



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

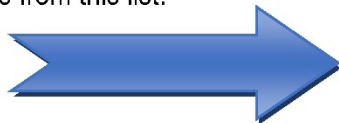
ROY COOPER
GOVERNOR

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 NOVEMBER 16, 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 OCTOBER 19, 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	Howard L Cox, 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, PE	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 L211116

RPN	Contract Id	WBS	County	Length	JobType
003	C204671	2022CPT.05.09.20931.1	WARREN	16.458 MI	MILLING, RESURFACING, AND SHOULDER GRADING.
004	C204670	2022CPT.05.10.20911.1 ETC.	VANCE	21.364 MI	MILLING, RESURFACING, AND SHOULDER GRADING.
005	C204674	2022CPT.05.12.20321.1 ETC.	DURHAM, ORANGE	16.577 MI	MILLING, RESURFACING AND SHOULDER GRADING.
006	C204665	54034.3.2	GUILFORD	1.018 MI	GRADING, PAVING, AND DRAINAGE.
007	C204660	45892.3.3	RICHMOND	6.895 MI	PAVEMENT REHABILITATION AND BRIDGE REHABILITATION.
008	C204551	49073.3.1	MOORE	0.326 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
009	C204680	2022CPT.08.06.10761 ETC.	RANDOLPH	16.650 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
010	C204677	2022CPT.08.11.10631 ETC.	MOORE	30.893 MI	MILLING AND RESURFACING.
011	C204676	2022CPT.08.12.10621 ETC.	MONTGOMERY	11.172 MI	MILLING, RESURFACING, AND SHOULDER CONSTRUCTION.
012	C204679	2022CPT.08.13.20761	RANDOLPH	22.310 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
013	C204678	2022CPT.09.07.10801 ETC.	ROWAN	34.826 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
014	C204355	37512.3.3	WATAUGA	0.429 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
015	C204682	49071.3.1	ASHE	0.330 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

Bid Letting Number L211221

RPN	Contract Id	WBS	County	Length	JobType
*001	C204633	34839.3.GV5	FORSYTH	2.727 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C204397	34400.3.4	RUTHERFORD	5.164 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

*NOTE: C204633 FORSYTH COUNTY U-2579AB HAS A MANDATORY PRE-BID CONFERENCE ON NOVEMBER 16, 2021 AT 9:00AM HELD VIA MICROSOFT TEAMS. CONTACT ROBYN WARNER AT RCWARNER@NCDOT.GOV OR 336-747-7800 FOR A LINK TO THE MEETING. SEE PROPOSAL FOR ADDITIONAL DETAILS.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 003

CONTRACT ID : C204671 2022CPT.05.09.20931.1 DIV OFFICE DURHAM

LENGTH = 16.458 MI

COUNTY : WARREN

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : AUG 01 2023

4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
420	CY	BORROW EXCAVATION
33	SMI	GENERIC GRADING ITEM SHOULDER GRADING
65	TON	INCIDENTAL STONE BASE
9,115	TON	AGGREGATE SHOULDER BORROW
800	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
2,284	SY	INCIDENTAL MILLING
14,690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,005	TON	ASPHALT BINDER FOR PLANT MIX
1,787	TON	PATCHING EXISTING PAVEMENT
1,805	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
389,376	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
105	LF	TEMPORARY SILT FENCE
124	LF	WATTLE
0.3	ACR	SEEDING & MULCHING
3	EA	RESPONSE FOR EROSION CONTROL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 004

CONTRACT ID : C204670 2022CPT.05.10.20911.1 DIV OFFICE DURHAM

LENGTH = 21.364 MI

COUNTY : VANCE

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : AUG 31 2023

16 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
506	CY	BORROW EXCAVATION
38.88	SMI	GENERIC GRADING ITEM SHOULDER GRADING
1,069	TON	INCIDENTAL STONE BASE
2,617	TON	AGGREGATE SHOULDER BORROW
1,677	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
250	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
264	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
3,030	SY	INCIDENTAL MILLING
20,759	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,393	TON	ASPHALT BINDER FOR PLANT MIX
3,118	TON	PATCHING EXISTING PAVEMENT
1	EA	RETROFIT EXISTING CURB RAMPS
1	EA	ADJUSTMENT OF MANHOLES
2,297	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
20	LF	PEDESTRIAN CHANNELIZING DE- VICES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
409,555	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
15	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
2,812	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2,812	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVE- MENT MARKING LINES, (4", 50 MILS)
50	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
734	LF	TEMPORARY SILT FENCE
1,870	LF	WATTLE
7.34	ACR	SEEDING & MULCHING
5	EA	RESPONSE FOR EROSION CONTROL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 005

CONTRACT ID : C204674 2022CPT.05.12.20321.1 DIV OFFICE DURHAM

LENGTH = 16.577 MI

COUNTY : DURHAM, ORANGE

MILLING, RESURFACING AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : SEP 29 2023

35 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,113	CY	BORROW EXCAVATION
31.48	SMI	GENERIC GRADING ITEM SHOULDER GRADING
789	TON	INCIDENTAL STONE BASE
861	TON	AGGREGATE SHOULDER BORROW
380	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1")
450	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
3,020	SY	INCIDENTAL MILLING
13,748	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,720	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,203	TON	ASPHALT BINDER FOR PLANT MIX
9,000	TON	PATCHING EXISTING PAVEMENT
28	LF	2'-6" CONCRETE CURB & GUTTER
11	EA	RETROFIT EXISTING CURB RAMPS
7	EA	REMOVE AND REPLACE CURB RAMPS
25	SY	GENERIC PAVING ITEM REMOVE SIDEWALK
15	EA	ADJUSTMENT OF MANHOLES
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,820	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
60	LF	PEDESTRIAN CHANNELIZING DE- VICES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
120	HR	LAW ENFORCEMENT
2	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICE
10	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)
186,622	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
338	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
480	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
8	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
480	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVE- MENT MARKING LINES (4", 50 MILS)
214	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1,593	LF	TEMPORARY SILT FENCE
4,200	LF	WATTLE
16.06	ACR	SEEDING & MULCHING
5	EA	RESPONSE FOR EROSION CONTROL
520	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 006

CONTRACT ID : C204665 54034.3.2

DIV OFFICE GREENSBORO

LENGTH = 1.018 MI

COUNTY : GUILFORD

GRADING, PAVING, AND DRAINAGE.

DBE GOAL 8.0% COMPLETION DATE : MAR 14 2023

US-29/US-70/US-220 (O'HENRY BLVD) FROM I-40/I-85 BUS TO SOUTH OF FLORIDA ST IN GREENSBORO.

ROADWAY ITEMS

				Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+86 -Y1RP-)
				Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+61 -Y2-)
				Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (49+43 -Y2-)
				11	EA	SIGN ERECTION, TYPE E
				3	EA	SIGN ERECTION, TYPE F
				13	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
				7	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
				3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
				7	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
				2	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
				6	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
				11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
				15	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
				1	EA	DISPOSAL OF SIGN, D, E OR F
				3	EA	DISPOSAL OF SIGN, OVERLAY (OVERHEAD)
				1	EA	DISPOSAL OF LIGHTING SYSTEM
				4	EA	DISPOSAL OF WALKWAY
				4	EA	GENERIC SIGNING ITEM CUTTING OF SIGN HANGERS, OVERHEAD
				290.5	SF	WORK ZONE SIGNS (STATIONARY)
				291	SF	WORK ZONE SIGNS (PORTABLE)
				36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
				2	EA	FLASHING ARROW BOARD
				4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
				200	EA	DRUMS
				37	EA	SEQUENTIAL FLASHING WARNING LIGHTS
				72	LF	BARRICADES (TYPE III)
				4	EA	TEMPORARY CRASH CUSHIONS
				4	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
				2	EA	TMA
				4,520	LF	PORTABLE CONCRETE BARRIER
				3,250	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
				70	HR	LAW ENFORCEMENT
				335	EA	TEMPORARY RAISED PAVEMENT MARKERS
				820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
				26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
				14	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
				32,986	LF	PAINT PAVEMENT MARKING LINES (6")
				7,380	LF	PAINT PAVEMENT MARKING LINES (12")
				8,262	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
				1,815	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
				1	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
				4,736	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 12" 30 MILS (STANDARD GLASS BEADS)
Lump Sum	LS	MOBILIZATION				
Lump Sum	LS	GRADING				
450	CY	UNDERCUT EXCAVATION				
400	CY	SELECT GRANULAR MATERIAL				
700	SY	GEOTEXTILE FOR SOIL STABILIZATION				
600	SF	TEMPORARY SHORING				
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES				
20	SY	FOUNDATION CONDITIONING GEOTEXTILE				
24	LF	15" RC PIPE CULVERTS, CLASS IV				
8	LF	18" RC PIPE CULVERTS, CLASS IV				
8	LF	24" RC PIPE CULVERTS, CLASS IV				
100	CY	SHALLOW UNDERCUT				
200	TON	CLASS IV SUBGRADE STABILIZATION				
25,090	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")				
3,630	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C				
1,260	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C				
5,620	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D				
225	TON	ASPHALT BINDER FOR PLANT MIX				
390	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX				
1,110	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED				
16,095	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)				
67.2	CY	SUBDRAIN EXCAVATION				
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS				
33.6	CY	SUBDRAIN COARSE AGGREGATE				
200	LF	6" PERFORATED SUBDRAIN PIPE				
1	EA	SUBDRAIN PIPE OUTLET				
6	LF	6" OUTLET PIPE				
0.553	CY	PIPE COLLARS				
6	EA	MASONRY DRAINAGE STRUCTURES				
2.2	LF	MASONRY DRAINAGE STRUCTURES				
2	EA	FRAME WITH TWO GRATES, STD 840.22				
1	EA	FRAME WITH COVER, STD 840.54				
9	EA	STEEL FRAME WITH TWO GRATES, STD 840.37				
780	LF	CONCRETE EXPRESSWAY GUTTER				
950	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED				
5	EA	ADJUSTMENT OF DROP INLETS				
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX				
1,087.5	LF	STEEL BEAM GUARDRAIL				
5	EA	ADDITIONAL GUARDRAIL POSTS				
2	EA	GUARDRAIL END UNITS, TYPE CAT-1				
3	EA	GUARDRAIL END UNITS, TYPE TL-3				
3	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77				
1,310	LF	REMOVE EXISTING GUARDRAIL				
3	TON	RIP RAP, CLASS B				
685	SY	GEOTEXTILE FOR DRAINAGE				
1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS				
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS				
57	CY	OVERHEAD FOOTING				
415	LB	SUPPORTS, BREAKAWAY STEEL BEAM				
444	LB	SUPPORTS, SIMPLE STEEL BEAM				
225	LF	SUPPORTS, 3-LB STEEL U-CHANNEL				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+69 -Y2-)				

