



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

**IMPORTANT INFORMATION**

JAMES H. TROGDON, III  
SECRETARY

TO WHOM IT MAY CONCERN:

InfoTech (developers of Expedite and Bid Express) are replacing Expedite with Project Bids. NCDOT is currently testing the new software. We do not anticipate any issues and expect a seamless transition for contractors.

The new software requires the need for a new Digital ID. Bid Express will reimburse you for the fee, if you have an existing NCDOT or NCDOT – Divisions Digital ID.

What this means for you:

- Project Bids site and software available for Central – Dec 18, 2018
  - Download new Project Bids software
  - Create new Digital ID and request to be able to bid with NCDOT. You will only be using Project Bids and the new Digital ID to bid Central projects (Contract numbers that begin with C).
  - User guides and instructional videos are available in the Bid Express Training Center. Links for this information have also been provided in an email from Bid Express.
- NCDOT Central Highway Letting – Jan 15, 2019
  - Bid with Expedite and old Digital ID
- NCDOT Central Highway Letting – Feb 19, 2019
  - Bid with Project Bids and new Digital ID
- Project Bids site and software available for Division – Mar 1, 2019
  - Download new Project Bids software, if you have not already done so.
  - Create new Digital ID and request to be able to bid with NCDOT – Divisions.
  - If you already have a Digital ID, request to bid with NCDOT – Divisions.
- Last Division Letting Using Expedite – Mar 29, 2019
- First Division Letting Using Project Bids – Apr 1, 2019

Please let us know if you have any questions and remember that we are always available to help by phone or email. Specific questions can be directed to Jaci Kincaid at [jakincaid@ncdot.gov](mailto:jakincaid@ncdot.gov) or 919-707-6920.

Ronald E. Davenport, Jr., PE  
State Contract Engineer  
RED/jak



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

February 20, 2018

NOTICE TO: All Prequalified Contractors

FROM: Ronald E Davenport, PE  
State Contract Officer

DocuSigned by:  
*Ronald E. Davenport, Jr.*  
F81B6038A47A442...

SUBJECT: Combined Contract Goal for MBE/WBE Participation on State-Funded Projects

Effective April 1, 2018, all state funded contracts will be advertised with one combined goal that is comprised of both the MBE and WBE participation anticipated for the project. The **Combined MBE/WBE Goal** may be met with all MBE or WBE participation, or any combination of MBE and WBE participation.

When entering this information in Expedite Bid, users will not see the words "Combined MBE/WBE" in which to enter their participation value, but will enter the value under "DBE".

For assistance in participation entry in Expedite, please contact Ms. Jaci Kincaid at 919-707-6920 or jakincaid@ncdot.gov.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION UNIT  
1543 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1543

*Telephone:* (919) 707-2400  
*Fax:* (919) 733-8441  
*Customer Service:* 1-877-368-4968

*Website:* www.ncdot.gov

*Location:*  
TRANSPORTATION BUILDING  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
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JAMES H. TROGDON, III  
SECRETARY

December 7, 2017

To Whom It May Concern:

In an effort to maximize transparency and competition on Department projects, starting January 1, 2018, NCDOT will make all requests for plans or proposals for purposes of bidding public. NCDOT will no longer give the option of the name being withheld from the Planholder's list. This change is reflected in the Section 102-3 of the 2018 Standard Specifications for Roads and Structures that will be effective January 1, 2018.

Sincerely,

A handwritten signature in black ink, appearing to read "R. E. Davenport".

Ronald E. Davenport, PE  
State Contract Officer

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

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

*Location:*  
1020 BIRCH RIDGE DR.  
RALEIGH, NC 27610

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



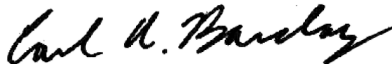
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

November 15, 2017

NOTICE TO: All Prequalified Contractors

FROM: Carl Barclay, PE   
State Utilities Manager

SUBJECT: Design and Certification of Trenchless Installations (all methods)

Through the AGC/NCDOT Roadway Subcommittee, it has been determined there is little consistency with the enforcement of this requirement. This has resulted in some Contractors not accounting for this expense in their bid. In an effort to improve consistency and fairness among bidders, the Department will enforce this longstanding requirement of the North Carolina Board of Examiners for Engineers and Land Surveyors and NC GS Chapter 89C.

Effective with the January 2018 letting, there will be a renewed effort of enforcement of Articles 1550-1 and 1550-3(B) of the *Standard Specifications for Roads and Structures*, Section 1550-1 requires:

An engineer licensed by the State of North Carolina shall design the method and certify the work will not damage the roadway above or endanger the roadway user.

Article 1550-3(B) requires:

Before construction, provide detailed plans for the method of installation certified by an engineer licensed by the State of North Carolina. Provide certified calculations demonstrating the method of installation as safe and of minimal risk. Provide certified calculations of the structural adequacy of all materials. The design shall meet AASHTO LRFD Bridge Design Specifications. An engineer licensed by the State of North Carolina shall certify changes or modifications to the designed method as needed for actual field conditions.

If you have any questions, please do not hesitate to contact me at [cbarclay@ncdot.gov](mailto:cbarclay@ncdot.gov) or (919) 707-6982.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
UTILITIES UNIT  
1555 MAIL SERVICE CENTER  
RALEIGH NC 27699-1555

TELEPHONE: 919-707-6690  
FAX: 919-250-4151  
CUSTOMER SERVICE: 1-877-368-4968  
  
WEBSITE: [WWW.NCDOT.GOV](http://WWW.NCDOT.GOV)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

**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 MARCH 19, 2019. 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 6.75% 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 FEBRUARY 19, 2019.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

## **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	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	R. Preston Hunter, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Ronald L Keeter, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Brandon H Jones, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	J. Scott Cole, 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	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Brian C Burch, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L190319

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C204310	47256.3.2	DARE	0.000 MI	2 SUPPORT TUGS W/A FRAME, 2 SUPPORT TUGS, AND 2 DECK BARGES.
002	C204177	34360.3.4	CARTERET, CRAVEN	10.353 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
003	C204318	44848.3.16	BEAUFORT, CARTERET, CRAVEN, PITT, JONES, LENOIR, PAMLICO, GREENE	22.650 MI	POLYUREA PAVEMENT MARKINGS.
004	C204316	17BP.5.C.03	GRANVILLE	0.036 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
005	C204317	17BP.5.R.82	GRANVILLE	0.133 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
006	C204281	2020CPT.05.10.10351.1 ETC.	FRANKLIN, WAKE	25.601 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
007	C204298	5B.203514.4 ETC.	FRANKLIN, GRANVILLE, WARREN	0.126 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
008	C204321	50138.3.235	FRANKLIN, WAKE, DURHAM, GRANVILLE	1.700 MI	GUARDRAIL END UNIT REPLACEMENT.
009	C204295	54034.3.1	GUILFORD	1.018 MI	GRADING, PAVING, AND DRAINAGE.
010	C204238	15BPR.36	CHATHAM	0.200 MI	BRIDGE PRESERVATION.
011	C204328	2019CPT.08.08.10631 ETC.	MOORE	32.000 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
012	C204327	2019CPT.08.09.10761 ETC.	RANDOLPH	68.105 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
013	C204322	2020CPT.10.02.10131 ETC.	CABARRUS	20.118 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
014	C204313	2020CPT.10.08.10901 ETC.	UNION	29.860 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
015	C204320	2020CPT.10.10.20901.1 ETC.	UNION	17.077 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
016	C204180	39899.3.1	YADKIN	0.194 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
017	C204403	2019CPT.12.05.10181 ETC.	CATAWBA	40.289 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

**Bid Letting Number** L190416

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C204123	41582.3.1	BRUNSWICK	7.244 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.



STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 001

CONTRACT ID : C204310 47256.3.2

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : DARE

2 SUPPORT TUGS W/A FRAME, 2 SUPPORT TUGS, AND 2 DECK BARGES.

DBE GOAL % COMPLETION DATE : MAR 24 2020

MANN'S HARBOR IN DARE COUNTY.

ROADWAY ITEMS

Lump Sum	LS	GENERIC FERRY ITEM TWO 25'-6" SUPPORT TUGS
Lump Sum	LS	GENERIC FERRY ITEM TWO 40'-0" DECK BARGES
Lump Sum	LS	GENERIC FERRY ITEM TWO 45'-6" SUPPORT TUGS WITH AFRAME

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

L190319 002

CONTRACT ID : C204177 34360.3.4

DIV OFFICE GREENVILLE

LENGTH = 10.353 MI

COUNTY : CARTERET, CRAVEN

GRADING, DRAINAGE, PAVING, SIGNALS &amp; STRUCTURES.

DBE GOAL 9.0% COMPLETION DATE : APR 01 2024

US-70 (HAVELOCK BYPASS) FROM NORTH OF PINE GROVE TO NORTH OF CARTERET COUNTY LINE.

ROADWAY ITEMS				
		116	LF	*** SIDE DRAIN PIPE (60")
		76	LF	*** SIDE DRAIN PIPE (84")
Lump Sum	LS			524 LF 15" SIDE DRAIN PIPE
Lump Sum	LS			980 LF 18" SIDE DRAIN PIPE
Lump Sum	LS			272 LF 24" SIDE DRAIN PIPE
Lump Sum	LS			548 LF *** RC PIPE CULVERTS, CLASS ***** (15", V)
Lump Sum	LS			400 LF *** RC PIPE CULVERTS, CLASS ***** (18", V)
Lump Sum	LS			416 LF *** RC PIPE CULVERTS, CLASS ***** (24", V)
Lump Sum	LS			548 LF *** RC PIPE CULVERTS, CLASS ***** (30", V)
Lump Sum	LS			3,064 LF *** RC PIPE CULVERTS, CLASS ***** (36", V)
Lump Sum	LS			388 LF *** RC PIPE CULVERTS, CLASS ***** (42", V)
Lump Sum	LS			664 LF *** RC PIPE CULVERTS, CLASS ***** (72", V)
Lump Sum	LS			728 LF *** RC PIPE CULVERTS, CLASS ***** (84", V)
Lump Sum	LS			3,580 LF 15" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			1,664 LF 18" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			684 LF 24" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			732 LF 30" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			1,436 LF 36" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			628 LF 42" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			192 LF 48" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			92 LF 60" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			404 LF 72" RC PIPE CULVERTS, CLASS III
Lump Sum	LS			720 LF *** RC PIPE CULVERTS, CLASS IV (48")
Lump Sum	LS			932 LF *** RC PIPE CULVERTS, CLASS IV (72")
96,000	CY			388 LF *** RC PIPE CULVERTS, CLASS IV (84")
5	ACR			10,972 LF 15" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS			2,460 LF 18" RC PIPE CULVERTS, CLASS IV
5,793,000	CY			580 LF 24" RC PIPE CULVERTS, CLASS IV
2	EA			388 LF 30" RC PIPE CULVERTS, CLASS IV
9,730	CY			8,212 LF 36" RC PIPE CULVERTS, CLASS IV
150,000	CY			396 LF 42" RC PIPE CULVERTS, CLASS IV
72,500	SY			5,464 LF *** CAA PIPE CULVERTS, ***** THICK (15", 0.064")
1,341.2	SF			694 LF *** CAA PIPE CULVERTS, ***** THICK (18", 0.064")
6,000	SY			76 LF *** CAA PIPE CULVERTS, ***** THICK (24", 0.064")
100	TON			150 EA *** CAA PIPE ELBOWS, ***** THICK (15", 0.064")
5,260	TON			30 EA *** CAA PIPE ELBOWS, ***** THICK (18", 0.064")
16,520	SY			4 EA *** CAA PIPE ELBOWS, ***** THICK (24", 0.064")
88	LF			3,991 LF PIPE REMOVAL
52	LF			

			47,250	LF	CABLE GUIDERAIL
			18	EA	ADDITIONAL GUIDERAIL POSTS
			36	EA	CABLE GUIDERAIL ANCHOR UNITS
			108,660	LF	WOVEN WIRE FENCE, 47" FABRIC
			6,920	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			1,550	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			14	EA	GENERIC FENCING ITEM
			2,020	TON	16' USFS WELDED PIPE GATES
			900	TON	RIP RAP, CLASS I
			9,800	SY	RIP RAP, CLASS B
			16	CY	GEOTEXTILE FOR DRAINAGE
			4	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			148	CY	PLAIN CONCRETE SIGN FOUNDATIONS
			14,533	LB	OVERHEAD FOOTING
			7,946	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			306	LF	SUPPORTS, SIMPLE STEEL BEAM
			4,474	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			Lump Sum	LS	SUPPORTS, WOOD
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (22+05 -RP1AB-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (42+00 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (504+50 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (544+00 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (57+15 -RP2AC-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (58+50 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (76+00 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (89+84 -L-)
			12	EA	SIGN ERECTION, TYPE D
			125	EA	SIGN ERECTION, TYPE E
			27	EA	SIGN ERECTION, TYPE F
			14	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
			7	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
			29	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			22	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
			22	EA	SIGN ERECTION, MILEMARKERS
			3	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
			8	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
			8	EA	DISPOSAL OF SUPPORT, WOOD
			56	EA	DISPOSAL OF SIGN SYSTEM, WOOD
			752	SF	WORK ZONE SIGNS (STATIONARY)
			832	SF	WORK ZONE SIGNS (PORTABLE)
			384	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			6	EA	FLASHING ARROW BOARD
			4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			860	EA	DRUMS
			208	LF	BARRICADES (TYPE III)
			60	DAY	FLAGGER
			3	EA	TEMPORARY CRASH CUSHIONS
			1	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
			4	EA	TMA
			5,220	LF	PORTABLE CONCRETE BARRIER
			610	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER
			40	HR	LAW ENFORCEMENT
			500	EA	SKINNY DRUM
			400	EA	TEMPORARY RAISED PAVEMENT MARKERS
			20,359	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			24,986	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3	EA	PIPE CLEAN OUT			
250	SY	6" SLOPE PROTECTION			
400	TON	#57 STONE			
1,000	CY	SHALLOW UNDERCUT			
2,550	TON	CLASS IV SUBGRADE STABILIZATION			
50,600	TON	CLASS IV AGGREGATE STABILIZATION			
272,400	TON	AGGREGATE BASE COURSE			
2,500	TON	INCIDENTAL STONE BASE			
14,290	GAL	PRIME COAT			
1,500	SY	INCIDENTAL MILLING			
53,560	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
156,730	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
28,470	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
109,310	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
18,400	TON	ASPHALT BINDER FOR PLANT MIX			
1,300	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
215,500	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
97	EA	RIGHT-OF-WAY MARKERS			
147	EA	CONTROL-OF-ACCESS MARKERS			
1,434	CY	SUBDRAIN EXCAVATION			
6,400	SY	GEOTEXTILE FOR SUBSURFACE DRAINS			
1,075	CY	SUBDRAIN COARSE AGGREGATE			
6,400	LF	6" PERFORATED SUBDRAIN PIPE			
13	EA	SUBDRAIN PIPE OUTLET			
78	LF	6" OUTLET PIPE			
134.3	CY	ENDWALLS			
101.1	CY	REINFORCED ENDWALLS			
331	EA	MASONRY DRAINAGE STRUCTURES			
9.2	CY	MASONRY DRAINAGE STRUCTURES			
60.1	LF	MASONRY DRAINAGE STRUCTURES			
13	EA	FRAME WITH TWO GRATES, STD 840.16			
137	EA	FRAME WITH TWO GRATES, STD 840.20			
133	EA	FRAME WITH TWO GRATES, STD 840.22			
11	EA	FRAME WITH TWO GRATES, STD 840.24			
31	EA	FRAME WITH TWO GRATES, STD 840.29			
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
2	EA	FRAME WITH COVER, STD 840.54			
9	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET			
3,760	LF	1'-6" CONCRETE CURB & GUTTER			
1,780	LF	2'-6" CONCRETE CURB & GUTTER			
29,970	LF	SHOULDER BERM GUTTER			
2,400	LF	CONCRETE EXPRESSWAY GUTTER			
100	SY	4" CONCRETE SIDEWALK			
40	SY	6" CONCRETE DRIVEWAY			
50	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
1,239	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
426	LF	GENERIC PAVING ITEM			
		MEDIAN HAZARD PROTECTION			
3	EA	ADJUSTMENT OF DROP INLETS			
8	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3			
50,425	LF	STEEL BEAM GUARDRAIL			
22	EA	GUARDRAIL END UNITS, TYPE CAT-1			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
53	EA	GUARDRAIL END UNITS, TYPE TL-3			
2	EA	GUARDRAIL END UNITS, TYPE TL-2			
63	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
640	LF	REMOVE EXISTING GUARDRAIL			
888	LF	TEMPORARY STEEL BEAM GUARDRAIL			
4	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)			

