2	EA	TEMPORARY CRASH CUSHIONS
180	SY	INCIDENTAL MILLING	1	EA	TMA
860	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	220	LF	PORTABLE CONCRETE BARRIER
570	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	80	EA	TEMPORARY RAISED PAVEMENT MARKERS
210	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	5,663	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,140	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	61,094	LF	PAINT PAVEMENT MARKING LINES (4")
150	TON	ASPHALT BINDER FOR PLANT MIX	14,565	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
19	EA	GENERIC PAVING ITEM PRECAST CONCRETE PARKING CURB	12,920	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4", 20 MILS (STANDARD GLASS BEADS)
224	CY	SUBDRAIN EXCAVATION	56	EA	PERMANENT RAISED PAVEMENT MARKERS
1,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	8,375	LF	TEMPORARY SILT FENCE
168	CY	SUBDRAIN COARSE AGGREGATE	190	TON	STONE FOR EROSION CONTROL, CLASS A
1,000	LF	6" PERFORATED SUBDRAIN PIPE	325	TON	STONE FOR EROSION CONTROL, CLASS B
2	EA	SUBDRAIN PIPE OUTLET	190	TON	SEDIMENT CONTROL STONE
12	LF	6" OUTLET PIPE	2.5	ACR	TEMPORARY MULCHING
8	EA	MASONRY DRAINAGE STRUCTURES	100	LB	SEED FOR TEMPORARY SEEDING
6	EA	FRAME WITH TWO GRATES, STD 840.29	0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
2	EA	FRAME WITH COVER, STD 840.54	200	LF	TEMPORARY SLOPE DRAINS
346	LF	SHOULDER BERM GUTTER	7,750	LF	SAFETY FENCE
1,456	SF	GENERIC PAVING ITEM PERMEABLE PAVERS	230	CY	SILT EXCAVATION
725	LF	STEEL BEAM GUARDRAIL	3,170	SY	MATTING FOR EROSION CONTROL
87.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	100	SY	COIR FIBER MAT
22	EA	EXTRA LENGTH GUARDRAIL POST (** STEEL) (8')	400	LF	1/4" HARDWARE CLOTH
5	EA	ADDITIONAL GUARDRAIL POSTS	8,700	SY	FLOATING TURBIDITY CURTAIN
2	EA	GUARDRAIL END UNITS, TYPE AT-1	430	LF	COIR FIBER WATTLE
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	570	LF	COIR FIBER WATTLE BARRIER
6	EA	GUARDRAIL END UNITS, TYPE TL-3	175	LB	POLYACRYLAMIDE (PAM)
1,175	LF	REMOVE EXISTING GUARDRAIL	75	LF	COIR FIBER BAFFLE
350	LF	TEMPORARY STEEL BEAM GUARDRAIL	1.5	ACR	SEEDING & MULCHING
			0.8	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			50	LB	SEED FOR SUPPLEMENTAL SEEDING
			1.5	TON	FERTILIZER TOPDRESSING

10	MHR	SPECIALIZED HAND MOWING	7,211	LF	GENERIC STRUCTURE ITEM
150	EA	RESPONSE FOR EROSION CONTROL			PILE EXC FOR 24" CARBON FIBER
3	EA	CONCRETE WASHOUT STRUCTURE			REINFORCED
0.1	ACR	REFORESTATION			POLYMER PRESTRESSED CONCRETE
16	EA	GENERIC EROSION CONTROL ITEM			PILES
		FABRIC INSERT INLET PROTECTION			
		DEVICE CLEANOUT			
8	EA	GENERIC EROSION CONTROL ITEM			
		FABRIC INSERT INLET PROTECTION			
		DEVICE			
0.38	ACR	GENERIC EROSION CONTROL ITEM			
		WETLAND GRASS PLANTING			

**WALL ITEMS**

660.5	LF	GENERIC RETAINING WALL ITEM			
		CONCRETE SHEET PILE RETAINING			
		WALL			
8,056	SF	GENERIC RETAINING WALL ITEM			
		REINFORCED RETAINING WALL BACK			
		FILL			