17,545	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6", 30 MILS (STANDARD GLASS BEADS)			
445	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVMENT MARKER			
8	EA	PERMANENT RAISED PAVEMENT MARKERS			
2	EA	100' HIGH MOUNT STANDARD			
3	EA	120' HIGH MOUNT STANDARD			
1	EA	PORTABLE DRIVE UNIT			
43	CY	HIGH MOUNT FOUNDATIONS			
12	EA	HIGH MOUNT LUMINAIRES ***** (560W LED)			
8	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM)			
6	EA	STANDARD FOUNDATION ***** (TYPE R1)			
2	EA	STANDARD FOUNDATION ***** (TYPE R2)			
6	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW, 285W LED)			
2	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)			
50	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)			
245	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")			
478	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")			
205	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")			
120	LF	** #8 W/G FEEDER CIRCUIT (2)			
110	LF	** #4 W/G FEEDER CIRCUIT (2)			
220	LF	** #2 W/G FEEDER CIRCUIT (2)			
720	LF	** #8 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")			
3,870	LF	** #4 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")			
2,400	LF	** #2 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")			
3	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)			
5	EA	ELECTRICAL JUNCTION BOXES ***** (HM18)			
10	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)			
8	EA	ELECTRICAL JUNCTION BOXES ***** (LS18)			
Lump Sum	LS	PORTABLE LIGHTING			
Lump Sum	LS	GENERIC LIGHTING ITEM LUMINAIRE STORAGE			
1	EA	GENERIC LIGHTING ITEM 100A 6-POSITION MAIN CB PANEL			
1	EA	GENERIC LIGHTING ITEM CCTV SERVICE DISCONNECT			
3	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, TYPE RW, 120/240V			
10	EA	GENERIC LIGHTING ITEM REINSTALL COBRAHEAD LUMINAIRE			
1	EA	GENERIC LIGHTING ITEM REINSTALL COMMUNICATION GATE- WAY			
24	EA	GENERIC LIGHTING ITEM REINSTALL HIGH MAST LUMINAIRE			
2	EA	GENERIC LIGHTING ITEM REMOVE 100' HIGH MAST STANDARD			
2	EA	GENERIC LIGHTING ITEM REMOVE 100' HIGH MAST STANDARD FOUNDATION			
3	EA	GENERIC LIGHTING ITEM REMOVE 120' HIGH MAST STANDARD			
3	EA	GENERIC LIGHTING ITEM REMOVE 120' HIGH MAST STANDARD FOUNDATION			
2	EA	GENERIC LIGHTING ITEM REMOVE CONTROL SYSTEM - DISPOSE			
1	EA	GENERIC LIGHTING ITEM REMOVE CONTROL SYSTEM - SALVAGE			
5	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD FOUNDA- TION			
1	EA	GENERIC LIGHTING ITEM REMOVE SINGLE ARM LIGHT STAND- ARD - DISPOSE			
1	EA	GENERIC LIGHTING ITEM REMOVE SINGLE ARM LIGHT STAND- ARD - SALVAGE			
4	EA	GENERIC LIGHTING ITEM REMOVE TWIN ARM LIGHT STANDARD - DISPOSE			
4,275	LF	TEMPORARY SILT FENCE			
225	TON	STONE FOR EROSION CONTROL, CLASS A			
90	TON	STONE FOR EROSION CONTROL, CLASS B			
210	TON	SEDIMENT CONTROL STONE			
3.5	ACR	TEMPORARY MULCHING			
300	LB	SEED FOR TEMPORARY SEEDING			
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING			
200	LF	TEMPORARY SLOPE DRAINS			
200	LF	SAFETY FENCE			
80	CY	SILT EXCAVATION			
17,500	SY	MATTING FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
910	LF	1/4" HARDWARE CLOTH			
270	LF	WATTLE			
95	LB	POLYACRYLAMIDE (PAM)			
3	ACR	SEEDING & MULCHING			
2	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
75	LB	SEED FOR SUPPLEMENTAL SEEDING			
2.25	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
25	EA	RESPONSE FOR EROSION CONTROL			
6	EA	CONCRETE WASHOUT STRUCTURE			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L211116 007

CONTRACT ID : C204660 45892.3.3

DIV OFFICE CARTHAGE

LENGTH = 6.895 MI

COUNTY : RICHMOND

PAVEMENT REHABILITATION AND BRIDGE REHABILITATION.

DBE GOAL 6.0% COMPLETION DATE : NOV 15 2022

I-73/I-74 FROM SR-1455 (FIRE TOWER ROAD) TO MONTGOMERY COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	1,286	SY	GENERIC STRUCTURE ITEM
32.3	SMI	SHOULDER RECONSTRUCTION			SILANE DECK TREATMENT
8,725	TON	AGGREGATE SHOULDER BORROW			
379,060	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
4,000	SY	INCIDENTAL MILLING			
34,105	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D			
2,327	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX			
200	TON	PATCHING EXISTING PAVEMENT			
7,370	TON	ULTRA-THIN BONDED WEARING COURSE			
192,675	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
304	SF	WORK ZONE SIGNS (STATIONARY)			
10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS			
1,468	HR	LAW ENFORCEMENT			
4	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE			
8	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURE			
148	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE			
26,470	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
164,360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
6,715	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
32	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
570	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)			
181,730	LF	PAINT PAVEMENT MARKING LINES (4")			
6,825	LF	PAINT PAVEMENT MARKING LINES (8")			
340	LF	PAINT PAVEMENT MARKING LINES (24")			
31	EA	PAINT PAVEMENT MARKING SYMBOL			
570	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
340	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			
1,590	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKERS			

STRUCTURE ITEMS

1.8	CF	SHOTCRETE REPAIRS			
188	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVA- TION			
98.2	LF	GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT			
47.2	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION			
188	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION			
1,286	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L211116 008

CONTRACT ID : C204551 49073.3.1

DIV OFFICE CARTHAGE

LENGTH = 0.326 MI

COUNTY : MOORE

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 7.0% COMPLETION DATE : APR 13 2024

BRIDGE #24 OVER NICK'S CREEK ON NC-22.

ROADWAY ITEMS					
			96	SF	WORK ZONE SIGNS (PORTABLE)
			10	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			47	EA	DRUMS
			48	LF	BARRICADES (TYPE III)
			180	DAY	FLAGGER
			2	EA	TEMPORARY CRASH CUSHIONS
			350	LF	PORTABLE CONCRETE BARRIER
			730	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			30	EA	TEMPORARY RAISED PAVEMENT MARKERS
			6,880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			8,832	LF	PAINT PAVEMENT MARKING LINES (4")
			332	LF	8" WATER LINE
			635	LF	10" WATER LINE
			2,225	LB	DUCTILE IRON WATER PIPE FITTINGS
			2	EA	6" VALVE
			1	EA	10" VALVE
			1	EA	8" TAPPING SLEEVE & VALVE
			2	EA	FIRE HYDRANT
			57	LF	FIRE HYDRANT LEG
			830	LF	8" FORCE MAIN SEWER
			1,160	LB	DUCTILE IRON SEWER PIPE FITTINGS
			1,607	LF	ABANDON 8" UTILITY PIPE
			575	LF	ABANDON 10" UTILITY PIPE
			2	EA	REMOVE FIRE HYDRANT
			140	LF	16" ENCASEMENT PIPE
			60	LF	18" ENCASEMENT PIPE
			40	LF	20" ENCASEMENT PIPE
			50	LF	BORE AND JACK OF *** (16")
			35	LF	BORE AND JACK OF *** (18")
			55	LF	BORE AND JACK OF *** (20")
			246	LF	DIRECTIONAL DRILLING OF *** (10")
			2	EA	GENERIC UTILITY ITEM 8" INSERTION VALVE
			1	EA	GENERIC UTILITY ITEM 8" PLUG VALVE
			308	LF	GENERIC UTILITY ITEM 8" RJ DIP FORCE MAIN SEWER W/EPOXY LINING
			3,950	LF	TEMPORARY SILT FENCE
			210	TON	STONE FOR EROSION CONTROL, CLASS A
			365	TON	STONE FOR EROSION CONTROL, CLASS B
			255	TON	SEDIMENT CONTROL STONE
			4	ACR	TEMPORARY MULCHING
			300	LB	SEED FOR TEMPORARY SEEDING
			2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			400	LF	TEMPORARY SLOPE DRAINS
			440	LF	SAFETY FENCE
			730	CY	SILT EXCAVATION
			9,000	SY	MATTING FOR EROSION CONTROL
			510	SY	COIR FIBER MAT
			660	LF	1/4" HARDWARE CLOTH
			640	CY	STILLING BASINS
			560	LF	COIR FIBER WATTLE
			205	LB	POLYACRYLAMIDE (PAM)
			460	LF	COIR FIBER BAFFLE
			1	EA	*** SKIMMER (1-1/2")
			4	ACR	SEEDING & MULCHING
			2	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			100	LB	SEED FOR SUPPLEMENTAL SEEDING
			3	TON	FERTILIZER TOPDRESSING
			388	LF	IMPERVIOUS DIKE
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
950	CY	UNDERCUT EXCAVATION			
50	CY	DRAINAGE DITCH EXCAVATION			
200	CY	SELECT GRANULAR MATERIAL			
1,070	SY	GEOTEXTILE FOR SOIL STABILIZATION			
3,629	SF	TEMPORARY SHORING			
180	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
530	SY	FOUNDATION CONDITIONING GEOTEXTILE			
44	LF	15" DRAINAGE PIPE			
4	EA	*** DRAINAGE PIPE ELBOWS (15")			
48	LF	15" RC PIPE CULVERTS, CLASS III			
24	LF	18" RC PIPE CULVERTS, CLASS III			
72	LF	15" RC PIPE CULVERTS, CLASS IV			
212	LF	24" RC PIPE CULVERTS, CLASS IV			
149	LF	PIPE REMOVAL			
100	CY	SHALLOW UNDERCUT			
200	TON	CLASS IV SUBGRADE STABILIZATION			
310	TON	AGGREGATE BASE COURSE			
100	TON	INCIDENTAL STONE BASE			
470	SY	INCIDENTAL MILLING			
2,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
1,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
185	TON	ASPHALT BINDER FOR PLANT MIX			
18	EA	RIGHT-OF-WAY MARKERS			
246.4	CY	SUBDRAIN EXCAVATION			
1,100	SY	GEOTEXTILE FOR SUBSURFACE DRAINS			
184.8	CY	SUBDRAIN COARSE AGGREGATE			
1,100	LF	6" PERFORATED SUBDRAIN PIPE			
3	EA	SUBDRAIN PIPE OUTLET			
18	LF	6" OUTLET PIPE			
3	EA	MASONRY DRAINAGE STRUCTURES			
3	EA	FRAME WITH TWO GRATES, STD 840.29			
500	LF	SHOULDER BERM GUTTER			
787.5	LF	STEEL BEAM GUARDRAIL			
50	LF	STEEL BEAM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL END UNITS, TYPE AT-1			
3	EA	GUARDRAIL END UNITS, TYPE TL-3			
395	LF	REMOVE EXISTING GUARDRAIL			
12.5	LF	TEMPORARY STEEL BEAM GUARDRAIL			
62.5	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)			
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)			
1	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE AT-1			
250	TON	RIP RAP, CLASS II			
20	TON	RIP RAP, CLASS A			
213	TON	RIP RAP, CLASS B			
1,085	SY	GEOTEXTILE FOR DRAINAGE			
33	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
56	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
4	EA	SIGN ERECTION, TYPE E			
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
116	SF	WORK ZONE SIGNS (STATIONARY)			

10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+12.00 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (23+12.00 -L-)
207	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
307.7	CY	CLASS A CONCRETE (CULVERT)
33,536	LB	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 009

CONTRACT ID : C204680 2022CPT.08.06.10761 DIV OFFICE CARTHAGE

LENGTH = 16.650 MI

COUNTY : RANDOLPH

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.0% COMPLETION DATE : JUN 30 2023

1 SECTION US-220 BUS, 2 SECTIONS NC-22, 2 SECTIONS NC-42 E, 1 SECTION NC-159, AND 4 SECTIONS SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
32.67	SMI	SHOULDER RECONSTRUCTION
4,612	TON	AGGREGATE SHOULDER BORROW
31,372	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
18,897	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
402	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
8,782	SY	INCIDENTAL MILLING
7,281	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
15,540	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,420	TON	ASPHALT BINDER FOR PLANT MIX
1,120	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,628	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
40	HR	LAW ENFORCEMENT
222,760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
75	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
15	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
58,356	LF	PAINT PAVEMENT MARKING LINES (4")
50	LF	PAINT PAVEMENT MARKING LINES (8")
75	LF	PAINT PAVEMENT MARKING LINES (12")
120	LF	PAINT PAVEMENT MARKING LINES (24")
6	EA	PAINT PAVEMENT MARKING CHARAC- TER
15	EA	PAINT PAVEMENT MARKING SYMBOL
222	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
740	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
1,140	LF	INDUCTIVE LOOP SAWCUT
1,140	LF	LEAD-IN CABLE (*****) (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 010