			4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
			14,550	LF	MESSENGER CABLE (1/4")
			1,360	LF	MESSENGER CABLE (3/8")
258,306	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	26,630	LF	TRACER WIRE
35,807	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	2,550	LF	UNPAVED TRENCHING (*****) (1, 2")
249	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	13,560	LF	UNPAVED TRENCHING (*****) (2, 2")
465	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	270	LF	UNPAVED TRENCHING (*****) (3, 2")
9,926	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	30	LF	UNPAVED TRENCHING (*****) (4, 2")
3,507	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	10	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
609	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	900	LF	DIRECTIONAL DRILL (*****) (1, 2")
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	860	LF	DIRECTIONAL DRILL (*****) (1, 6")
100	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	5,960	LF	DIRECTIONAL DRILL (*****) (2, 2")
51,288	LF	PAINT PAVEMENT MARKING LINES (4")	50	LF	DIRECTIONAL DRILL (*****) (3, 2")
147,366	LF	PAINT PAVEMENT MARKING LINES (6")	42	EA	JUNCTION BOX (STANDARD SIZE)
208	LF	PAINT PAVEMENT MARKING LINES (24")	61	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
10	EA	PAINT PAVEMENT MARKING SYMBOL	35	EA	GUY ASSEMBLY
2,334	LF	POLYUREA PAVEMENT MARKING LINES (4", 30 MILS)	1	EA	1/2" RISER WITH WEATHERHEAD
18,160	LF	POLYUREA PAVEMENT MARKING LINES (6", 30 MILS)	14	EA	2" RISER WITH WEATHERHEAD
819	LF	POLYUREA PAVEMENT MARKING LINES (12", 30 MILS)	22	EA	HEAT SHRINK TUBING RETROFIT KIT
80	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	16	EA	2" RISER WITH HEAT SHRINK TUBING
2,500	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	1,850	LF	INDUCTIVE LOOP SAWCUT
20	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	6,620	LF	LEAD-IN CABLE (*****) (14-2)
147	EA	PERMANENT RAISED PAVEMENT MARKERS	72,940	LF	COMMUNICATIONS CABLE (**FIBER) (24)
2,693	EA	SNOWPLOWABLE PAVEMENT MARKERS	10,000	LF	DROP CABLE
503,715	LF	TEMPORARY SILT FENCE	23	EA	SPLICE ENCLOSURE
660	TON	STONE FOR EROSION CONTROL, CLASS A	1	EA	MODIFY SPLICE ENCLOSURE
32,100	TON	STONE FOR EROSION CONTROL, CLASS B	31	EA	INTERCONNECT CENTER
23,000	TON	SEDIMENT CONTROL STONE	23	EA	DELINEATOR MARKER
560.5	ACR	TEMPORARY MULCHING	5,190	LF	REMOVE EXISTING COMMUNICATIONS CABLE
25,500	LB	SEED FOR TEMPORARY SEEDING	12	EA	METAL STRAIN SIGNAL POLE
128.5	TON	FERTILIZER FOR TEMPORARY SEEDING	20	EA	SOIL TEST
55,000	LF	TEMPORARY SLOPE DRAINS	72	CY	DRILLED PIER FOUNDATION
70,000	LF	SAFETY FENCE	15	EA	SIGN FOR SIGNALS
65,100	CY	SILT EXCAVATION	3	EA	SIGNAL CABINET FOUNDATION
79,000	SY	MATting FOR EROSION CONTROL	17	EA	CONTROLLERS WITH CABINET (*****) (2070E)
700	SY	COIR FIBER MAT	3	EA	CABINET BASE EXTENDER
10,550	SY	PERMANENT SOIL REINFORCEMENT MAT	4	EA	METAL POLE FOUNDATION REMOVAL
14,200	LF	1/4" HARDWARE CLOTH	4	EA	METAL POLE REMOVAL
1,300	SY	LOW PERMEABILITY GEOTEXTILE	7	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
600	LF	TEMPORARY PIPE FOR STREAM CROSSING	2	EA	GENERIC SIGNAL ITEM CCTV CAMERA EXTENSION POLE
700	CY	STILLING BASINS	5	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
26	EA	SPECIAL STILLING BASINS	3	EA	GENERIC SIGNAL ITEM CONTROLLER (TYPE 2070E)
78,000	LF	COIR FIBER WATTLE	136	EA	GENERIC SIGNAL ITEM DETECTOR CARD (TYPE 2070E)
36,350	LB	POLYACRYLAMIDE (PAM)	2	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER
20,000	LF	COIR FIBER BAFFLE	2	EA	GENERIC SIGNAL ITEM DMS TYPE A
53	EA	*** SKIMMER (1-1/2")	2	EA	GENERIC SIGNAL ITEM DMS TYPE A STRUCTURE
4	EA	*** SKIMMER (2")	6	EA	GENERIC SIGNAL ITEM DMS TYPE B
753	ACR	SEEDING & MULCHING	6	EA	GENERIC SIGNAL ITEM DMS TYPE B STRUCTURE
702	ACR	MOWING	12	EA	GENERIC SIGNAL ITEM ELECTRICAL SERVICE FOR ITS DEVICE
5,400	LB	SEED FOR REPAIR SEEDING	20	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
30	TON	FERTILIZER FOR REPAIR SEEDING	6	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
18,675	LB	SEED FOR SUPPLEMENTAL SEEDING	7	EA	GENERIC SIGNAL ITEM FURNISH CCTV CAMERA ASSEMBLY
560.15	TON	FERTILIZER TOPDRESSING	37	EA	GENERIC SIGNAL ITEM JUNCTION BOX MARKER
1,275	LF	IMPERVIOUS DIKE	9	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM-MULTIPLE ZONES
450	MHR	SPECIALIZED HAND MOWING	2	EA	GENERIC SIGNAL ITEM WOOD PEDESTAL
100	EA	RESPONSE FOR EROSION CONTROL	48	CY	GENERIC SIGNAL ITEM DMS FOUNDATION
12	EA	CONCRETE WASHOUT STRUCTURE			
3,132	CY	CULVERT DIVERSION CHANNEL			
0.1	ACR	REFORESTATION			
445,000	SY	GENERIC EROSION CONTROL ITEM NATURAL FIBER MATTING			
5,950	LF	SIGNAL CABLE			
33	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			