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &			
		REMOVAL OF TEMP ACCESS AT STA			
		*****			
		(34+75.00 -L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE			
		AT STATION *****			
		(34+75.00 -L-)			
Lump Sum	LS	ASBESTOS ASSESSMENT			
14	EA	PDA TESTING			
110,595	SF	REINFORCED CONCRETE DECK SLAB			
		(SAND LIGHTWEIGHT CONC)			
93,135	SF	GROOVING BRIDGE FLOORS			
1,811.8	CY	CLASS AA CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION			
		*****			
		(34+75.00 -L-)			
212	EA	PILE DRIVING EQUIPMENT SETUP			
		FOR *** PRESTRESSED CONCRETE			
		PILES			
		(24" CARBON FIBER REINFORCED			
		POLYMER)			
113	EA	PILE REDRIVES			
6,380.5	LF	TWO BAR METAL RAIL			
6,396.69	LF	1'-***X ***** CONCRETE PARA-			
		PET			
		(1'-2" X 2'-6")			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	FOAM JOINT SEALS			
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT			
		STA*****			
		(34+75.00 -L-)			
Lump Sum	LS	SOLAR ARRAY SUPPORT PLATFORM			
Lump Sum	LS	GENERIC STRUCTURE ITEM			
		PLASTIC LUMBER FENDER BOARDS			
		AT CHANNEL BENTS			
20,970	LF	GENERIC STRUCTURE ITEM			
		24" CARBON FIBER REINFORCED			
		POLYMER			
		PRESTRESSED CONCRETE PILES			
1,158	LF	GENERIC STRUCTURE ITEM			
		4 BAR METAL RAIL			
5,579.64	LF	GENERIC STRUCTURE ITEM			
		54" CARBON FIBER REINFORCED			
		POLYMER			
		F.I.B. PRESTRESSED CONCRETE			
		GIRDERS			
5,707.35	LF	GENERIC STRUCTURE ITEM			
		72" CARBON FIBER REINFORCED			
		POLYMER			
		F.I.B. PRESTRESSED CONCRETE			
		GIRDERS			
1,815.18	LF	GENERIC STRUCTURE ITEM			
		78" CARBON FIBER REINFORCED			
		POLYMER			
		F.I.B. PRESTRESSED CONCRETE			
		GIRDERS			
986,059	LF	GENERIC STRUCTURE ITEM			
		CARBON FIBER REINFORCED			
		POLYMER (CFRP) STRAND			
199,245.43	LF	GENERIC STRUCTURE ITEM			
		GLASS FIBER REINFORCED POLYMER			
		(GFRP) BAR			



STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210720 002

CONTRACT ID : C204543 47532.3.3

DIV OFFICE FAYETTEVILLE

LENGTH = 8.873 MI

COUNTY : HARNETT, JOHNSTON

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 9.0% COMPLETION DATE : OCT 28 2026

I-95 FROM SR-1002 (EXIT 71) TO I-40 (EXIT 81).

ROADWAY ITEMS				
			1,068	LF **** RC PIPE CULVERTS, CLASS ***** (24", V)
Lump Sum	LS	MOBILIZATION	44	LF **** RC PIPE CULVERTS, CLASS ***** (36", V)
Lump Sum	LS	CONSTRUCTION SURVEYING		
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	592	LF **** RC PIPE CULVERTS, CLASS ***** (42", V)
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING		
498,000	CY	UNCLASSIFIED EXCAVATION	48	LF **** RC PIPE CULVERTS, CLASS ***** (48", V)
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (1260+34.00 -L-)	164	LF **** RC PIPE CULVERTS, CLASS ***** (54", V)
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (1391+19.65 -L-)	356	LF 15" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (1002+79.68 -L REV-)	760	LF 18" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (26+05.28 -Y14-)	172	LF 24" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (26+80.73 -Y17-)	1,228	LF 30" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (27+09.19 -Y16-)	876	LF 36" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (28+39.21 -Y29-)	112	LF 42" RC PIPE CULVERTS, CLASS III
73,700	CY	UNDERCUT EXCAVATION	352	LF 48" RC PIPE CULVERTS, CLASS III
786,000	CY	BORROW EXCAVATION	8	LF 54" RC PIPE CULVERTS, CLASS III
4	EA	EMBANKMENT SETTLEMENT GAUGES	476	LF 60" RC PIPE CULVERTS, CLASS III
37,470	CY	DRAINAGE DITCH EXCAVATION	208	LF 84" RC PIPE CULVERTS, CLASS III
2,055	LF	BERM DITCH CONSTRUCTION	608	LF **** RC PIPE CULVERTS, CLASS IV (48")
291,890	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	476	LF **** RC PIPE CULVERTS, CLASS IV (54")
44,225	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	776	LF **** RC PIPE CULVERTS, CLASS IV (60")
175	HR	PROOF ROLLING	404	LF **** RC PIPE CULVERTS, CLASS IV (66")
65,350	CY	SELECT GRANULAR MATERIAL, CLASS III	28,164	LF 15" RC PIPE CULVERTS, CLASS IV
672,500	SY	GEOTEXTILE FOR SOIL STABILIZATION	9,528	LF 18" RC PIPE CULVERTS, CLASS IV
42,070	SF	TEMPORARY SHORING	11,676	LF 24" RC PIPE CULVERTS, CLASS IV
225	TON	ROCK EMBANKMENTS	3,012	LF 30" RC PIPE CULVERTS, CLASS IV
460	SY	GEOTEXTILE FOR ROCK EMBANKMENTS	1,560	LF 36" RC PIPE CULVERTS, CLASS IV
550	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	3,056	LF 42" RC PIPE CULVERTS, CLASS IV
13,420	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	88	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")
51,497	SY	FOUNDATION CONDITIONING GEOTEXTILE	9	EA *** CS PIPE ELBOWS, ***** THICK (18", 0.064")
1,096	LF	*** SIDE DRAIN PIPE (30")	6	EA *** CS PIPE ELBOWS, ***** THICK (24", 0.064")
596	LF	*** SIDE DRAIN PIPE (36")	4	EA *** CS PIPE ELBOWS, ***** THICK (30", 0.079")
496	LF	*** SIDE DRAIN PIPE (42")	318	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (16", 0.281")
256	LF	*** SIDE DRAIN PIPE (48")	258	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.312")
52	LF	*** SIDE DRAIN PIPE (54")	376	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.375")
48	LF	*** SIDE DRAIN PIPE (60")	290	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.469")
372	LF	*** SIDE DRAIN PIPE (66")	478	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.532")
76	LF	*** SIDE DRAIN PIPE (84")	394	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")
14,576	LF	15" SIDE DRAIN PIPE		
7,820	LF	18" SIDE DRAIN PIPE		
5,272	LF	24" SIDE DRAIN PIPE		
180	LF	**** RC PIPE CULVERTS, CLASS ***** (15", V)		
300	LF	**** RC PIPE CULVERTS, CLASS ***** (18", V)		