CONTRACT ID : C204677 2022CPT.08.11.10631 DIV OFFICE CARTHAGE

LENGTH = 30.893 MI

COUNTY : MOORE

MILLING AND RESURFACING.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2023

1 SECTION OF US-15/501, 1 SECTION NC-24/27, AND 18 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
600	TON	INCIDENTAL STONE BASE
177,711	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,792	SY	INCIDENTAL MILLING
1,190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
253	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
31,229	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,609	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,434	TON	ASPHALT BINDER FOR PLANT MIX
1,005	TON	PATCHING EXISTING PAVEMENT
6,586	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (67)
13,833	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
10,242	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
1	WK	VACUUM TRUCK
20	TON	BLOTTING SAND
1	EA	ADJUSTMENT OF DROP INLETS
23	EA	ADJUSTMENT OF MANHOLES
23	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,593	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
88	HR	LAW ENFORCEMENT
206,835	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
725	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
578	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
87	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
6	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
225,968	LF	PAINT PAVEMENT MARKING LINES (4")
654	LF	PAINT PAVEMENT MARKING LINES (8")
578	LF	PAINT PAVEMENT MARKING LINES (12")
455	LF	PAINT PAVEMENT MARKING LINES (24")
10	EA	PAINT PAVEMENT MARKING CHARAC- TER
79	EA	PAINT PAVEMENT MARKING SYMBOL
730	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
22	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
415	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
716	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
Lump Sum	LS	PORTABLE LIGHTING
6,300	LF	INDUCTIVE LOOP SAWCUT
6,300	LF	LEAD-IN CABLE (***** (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 011

CONTRACT ID : C204676 2022CPT.08.12.10621 DIV OFFICE CARTHAGE

LENGTH = 11.172 MI

COUNTY : MONTGOMERY

MILLING, RESURFACING, AND SHOULDER CONSTRUCTION.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2023

1 SECTION US-220 ALT, 5 SECTIONS NC-24/27 BYPASS, 1 SECTION NC-109, 1 SECTION NC-731, AND 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
11.13	SMI	SHOULDER RECONSTRUCTION
1,559	TON	AGGREGATE SHOULDER BORROW
81,740	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
6,065	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
2,322	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3-1/2")
640	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 4-3/4")
7,165	SY	INCIDENTAL MILLING
13,342	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,022	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
684	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
1,015	TON	ASPHALT BINDER FOR PLANT MIX
39	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
855	TON	PATCHING EXISTING PAVEMENT
16,180	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
8	EA	CONCRETE CURB RAMPS
6	EA	REMOVE AND REPLACE CURB RAMPS
100	LF	GENERIC PAVING ITEM REMOVE AND REPLACE 2'-6" CURB AND GUTTER
7	EA	ADJUSTMENT OF MANHOLES
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,765	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
80	HR	LAW ENFORCEMENT
137,349	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
795	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
55	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
115,535	LF	PAINT PAVEMENT MARKING LINES (4")
1,218	LF	PAINT PAVEMENT MARKING LINES (8")
795	LF	PAINT PAVEMENT MARKING LINES (12")
734	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARAC- TER
59	EA	PAINT PAVEMENT MARKING SYMBOL
2,700	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
60	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1,077	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
220	LF	INDUCTIVE LOOP SAWCUT
220	LF	LEAD-IN CABLE (***** (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 012

CONTRACT ID : C204679 2022CPT.08.13.20761 DIV OFFICE CARTHAGE

LENGTH = 22.310 MI

COUNTY : RANDOLPH

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 5.0% COMPLETION DATE : JUN 30 2023

11 SECTIONS SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
44.62	SMI	SHOULDER RECONSTRUCTION
6,267	TON	AGGREGATE SHOULDER BORROW
218	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
7,670	SY	INCIDENTAL MILLING
24,975	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,672	TON	ASPHALT BINDER FOR PLANT MIX
1,308	TON	PATCHING EXISTING PAVEMENT
81,796	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (67)
32,720	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
4	WK	VACUUM TRUCK
10	TON	BLOTTING SAND
2,504	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 013

CONTRACT ID : C204678 2022CPT.09.07.10801 DIV OFFICE WINSTON-SALEM

LENGTH = 34.826 MI

COUNTY : ROWAN

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 7.0% COMPLETION DATE : NOV 10 2023

2 SECTIONS OF NC-152, 1 SECTION OF NC-153, AND 23 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,762	CY	BORROW EXCAVATION
1,700	TON	INCIDENTAL STONE BASE
62.2	SMI	SHOULDER RECONSTRUCTION
272,608	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
7,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
47,786	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
36,173	SY	INCIDENTAL MILLING
33,549	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
15,042	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,152	TON	ASPHALT BINDER FOR PLANT MIX
2,010	TON	PATCHING EXISTING PAVEMENT
90,867	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
146,731	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #*** STONE (67M)
87,644	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
58	EA	ADJUSTMENT OF MANHOLES
57	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,213	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
710,844	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 240 MILS)
1,336	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
39	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
179,681	LF	PAINT PAVEMENT MARKING LINES (4")
427	LF	PAINT PAVEMENT MARKING LINES (16")
275	LF	PAINT PAVEMENT MARKING LINES (24")
20	EA	PAINT PAVEMENT MARKING CHARAC- TER
427	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
893	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1,070	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
Lump Sum	LS	PORTABLE LIGHTING
12,686	LF	TEMPORARY SILT FENCE
1,257	LF	WATTLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 014

CONTRACT ID : C204355 37512.3.3

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.429 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : MAY 15 2025

BRIDGE OVER WATAUGA RIVER AND LEFT TURN LANE AT SR-1112 (BROADSTONE RD) ON NC-105 WITHIN R-2566B LIMITS.

		ROADWAY ITEMS			
				8.6	LF MASONRY DRAINAGE STRUCTURES
				4	EA FRAME WITH TWO GRATES, STD 840.16
				8	EA FRAME WITH TWO GRATES, STD 840.24
				2	EA FRAME WITH TWO GRATES, STD 840.29
				2	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
				770	LF ***.*** CONCRETE CURB & GUTTER (2'-9")
				920	LF 1'-6" CONCRETE CURB & GUTTER
				330	LF SHOULDER BERM GUTTER
				115	SY 4" CONCRETE PAVED DITCH
				190	LF PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
				1,225	LF STEEL BEAM GUARDRAIL
				137.5	LF STEEL BEAM GUARDRAIL, SHOP CURVED
				10	EA ADDITIONAL GUARDRAIL POSTS
				1	EA GUARDRAIL ANCHOR UNITS, TYPE ***** (III SHOP CURVED)
				2	EA GUARDRAIL END UNITS, TYPE AT-1
				1	EA GUARDRAIL END UNITS, TYPE CAT-1
				3	EA GUARDRAIL ANCHOR UNITS, TYPE III
				2	EA GUARDRAIL END UNITS, TYPE TL-3
				2	EA GUARDRAIL ANCHOR UNITS, TYPE B-77
				1,034	LF REMOVE EXISTING GUARDRAIL
				87.5	LF TEMPORARY STEEL BEAM GUARDRAIL
				56.25	LF TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)
				1	EA TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
				1	EA TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III MODIFIED)
				1	EA TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)
				1	EA TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)
				2	EA GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE AT-1
				191	TON RIP RAP, CLASS I
				116	TON RIP RAP, CLASS II
				85	TON RIP RAP, CLASS B
				119	TON BOULDERS
				2,181	SY GEOTEXTILE FOR DRAINAGE
				302	LF SUPPORTS, 3-LB STEEL U-CHANNEL
				4	EA SIGN ERECTION, TYPE D
				9	EA SIGN ERECTION, TYPE E
				2	EA SIGN ERECTION, TYPE F
				16	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
				1	EA DISPOSAL OF SIGN SYSTEM, WOOD
				120	SF WORK ZONE SIGNS (STATIONARY)
				760	SF WORK ZONE SIGNS (PORTABLE)
				280	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
				2	EA FLASHING ARROW BOARD
				3	EA PORTABLE CHANGEABLE MESSAGE SIGN
				60	DAY PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
				80	EA DRUMS
				128	LF BARRICADES (TYPE III)
				810	DAY FLAGGER
				3	EA TEMPORARY CRASH CUSHIONS
				5	EA REMOVE & RESET TEMPORARY CRASH CUSHION
				2	EA TMA
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (164+30.00 -L-)			
Lump Sum	LS	GRADING			
	1	ACR SUPPLEMENTARY CLEARING & GRUB-BING			
	450	CY UNDERCUT EXCAVATION			
	11,800	SY PRE-SPLITTING OF ROCK			
	196	CY DRAINAGE DITCH EXCAVATION			
	400	CY SELECT GRANULAR MATERIAL			
	1,300	SY GEOTEXTILE FOR SOIL STABILIZATION			
	1,800	SF TEMPORARY SHORING			
	400	SY GENERIC GRADING ITEM TYPE 2 WIRE MESH			
	50	TON GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL			
	600	LF GENERIC GRADING ITEM ANCHOR FOR WIRE MESH			
	130	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
	410	SY FOUNDATION CONDITIONING GEOTEXTILE			
	52	LF 15" SIDE DRAIN PIPE			
	148	LF 18" SIDE DRAIN PIPE			
	392	LF 18" RC PIPE CULVERTS, CLASS IV			
	224	LF 24" RC PIPE CULVERTS, CLASS IV			
	64	LF 24" CS PIPE CULVERTS, 0.064" THICK			
	3	EA *** CS PIPE ELBOWS, ***** THICK (24", 0.064")			
	152	LF *** CS STRUCTURAL PLATE PIPE, ** GAUGE (60", 12)			
	88	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")			
	88	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")			
	98	LF PIPE REMOVAL			
	1	EA PIPE CLEAN OUT			
	100	CY SHALLOW UNDERCUT			
	200	TON CLASS IV SUBGRADE STABILIZATION			
	294	TON AGGREGATE BASE COURSE			
	100	TON INCIDENTAL STONE BASE			
	1,650	SY MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")			
	550	SY INCIDENTAL MILLING			
	3,750	TON ASPHALT CONC BASE COURSE, TYPE B25.0C			
	2,690	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
	2,265	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
	450	TON ASPHALT BINDER FOR PLANT MIX			
	50	TON ASPHALT PLANT MIX, PAVEMENT REPAIR			
	68	CY SUBDRAIN EXCAVATION			
	200	SY GEOTEXTILE FOR SUBSURFACE DRAINS			
	17	CY SUBDRAIN FINE AGGREGATE			
	34	CY SUBDRAIN COARSE AGGREGATE			
	300	LF 6" PERFORATED SUBDRAIN PIPE			
	2	EA SUBDRAIN PIPE OUTLET			
	12	LF 6" OUTLET PIPE			
	13.4	CY REINFORCED ENDWALLS			
	87	CY FLOWABLE FILL			
	15	EA MASONRY DRAINAGE STRUCTURES			
	38	CY MASONRY DRAINAGE STRUCTURES			