				38	EA	PDA TESTING
				340,594	SF	REINFORCED CONCRETE DECK SLAB
				308,222	SF	GROOVING BRIDGE FLOORS
6.3	ACR	GENERIC MISCELLANEOUS ITEM CLEARING ACCESS FOR DUKE		1,140.6	CY	CLASS AA CONCRETE (BRIDGE)
14.31	ACR	GENERIC MISCELLANEOUS ITEM SPECIALIZED CLEARING		4,001.5	CY	CLASS A CONCRETE (BRIDGE)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (11+76.30-RP1AB-LT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (11+76.30-RP1AB-RT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (138+31.09-L-LT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (138+31.09-L-RT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (177+67.00-L-LT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (177+67.00-L-RT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (227+57.02-L-LT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (227+57.02-L-RT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (287+62.50-L-LT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (287+62.50-L-RT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (44+71.82-Y4-)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (506+32.25-L-LT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (506+32.25-L-RT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (516+87.37-L-LT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (516+87.37-L-RT)
			Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (52+32.96-Y3-)
			605,741	LB	REINFORCING STEEL (BRIDGE)	
			184,196	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)	
			47,027	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	
			8,099.63	LF	54" PRESTRESSED CONCRETE GIR- DERS	
			1,892.44	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS	
			92	EA	PILE DRIVING EQUIPMENT SETUP FOR *** PRESTRESSED CONCRETE PILES (12")	
			84	EA	PILE DRIVING EQUIPMENT SETUP FOR *** PRESTRESSED CONCRETE PILES (20")	
			575	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP12X53)	
			28	EA	PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP14X0.50)	
			5,020	LF	12" PRESTRESSED CONCRETE PILES	
			4,760	LF	20" PRESTRESSED CONCRETE PILES	
			43,865	LF	HP12X53 STEEL PILES	
			2,510	LF	PP ** X *** GALVANIZED STEEL PILES (14X0.50)	
			34	EA	STEEL PILE POINTS	
			28	EA	PIPE PILE PLATES	
			274	LF	PREDRILLING FOR PILES	
			801	EA	PILE REDRIVES	
			712.59	LF	TWO BAR METAL RAIL	
			15,087.36	LF	CONCRETE BARRIER RAIL	
			744.24	LF	1'-**"X ***" CONCRETE PARA- PET (1'-2" X 2'-6")	
			12,882.3	SY	4" SLOPE PROTECTION	
			1,883	TON	RIP RAP CLASS II (2'-0" THICK)	
			2,128	SY	GEOTEXTILE FOR DRAINAGE	
			Lump Sum	LS	ELASTOMERIC BEARINGS	
			Lump Sum	LS	EXPANSION JOINT SEALS	

**CULVERT ITEMS**

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (44+89.00-RP2AC-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (509+41.00-L-)
1,025	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
2,346.4	CY	CLASS A CONCRETE (CULVERT)
206,812	LB	REINFORCING STEEL (BRIDGE)

**WALL ITEMS**

8,200	SF	MSE RETAINING WALL NO **** (1)
4,600	SF	MSE RETAINING WALL NO **** (2)
6,400	SF	MSE RETAINING WALL NO **** (3)
5,400	SF	MSE RETAINING WALL NO **** (4)

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (177+67.00-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (287+62.50-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 138+31.09-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 138+31.09-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 227+57.02-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 227+57.02-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 44+71.82-Y4-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 506+32.25-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 506+32.25-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 52+32.96-Y3-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 138+31.09-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 138+31.09-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 227+57.02-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 227+57.02-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 506+32.25-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 506+32.25-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 138+31.09-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 138+31.09-L-RT)

34,740	LF	GENERIC STRUCTURE ITEM HP14X73 METALLIZED STEEL PILES
28,382.49	LF	GENERIC STRUCTURE ITEM MODIFIED 74" PRESTRESSED CONCRETE GIRDERS
396	EA	GENERIC STRUCTURE ITEM PILE DRIVING EQUIPMENT SETUP FOR HP14X73 METALIZED STEEL PILES

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

**L190319 003**

**CONTRACT ID : C204318 44848.3.16**

**DIV OFFICE GREENVILLE**

**LENGTH = 722.650 MI**

**COUNTY : BEAUFORT, CARTERET, CRAVEN, PITT, JONES, LENOIR, PAMLICO, GREENE**

**POLYUREA PAVEMENT MARKINGS.**

**DBE GOAL % COMPLETION DATE : JUN 30 2020**

**128 SECONDARY ROADS.**

**ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
12,277,711	LF	POLYUREA PAVEMENT MARKING LINES (4", 30 MILS)
267,494	LF	POLYUREA PAVEMENT MARKING LINES (6", 30 MILS)
12,545,205	LF	REMOVAL OF PAVEMENT MARKING LINES (4")

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 004

CONTRACT ID : C204316 17BP.5.C.03

DIV OFFICE DURHAM

LENGTH = 0.036 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 6.0% COMPLETION DATE : MAR 13 2020

PIPE #34 AT WEST PRONG CREEK ON SR-1716 (GRAHAM SHERRON RD).

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
519	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
160	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
20	TON	ASPHALT BINDER FOR PLANT MIX
325	LF	STEEL BEAM GUARDRAIL
23	EA	EXTRA LENGTH GUARDRAIL POST (**" STEEL) (7)
4	EA	GUARDRAIL END UNITS, TYPE TL-3
90	TON	RIP RAP, CLASS I
120	TON	RIP RAP, CLASS II
550	SY	GEOTEXTILE FOR DRAINAGE
405	SF	WORK ZONE SIGNS (STATIONARY)
82	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
6	EA	DRUMS
64	LF	BARRICADES (TYPE III)
3,200	LF	PAINT PAVEMENT MARKING LINES (4")
835	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
5	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
10	CY	SILT EXCAVATION
5,625	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
105	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
76	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
7	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
0.16	ACR	REFORESTATION

## CULVERT ITEMS

78	LF	*** X *** CAA STRUCTURAL PLATE PIPE ARCH, ***** THICK (12'-4" X 7'-9", 0.150")
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+01.00 -L-)
17.2	CY	CLASS A CONCRETE (CULVERT)
2,456	LB	REINFORCING STEEL (CULVERT)



STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 005

CONTRACT ID : C204317 17BP.5.R.82

DIV OFFICE DURHAM

LENGTH = 0.133 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : MAY 13 2020