				13,582.7	CY	SUBDRAIN COARSE AGGREGATE
				80,849.5	LF	6" PERFORATED SUBDRAIN PIPE
				163	EA	SUBDRAIN PIPE OUTLET
910	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.688")		978	LF	6" OUTLET PIPE
				106,480	LF	SHOULDER DRAIN
54	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (54", 0.781")		106,480	LF	4" SHOULDER DRAIN PIPE
				3,450	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
636	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.844")		190	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
466	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (66", 0.938")		24	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
				348.5	CY	ENDWALLS
122	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (84", 1.000")		90.6	CY	REINFORCED ENDWALLS
				2.2	CY	PIPE COLLARS
				0.9	CY	PIPE PLUGS
318	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (16", 0.281")		2,296	CY	FLOWABLE FILL
				844	EA	MASONRY DRAINAGE STRUCTURES
258	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.312")		216.4	CY	MASONRY DRAINAGE STRUCTURES
				364.4	LF	MASONRY DRAINAGE STRUCTURES
376	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.375")		3	EA	FRAME WITH GRATE, STD 840.24
				4	EA	FRAME WITH GRATE, STD 840.29
290	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.469")		69	EA	FRAME WITH TWO GRATES, STD 840.16
				120	EA	FRAME WITH TWO GRATES, STD 840.20
478	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.532")		122	EA	FRAME WITH TWO GRATES, STD 840.22
				22	EA	FRAME WITH TWO GRATES, STD 840.24
394	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")		50	EA	FRAME WITH TWO GRATES, STD 840.29
				26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
910	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.688")		51	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
54	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (54", 0.781")		63	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
				45	EA	FRAME WITH COVER, STD 840.54
466	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (66", 0.938")		304	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
				49	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
122	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (84", 1.000")		5	EA	GENERIC DRAINAGE ITEM SEALED PRECAST DRAINAGE STRUCTURE
284	LF	GENERIC PIPE ITEM 16" SEALED DIP, CLASS 250		9.3	LF	GENERIC DRAINAGE ITEM SEALED PRECAST DRAINAGE STRUCTURE
216	LF	GENERIC PIPE ITEM 18" SEALED DIP, CLASS 250				
704	LF	GENERIC PIPE ITEM 36" SEALED DIP, CLASS 150		25.1	CY	GENERIC DRAINAGE ITEM SEALED PRECAST DRAINAGE STRUCTURE
580	LF	GENERIC PIPE ITEM 60" SEALED DIP, CLASS 150		875	LF	***X*** CONCRETE CURB (8" X 18")
36,706	LF	PIPE REMOVAL				
Lump Sum	LS	FINE GRADING		1,195	LF	1'-6" CONCRETE CURB & GUTTER
160	TON	#57 STONE		15,885	LF	2'-6" CONCRETE CURB & GUTTER
218,700	CY	SHALLOW UNDERCUT		7,575	LF	SHOULDER BERM GUTTER
368,350	TON	CLASS IV SUBGRADE STABILIZATION		1,510	LF	CONCRETE EXPRESSWAY GUTTER
				4,200	SY	4" CONCRETE SIDEWALK
87,370	TON	AGGREGATE BASE COURSE		70	EA	CONCRETE CURB RAMPS
5,000	TON	INCIDENTAL STONE BASE		700	SY	4" CONCRETE PAVED DITCH
31,900	GAL	PRIME COAT		5,335	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
112,800	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		35,754	LF	CONCRETE BARRIER, TYPE ***** (T)
				19,086	LF	CONCRETE BARRIER, TYPE ***** (T1)
24,050	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")		2,261	LF	CONCRETE BARRIER, TYPE ***** (T2)
5,130	SY	INCIDENTAL MILLING		7	EA	CONCRETE BARRIER TRANSITION SECTION
420,590	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		3,692	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
214,660	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		1,915	SY	GENERIC PAVING ITEM 6" CONCRETE DRIVEWAY
24,840	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		818	LF	GENERIC PAVING ITEM MEDIAN HAZARD PROTECTION
51,610	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		10	EA	ADJUSTMENT OF MANHOLES
127,060	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D		21	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
33,995	TON	ASPHALT BINDER FOR PLANT MIX		2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3
7,245	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX		21,975	LF	STEEL BEAM GUARDRAIL
6,168	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		887.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
279,320	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)		400	LF	STEEL BEAM GUARDRAIL, DOUBLE FACED
				2	EA	STEEL BEAM GUARDRAIL TERMINAL SECTIONS
1,755	SY	GENERIC PAVING ITEM 12" CONCRETE TRUCK APRON		75	EA	ADDITIONAL GUARDRAIL POSTS
27,165.4	CY	SUBDRAIN EXCAVATION				
80,849.5	SY	GEOTEXTILE FOR SUBSURFACE DRAINS				