			3	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	
			1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT	
680	LF	PORTABLE CONCRETE BARRIER				
1,380	LF	PORTABLE CONCRETE BARRIER (ANCHORED)				
1,630	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)				
1,800	HR	LAW ENFORCEMENT				
390	EA	TEMPORARY RAISED PAVEMENT MARKERS				
650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)				
27	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
106,000	LF	PAINT PAVEMENT MARKING LINES (4")				
320	LF	PAINT PAVEMENT MARKING LINES (24")				
20	EA	PAINT PAVEMENT MARKING SYMBOL				
26,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1,955	SF	SOLDIER PILE RETAINING WALLS	
100	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	1,955	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT	
10	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS				
21,440	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, (4", 20MILS) (STANDARD GLASS BEADS)				
130	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90MILS)				
50	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER				
100	EA	PERMANENT RAISED PAVEMENT MARKERS				
Lump Sum	LS	PORTABLE LIGHTING				
9,915	LF	TEMPORARY SILT FENCE	78	LF	PILE EXCAVATION IN SOIL	
385	TON	STONE FOR EROSION CONTROL, CLASS A	25	LF	PILE EXCAVATION NOT IN SOIL	
2,190	TON	STONE FOR EROSION CONTROL, CLASS B	66	LF	**1,**" DIA DRILLED PIERS IN SOIL (5'-0")	
1,255	TON	SEDIMENT CONTROL STONE	86	LF	**1,**" DIA DRILLED PIERS NOT IN SOIL (5'-0")	
11	ACR	TEMPORARY MULCHING	48	LF	PERMANENT STEEL CASING FOR **1,**" DIA DRILLED PIER (5'-0")	
600	LB	SEED FOR TEMPORARY SEEDING				
3	TON	FERTILIZER FOR TEMPORARY SEEDING	1	EA	CSL TESTING	
200	LF	TEMPORARY SLOPE DRAINS	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (164+30.00 -L-)	
3,040	LF	SAFETY FENCE				
2,630	CY	SILT EXCAVATION	26,366	SF	REINFORCED CONCRETE DECK SLAB	
10,220	SY	MATTING FOR EROSION CONTROL	29,350	SF	GROOVING BRIDGE FLOORS	
100	SY	COIR FIBER MAT	452.5	CY	CLASS A CONCRETE (BRIDGE)	
265	SY	PERMANENT SOIL REINFORCEMENT MAT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (164+30.00 -L-)	
805	LF	1/4" HARDWARE CLOTH				
12	EA	SPECIAL STILLING BASINS	80,869	LB	REINFORCING STEEL (BRIDGE)	
275	LB	POLYACRYLAMIDE (PAM)	9,651	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	
495	LF	COIR FIBER BAFFLE				
18	ACR	SEEDING & MULCHING	1,437,000	LS	APPROX LBS STRUCTURAL STEEL	
15	ACR	MOWING				
150	LB	SEED FOR REPAIR SEEDING	28	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)	
0.75	TON	FERTILIZER FOR REPAIR SEEDING	815	LF	HP14X73 STEEL PILES	
425	LB	SEED FOR SUPPLEMENTAL SEEDING	518.99	LF	TWO BAR METAL RAIL	
12.5	TON	FERTILIZER TOPDRESSING	551.16	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-6")	
260	LF	IMPERVIOUS DIKE				
10	MHR	SPECIALIZED HAND MOWING				
75	EA	RESPONSE FOR EROSION CONTROL				
4	EA	CONCRETE WASHOUT STRUCTURE	625	TON	RIP RAP CLASS II (2'-0" THICK)	
2	ACR	REFORESTATION	690	SY	GEOTEXTILE FOR DRAINAGE	
36	CY	GENERIC EROSION CONTROL ITEM ASTM C-33 FINE AGGREGATE	Lump Sum	LS	DISC BEARINGS	
9	CY	GENERIC EROSION CONTROL ITEM SHREDDED HARDWOOD MULCH	Lump Sum	LS	ELASTOMERIC BEARINGS	
2,200	LF	SIGNAL CABLE	Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE DECK DE-ICING SYSTEM	
18	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS	
7	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)				
850	LF	MESSENGER CABLE (3/8")				
11	EA	JUNCTION BOX (STANDARD SIZE)				
1	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)				
4	EA	WOOD POLE				
10	EA	GUY ASSEMBLY				
3	EA	2" RISER WITH WEATHERHEAD				
2,250	LF	LEAD-IN CABLE (***** (14-2)				
5	EA	SITE SURVEY				
5	EA	LUMINAIRE ARM FOR VIDEO SYSTEM				

WALL ITEMS

STRUCTURE ITEMS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211116 015

CONTRACT ID : C204682 49071.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.330 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : OCT 28 2024

BRIDGE #40008 ON NC-194 OVER NORTH FORK NEW RIVER.

ROADWAY ITEMS

				6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
				82	LF	REMOVE & RESET EXISTING GUARDRAIL
				775	LF	REMOVE EXISTING GUARDRAIL
				35	TON	RIP RAP, CLASS II
				35	TON	RIP RAP, CLASS B
				1,390	SY	GEOTEXTILE FOR DRAINAGE
				170	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
				2	EA	SIGN ERECTION, TYPE D
				6	EA	SIGN ERECTION, TYPE E
				1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
				11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
				2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
				444	SF	WORK ZONE SIGNS (STATIONARY)
				256	SF	WORK ZONE SIGNS (PORTABLE)
				110	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
				2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
				1	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
				107	EA	DRUMS
				30	EA	CONES
				104	LF	BARRICADES (TYPE III)
				90	DAY	FLAGGER
				2	EA	TEMPORARY CRASH CUSHIONS
				3	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
				1,150	LF	PORTABLE CONCRETE BARRIER
				435	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
				40	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
				560	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
				10,307	LF	PAINT PAVEMENT MARKING LINES (4")
				106	LF	PAINT PAVEMENT MARKING LINES (24")
				3,680	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
				11	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
				8,228	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4" 20 MILS (STANDARD GLASS BEADS)
				15	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
				30	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKERS
				5,000	LF	TEMPORARY SILT FENCE
				315	TON	STONE FOR EROSION CONTROL, CLASS A
				1,575	TON	STONE FOR EROSION CONTROL, CLASS B
				1,000	TON	SEDIMENT CONTROL STONE
				10	ACR	TEMPORARY MULCHING
				600	LB	SEED FOR TEMPORARY SEEDING
				3	TON	FERTILIZER FOR TEMPORARY SEEDING
				335	LF	TEMPORARY SLOPE DRAINS
				1,240	LF	SAFETY FENCE
				1,430	CY	SILT EXCAVATION
				19,000	SY	MATTING FOR EROSION CONTROL
				1,130	SY	COIR FIBER MAT
				775	LF	1/4" HARDWARE CLOTH
				12	EA	SPECIAL STILLING BASINS
				3,500	LF	COIR FIBER WATTLE BARRIER
				310	LB	POLYACRYLAMIDE (PAM)
				350	LF	COIR FIBER BAFFLE
				10	ACR	SEEDING & MULCHING
Lump Sum	LS	MOBILIZATION				
Lump Sum	LS	CONSTRUCTION SURVEYING				
2	EA	SEALING ABANDONED WELLS				
67,800	CY	UNCLASSIFIED EXCAVATION				
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (23+80.00 -L-)				
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING				
450	CY	UNDERCUT EXCAVATION				
Lump Sum	LS	GRADING				
4,500	SY	PRE-SPLITTING OF ROCK				
330	CY	DRAINAGE DITCH EXCAVATION				
400	CY	SELECT GRANULAR MATERIAL				
700	SY	GEOTEXTILE FOR SOIL STABILIZATION				
7,230	SF	TEMPORARY SHORING				
935	SY	ROCK PLATING				
130	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES				
380	SY	FOUNDATION CONDITIONING GEOTEXTILE				
328	LF	15" DRAINAGE PIPE				
588	LF	36" DRAINAGE PIPE				
1	EA	*** DRAINAGE PIPE ELBOWS (15")				
64	LF	**** RC PIPE CULVERTS, CLASS ***** (24", V)				
36	LF	15" RC PIPE CULVERTS, CLASS III				
32	LF	15" RC PIPE CULVERTS, CLASS IV				
88	LF	30" CS PIPE CULVERTS, 0.079" THICK				
1	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")				
456	LF	PIPE REMOVAL				
100	CY	SHALLOW UNDERCUT				
200	TON	CLASS IV SUBGRADE STABILIZATION				
100	TON	AGGREGATE BASE COURSE				
75	TON	INCIDENTAL STONE BASE				
460	SY	INCIDENTAL MILLING				
2,040	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C				
1,090	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
165	TON	ASPHALT BINDER FOR PLANT MIX				
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR				
44.8	CY	SUBDRAIN EXCAVATION				
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS				
33.6	CY	SUBDRAIN COARSE AGGREGATE				
200	LF	6" PERFORATED SUBDRAIN PIPE				
1	EA	SUBDRAIN PIPE OUTLET				
6	LF	6" OUTLET PIPE				
2.3	CY	ENDWALLS				
10	EA	MASONRY DRAINAGE STRUCTURES				
2.1	LF	MASONRY DRAINAGE STRUCTURES				
8	EA	FRAME WITH TWO GRATES, STD 840.24				
1	EA	FRAME WITH TWO GRATES, STD 840.29				
1	EA	FRAME WITH COVER, STD 840.54				
21	LF	SHOULDER BERM GUTTER				
130	LF	CONCRETE EXPRESSWAY GUTTER				
350	LF	STEEL BEAM GUARDRAIL				
50	LF	STEEL BEAM GUARDRAIL, SHOP CURVED				
5	EA	ADDITIONAL GUARDRAIL POSTS				
1	EA	GUARDRAIL END UNITS, TYPE AT-1				
2	EA	GUARDRAIL END UNITS, TYPE TL-3				

5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
375	LB	SEED FOR SUPPLEMENTAL SEEDING
11	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
0.1	ACR	REFORESTATION
3,722	SY	GENERIC EROSION CONTROL ITEM EXCELSIOR NATURAL FIBER MAT- TING

WALL ITEMS

500	LF	CONCRETE BARRIER RAIL WITH MOMENT SLAB
6,330	SF	ANCHORED RETAINING WALLS
5,730	SF	GENERIC RETAINING WALL ITEM SHEET PILE CUTOFF WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (23+80.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+80.00 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
44	LF	3'-0" DIA DRILLED PIERS IN SOIL
43	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (23+80.00 -L-)
10,627	SF	REINFORCED CONCRETE DECK SLAB
9,722	SF	GROOVING BRIDGE FLOORS
141.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+80.00 -L-)
30,329	LB	REINFORCING STEEL (BRIDGE)
2,526	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,377.92	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
18	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
295	LF	HP12X53 STEEL PILES
18	EA	STEEL PILE POINTS
555.7	LF	CONCRETE BARRIER RAIL
568	TON	RIP RAP CLASS II (2'-0" THICK)
631	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L211221 001

CONTRACT ID : C204633 34839.3.GV5

DIV OFFICE WINSTON-SALEM

LENGTH = 2.727 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : APR 30 2027

FUTURE I-74 (WINSTON-SALEM NORTHERN BELTWAY) FROM I-40 TO I-40 BUS/US 421.