BRIDGE #40 OVER TABB'S CREEK ON US-158 (WILLIAMSBORO RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (14+14 -L-)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING
	150	CY UNDERCUT EXCAVATION
	210	CY DRAINAGE DITCH EXCAVATION
	150	CY SELECT GRANULAR MATERIAL
	450	SY GEOTEXTILE FOR SOIL STABILIZATION
	5	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	10	SY FOUNDATION CONDITIONING GEOTEXTILE
	16	LF 15" DRAINAGE PIPE
	24	LF PIPE REMOVAL
	25	TON INCIDENTAL STONE BASE
	520	TON ASPHALT CONC BASE COURSE, TYPE B25.0C
	405	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
	295	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C
	60	TON ASPHALT BINDER FOR PLANT MIX
	1	EA MASONRY DRAINAGE STRUCTURES
	1	EA FRAME WITH TWO GRATES, STD 840.29
	15	LF SHOULDER BERM GUTTER
	350	LF STEEL BEAM GUARDRAIL
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL END UNITS, TYPE TL-3
	4	EA GUARDRAIL ANCHOR UNITS, TYPE B-77
	85	TON RIP RAP, CLASS II
	237	TON RIP RAP, CLASS B
	957	SY GEOTEXTILE FOR DRAINAGE
	743	SF WORK ZONE SIGNS (STATIONARY)
	256	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	84	DAY PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
	200	LF BARRICADES (TYPE III)
	1,200	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	1,200	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	8	EA SNOWPLOWABLE PAVEMENT MARKERS
	740	LF TEMPORARY SILT FENCE
	75	TON STONE FOR EROSION CONTROL, CLASS A
	235	TON STONE FOR EROSION CONTROL, CLASS B
	65	TON SEDIMENT CONTROL STONE
	0.5	ACR TEMPORARY MULCHING
	100	LB SEED FOR TEMPORARY SEEDING
	0.5	TON FERTILIZER FOR TEMPORARY SEEDING
	200	LF TEMPORARY SLOPE DRAINS
	200	LF SAFETY FENCE
	160	CY SILT EXCAVATION
	6,320	SY MATTING FOR EROSION CONTROL
	100	SY COIR FIBER MAT
	100	LF 1/4" HARDWARE CLOTH
	150	SY FLOATING TURBIDITY CURTAIN
	100	LF COIR FIBER WATTLE
	50	LB POLYACRYLAMIDE (PAM)
	0.5	ACR SEEDING & MULCHING
	0.5	ACR MOWING
	50	LB SEED FOR REPAIR SEEDING
	0.25	TON FERTILIZER FOR REPAIR SEEDING
	50	LB SEED FOR SUPPLEMENTAL SEEDING
	0.25	TON FERTILIZER TOPDRESSING

240	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
13	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+14.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+14.00 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
	50	LF PILE EXCAVATION IN SOIL
	20	LF PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+14.00 -L-)
	3,725	SF REINFORCED CONCRETE DECK SLAB
	4,536	SF GROOVING BRIDGE FLOORS
	73.5	CY CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+14.00 -L-)
	11,596	LB REINFORCING STEEL (BRIDGE)
	391	LF 54" PRESTRESSED CONCRETE GIRDER
	14	EA PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
	210	LF HP12X53 STEEL PILES
	7	EA STEEL PILE POINTS
	196.7	LF CONCRETE BARRIER RAIL
	255	TON RIP RAP CLASS II (2'-0" THICK)
	285	SY GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 006

CONTRACT ID : C204281 2020CPT.05.10.10351.1 DIV OFFICE DURHAM

LENGTH = 25.601 MI

COUNTY : FRANKLIN, WAKE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2020

2 SECTION OF NC-98 AND 54 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS				
			56	EA PAINT PAVEMENT MARKING CHARAC- TER
			198	EA PAINT PAVEMENT MARKING SYMBOL
			741	LF REMOVAL OF PAVEMENT MARKING LINES (4")
			966	EA SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS			PORTABLE LIGHTING
1,692	CY	MOBILIZATION		
1,723	SY	BORROW EXCAVATION		
		REMOVAL OF EXISTING CONCRETE PAVEMENT SLABS		
1,722.9	SY	GEOTEXTILE FOR SOIL STABILIZA- TION		
41.68	SMI	GENERIC GRADING ITEM SHOULDER GRADING		
566	CY	SHALLOW UNDERCUT		
1,137	TON	CLASS IV SUBGRADE STABILIZA- TION		
1,071	TON	INCIDENTAL STONE BASE		
949	TON	AGGREGATE SHOULDER BORROW		
228,432	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")		
75,702	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/4")		
1,376	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 1-1/2")		
6,657	SY	INCIDENTAL MILLING		
950	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
290	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
36,299	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
454	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		
2,522	TON	ASPHALT BINDER FOR PLANT MIX		
4,692	TON	PATCHING EXISTING PAVEMENT		
4	SY	GENERIC PAVING ITEM PATCHING CONCRETE PAVEMENT SPALLS		
47	LF	GENERIC PAVING ITEM REMOVE & REPLACE 2' - 6" CURB & GUTTER		
2,965	LB	GENERIC PAVING ITEM HOT POURED RUBBER ASPHALT JOINT SEALER, TYPE I		
1	EA	ADJUSTMENT OF DROP INLETS		
17	EA	ADJUSTMENT OF MANHOLES		
46	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		
3,049	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING		
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL		
160	HR	LAW ENFORCEMENT		
115,007	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)		
152,289	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)		
2,937	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)		
2,197	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)		
638	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)		
3,373	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)		
64	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)		
262	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)		
6	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)		
741	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)		
165,646	LF	PAINT PAVEMENT MARKING LINES (4")		
2,944	LF	PAINT PAVEMENT MARKING LINES (8")		
1,459	LF	PAINT PAVEMENT MARKING LINES (24")		

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 007

CONTRACT ID : C204298 5B.203514.4

DIV OFFICE DURHAM

LENGTH = 0.126 MI

COUNTY : FRANKLIN, GRANVILLE, WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : APR 01 2020

SR-1600 (EAST RIVER RD), SR-1623 (PHILO WHITE RD), SR-1219 (ELLINGTON RD), AND SR-1107 (RIDGWAY-WARRENTON RD).

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
0.4	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
Lump Sum	LS	GRADING
Lump Sum	LS	GENERIC GRADING ITEM INSTALLATION OF STATE SUPPLIED PIPE
972	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS II (TYPE I)
9,327	TON	SELECT MATERIAL, CLASS ***** (III)
40	TON	INCIDENTAL STONE BASE
911	SY	INCIDENTAL MILLING
183	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
78	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
20	TON	ASPHALT BINDER FOR PLANT MIX
45	CY	REINFORCED ENDWALLS
342	TON	RIP RAP, CLASS II
1,272	SY	GEOTEXTILE FOR DRAINAGE
1,437	SF	WORK ZONE SIGNS (STATIONARY)
451	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
368	LF	BARRICADES (TYPE III)
1,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
80	LF	6" WATER LINE
2	EA	6" VALVE
80	LF	ABANDON 6" UTILITY PIPE
580	LF	TEMPORARY SILT FENCE
20	TON	STONE FOR EROSION CONTROL, CLASS B
10	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
400	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEED- ING
40	CY	SILT EXCAVATION
2,228	SY	MATTING FOR EROSION CONTROL
200	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
2	ACR	SEEDING & MULCHING
200	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
271	LF	IMPERVIOUS DIKE

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

**L190319 008**

**CONTRACT ID : C204321 50138.3.235 DIV OFFICE DURHAM**

**LENGTH = 1.700 MI**

**COUNTY : FRANKLIN, WAKE, DURHAM, GRANVILLE**

**GUARDRAIL END UNIT REPLACEMENT.**

**DBE GOAL % COMPLETION DATE : NOV 01 2019**

**I-85, I-440, I-495, I-540, US-1, US-15/501, US-501, US-64, AND NC-147.**

**ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
175	EA	GUARDRAIL END UNITS, TYPE TL-3
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L190319 009

CONTRACT ID : C204295 54034.3.1

DIV OFFICE GREENSBORO

LENGTH = 1.018 MI

COUNTY : GUILFORD

GRADING, PAVING, AND DRAINAGE.