			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1331+50 -L-)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77 MODIFIED)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1351+00 -L-)
2	EA	GUARDRAIL END UNITS, TYPE AT-1	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1367+00 -L-)
29	EA	GUARDRAIL END UNITS, TYPE CAT-1	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1377+00 -L-)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE III	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1393+50 -L-)
57	EA	GUARDRAIL END UNITS, TYPE TL-3	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (956+67 -L-)
19	EA	GUARDRAIL END UNITS, TYPE TL-2			
42	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
66,522	LF	REMOVE EXISTING GUARDRAIL			
152	LF	TEMPORARY STEEL BEAM GUARDRAIL			
6	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	39	EA	SIGN ERECTION, TYPE D
			367	EA	SIGN ERECTION, TYPE E
			60	EA	SIGN ERECTION, TYPE F
1	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	25	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
1,100	LF	CABLE GUIDERAIL	24	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
4	EA	CABLE GUIDERAIL ANCHOR UNITS	20	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
64,275	LF	WOVEN WIRE FENCE, 47" FABRIC	18	EA	SIGN ERECTION, MILEMARKERS
4,118	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	48	EA	SIGN ERECTION, RELOCATE TYPE *** (GROUND MOUNTED) (A)
872	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	3	EA	SIGN ERECTION, RELOCATE TYPE *** (GROUND MOUNTED) (E)
5,170	LF	WOVEN WIRE FENCE RESET	48	EA	DISPOSAL OF SUPPORT, STEEL BEAM
2,920	TON	RIP RAP, CLASS I	4	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
3,295	TON	RIP RAP, CLASS II	76	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
100	TON	RIP RAP, CLASS A	317	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3,760	TON	RIP RAP, CLASS B	4	EA	DISPOSAL OF SIGN SYSTEM, WOOD
22,360	SY	GEOTEXTILE FOR DRAINAGE	7,483	SF	HIGH VISIBILITY STATIONARY SIGNS
29	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	2,791	SF	HIGH VISIBILITY PORTABLE SIGNS
11	CY	PLAIN CONCRETE SIGN FOUNDATIONS	1,930	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
344	CY	OVERHEAD FOOTING	10	EA	FLASHING ARROW BOARD
44,263	LB	SUPPORTS, BREAKAWAY STEEL BEAM	16	EA	PORTABLE CHANGEABLE MESSAGE SIGN
8,107	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1019+50 -L-)	28	EA	WORK ZONE PRESENCE LIGHTING
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1034+40 -L-)	4,143	EA	HIGH VISIBILITY DRUMS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1044+00 -L-)	58	EA	SEQUENTIAL FLASHING WARNING LIGHTS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1060+60 -L-)	300	EA	CONES
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1070+50 -L-)	3,142	LF	BARRICADES (TYPE III)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1087+00 -L-)	72	LF	PEDESTRIAN CHANNELIZING DEVICES
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1117+00 -L-)	776	DAY	FLAGGER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1136+00 -L-)	59	EA	TEMPORARY CRASH CUSHIONS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1141+00 -L-)	12	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1162+00 -L-)	4	EA	TMA
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1167+00 -L-)	112,861	LF	PORTABLE CONCRETE BARRIER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1188+75 -L-)	79,428	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1220+56 -L-)	158,004	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1247+00 -L-)	16,701	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1272+50 -L-)	588	HR	LAW ENFORCEMENT
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1278+50 -L-)	6,148	LF	TEMPORARY GLARE SCREEN
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (1305+00 -L-)	18	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
			8	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE
			11,269	EA	TEMPORARY RAISED PAVEMENT MARKERS
			258,127	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			288,842	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
			3,970	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			5,155	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
			2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
			163	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)