ROADWAY ITEMS				
			704	LF 48" RC PIPE CULVERTS, CLASS III
			212	LF 54" RC PIPE CULVERTS, CLASS III
Lump Sum	LS MOBILIZATION		744	LF 60" RC PIPE CULVERTS, CLASS III
Lump Sum	LS CONSTRUCTION SURVEYING		56	LF 72" RC PIPE CULVERTS, CLASS III
Lump Sum	LS CLEARING & GRUBBING .. ACRE(S)		168	LF ***** RC PIPE CULVERTS, CLASS IV (48")
5	ACR SUPPLEMENTARY CLEARING & GRUBBING		292	LF ***** RC PIPE CULVERTS, CLASS IV (54")
3,192,000	CY UNCLASSIFIED EXCAVATION		360	LF ***** RC PIPE CULVERTS, CLASS IV (60")
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (22+26.35 -Y1B-)		4,348	LF 15" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (23+43.03 -Y16-)		2,932	LF 18" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (47+28.33 -Y15REV-)		1,232	LF 24" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (47+63.62 -Y15FLYBD-)		92	LF 30" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (58+33.94 -Y15FLYCA-)		784	LF 36" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (60+66.06 -Y15FLYAC-)		348	LF 42" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS TYPE III REINFORCED APPROACH FILL, STATION ***** (30+67.66 -Y4-)		164	LF *** CS PIPE CULVERTS, ***** THICK (36", 0.079")
10,000	CY UNDERCUT EXCAVATION		80	LF *** CS PIPE CULVERTS, ***** THICK (42", 0.109")
4	EA EMBANKMENT SETTLEMENT GAUGES		2,390	LF 15" CS PIPE CULVERTS, 0.064" THICK
162,460	CY DRAINAGE DITCH EXCAVATION		688	LF 18" CS PIPE CULVERTS, 0.064" THICK
6,820	LF BERM DITCH CONSTRUCTION		752	LF 24" CS PIPE CULVERTS, 0.064" THICK
64,350	SY REMOVAL OF EXISTING ASPHALT PAVEMENT		580	LF 30" CS PIPE CULVERTS, 0.079" THICK
75,130	SY REMOVAL OF EXISTING CONCRETE PAVEMENT		86	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")
16,650	SY BREAKING OF EXISTING ASPHALT PAVEMENT		26	EA *** CS PIPE ELBOWS, ***** THICK (18", 0.064")
9,630	SY BREAKING OF EXISTING CONCRETE PAVEMENT		20	EA *** CS PIPE ELBOWS, ***** THICK (24", 0.064")
120	HR PROOF ROLLING		18	EA *** CS PIPE ELBOWS, ***** THICK (30", 0.079")
28,900	CY SELECT GRANULAR MATERIAL, CLASS III		2	EA *** CS PIPE ELBOWS, ***** THICK (36", 0.079")
10,000	CY SELECT GRANULAR MATERIAL		2	EA *** CS PIPE ELBOWS, ***** THICK (42", 0.109")
74,600	SY GEOTEXTILE FOR SOIL STABILIZATION		54	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.375")
500	TON GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL		102	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.375")
7,124	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		192	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.500")
25,560	SY FOUNDATION CONDITIONING GEOTEXTILE		114	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.500")
1,416	LF 15" SIDE DRAIN PIPE		54	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.375")
344	LF 18" SIDE DRAIN PIPE		102	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.375")
362	LF *** RC PIPE CULVERTS, CLASS ***** (42", V)		192	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.500")
292	LF *** RC PIPE CULVERTS, CLASS ***** (54", V)		114	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.500")
620	LF *** RC PIPE CULVERTS, CLASS ***** (60", V)		54	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.375")
124	LF 12" RC PIPE CULVERTS, CLASS III		102	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.375")
9,040	LF 15" RC PIPE CULVERTS, CLASS III		192	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.500")
12,832	LF 18" RC PIPE CULVERTS, CLASS III		114	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.500")
6,288	LF 24" RC PIPE CULVERTS, CLASS III		14,480	LF PIPE REMOVAL
3,838	LF 30" RC PIPE CULVERTS, CLASS III		10	EA PIPE CLEAN OUT
2,832	LF 36" RC PIPE CULVERTS, CLASS III		Lump Sum	LS FINE GRADING
1,756	LF 42" RC PIPE CULVERTS, CLASS III			

			46	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			44	EA	FRAME WITH COVER, STD 840.54
			69	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
			6	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			2	EA	GENERIC DRAINAGE ITEM OUTLET CONTROL STRUCTURE
			3,290	LF	1'-6" CONCRETE CURB & GUTTER
			13,160	LF	2'-6" CONCRETE CURB & GUTTER
			10,080	LF	SHOULDER BERM GUTTER
			550	LF	CONCRETE EXPRESSWAY GUTTER
			2,550	SY	4" CONCRETE SIDEWALK
			33	EA	CONCRETE CURB RAMPS
			1,200	SY	6" CONCRETE DRIVEWAY
			390	SY	4" CONCRETE PAVED DITCH
			6,020	SY	4" CONCRETE ISLAND COVER
			1,350	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			20	SY	*** MONOLITHIC CONCRETE MEDIAN (*****) (8", NON-MOUNTABLE)
			9,670	LF	CONCRETE BARRIER, TYPE ***** (T)
			1,850	LF	CONCRETE BARRIER, TYPE ***** (T1)
			2,750	LF	CONCRETE BARRIER, TYPE ***** (T2)
			9	EA	CONCRETE BARRIER TRANSITION SECTION
			17,520	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			270	SY	GENERIC PAVING ITEM FILL AND CAP BEHIND BARRIER
			230	LF	GENERIC PAVING ITEM 2'-0" MODIFIED VALLEY GUTTER
			710	LF	GENERIC PAVING ITEM DDI BARRIER
			4	EA	GENERIC PAVING ITEM MEDIAN HAZARD PROTECTION
			2	EA	ADJUSTMENT OF DROP INLETS
			1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
			6	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
			53,000	LF	STEEL BEAM GUARDRAIL
			150	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
			10	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77 MODIFIED)
			51	EA	GUARDRAIL END UNITS, TYPE CAT-1
			8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			52	EA	GUARDRAIL END UNITS, TYPE TL-3
			13	EA	GUARDRAIL END UNITS, TYPE TL-2
			30	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			8,650	LF	REMOVE EXISTING GUARDRAIL
			15,390	LF	REMOVE EXISTING GUIDERAIL
			2,950	LF	TEMPORARY STEEL BEAM GUARDRAIL
			10	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)
			1,300	LF	DOUBLE FACED CABLE GUIDERAIL
			5	EA	ADDITIONAL GUIDERAIL POSTS
			1	EA	CABLE GUIDERAIL ANCHOR UNITS
			51,900	LF	WOVEN WIRE FENCE, 47" FABRIC
			3,256	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			825	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			3,230	LF	** STRAND BARBED WIRE FENCE WITH POSTS (5)
			6	EA	SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (47", 12', 12')
			8,220	TON	RIP RAP, CLASS I
			210	TON	RIP RAP, CLASS II
			10	TON	RIP RAP, CLASS A
			4,780	TON	RIP RAP, CLASS B
			40	TON	BOULDERS
			35,825	SY	GEOTEXTILE FOR DRAINAGE
			11	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			15	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			3	CY	PLAIN CONCRETE SIGN FOUNDATIONS
20	TON	#57 STONE			
8,000	CY	SHALLOW UNDERCUT			
98,565	TON	CLASS IV SUBGRADE STABILIZATION			
500	TON	STABILIZER AGGREGATE			
9,500	TON	CLASS IV AGGREGATE STABILIZATION			
187,400	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION			
15,800	TON	AGGREGATE BASE COURSE			
1,000	TON	INCIDENTAL STONE BASE			
21,700	CY	SHOULDER BORROW			
6,216	GAL	PRIME COAT			
3,520	SY	INCIDENTAL MILLING			
139,930	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
94,040	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
50,950	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
38,290	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
16,525	TON	ASPHALT BINDER FOR PLANT MIX			
1,355	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
1,250	SY	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS			
50	TON	SELECT MATERIAL, CLASS IV			
57,550	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
132,215	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (12")			
9,980	SY	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (12")			
3,470	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (12")			
380	SY	GENERIC PAVING ITEM 7" JOINTED CONCRETE TRUCK APRON			
45,730	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT			
75,440	SY	CONCRETE SHOULDERS ADJACENT TO ***** PAVEMENT (12")			
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT			
60,240	LF	MILLED RUMBLE STRIPS (CONCRETE SHOULDERS)			
278	EA	RIGHT-OF-WAY MARKERS			
8	EA	CONTROL-OF-ACCESS MARKERS			
5,174.4	CY	SUBDRAIN EXCAVATION			
15,400	SY	GEOTEXTILE FOR SUBSURFACE DRAINS			
2,587.2	CY	SUBDRAIN COARSE AGGREGATE			
15,400	LF	6" PERFORATED SUBDRAIN PIPE			
31	EA	SUBDRAIN PIPE OUTLET			
186	LF	6" OUTLET PIPE			
22,060	LF	SHOULDER DRAIN			
22,060	LF	4" SHOULDER DRAIN PIPE			
1,780	LF	4" OUTLET PIPE FOR SHOULDER DRAINS			
40	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET			
20	TON	BLOTTING SAND			
56,374	CY	ENDWALLS			
50	CY	REINFORCED ENDWALLS			
21,554	CY	PIPE COLLARS			
31	CY	FLOWABLE FILL			
502	EA	MASONRY DRAINAGE STRUCTURES			
96.64	CY	MASONRY DRAINAGE STRUCTURES			
518.6	LF	MASONRY DRAINAGE STRUCTURES			
4	EA	FRAME WITH GRATE, STD 840.22			
19	EA	FRAME WITH TWO GRATES, STD 840.16			
106	EA	FRAME WITH TWO GRATES, STD 840.20			
176	EA	FRAME WITH TWO GRATES, STD 840.22			
4	EA	FRAME WITH TWO GRATES, STD 840.24			
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
45	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			

			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (89+70 -Y15REV-)	
727	CY	OVERHEAD FOOTING				
15,077	LB	SUPPORTS, BREAKAWAY STEEL BEAM				
4,418	LB	SUPPORTS, SIMPLE STEEL BEAM				
4,723	LF	SUPPORTS, 3-LB STEEL U-CHANNEL				
14	EA	SUPPORTS, 2-LB STEEL U-CHANNEL				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (155+88 -Y15-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (160+00 -Y15-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (160+85 -Y15-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (17+50 -Y15REV-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (20+87 -Y4-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (24+50 -Y15-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (26+00 -Y4-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (26+37 -Y15FLYBD-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (29+41 -Y4-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (31+94 -Y4-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+00 -Y15-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+00 -Y15FLYAC-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (34+68 -Y15FLYCA-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (47+00 -Y15FLYAC-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (50+46 -Y15-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (52+00 -Y15FLYCA-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (56+00 -Y15REV-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (666+00 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (686+00 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (702+30 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (706+00 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (737+50 -L- EB)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (737+50 -L- WB)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (757+00 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (76+25 -Y15FLYBD-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (763+84 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (794+00 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (819+00 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (826+00 -L-)				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (835+50 -L-)				
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (91+50 -Y15REV-)	
				7	EA	SIGN ERECTION, TYPE D
				255	EA	SIGN ERECTION, TYPE E
				7	EA	SIGN ERECTION, TYPE F
				56	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
				29	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
				18	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
				2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
				12	EA	SIGN ERECTION, MILEMARKERS
				3	EA	SIGN ERECTION, RELOCATE TYPE *** (GROUND MOUNTED) (A)
				6	EA	DISPOSAL OF SUPPORT, STEEL BEAM
				5	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
				33	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
				562	SF	WORK ZONE SIGNS (STATIONARY)
				2,452	SF	HIGH VISIBILITY STATIONARY SIGNS
				565	SF	WORK ZONE SIGNS (PORTABLE)
				16	SF	HIGH VISIBILITY PORTABLE SIGNS
				380	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
				8	EA	FLASHING ARROW BOARD
				10	EA	PORTABLE CHANGEABLE MESSAGE SIGN
				10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
				56	EA	WORK ZONE PRESENCE LIGHTING
				410	EA	DRUMS
				510	EA	HIGH VISIBILITY DRUMS
				60	EA	SEQUENTIAL FLASHING WARNING LIGHTS
				74	EA	CONES
				936	LF	BARRICADES (TYPE III)
				45	LF	PEDESTRIAN CHANNELIZING DEVICES
				106	DAY	FLAGGER
				9	EA	TEMPORARY CRASH CUSHIONS
				14	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
				6	EA	TMA
				31,326	LF	PORTABLE CONCRETE BARRIER
				250	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
				45,830	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
				64	HR	LAW ENFORCEMENT
				4,977	LF	TEMPORARY GLARE SCREEN
				9	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
				8	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE
				2	EA	GENERIC TRAFFIC CONTROL ITEM FLASHING BEACON AND DETECTION SYSTEM
				3,165	EA	TEMPORARY RAISED PAVEMENT MARKERS
				44,152	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
				156,846	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
				2,728	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
				18,414	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
				108	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
				288	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
				1,646	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)
				1,632	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (IV)
				200,932	LF	PAINT PAVEMENT MARKING LINES (4")
				7,767	LF	PAINT PAVEMENT MARKING LINES (8")