DBE GOAL 8.0% COMPLETION DATE : APR 12 2020

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	MOBILIZATION	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+86-Y1RP-)
Lump Sum	LS	GRADING	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+61-Y2-)
450	CY	UNDERCUT EXCAVATION	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (49+43-Y2-)
400	CY	SELECT GRANULAR MATERIAL	11	EA	SIGN ERECTION, TYPE E
700	SY	GEOTEXTILE FOR SOIL STABILIZATION	3	EA	SIGN ERECTION, TYPE F
600	SF	TEMPORARY SHORING	13	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	7	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
20	SY	FOUNDATION CONDITIONING GEOTEXTILE	3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
24	LF	15" RC PIPE CULVERTS, CLASS IV	7	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
8	LF	18" RC PIPE CULVERTS, CLASS IV	2	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
8	LF	24" RC PIPE CULVERTS, CLASS IV	6	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
100	CY	SHALLOW UNDERCUT	11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
200	TON	CLASS IV SUBGRADE STABILIZATION	15	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
23,030	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	1	EA	DISPOSAL OF SIGN, D, E OR F
3,630	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	3	EA	DISPOSAL OF SIGN, OVERLAY (OVERHEAD)
1,260	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1	EA	DISPOSAL OF LIGHTING SYSTEM
5,620	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	4	EA	DISPOSAL OF WALKWAY
225	TON	ASPHALT BINDER FOR PLANT MIX	4	EA	GENERIC SIGNING ITEM
390	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	4	EA	CUTTING OF SIGN HANGERS, OVERHEAD
1,110	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	192	SF	WORK ZONE SIGNS (STATIONARY)
16,095	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	291	SF	WORK ZONE SIGNS (PORTABLE)
67.2	CY	SUBDRAIN EXCAVATION	2	EA	FLASHING ARROW BOARD
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
33.6	CY	SUBDRAIN COARSE AGGREGATE	160	EA	DRUMS
200	LF	6" PERFORATED SUBDRAIN PIPE	37	EA	SEQUENTIAL FLASHING WARNING LIGHTS
1	EA	SUBDRAIN PIPE OUTLET	4	EA	TEMPORARY CRASH CUSHIONS
6	LF	6" OUTLET PIPE	4	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
0.553	CY	PIPE COLLARS	2	EA	TMA
6	EA	MASONRY DRAINAGE STRUCTURES	4,520	LF	PORTABLE CONCRETE BARRIER
2.2	LF	MASONRY DRAINAGE STRUCTURES	3,250	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER
2	EA	FRAME WITH TWO GRATES, STD 840.22	70	HR	LAW ENFORCEMENT
1	EA	FRAME WITH COVER, STD 840.54	335	EA	TEMPORARY RAISED PAVEMENT MARKERS
9	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
780	LF	CONCRETE EXPRESSWAY GUTTER	26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
950	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	14	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
5	EA	ADJUSTMENT OF DROP INLETS	32,986	LF	PAINT PAVEMENT MARKING LINES (6")
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	7,380	LF	PAINT PAVEMENT MARKING LINES (12")
1,087.5	LF	STEEL BEAM GUARDRAIL	17,545	LF	POLYUREA PAVEMENT MARKING LINES (6", 30 MILS)
5	EA	ADDITIONAL GUARDRAIL POSTS	4,736	LF	POLYUREA PAVEMENT MARKING LINES (12", 30 MILS)
2	EA	GUARDRAIL END UNITS, TYPE CAT-1	8,262	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
3	EA	GUARDRAIL END UNITS, TYPE TL-3	1,815	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
3	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1,310	LF	REMOVE EXISTING GUARDRAIL	8	EA	PERMANENT RAISED PAVEMENT MARKERS
3	TON	RIP RAP, CLASS B	445	EA	SNOWBLOWABLE PAVEMENT MARKERS
685	SY	GEOTEXTILE FOR DRAINAGE	Lump Sum	LS	PORTABLE LIGHTING
1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	4,275	LF	TEMPORARY SILT FENCE
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-)			

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

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 010

CONTRACT ID : C204238 15BPR.36

DIV OFFICE ABERDEEN

LENGTH = 0.200 MI

COUNTY : CHATHAM

BRIDGE PRESERVATION.

DBE GOAL % COMPLETION DATE : SEP 01 2020

US-64 EB OVER JORDAN LAKE STRUCTURE #180058, AND US-64 WB OVER JORDAN LAKE STRUCTURE #180059.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
812	SY	INCIDENTAL MILLING
70	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4	TON	ASPHALT BINDER FOR PLANT MIX
528	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
66	EA	DRUMS
8	DAY	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
2	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
2	EA	TMA
1,500	LF	PORTABLE CONCRETE BARRIER
1,500	LF	REMOVE & RESET PORTABLE CONC- RETE BARRIER
1,700	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
7,800	LF	PAINT PAVEMENT MARKING LINES (4")
5,350	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
5,700	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
30	EA	SNOWPLOWABLE PAVEMENT MARKERS

## STRUCTURE ITEMS

30,588	SF	GROOVING BRIDGE FLOORS
147.8	SY	CLASS II, SURFACE PREPARATION
6	SY	CLASS III, SURFACE PREPARATION
191.8	CY	LATEX MODIFIED CONC OVERLAY
3,692	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
26.1	CF	CONCRETE REPAIRS
216.8	CF	SHOTCRETE REPAIRS
2,058.5	LF	EPOXY RESIN INJECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM REPAIR OF EXISTING DECK DRAINS
Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
400	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVA- TION
30	CF	GENERIC STRUCTURE ITEM CONCRETE FOR DECK REPAIR
100	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRE- SERVATION
2.8	CF	GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CON- CRETE GIRDERS
400	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
2,898	SF	GENERIC STRUCTURE ITEM EPOXY COATING
3,692	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
3,692	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
3	EA	GENERIC STRUCTURE ITEM TYPE I JACKING FOR BRIDGE #180058
9	EA	GENERIC STRUCTURE ITEM TYPE I JACKING FOR BRIDGE #180059

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 011

CONTRACT ID : C204328 2019CPT.08.08.10631 DIV OFFICE ABERDEEN  
 COUNTY : MOORE

LENGTH = 32.000 MI

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.0% COMPLETION DATE : JUN 30 2020

4 SECTIONS OF US-15/501, 2 SECTIONS OF NC-22 AND NC-5, 1 SECTION OF NC-705, AND 6 SECTIONS OF  
 SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
66.92	SMI	SHOULDER RECONSTRUCTION
9.376	TON	AGGREGATE SHOULDER BORROW
105.492	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
50.410	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (1-1/2" TO 2")
6.850	SY	INCIDENTAL MILLING
56.545	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3.789	TON	ASPHALT BINDER FOR PLANT MIX
7.670	TON	PATCHING EXISTING PAVEMENT
26	EA	ADJUSTMENT OF MANHOLES
32	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
5.604	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
200	HR	LAW ENFORCEMENT
426,148	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,379	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
905	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
46	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
231	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
410,465	LF	PAINT PAVEMENT MARKING LINES (4")
4,177	LF	PAINT PAVEMENT MARKING LINES (8")
50	LF	PAINT PAVEMENT MARKING LINES (16")
672	LF	PAINT PAVEMENT MARKING LINES (24")
2	EA	PAINT PAVEMENT MARKING CHARAC- TER
105	EA	PAINT PAVEMENT MARKING SYMBOL
2,081	EA	SNOWPLOWABLE PAVEMENT MARKERS
3,800	LF	INDUCTIVE LOOP SAWCUT
3,500	LF	LEAD-IN CABLE (***** (14-2)



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 012

CONTRACT ID : C204327 2019CPT.08.09.10761 DIV OFFICE ABERDEEN

LENGTH = 68.105 MI

COUNTY : RANDOLPH

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 7.0% COMPLETION DATE : JUN 30 2020