			809	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
28	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)	215	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")
331,970	LF	PAINT PAVEMENT MARKING LINES (4")	2,603	LF	** #8 W/G FEEDER CIRCUIT (2)
773,510	LF	PAINT PAVEMENT MARKING LINES (6")	2,619	LF	** #6 W/G FEEDER CIRCUIT (2)
1,370	LF	PAINT PAVEMENT MARKING LINES (8")	759	LF	** #4 W/G FEEDER CIRCUIT (2)
49,590	LF	PAINT PAVEMENT MARKING LINES (12")	15,362	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")
2,900	LF	PAINT PAVEMENT MARKING LINES (24")	7,109	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")
83	EA	PAINT PAVEMENT MARKING CHARACTER	5,407	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")
570	EA	PAINT PAVEMENT MARKING SYMBOL	8	EA	ELECTRICAL JUNCTION BOXES ***** (BR18)
622,310	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 4"	5	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)
1,477,687	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"	18	EA	ELECTRICAL JUNCTION BOXES ***** (HM18)
99,172	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"	1	EA	ELECTRICAL JUNCTION BOXES ***** (HM30)
6,969,600	SF	WORK ZONE TRAFFIC PATTERN MASKING	1	EA	ELECTRICAL JUNCTION BOXES ***** (HM36)
29,920	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	44	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)
4,400	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	10	EA	ELECTRICAL JUNCTION BOXES ***** (IG30)
53	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	6	EA	ELECTRICAL JUNCTION BOXES ***** (IG36)
27	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	Lump Sum	LS	PORTABLE LIGHTING
100	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 12", 20 MILS (STANDARD GLASS BEADS)	Lump Sum	LS	GENERIC LIGHTING ITEM LUMINAIRE STORAGE
5,156	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4", 20 MILS (STANDARD GLASS BEADS)	9,310	LF	GENERIC LIGHTING ITEM STREET LIGHTING CONDUIT INSTALLATION (2" PVC)
1,450	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6", 20 MILS (STANDARD GLASS BEADS)	18	EA	GENERIC LIGHTING ITEM 100' HIGH MOUNT LUMINAIRE - LED
5,755	LF	GENERIC PAVEMENT MARKING ITEM WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 24"	128	EA	GENERIC LIGHTING ITEM 120' HIGH MOUNT LUMINAIRE - LED
2,722	LF	GENERIC PAVEMENT MARKING ITEM WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 8"	4	EA	GENERIC LIGHTING ITEM COMMUNICATION GATEWAY
2,072	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	174	EA	GENERIC LIGHTING ITEM CONTROL NODE
12,000	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKERS	4	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, TYPE RW, 240/480V
560	EA	GENERIC PAVEMENT MARKING ITEM WORK ZONE PERFORMANCE PAVEMENT MARKING CHARACTER	20	EA	GENERIC LIGHTING ITEM REINSTALL COBRAHEAD LUMINAIRE
303	EA	GENERIC PAVEMENT MARKING ITEM WORK ZONE PERFORMANCE PAVEMENT MARKING SYMBOL	8	EA	GENERIC LIGHTING ITEM REINSTALL HIGH MAST LUMINAIRE
6,000	EA	PERMANENT RAISED PAVEMENT MARKERS	1	EA	GENERIC LIGHTING ITEM RELOCATE CONTROL SYSTEM
3	EA	100' HIGH MOUNT STANDARD	2	EA	GENERIC LIGHTING ITEM REMOVE 100' HIGH MAST STANDARD FOUNDATION
17	EA	120' HIGH MOUNT STANDARD	2	EA	GENERIC LIGHTING ITEM REMOVE 100' HIGH MAST STANDARD
1	EA	PORTABLE DRIVE UNIT	20	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD FOUNDATION
204	CY	HIGH MOUNT FOUNDATIONS	10	EA	GENERIC LIGHTING ITEM REMOVE SINGLE ARM LIGHT STANDARD - DISPOSE
24	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' TA, 15' ARM)	10	EA	GENERIC LIGHTING ITEM REMOVE SINGLE ARM LIGHT STANDARD - SALVAGE
18	EA	STANDARD FOUNDATION ***** (TYPE M1)	28	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMINAIRE - 285W LED
6	EA	STANDARD FOUNDATION ***** (TYPE M2)	187	LF	2" WATER LINE
5	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)	22,499	LF	6" WATER LINE
125	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	4,239	LF	8" WATER LINE
1,338	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	19,081	LF	12" WATER LINE
485	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	62,845	LB	DUCTILE IRON WATER PIPE FITTINGS
423	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")	3	EA	2" VALVE
1,236	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	53	EA	6" VALVE
			9	EA	8" VALVE
			20	EA	12" VALVE
			12	EA	6" TAPPING SLEEVE & VALVE