			3,040	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	
134	LF	PAINT PAVEMENT MARKING LINES (12")	2,635	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	
4,594	LF	PAINT PAVEMENT MARKING LINES (24")	1	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)	
60	EA	PAINT PAVEMENT MARKING CHARACTER	3	EA	ELECTRICAL JUNCTION BOXES ***** (HM18)	
465	EA	PAINT PAVEMENT MARKING SYMBOL	13	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)	
268,270	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"	5	EA	ELECTRICAL JUNCTION BOXES ***** (IG30)	
9,332	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"	19	EA	ELECTRICAL JUNCTION BOXES ***** (LS18)	
22,125	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	2	EA	ELECTRICAL JUNCTION BOXES ***** (LS30)	
164,490	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	Lump Sum	LS	PORTABLE LIGHTING	
490	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	1,303	LF	*** WATER LINE (36")	
3,829	LF	REMOVAL OF PAVEMENT MARKING LINES (12")	271	LF	2" WATER LINE	
319	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	5,887	LF	6" WATER LINE	
27	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	35	LF	12" WATER LINE	
13,967	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 12"	41,890	LB	DUCTILE IRON WATER PIPE FITTINGS	
4,479	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4", 30 MILS (STANDARD GLASS BEADS)	41	EA	6" VALVE	
138,443	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6", 30 MILS (STANDARD GLASS BEADS)	1	EA	12" VALVE	
124	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 8", 30 MILS (STANDARD GLASS BEADS)	1	EA	6" TAPPING SLEEVE & VALVE	
1,989	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	1	EA	*** BLOW OFF (3/4")	
4,352	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	48	EA	RELOCATE WATER METER	
145	EA	PERMANENT RAISED PAVEMENT MARKERS	4	EA	RECONNECT WATER METER	
3	EA	100' HIGH MOUNT STANDARD	24	EA	FIRE HYDRANT	
1	EA	PORTABLE DRIVE UNIT	1	EA	RELOCATE FIRE HYDRANT	
21	CY	HIGH MOUNT FOUNDATIONS	503	LF	FIRE HYDRANT LEG	
18	EA	HIGH MOUNT LUMINAIRES ***** (560W LED)	1	EA	6" LINE STOP	
13	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM)	1	EA	12" LINE STOP	
8	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' TA, 15' ARM)	2,465	LF	WATER SERVICE LINE	
19	EA	STANDARD FOUNDATION ***** (TYPE R1)	8,921	LF	8" SANITARY GRAVITY SEWER	
2	EA	STANDARD FOUNDATION ***** (TYPE R2)	1,586	LF	16" SANITARY GRAVITY SEWER	
29	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW, 285W LED)	21	EA	SANITARY SEWER CLEAN-OUT	
1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)	1,240	LF	SEWER SERVICE LINE	
25	LF	ELECTRIC SERVICE LATERAL ***** (3 1/0 USE)	40	EA	4' DIA UTILITY MANHOLE	
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V)	18	EA	5' DIA UTILITY MANHOLE	
470	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	4	EA	6' DIA UTILITY MANHOLE	
655	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	222	LF	UTILITY MANHOLE WALL 4' DIA	
315	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")	190	LF	UTILITY MANHOLE WALL 5' DIA	
460	LF	** #8 W/G FEEDER CIRCUIT (2)	12	LF	UTILITY MANHOLE WALL 6' DIA	
600	LF	** #6 W/G FEEDER CIRCUIT (2)	1,565	LF	ABANDON *** UTILITY PIPE (15")	
190	LF	** #4 W/G FEEDER CIRCUIT (2)	410	LF	ABANDON *** UTILITY PIPE (36")	
5,230	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	5,100	LF	ABANDON 8" UTILITY PIPE	
			391	LF	ABANDON 18" UTILITY PIPE	
			373	EA	REMOVE WATER METER	
			49	EA	REMOVE FIRE HYDRANT	
			102	EA	ABANDON UTILITY MANHOLE	
			5	EA	REMOVE UTILITY MANHOLE	
			330	LF	*** ENCASEMENT PIPE (54")	
			1,340	LF	18" ENCASEMENT PIPE	
			360	LF	30" ENCASEMENT PIPE	
			885	LF	BORE AND JACK OF *** (18")	
			1	EA	GENERIC UTILITY ITEM 36" X 6" TAPPING SLEEVE AND VALVE	
			1	EA	GENERIC UTILITY ITEM 4" COMBINATION AIR VALVE IN MH	
			3	EA	GENERIC UTILITY ITEM STEEL PILE PIER	
			242,460	LF	TEMPORARY SILT FENCE	
			9,325	TON	STONE FOR EROSION CONTROL, CLASS A	
			44,570	TON	STONE FOR EROSION CONTROL, CLASS B	
			25,840	TON	SEDIMENT CONTROL STONE	
			1,404.5	ACR	TEMPORARY MULCHING	
			54,100	LB	SEED FOR TEMPORARY SEEDING	
			270.5	TON	FERTILIZER FOR TEMPORARY SEEDING	
			24,585	LF	TEMPORARY SLOPE DRAINS	
			5,640	LF	SAFETY FENCE	
			206,860	CY	SILT EXCAVATION	
			771,880	SY	MATTING FOR EROSION CONTROL	

1,515	SY	COIR FIBER MAT	8	EA	RELOCATE CAMERA SENSOR UNIT	
18,500	SY	PERMANENT SOIL REINFORCEMENT MAT	21,534	LF	COMMUNICATIONS CABLE (**FIBER) (144)	
40,410	LF	1/4" HARDWARE CLOTH	830	LF	COMMUNICATIONS CABLE (**FIBER) (24)	
150	LF	*** TEMPORARY PIPE (15")	5,425	LF	COMMUNICATIONS CABLE (**FIBER) (36)	
100	LF	TEMPORARY PIPE FOR STREAM CROSSING	21,055	LF	COMMUNICATIONS CABLE (**FIBER) (72)	
165	SY	FLOATING TURBIDITY CURTAIN	5,271	LF	DROP CABLE	
1,016	CY	STILLING BASINS	19	EA	SPLICE ENCLOSURE	
13	EA	SPECIAL STILLING BASINS	21	EA	INTERCONNECT CENTER	
1,530	LF	WATTLE	87	EA	DELINEATOR MARKER	
9,400	LF	COIR FIBER WATTLE	4,900	LF	REMOVE EXISTING COMMUNICATIONS CABLE	
28,290	LF	WATTLE BARRIER	8	EA	METAL STRAIN SIGNAL POLE	
14,635	LB	POLYACRYLAMIDE (PAM)	6	EA	METAL POLE WITH SINGLE MAST ARM	
29,710	LF	COIR FIBER BAFFLE	21	EA	SOIL TEST	
58	EA	*** SKIMMER (1-1/2")	95	CY	DRILLED PIER FOUNDATION	
29	EA	*** SKIMMER (2")	6	EA	MAST ARM WITH METAL POLE DESIGN	
8	EA	*** SKIMMER (2-1/2")	25	EA	SIGN FOR SIGNALS	
5	EA	*** SKIMMER (3")	18	EA	TYPE II PEDESTAL WITH FOUNDATION	
1	EA	*** SKIMMER (4")	4	EA	SIGNAL CABINET FOUNDATION	
747	ACR	SEEDING & MULCHING	4	EA	CONTROLLERS WITH CABINET (*****)	
858	ACR	MOWING	4	EA	(TYPE 2070E, BASE MOUNTED)	
14,250	LB	SEED FOR REPAIR SEEDING	32	EA	DETECTOR CARD (TYPE 170)	
36.75	TON	FERTILIZER FOR REPAIR SEEDING	4	EA	CABINET BASE EXTENDER	
18,275	LB	SEED FOR SUPPLEMENTAL SEEDING	1	EA	TRAFFIC SIGNAL REMOVAL	
548	TON	FERTILIZER TOPDRESSING	66	EA	GENERIC SIGNAL ITEM	
1,090	LF	IMPERVIOUS DIKE	5/8" X 10' GROUNDING ELECTRODE	7	EA	GENERIC SIGNAL ITEM
290	MHR	SPECIALIZED HAND MOWING	8	EA	GENERIC SIGNAL ITEM	
150	EA	RESPONSE FOR EROSION CONTROL	8	EA	DIGITAL CCTV CAMERA ASSEMBLY	
2,650	EA	CONCRETE WASHOUT STRUCTURE	5	EA	GENERIC SIGNAL ITEM	
11	CY	CULVERT DIVERSION CHANNEL	5	EA	DMS ACCESS LADDER	
34	ACR	REFORESTATION	5	EA	GENERIC SIGNAL ITEM	
185	EA	GENERIC EROSION CONTROL ITEM	5	EA	DMS PEDESTAL STRUCTURE	
553	EA	FABRIC INSERT INLET PROTECTION DEVICE	5	EA	GENERIC SIGNAL ITEM	
16	EA	GENERIC EROSION CONTROL ITEM	11	EA	DYNAMIC MESSAGE SIGN (TYPE-2C)	
15,050	LF	FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	17	EA	GENERIC SIGNAL ITEM	
72	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	17	EA	EQUIPMENT CABINET DISCONNECT	
7	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	8	EA	GENERIC SIGNAL ITEM	
10	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	8	EA	ETHERNET EDGE SWITCH	
4,600	LF	VEHICLE SIGNAL HEAD (12", 5 SECTION)	1	EA	GENERIC SIGNAL ITEM	
2,925	LF	MESSENGER CABLE (1/4")	1	EA	FIELD EQUIPMENT CABINET	
35,406	LF	MESSENGER CABLE (3/8")	1	EA	GENERIC SIGNAL ITEM	
25	LF	TRACER WIRE	1	EA	HUB CABINET	
4,271	LF	PAVED TRENCHING (*****)	1	EA	GENERIC SIGNAL ITEM	
28,788	LF	(1, 2")	1	EA	HUB CABINET BASE EXTENDER	
2,530	LF	UNPAVED TRENCHING (*****)	1	EA	GENERIC SIGNAL ITEM	
440	LF	(1, 2")	1	EA	HUB CABINET FOUNDATION	
1,375	LF	UNPAVED TRENCHING (*****)	12	EA	GENERIC SIGNAL ITEM	
2,354	LF	(2, 2")	12	EA	JUNCTION BOX (SPECIAL OVER-SIZED)	
594	LF	UNPAVED TRENCHING (*****)	11	EA	GENERIC SIGNAL ITEM	
98	EA	(3, 2")	11	EA	METER BASE/DISCONNECT COMBINATION PANEL	
75	EA	DIRECTIONAL DRILL (*****)	1	EA	GENERIC SIGNAL ITEM	
23	EA	(1, 2")	11	EA	SOLAR POWER ASSEMBLY	
23	EA	DIRECTIONAL DRILL (*****)	11	EA	GENERIC SIGNAL ITEM	
11	EA	(2, 2")	660	LF	WOOD PEDESTAL	
2	EA	(3, 2")	660	LF	GENERIC SIGNAL ITEM	
2	EA	JUNCTION BOX (STANDARD SIZE)	1,675	LF	#4 SOLID BARE COPPER GROUNDING CONDUCTOR	
5,625	LF	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	3,570	LF	GENERIC SIGNAL ITEM	
13,700	LF	WOOD POLE			3-WIRE COPPER FEEDER CONDUCTORS	
2	EA	GUY ASSEMBLY			4-WIRE COPPER FEEDER CONDUCTORS	
4	EA	*** RISER WITH ***** (1-1/2", WEATHERHEAD)				
2	EA	1" RISER WITH WEATHERHEAD				
2	EA	2" RISER WITH WEATHERHEAD				
5,625	LF	INDUCTIVE LOOP SAWCUT				
13,700	LF	LEAD-IN CABLE (*****)				
2	EA	(14-2)				
2	EA	SITE SURVEY				
4	EA	LUMINAIRE ARM FOR VIDEO SYSTEM				
8	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT				
2	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT				