2 SECTIONS OF NC-49, 1 SECTION EACH OF US-220 BUS, US-220 ALT, NC-705, AND NC-22, AND 25 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
133.96	SMI	SHOULDER RECONSTRUCTION
18.623	TON	AGGREGATE SHOULDER BORROW
287.658	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,232	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
21,766	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
33,810	SY	INCIDENTAL MILLING
2,490	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
55,975	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
34,715	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,953	TON	ASPHALT BINDER FOR PLANT MIX
5,439	TON	PATCHING EXISTING PAVEMENT
40,000	SY	ASPHALT SURFACE TREATMENT, SINGLE SEAL
14,000	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
2	WK	VACUUM TRUCK
25	TON	BLOTTING SAND
2	EA	ADJUSTMENT OF DROP INLETS
1	EA	ADJUSTMENT OF MANHOLES
6,463	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
80	HR	LAW ENFORCEMENT
426,384	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
31,733	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,051	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
730	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
46	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
148	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
5,668	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
2,128,436	LF	PAINT PAVEMENT MARKING LINES (4")
1,770	LF	PAINT PAVEMENT MARKING LINES (8")
50	LF	PAINT PAVEMENT MARKING LINES (16")
464	LF	PAINT PAVEMENT MARKING LINES (24")
24	EA	PAINT PAVEMENT MARKING CHARAC- TER
95	EA	PAINT PAVEMENT MARKING SYMBOL
5,668	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
417	EA	PERMANENT RAISED PAVEMENT MARKERS
1,422	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
980	LF	INDUCTIVE LOOP SAWCUT
980	LF	LEAD-IN CABLE (***** (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 013

CONTRACT ID : C204322 2020CPT.10.02.10131 DIV OFFICE ALBEMARLE

LENGTH = 20.118 MI

COUNTY : CABARRUS

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 7.0% COMPLETION DATE : JUN 01 2020

2 SECTIONS OF NC-3, 1 SECTION OF NC-73, AND 25 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,735	CY	BORROW EXCAVATION
5,300	SY	GENERIC GRADING ITEM
		SOIL CEMENT BASE (FULL DEPTH RECLAMATION)
175	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
1,338	TON	INCIDENTAL STONE BASE
34.2	SMI	SHOULDER RECONSTRUCTION
815	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH (1")
30,290	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH (1-1/2")
33,705	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH (1-1/4")
6,505	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH (2")
11,000	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH (3")
2,480	SY	MILLING ASPHALT PAVEMENT, ****
		TO *****
		(0" TO 1-1/2")
3,365	SY	MILLING ASPHALT PAVEMENT, ****
		TO *****
		(0" TO 2")
6,600	SY	INCIDENTAL MILLING
10,815	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
790	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
18,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,020	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,977	TON	ASPHALT BINDER FOR PLANT MIX
7,667	TON	PATCHING EXISTING PAVEMENT
43,161	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
52,626	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #*** STONE (#67)
5,300	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
32,126	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
10	EA	RETROFIT EXISTING CURB RAMPS
2,936	SY	6" CONCRETE DRIVEWAY
62	EA	ADJUSTMENT OF MANHOLES
27	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
824	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
240	HR	LAW ENFORCEMENT
479,973	LF	PAINT PAVEMENT MARKING LINES (4")
1,260	LF	PAINT PAVEMENT MARKING LINES (8")
375	LF	PAINT PAVEMENT MARKING LINES (12")
1,665	LF	PAINT PAVEMENT MARKING LINES (24")
54	EA	PAINT PAVEMENT MARKING CHARACTER
45	EA	PAINT PAVEMENT MARKING SYMBOL
Lump Sum	LS	PORTABLE LIGHTING
300	LF	TEMPORARY SILT FENCE
2,073	LF	WATTLE
11	LB	POLYACRYLAMIDE (PAM)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 014

CONTRACT ID : C204313 2020CPT.10.08.10901 DIV OFFICE ALBEMARLE

LENGTH = 29.860 MI

COUNTY : UNION

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 4.0% COMPLETION DATE : JUN 20 2020

1 SECTION OF US-74, 1 SECTION OF NC-75, AND 22 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	8 LB	POLYACRYLAMIDE (PAM)
4,220	CY	BORROW EXCAVATION		
58,684	SY	GENERIC GRADING ITEM		
		SOIL CEMENT BASE FULL DEPTH RECLAMATION		
2,027	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE		
850	TON	INCIDENTAL STONE BASE		
0.2	SMI	SHOULDER CONSTRUCTION		
53	SMI	SHOULDER RECONSTRUCTION		
11,735	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		
1,368	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")		
48	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1")		
3,200	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")		
9,509	SY	INCIDENTAL MILLING		
215	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
2,030	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
5,753	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
1,311	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)		
26,695	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		
6,799	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)		
2,591	TON	ASPHALT BINDER FOR PLANT MIX		
9,984	TON	PATCHING EXISTING PAVEMENT		
17,142	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE		
51,395	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (#67)		
53,349	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL		
52,500	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT		
6	WK	VACUUM TRUCK		
500	LF	***X *** CONCRETE CURB (8" X 12")		
1,000	LF	2'-6" CONCRETE CURB & GUTTER		
6	EA	RETROFIT EXISTING CURB RAMPS		
1	EA	CONCRETE CURB RAMPS		
659	SY	6" CONCRETE DRIVEWAY		
26	EA	ADJUSTMENT OF MANHOLES		
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		
1,730	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING		
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL		
32	HR	LAW ENFORCEMENT		
764,787	LF	PAINT PAVEMENT MARKING LINES (4")		
2,532	LF	PAINT PAVEMENT MARKING LINES (8")		
346	LF	PAINT PAVEMENT MARKING LINES (12")		
1,014	LF	PAINT PAVEMENT MARKING LINES (24")		
32	EA	PAINT PAVEMENT MARKING CHARACTER		
34	EA	PAINT PAVEMENT MARKING SYMBOL		
Lump Sum	LS	PORTABLE LIGHTING		
4,231	LF	TEMPORARY SILT FENCE		
515	TON	STONE FOR EROSION CONTROL, CLASS B		
259	TON	SEDIMENT CONTROL STONE		
4,231	LF	WATTLE		

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 015

CONTRACT ID : C204320 2020CPT.10.10.20901.1 DIV OFFICE ALBEMARLE

LENGTH = 17.077 MI

COUNTY : UNION

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 5.0% COMPLETION DATE : JUN 20 2020

## 40 SECTION OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,479	CY	BORROW EXCAVATION
368	TON	INCIDENTAL STONE BASE
23.2	SMI	SHOULDER RECONSTRUCTION
3,737	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
46,159	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
31,645	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1")
315	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
1,580	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/4")
7,123	SY	INCIDENTAL MILLING
700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
9,006	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,808	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
10,048	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,236	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,564	TON	ASPHALT BINDER FOR PLANT MIX
6,456	TON	PATCHING EXISTING PAVEMENT
24,541	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
8,605	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
1	WK	VACUUM TRUCK
19	EA	RETROFIT EXISTING CURB RAMPS
8	EA	CONCRETE CURB RAMPS
225	SY	6" CONCRETE DRIVEWAY
75	EA	ADJUSTMENT OF MANHOLES
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
252	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
52	HR	LAW ENFORCEMENT
152,064	LF	PAINT PAVEMENT MARKING LINES (4")
1,441	LF	PAINT PAVEMENT MARKING LINES (8")
60	LF	PAINT PAVEMENT MARKING LINES (12")
100	LF	PAINT PAVEMENT MARKING LINES (16")
804	LF	PAINT PAVEMENT MARKING LINES (24")
34	EA	PAINT PAVEMENT MARKING CHARAC- TER
91	EA	PAINT PAVEMENT MARKING SYMBOL
1,123	LF	TEMPORARY SILT FENCE
131	TON	STONE FOR EROSION CONTROL, CLASS B
65	TON	SEDIMENT CONTROL STONE
1,123	LF	WATTLE
2	LB	POLYACRYLAMIDE (PAM)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 016

CONTRACT ID : C204180 39899.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.194 MI

COUNTY : YADKIN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : MAY 13 2020