			1	EA	GENERIC UTILITY ITEM REMOVE EXISTING VAULT, BYPASS AND STOCKPILE VALVES
		Lump Sum	LS		GENERIC UTILITY ITEM RELOCATE MASTER METER AND INSTALL NEW VAULT
6	EA	8" TAPPING SLEEVE & VALVE			
16	EA	12" TAPPING SLEEVE & VALVE			
2	EA	20" TAPPING SLEEVE & VALVE			
7	EA	2" AIR RELEASE VALVE	184,105	LF	TEMPORARY SILT FENCE
7	EA	2" BLOW OFF	7,900	TON	STONE FOR EROSION CONTROL, CLASS A
53	EA	RELOCATE WATER METER	25,330	TON	STONE FOR EROSION CONTROL, CLASS B
22	EA	RECONNECT WATER METER			
1	EA	*** RPZ BACKFLOW PREVENTION ASSEMBLY (1")	21,750	TON	SEDIMENT CONTROL STONE
			396.5	ACR	TEMPORARY MULCHING
2	EA	2" RPZ BACKFLOW PREVENTION ASSEMBLY	20,500	LB	SEED FOR TEMPORARY SEEDING
			104.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
1	EA	FIRE HYDRANT	17,100	LF	TEMPORARY SLOPE DRAINS
25	EA	RELOCATE FIRE HYDRANT	8,640	LF	SAFETY FENCE
8	LF	FIRE HYDRANT LEG	132,360	CY	SILT EXCAVATION
6	EA	6" LINE STOP	580,800	SY	MATTING FOR EROSION CONTROL
4	EA	8" LINE STOP	2,825	SY	COIR FIBER MAT
12	EA	12" LINE STOP	355	SY	PERMANENT SOIL REINFORCEMENT MAT
2	EA	20" LINE STOP			
197	LF	*** WATER SERVICE LINE (2")	37,675	LF	1/4" HARDWARE CLOTH
			8,725	SY	LOW PERMEABILITY GEOTEXTILE
2,323	LF	WATER SERVICE LINE	390	LF	*** TEMPORARY PIPE (18")
40	LF	*** SANITARY GRAVITY SEWER (15")	150	LF	*** TEMPORARY PIPE (24")
4,306	LF	8" SANITARY GRAVITY SEWER	360	LF	*** TEMPORARY PIPE (30")
195	LF	10" SANITARY GRAVITY SEWER	120	LF	*** TEMPORARY PIPE (36")
1,928	LF	12" SANITARY GRAVITY SEWER	391	LF	*** TEMPORARY PIPE (54")
3,992	LF	16" SANITARY GRAVITY SEWER	750	SY	FLOATING TURBIDITY CURTAIN
1,352	LF	18" SANITARY GRAVITY SEWER	38	EA	SPECIAL STILLING BASINS
1,029	LF	2" FORCE MAIN SEWER	41,360	LF	COIR FIBER WATTLE
709	LF	6" FORCE MAIN SEWER	23,160	LB	POLYACRYLAMIDE (PAM)
2,545	LF	8" FORCE MAIN SEWER	25,740	LF	COIR FIBER BAFFLE
988	LF	20" FORCE MAIN SEWER	18	EA	*** SKIMMER (1-1/2")
18	EA	SANITARY SEWER CLEAN-OUT	26	EA	*** SKIMMER (2")
486	LF	SEWER SERVICE LINE	18	EA	*** SKIMMER (2-1/2")
1,285	LB	DUCTILE IRON SEWER PIPE FITTINGS	8	EA	*** SKIMMER (3")
			360	ACR	SEEDING & MULCHING
63	EA	4' DIA UTILITY MANHOLE	235	ACR	MOWING
5	EA	5' DIA UTILITY MANHOLE	4,300	LB	SEED FOR REPAIR SEEDING
4	EA	6' DIA UTILITY MANHOLE	13.25	TON	FERTILIZER FOR REPAIR SEEDING
318	LF	UTILITY MANHOLE WALL 4' DIA	8,050	LB	SEED FOR SUPPLEMENTAL SEEDING
20	LF	UTILITY MANHOLE WALL 5' DIA	241	TON	FERTILIZER TOPDRESSING
38	LF	UTILITY MANHOLE WALL 6' DIA	1,573	LF	IMPERVIOUS DIKE
3,170	LF	ABANDON *** UTILITY PIPE (15")	110	MHR	SPECIALIZED HAND MOWING
			300	EA	RESPONSE FOR EROSION CONTROL
683	LF	ABANDON *** UTILITY PIPE (4")	24	EA	CONCRETE WASHOUT STRUCTURE
			69	CY	CULVERT DIVERSION CHANNEL
1,615	LF	ABANDON 6" UTILITY PIPE	0.25	ACR	REFORESTATION
2,639	LF	ABANDON 8" UTILITY PIPE	210	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
48	LF	ABANDON 10" UTILITY PIPE	35	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
10,691	LF	ABANDON 12" UTILITY PIPE	18	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
1,335	LF	ABANDON 14" UTILITY PIPE	7,540	LF	SIGNAL CABLE
947	LF	ABANDON 20" UTILITY PIPE	6	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)
6	EA	REMOVE WATER METER	34	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
39	EA	ABANDON UTILITY MANHOLE	3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1	EA	REMOVE UTILITY MANHOLE	43	EA	BACKPLATE
216	LF	6" ENCASEMENT PIPE	2,430	LF	MESSENGER CABLE (1/4")
1,327	LF	16" ENCASEMENT PIPE	2,160	LF	MESSENGER CABLE (3/8")
248	LF	18" ENCASEMENT PIPE	700	LF	TRACER WIRE
122	LF	20" ENCASEMENT PIPE	6,700	LF	UNPAVED TRENCHING (***** (1, 2"))
2,422	LF	24" ENCASEMENT PIPE	270	LF	UNPAVED TRENCHING (***** (2, 2"))
1,045	LF	30" ENCASEMENT PIPE	1,360	LF	DIRECTIONAL DRILL (***** (1, 2"))
661	LF	36" ENCASEMENT PIPE	78	EA	JUNCTION BOX (STANDARD SIZE)
800	LF	BORE AND JACK OF *** (16")	14	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
125	LF	BORE AND JACK OF *** (18")	4	EA	WOOD POLE
122	LF	BORE AND JACK OF *** (20")	7	EA	GUY ASSEMBLY
1,440	LF	BORE AND JACK OF *** (24")	2	EA	*** RISER WITH ***** (1-1/2", WEATHERHEAD)
550	LF	BORE AND JACK OF *** (30")			
325	LF	BORE AND JACK OF *** (36")			
899	LF	DIRECTIONAL DRILLING OF *** (20")			
1,380	LF	DIRECTIONAL DRILLING OF *** (6")			
477	LF	DIRECTIONAL DRILLING OF *** (8")			
6	EA	STEEL PILE PIERS			
4	EA	GENERIC UTILITY ITEM 12" INSERT VALVE			
6	EA	GENERIC UTILITY ITEM 6" INSERT VALVE			
4	EA	GENERIC UTILITY ITEM 8" INSERT VALVE			