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (30+13.47 -Y115REV-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (18+22.67 -Y5B-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (19+75.11 -Y5B-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (30+13.47 -Y115REV-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (35+53.70 -Y15RPDREV-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (43+66.60 -Y15FLYCA-)

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (768+62.23 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (792+88.12 -L-)
5,970	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
4,604.7	CY	CLASS A CONCRETE (CULVERT)
799,380	LB	REINFORCING STEEL (CULVERT)
15	TON	RIP RAP, CLASS ** (A)
15	TON	RIP RAP, CLASS B
1,970	SY	GEOTEXTILE FOR DRAINAGE

WALL ITEMS

4,090	SF	MSE RETAINING WALL NO **** (1)
3,250	SF	MSE RETAINING WALL NO **** (2)
555,368	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT
56,818	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL 1
85,427	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL 2
87,297	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL 3
108,020	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL 4

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+26.35 -Y1B-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 58+33.94 -Y15FLYCA-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 60+66.06 -Y15FLYAC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 47+63.62 -Y15FLYBD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 60+66.06 -Y15FLYAC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 47+63.62 -Y15FLYBD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 58+33.94 -Y15FLYCA-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 60+66.06 -Y15FLYAC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 47+63.62 -Y15FLYBD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 58+33.94 -Y15FLYCA-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 60+66.06 -Y15FLYAC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5, 47+63.62 -Y15FLYBD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5, 58+33.94 -Y15FLYCA-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5, 60+66.06 -Y15FLYAC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (6, 47+63.62 -Y15FLYBD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (6, 58+33.94 -Y15FLYCA-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (6, 60+66.06 -Y15FLYAC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (7, 58+33.94 -Y15FLYCA-)

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (8, 60+66.06 -Y15FLYAC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (9, 60+66.06 -Y15FLYAC-)
115	LF	PILE EXCAVATION IN SOIL
185	LF	PILE EXCAVATION NOT IN SOIL
56	LF	**1.**" DIA DRILLED PIERS IN SOIL (4'-6")
47	LF	**1.**" DIA DRILLED PIERS IN SOIL (6'-0")
98.5	LF	4'-0" DIA DRILLED PIERS IN SOIL
56	LF	**1.**" DIA DRILLED PIERS NOT IN SOIL (4'-6")
140	LF	**1.**" DIA DRILLED PIERS NOT IN SOIL (5'-6")
212	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
2	EA	PDA TESTING
5	EA	SID INSPECTIONS
8	EA	SPT TESTING
4	EA	CSL TESTING
294,675	SF	REINFORCED CONCRETE DECK SLAB
268,594	SF	GROOVING BRIDGE FLOORS
9,485.3	CY	CLASS AA CONCRETE (BRIDGE)
2,195.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+26.35 -Y1B-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+43.03 -Y16-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+67.66 -Y4-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (47+28.33 -Y15REV-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (47+63.62 -Y15FLYBD-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (58+33.94 -Y15FLYCA-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (60+66.06 -Y15FLYAC-)
2,090,775	LB	REINFORCING STEEL (BRIDGE)
29,987	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,763.7	LF	54" PRESTRESSED CONCRETE GIR- DERS
11,906,699	LS	APPROX LBS STRUCTURAL STEEL
114	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
805	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
4,420	LF	HP12X53 STEEL PILES
40,416	LF	HP14X73 STEEL PILES
39	EA	STEEL PILE POINTS
96	LF	PREDRILLING FOR PILES
1,617.2	LF	TWO BAR METAL RAIL
10,618.7	LF	CONCRETE BARRIER RAIL
423.5	LF	VERTICAL CONCRETE BARRIER RAIL
309.7	LF	CONCRETE MEDIAN BARRIER
354.1	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-3 1/2")
832.98	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
481.4	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 3'-3 3/4")
4,824.2	SY	4" SLOPE PROTECTION
Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM POST TENSIONING ENCASEMENT
Lump Sum	LS	GENERIC STRUCTURE ITEM POST TENSIONING TENDONS
4,566.33	LF	GENERIC STRUCTURE ITEM 63" PRESTRESSED CONCRETE FLORIDA I-BEAM GIRDERS

- 95.2 CY GENERIC STRUCTURE ITEM
6000 PSI CONCRETE
- 196 EA GENERIC STRUCTURE ITEM
9-5/8" DIA MICROPILES
- 1 EA GENERIC STRUCTURE ITEM
DEMONSTRATION MICROPILES
- 8 EA GENERIC STRUCTURE ITEM
MICROPILE PROOF TESTS
- 1 EA GENERIC STRUCTURE ITEM
MICROPILE VERIFICATION TESTS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L211221 002

CONTRACT ID : C204397 34400.3.4

DIV OFFICE ASHEVILLE

LENGTH = 5.164 MI

COUNTY : RUTHERFORD

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 9.0% COMPLETION DATE : MAY 14 2027

US-221 SOUTH OF US-74 BUS (CHARLOTTE RD) TO NORTH OF SR-1366 (ROPER LOOP RD).

ROADWAY ITEMS				
		56	LF	*** CS PIPE CULVERTS, ***** THICK (60", 0.138")
Lump Sum	LS MOBILIZATION	2,012	LF	15" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS CONSTRUCTION SURVEYING	2,360	LF	18" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS CLEARING & GRUBBING . ACRE(S)			
5	ACR SUPPLEMENTARY CLEARING & GRUBBING	784	LF	24" CS PIPE CULVERTS, 0.064" THICK
3	EA SEALING ABANDONED WELLS	648	LF	30" CS PIPE CULVERTS, 0.079" THICK
2,860,000	CY UNCLASSIFIED EXCAVATION			
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (20+88.94 -Y19-)	16	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (26+65.52 -Y3-)	14	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
Lump Sum	LS TYPE III REINFORCED APPROACH FILL, STATION ***** (774+41.49 -L3- LT)	552	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")
Lump Sum	LS TYPE III REINFORCED APPROACH FILL, STATION ***** (774+41.49 -L3- RT)	244	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (66", 0.875")
13,500	CY UNDERCUT EXCAVATION	692	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")
25,650	CY DRAINAGE DITCH EXCAVATION			
1,810	LF BERM DITCH CONSTRUCTION	4,702	LF	PIPE REMOVAL
47,600	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	4	EA	PIPE CLEAN OUT
3,400	SY REMOVAL OF EXISTING CONCRETE PAVEMENT	310	SY	6" SLOPE PROTECTION
7,500	SY BREAKING OF EXISTING ASPHALT PAVEMENT	Lump Sum	LS	FINE GRADING
100	HR PROOF ROLLING	184,940	SY	LIME TREATED SOIL (SLURRY METHOD)
11,500	CY SELECT GRANULAR MATERIAL	2,220	TON	LIME FOR LIME TREATED SOIL
53,500	SY GEOTEXTILE FOR SOIL STABILIZATION	15,000	CY	SHALLOW UNDERCUT
100	TON GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	39,800	TON	CLASS IV SUBGRADE STABILIZATION
5,250	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1,500	TON	STABILIZER AGGREGATE
16,500	SY FOUNDATION CONDITIONING GEOTEXTILE	129,200	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
2,484	LF 15" DRAINAGE PIPE	92,300	TON	AGGREGATE BASE COURSE
1,796	LF 18" DRAINAGE PIPE	184,940	SY	SOIL CEMENT BASE
1,328	LF 24" DRAINAGE PIPE	5,179	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
1,036	LF 30" DRAINAGE PIPE	55,490	GAL	ASPHALT CURING SEAL
264	LF 36" DRAINAGE PIPE	10,000	TON	INCIDENTAL STONE BASE
32	LF 42" DRAINAGE PIPE	38,000	CY	SHOULDER BORROW
352	LF **** RC PIPE CULVERTS, CLASS ***** (54", V)	180	GAL	PRIME COAT
14,496	LF 15" RC PIPE CULVERTS, CLASS III	6,870	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
6,076	LF 18" RC PIPE CULVERTS, CLASS III	6,200	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")
4,800	LF 24" RC PIPE CULVERTS, CLASS III	3,450	SY	INCIDENTAL MILLING
3,316	LF 30" RC PIPE CULVERTS, CLASS III	28,717	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1,700	LF 36" RC PIPE CULVERTS, CLASS III	43,600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
1,256	LF 42" RC PIPE CULVERTS, CLASS III	22,774	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
544	LF 48" RC PIPE CULVERTS, CLASS III	34,220	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
836	LF 54" RC PIPE CULVERTS, CLASS III	6,960	TON	ASPHALT BINDER FOR PLANT MIX
24	LF 72" RC PIPE CULVERTS, CLASS III	1,000	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
172	LF 18" RC PIPE CULVERTS, CLASS IV	92,000	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
272	LF 30" RC PIPE CULVERTS, CLASS IV	590	SY	GENERIC PAVING ITEM 7" CONCRETE TRUCK APRON
36	LF 36" RC PIPE CULVERTS, CLASS IV	575	EA	RIGHT-OF-WAY MARKERS
44	LF **** HDPE PIPE CULVERTS (8")	1,344	CY	SUBDRAIN EXCAVATION
672	LF *** CS PIPE CULVERTS, ***** THICK (36", 0.079")	2,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
588	LF *** CS PIPE CULVERTS, ***** THICK (42", 0.109")	336	CY	SUBDRAIN FINE AGGREGATE
		336	CY	SUBDRAIN COARSE AGGREGATE
		4,000	LF	6" PERFORATED SUBDRAIN PIPE
		8	EA	SUBDRAIN PIPE OUTLET
		48	LF	6" OUTLET PIPE
		20,800	LF	SHOULDER DRAIN
		20,832	LF	4" SHOULDER DRAIN PIPE