## CULVERT ITEMS

12	EA	**** RISER WITH ***** (1-1/4", WEATHERHEAD)	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (1042+08.93 -L-)
33	EA	1" RISER WITH WEATHERHEAD	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (1042+08.93 -L-)
2	EA	2" RISER WITH HEAT SHRINK TUBING	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (1220+34.00 -L-)
3,460	LF	INDUCTIVE LOOP SAWCUT	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+47.41 -NBCD-)
8,160	LF	LEAD-IN CABLE (*****) (14-2)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (35+91.00 -Y33-)
3,425	LF	COMMUNICATIONS CABLE (**FIBER) (24)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (35+91.00 -Y33-)
320	LF	DROP CABLE	1,008	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
3	EA	SPLICE ENCLOSURE	1,303.6	CY	CLASS A CONCRETE (CULVERT)
1	EA	MODIFY SPLICE ENCLOSURE	170,843	LB	REINFORCING STEEL (CULVERT)
3	EA	INTERCONNECT CENTER			
Lump Sum	LS	FIBER-OPTIC TRAINING			
3	EA	900MHZ SERIAL/ETHERNET SPREAD SPECTRUM RADIO			
7	EA	MODIFY RADIO INSTALLATION			
2,795	LF	REMOVE EXISTING COMMUNICATIONS CABLE			

## WALL ITEMS

16	EA	METAL STRAIN SIGNAL POLE	250	LF	CONCRETE BARRIER RAIL WITH MOMENT SLAB
16	EA	SOIL TEST	4,063	SF	MSE RETAINING WALL NO **** (W3)
149	CY	DRILLED PIER FOUNDATION	791	SF	MSE RETAINING WALL NO **** (W6)
8	EA	SIGN FOR SIGNALS	917	SF	MSE RETAINING WALL NO **** (W8)
18	EA	TYPE II PEDESTAL WITH FOUND- ATION	574	SF	MSE RETAINING WALL NO **** (W9)
4	EA	SIGNAL CABINET FOUNDATION	8,300	SF	MSE RETAINING WALL NO **** W1-1 (I-5878)
3	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION	3,800	SF	MSE RETAINING WALL NO **** W1-1 (I-5883)
4	EA	CONTROLLERS WITH CABINET (*****) (TYPE 2070LX, BASE MOUNTED)	4,275	SF	MSE RETAINING WALL NO **** W1-2 (I-5878)
22	EA	DETECTOR CARD (TYPE 170)	3,400	SF	MSE RETAINING WALL NO **** W1-2 (I-5883)
4	EA	CABINET BASE EXTENDER	5,750	SF	MSE RETAINING WALL NO **** W2-1 (I-5878)
1	EA	BEACON CONTROLLER ASSEMBLY & CABINET (*****) (TYPE F3)	3,000	SF	MSE RETAINING WALL NO **** W2-1 (I-5883)
1	EA	TRAFFIC SIGNAL REMOVAL	2,830	SF	MSE RETAINING WALL NO **** W2-1 (I-5986B)
17	EA	GENERIC SIGNAL ITEM 5/8" X 10" GROUNDING ELECTRODE	4,880	SF	MSE RETAINING WALL NO **** W2-2 (I-5878)
17	EA	GENERIC SIGNAL ITEM CCTV FIELD EQUIPMENT CABINET	3,300	SF	MSE RETAINING WALL NO **** W2-2 (I-5883)
16	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE	2,770	SF	MSE RETAINING WALL NO **** W2-2 (I-5986B)
23	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY	450	SF	SEGMENTAL GRAVITY RETAINING WALLS
4	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER	6,180	SF	CIP GRAVITY RETAINING WALLS
4	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE	40,791	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT
4	EA	GENERIC SIGNAL ITEM DYNAMIC MESSAGE SIGN (TYPE 2C)	77,836	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT
17	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT	3,998	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO. NW29-1
25	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	7,961	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO. NW30-1
6	EA	GENERIC SIGNAL ITEM EXISTING CCTV CAMERA REMOVAL	7,487	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO. NW32-1
6	EA	GENERIC SIGNAL ITEM JUNCTION BOX MARKER	19,472	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO. NW33-1
17	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINA- TION PANEL			
1	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES			
2	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE EQUIPMENT			
5	EA	GENERIC SIGNAL ITEM REMOVE 900 MHZ RADIO			
Lump Sum	LS	GENERIC SIGNAL ITEM REMOVE DMS AND STRUCTURE AT I-40 MM 324	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (1260+34.00 -L-)
Lump Sum	LS	GENERIC SIGNAL ITEM REMOVE DMS AND STRUCTURE AT I-40 MM 331	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (1391+19.65 -L-)
Lump Sum	LS	GENERIC SIGNAL ITEM REMOVE DMS AND STRUCTURE AT I-95 MM 78	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+31.59 -Y18-)
2,000	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (26+05.28 -Y14-)
6,150	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCT- ORS	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (26+80.73 -Y17-)
100	LF	GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCT- ORS	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (27+09.19 -Y16-)

				Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (26+80.73 -Y17-)		
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (1002+79.68 -L REV-)		Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (27+09.19 -Y16-)		
Lump Sum	LS	ASBESTOS ASSESSMENT		Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (28+39.21 -Y29-)		
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 26+05.28 -Y14-)		Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 500051		
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 26+80.73 -Y17-)		Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 500051		
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 27+09.19 -Y16-)		7,090.17	LF	GENERIC STRUCTURE ITEM 45" PREST CONC FLORIDA I-BEAM		
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+39.21 -Y29-)		149.47	LF	GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT		
16	EA	PDA TESTING		464	SF	GENERIC STRUCTURE ITEM EPOXY COATING		
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (1260+34.00 -L-)		1,156	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING PC OVERLAY		
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (1391+19.65 -L-)		1,156	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK		
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (26+05.28 -Y14-)		1,192	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK		
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (26+80.73 -Y17-)						
104,193	SF	REINFORCED CONCRETE DECK SLAB						***** BEGIN SCHEDULE AA *****
122,423	SF	GROOVING BRIDGE FLOORS						***** (2 ALTERNATES) *****
276.7	CY	CLASS AA CONCRETE (BRIDGE)		32	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS		
2,445.1	CY	CLASS A CONCRETE (BRIDGE)						*** OR ***
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (1002+79.68 -L REV-)		32	CY	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIAL (ALTERNATE)		
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (1260+34.00 -L-)						*** END SCHEDULE AA ***
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (1391+19.65 -L-)						
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+05.28 -Y14-)						
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+80.73 -Y17-)						
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (27+09.19 -Y16-)						
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+39.21 -Y29-)						
392,154	LB	REINFORCING STEEL (BRIDGE)						
21,566	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)						
4,743	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)						
1,874.6	LF	54" PRESTRESSED CONCRETE GIRDERS						
2,137.5	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS						
Lump Sum	LS	POLLUTION CONTROL						
381	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)						
32	EA	PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 30 X 0.50)						
26,470	LF	HP12X53 STEEL PILES						
2,560	LF	PP ** X **** GALVANIZED STEEL PILES (PP 30 X 0.50)						
32	EA	PIPE PILE PLATES						
211	EA	PILE REDRIVES						
437.96	LF	TWO BAR METAL RAIL						
431	LF	THREE BAR METAL RAIL						
2,287.74	LF	CONCRETE BARRIER RAIL						
599.2	LF	CONCRETE MEDIAN BARRIER						
453.67	LF	1'-***X***** CONCRETE PARAPET (1'-2" X 3'-7")						
245	SY	4" SLOPE PROTECTION						
2,196	TON	RIP RAP CLASS II (2'-0" THICK)						
2,428	SY	GEOTEXTILE FOR DRAINAGE						
Lump Sum	LS	ELASTOMERIC BEARINGS						
Lump Sum	LS	FOAM JOINT SEALS						
Lump Sum	LS	EXPANSION JOINT SEALS						
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (26+05.28 -Y14-)						