			60,960	LF	WOVEN WIRE FENCE, 47" FABRIC
			3,730	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			1,170	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
2,036	LF	4" OUTLET PIPE FOR SHOULDER DRAINS			
40	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	1	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (47", 8', 16')
20	TON	BLOTTING SAND			
41.4	CY	ENDWALLS	810	LF	GENERIC FENCING ITEM BIKE AND PEDESTRIAN SAFETY RAIL
24.3	CY	REINFORCED ENDWALLS			
6,413	CY	PIPE COLLARS	3,500	TON	RIP RAP, CLASS I
1,504	CY	PIPE PLUGS	6,625	TON	RIP RAP, CLASS II
137	CY	FLOWABLE FILL	6,465	TON	RIP RAP, CLASS B
435	EA	MASONRY DRAINAGE STRUCTURES	44,475	SY	GEOTEXTILE FOR DRAINAGE
24.72	CY	MASONRY DRAINAGE STRUCTURES	12	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
546.7	LF	MASONRY DRAINAGE STRUCTURES	2	CY	PLAIN CONCRETE SIGN FOUNDATIONS
54	EA	FRAME WITH TWO GRATES, STD 840.16	30	CY	OVERHEAD FOOTING
41	EA	FRAME WITH TWO GRATES, STD 840.20	4,817	LB	SUPPORTS, BREAKAWAY STEEL BEAM
172	EA	FRAME WITH TWO GRATES, STD 840.22	6,948	LB	SUPPORTS, SIMPLE STEEL BEAM
7	EA	FRAME WITH TWO GRATES, STD 840.24	6,280	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	FRAME WITH TWO GRATES, STD 840.29	10	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (861+15 -L3-)
42	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	5	EA	SIGN ERECTION, TYPE D
31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	339	EA	SIGN ERECTION, TYPE E
41	EA	FRAME WITH COVER, STD 840.54	73	EA	SIGN ERECTION, TYPE F
15	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	3	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
34	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
2	EA	*** SLUICE GATE (8")	18	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
17	EA	GENERIC DRAINAGE ITEM ENERGY DISSIPATOR BASIN	9	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
230	LF	***X*** CONCRETE CURB (8" X 12")	9	EA	SIGN ERECTION, MILEMARKERS
18,400	LF	2'-6" CONCRETE CURB & GUTTER	3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
5,310	LF	SHOULDER BERM GUTTER	3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
750	LF	CONCRETE EXPRESSWAY GUTTER	2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (F)
5,480	SY	4" CONCRETE SIDEWALK	93	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6	EA	CONCRETE CURB RAMPS	4	EA	DISPOSAL OF SUPPORT, U-CHANNEL
560	SY	6" CONCRETE DRIVEWAY	12	EA	DISPOSAL OF SIGN, D, E OR F
177	SY	4" CONCRETE PAVED DITCH	Lump Sum	LS	GENERIC SIGNING ITEM DISPOSAL OF FLASHER SYSTEM
8,850	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	1,906	SF	WORK ZONE SIGNS (STATIONARY)
490	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	672	SF	WORK ZONE SIGNS (PORTABLE)
655	LF	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE)	432	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
5,350	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	2	EA	FLASHING ARROW BOARD
360	LF	GENERIC PAVING ITEM 2'-0" MODIFIED VALLEY GUTTER	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
2	EA	GENERIC PAVING ITEM VERTICAL CONCRETE BARRIER TRANSITION	920	EA	DRUMS
2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	30	EA	SEQUENTIAL FLASHING WARNING LIGHTS
29,500	LF	STEEL BEAM GUARDRAIL	50	EA	CONES
1,475	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	352	LF	BARRICADES (TYPE III)
30	EA	ADDITIONAL GUARDRAIL POSTS	128	LF	PEDESTRIAN CHANNELIZING DEVICES
9	EA	GUARDRAIL END UNITS, TYPE AT-1	550	DAY	FLAGGER
23	EA	GUARDRAIL END UNITS, TYPE CAT-1	2	EA	TEMPORARY CRASH CUSHIONS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	2	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
44	EA	GUARDRAIL END UNITS, TYPE TL-3	2	EA	TMA
23	EA	GUARDRAIL END UNITS, TYPE TL-2	1,800	LF	PORTABLE CONCRETE BARRIER
20	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1,800	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
7,400	LF	REMOVE EXISTING GUARDRAIL	700	LF	WATER FILLED BARRIER
500	LF	TEMPORARY STEEL BEAM GUARDRAIL	700	LF	REMOVE AND RESET WATER FILLED BARRIER
2	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	64	HR	LAW ENFORCEMENT
13,200	LF	DOUBLE FACED CABLE GUIDERAIL	110	EA	SKINNY DRUM
10	EA	ADDITIONAL GUIDERAIL POSTS	68	EA	TUBULAR MARKERS (FIXED)
40	EA	CABLE GUIDERAIL ANCHOR UNITS	1,618	EA	TEMPORARY RAISED PAVEMENT MARKERS
6	EA	GENERIC GUARDRAIL ITEM PERMANENT BOLLARDS	1,687	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
3	EA	GENERIC GUARDRAIL ITEM REMOVABLE BOLLARDS	26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
			223	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)

			40,810	TON	STONE FOR EROSION CONTROL, CLASS B
			19,350	TON	SEDIMENT CONTROL STONE
			711	ACR	TEMPORARY MULCHING
1,960	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	27,700	LB	SEED FOR TEMPORARY SEEDING
302	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)	141.5	TON	FERTILIZER FOR TEMPORARY SEEDING
2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (I)	28,125	LF	TEMPORARY SLOPE DRAINS
296,225	LF	PAINT PAVEMENT MARKING LINES (4")	11,320	LF	SAFETY FENCE
23,546	LF	PAINT PAVEMENT MARKING LINES (6")	250,750	CY	SILT EXCAVATION
1,400	LF	PAINT PAVEMENT MARKING LINES (8")	892,500	SY	MATTING FOR EROSION CONTROL
576	LF	PAINT PAVEMENT MARKING LINES (12")	2,640	SY	COIR FIBER MAT
770	LF	PAINT PAVEMENT MARKING LINES (24")	32,000	SY	PERMANENT SOIL REINFORCEMENT MAT
76	EA	PAINT PAVEMENT MARKING SYMBOL	22,655	LF	1/4" HARDWARE CLOTH
32,600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	135	LF	*** TEMPORARY PIPE (36")
400	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	125	LF	TEMPORARY PIPE FOR STREAM CROSSING
110	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	210	CY	STILLING BASINS
12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	10	EA	SPECIAL STILLING BASINS
10,194	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 12"	14,930	LF	COIR FIBER WATTLE
		20 MILS (STANDARD GLASS BEADS)	31,250	LF	WATTLE BARRIER
86,125	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4"	17,715	LB	POLYACRYLAMIDE (PAM)
		20 MILS (STANDARD GLASS BEADS)	27,830	LF	COIR FIBER BAFFLE
112,564	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6"	75	EA	*** SKIMMER (1-1/2")
		20 MILS (STANDARD GLASS BEADS)	18	EA	*** SKIMMER (2")
1,844	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 8"	13	EA	*** SKIMMER (2-1/2")
		20 MILS (STANDARD GLASS BEADS)	1	EA	*** SKIMMER (3")
430	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	365	ACR	SEEDING & MULCHING
1,606	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	251	ACR	MOWING
8	EA	PERMANENT RAISED PAVEMENT MARKERS	7,250	LB	SEED FOR REPAIR SEEDING
48	EA	7' U-CHANNEL POSTS	19,25	TON	FERTILIZER FOR REPAIR SEEDING
54	EA	OBJECT MARKERS (END OF ROAD)	9,500	LB	SEED FOR SUPPLEMENTAL SEEDING
1,350	LF	2" WATER LINE	283.75	TON	FERTILIZER TOPDRESSING
2,515	LF	6" WATER LINE	770	LF	IMPERVIOUS DIKE
960	LF	8" WATER LINE	180	MHR	SPECIALIZED HAND MOWING
5,790	LF	10" WATER LINE	150	EA	RESPONSE FOR EROSION CONTROL
3,130	LF	12" WATER LINE	32	EA	CONCRETE WASHOUT STRUCTURE
8,349	LB	DUCTILE IRON WATER PIPE FITTINGS	1,010	CY	CULVERT DIVERSION CHANNEL
5	EA	2" VALVE	100	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
18	EA	6" VALVE	33	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
4	EA	8" VALVE	4	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
22	EA	10" VALVE	7,500	LF	SIGNAL CABLE
6	EA	12" VALVE	32	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
2	EA	*** TAPPING SLEEVE & VALVE (2")	11	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1	EA	6" TAPPING SLEEVE & VALVE	3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
5	EA	2" BLOW OFF	550	LF	MESSENGER CABLE (3/8")
9	EA	RELOCATE WATER METER	550	LF	UNPAVED TRENCHING (***** (1, 2"))
11	EA	RECONNECT WATER METER	405	LF	UNPAVED TRENCHING (***** (2, 2"))
15	EA	FIRE HYDRANT	310	LF	UNPAVED TRENCHING (***** (4, 2"))
15	EA	RELOCATE FIRE HYDRANT	200	LF	DIRECTIONAL DRILL (***** (1, 2"))
7,698.23	LF	8" SANITARY GRAVITY SEWER	575	LF	DIRECTIONAL DRILL (***** (2, 2"))
1,888.1	LF	10" SANITARY GRAVITY SEWER	100	LF	DIRECTIONAL DRILL (***** (3, 2"))
1,337.25	LF	12" SANITARY GRAVITY SEWER	275	LF	DIRECTIONAL DRILL (***** (4, 2"))
3,117	LF	4" FORCE MAIN SEWER	150	LF	DIRECTIONAL DRILL (***** (5, 2"))
310	LF	8" FORCE MAIN SEWER	8	EA	JUNCTION BOX (STANDARD SIZE)
62	EA	4' DIA UTILITY MANHOLE	10	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
4,983.8	LF	ABANDON 8" UTILITY PIPE	4	EA	WOOD POLE
4,827	LF	ABANDON 10" UTILITY PIPE	7	EA	GUY ASSEMBLY
584	LF	ABANDON 12" UTILITY PIPE	2	EA	1" RISER WITH WEATHERHEAD
28	EA	REMOVE WATER METER	3	EA	2" RISER WITH WEATHERHEAD
270	LF	16" ENCASEMENT PIPE	3,600	LF	INDUCTIVE LOOP SAWCUT
1,468	LF	18" ENCASEMENT PIPE	11,000	LF	LEAD-IN CABLE (***** (14-2))
1,386	LF	24" ENCASEMENT PIPE	1	EA	SITE SURVEY
143,000	LF	TEMPORARY SILT FENCE	3	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
8,860	TON	STONE FOR EROSION CONTROL, CLASS A	1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
			10	EA	900MHZ SERIAL/ETHERNET SPREAD SPECTRUM RADIO

STRUCTURE ITEMS

10	EA	METAL POLE WITH SINGLE MAST ARM	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 20+88.94 -Y19-)
2	EA	METAL POLE WITH DUAL MAST ARM			
12	EA	SOIL TEST	50	LF	4'-0" DIA DRILLED PIERS IN SOIL
84	CY	DRILLED PIER FOUNDATION			
12	EA	MAST ARM WITH METAL POLE DESIGN	50	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
14	EA	SIGN FOR SIGNALS	1	EA	CSL TESTING
3	EA	TYPE II PEDESTAL WITH FOUNDATION	38,861	SF	REINFORCED CONCRETE DECK SLAB
4	EA	SIGNAL CABINET FOUNDATION	40,654	SF	GROOVING BRIDGE FLOORS
4	EA	CONTROLLERS WITH CABINET (*****) (2070E, BASE MOUNTED)	601.6	CY	CLASS A CONCRETE (BRIDGE)
22	EA	DETECTOR CARD (TYPE 170)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+65.52 -Y3-)
4	EA	CABINET BASE EXTENDER			
1	EA	TRAFFIC SIGNAL REMOVAL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (774+41.49 -L3- LT)
1	EA	METAL POLE FOUNDATION REMOVAL			
1	EA	METAL POLE REMOVAL			
6	EA	GENERIC SIGNAL ITEM 2070E CONTROLLER	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (774+41.49 -L3- RT)
2	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR DUAL MAST ARM POLE (BLACK)	98,466	LB	REINFORCING STEEL (BRIDGE)
3	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL (BLACK)	7,072	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
10	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)	2,104.67	LF	54" PRESTRESSED CONCRETE GIRDERS
			2,254.9	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
			72	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
			30	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
			4,005	LF	HP12X53 STEEL PILES
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (874+45.00 -L3-)	940	LF	HP14X73 STEEL PILES
Lump Sum	LS	ASBESTOS ASSESSMENT	18	EA	STEEL PILE POINTS
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (735+38.59 -L3-)	170	LF	PREDRILLING FOR PILES
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (797+66.00 -L3-)	496.77	LF	TWO BAR METAL RAIL
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (830+02.00 -L3-)	343.92	LF	THREE BAR METAL RAIL
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (874+45.00 -L3-)	407.2	LF	CONCRETE BARRIER RAIL
			277.14	LF	VERTICAL CONCRETE BARRIER RAIL
			504.55	LF	1'-**X ***** CONCRETE PARAPET (1'-2" X 2'-6")
			2,278	SY	4" SLOPE PROTECTION
2,287	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	Lump Sum	LS	ELASTOMERIC BEARINGS
5,708.1	CY	CLASS A CONCRETE (CULVERT)			
920,565	LB	REINFORCING STEEL (CULVERT)			
32	TON	RIP RAP, CLASS ** (II)			
1,695	SY	GEOTEXTILE FOR DRAINAGE			

CULVERT ITEMS

WALL ITEMS

268	LF	CONCRETE BARRIER RAIL WITH MOMENT SLAB
6,350	SF	MSE RETAINING WALL NO **** (1)
4,335	SF	MSE RETAINING WALL NO **** (2)
4,665	SF	MSE RETAINING WALL NO **** (6)
149,026	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT
18,303	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO -NW11-
26,005	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO -NW13-
7,308	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO -NW15-
14,210	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO -NW5A-
8,208	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO -NW5B-
18,010	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO -NW8-