BRIDGE # 59 OVER JONESVILLE CREEK ON US-21 BUS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (15+50.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
450	CY	UNDERCUT EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
600	SY	GEOTEXTILE FOR SOIL STABILIZATION
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
70	SY	FOUNDATION CONDITIONING GEOTEXTILE
116	LF	15" DRAINAGE PIPE
12	LF	18" DRAINAGE PIPE
68	LF	30" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
8	LF	24" RC PIPE CULVERTS, CLASS III
68	LF	30" RC PIPE CULVERTS, CLASS III
52	LF	15" RC PIPE CULVERTS, CLASS IV
76	LF	18" RC PIPE CULVERTS, CLASS IV
104	LF	24" RC PIPE CULVERTS, CLASS IV
218	LF	PIPE REMOVAL
100	CY	SHALLOW UNDERCUT
200	TON	CLASS IV SUBGRADE STABILIZATION
30	TON	INCIDENTAL STONE BASE
2,520	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
90	SY	INCIDENTAL MILLING
310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
310	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
65	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
13	EA	MASONRY DRAINAGE STRUCTURES
2.6	LF	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH GRATE, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
90	LF	***X *** CONCRETE CURB (8" X 12")
440	LF	2'-6" CONCRETE CURB & GUTTER
50	LF	SHOULDER BERM GUTTER
225	LF	STEEL BEAM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS

4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL END UNITS, TYPE TL-2
1	TON	RIP RAP, CLASS B
740	SY	GEOTEXTILE FOR DRAINAGE
84	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
5	EA	SIGN ERECTION, TYPE E
2	EA	SIGN ERECTION, TYPE F
12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
642	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	CONES
40	LF	BARRICADES (TYPE III)
12	DAY	FLAGGER
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
3	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
4,695	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
40	EA	PERMANENT RAISED PAVEMENT MARKERS
47	LF	6" WATER LINE
38	LF	8" WATER LINE
1,405	LB	DUCTILE IRON WATER PIPE FITTINGS
1	EA	8" LINE STOP
271.27	LF	8" SANITARY GRAVITY SEWER
55.46	LF	12" SANITARY GRAVITY SEWER
2	EA	SANITARY SEWER CLEAN-OUT
3	EA	4' DIA UTILITY MANHOLE
273.4	LF	ABANDON 8" UTILITY PIPE
57	LF	ABANDON 12" UTILITY PIPE
1	EA	ABANDON UTILITY MANHOLE
1,150	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
40	TON	STONE FOR EROSION CONTROL, CLASS B
350	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
50	LF	TEMPORARY SLOPE DRAINS
1,200	LF	SAFETY FENCE
60	CY	SILT EXCAVATION
2,200	SY	MATTING FOR EROSION CONTROL
780	SY	COIR FIBER MAT
570	LF	1/4" HARDWARE CLOTH
10	EA	SPECIAL STILLING BASINS
2.5	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
204	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+55.00-L-)
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Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+55.00-L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
	27	LF 3'-6" DIA DRILLED PIERS IN SOIL
	33	LF 3'-6" DIA DRILLED PIERS NOT IN SOIL
	27	LF PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
	6	EA SPT TESTING
	1	EA CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+55.00-L-)
	4,746	SF CONCRETE WEARING SURFACE
	5,395	SF GROOVING BRIDGE FLOORS
	139	CY CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+55.00-L-)
	20,143	LB REINFORCING STEEL (BRIDGE)
	1,708	LB SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
	16	EA PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
	300	LF HP12X53 STEEL PILES
	16	EA STEEL PILE POINTS
	223.94	LF TWO BAR METAL RAIL
	240.29	LF 1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-11 3/16")
	435	TON RIP RAP CLASS II (2'-0" THICK)
	480	SY GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
	1,680	LF 3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190319 017

CONTRACT ID : C204403 2019CPT.12.05.10181 DIV OFFICE SHELBY

LENGTH = 40.289 MI

COUNTY : CATAWBA

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.0% COMPLETION DATE : JUL 01 2020

1 SECTION OF NC-127, 1 SECTION OF NC-10, 3 SECTIONS OF NC-16 BUS, AND 26 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
180	TON	INCIDENTAL STONE BASE
53.38	SMI	SHOULDER RECONSTRUCTION
2,711	TON	AGGREGATE SHOULDER BORROW
176,721	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
20,864	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,980	SY	INCIDENTAL MILLING
2,960	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
32,514	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,467	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
18,356	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
10	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
3,580	TON	ASPHALT BINDER FOR PLANT MIX
3,085	TON	PATCHING EXISTING PAVEMENT
22	EA	RETROFIT EXISTING CURB RAMPS
24	EA	REMOVE AND REPLACE CURB RAMPS
105	EA	ADJUSTMENT OF MANHOLES
63	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,412	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
878	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,849	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
58	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
309	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,318,140	LF	PAINT PAVEMENT MARKING LINES (4")
1,634	LF	PAINT PAVEMENT MARKING LINES (24")
294	EA	PAINT PAVEMENT MARKING SYMBOL
1,624	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
5	EA	JUNCTION BOX (STANDARD SIZE)
4,900	LF	INDUCTIVE LOOP SAWCUT
3,650	LF	LEAD-IN CABLE (***** (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L190416 001

CONTRACT ID : C204123 41582.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 7.244 MI

COUNTY : BRUNSWICK

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : MAY 14 2023

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

ROADWAY ITEMS				
		84	LF	*** CAA PIPE CULVERTS, ***** THICK (54", 0.109")
Lump Sum	LS MOBILIZATION	920	LF	15" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS CONSTRUCTION SURVEYING	52	LF	18" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS FIELD OFFICE	36	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
Lump Sum	LS CLEARING & GRUBBING .. ACRE(S) SUPPLEMENTARY CLEARING & GRUBBING	2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
3	ACR			
8	EA SEALING ABANDONED WELLS	112	LF	GENERIC PIPE ITEM 18" DUCTILE IRON PIPE
90,000	CY UNCLASSIFIED EXCAVATION	202	LF	GENERIC PIPE ITEM 24" DUCTILE IRON PIPE
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (369+42.00 -L- LT)	104	LF	GENERIC PIPE ITEM 30" DUCTILE IRON PIPE
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (369+42.00 -L- RT)	348	LF	GENERIC PIPE ITEM 57" X 38" CORRUGATED ALUMINUM ALLOY PIPE CULVERT, 0.109" THICK
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (390+15.00 -L- LT)	456	LF	GENERIC PIPE ITEM 60" X 38" HERCP-IV
Lump Sum	LS TYPE I STANDARD APPROACH FILL STATION ***** (390+15.00 -L- RT)	2	EA	GENERIC PIPE ITEM 18" DUCTILE IRON PIPE ELBOW
Lump Sum	LS TYPE III REINFORCED APPROACH FILL, STATION ***** (31+30.81 -YREV-)	4	EA	GENERIC PIPE ITEM 24" DUCTILE IRON PIPE ELBOW
Lump Sum	LS TYPE III REINFORCED APPROACH FILL, STATION ***** (39+52.00 -Y14A-)	2	EA	GENERIC PIPE ITEM 30" DUCTILE IRON PIPE ELBOW
55,000	CY UNDERCUT EXCAVATION	12,475	LF	PIPE REMOVAL
1,200,000	CY BORROW EXCAVATION	5	EA	PIPE CLEAN OUT
64,828	CY DRAINAGE DITCH EXCAVATION	Lump Sum	LS	FINE GRADING
19,500	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	1,100	CY	SHALLOW UNDERCUT
74,040	SY BREAKING OF EXISTING ASPHALT PAVEMENT	2,000	TON	CLASS IV SUBGRADE STABILIZATION
120	HR PROOF ROLLING	116,500	TON	CLASS IV AGGREGATE STABILIZATION
54,200	CY SELECT GRANULAR MATERIAL	2,960	TON	AGGREGATE BASE COURSE
40,200	SY GEOTEXTILE FOR SOIL STABILIZATION	5,725	TON	INCIDENTAL STONE BASE
33,000	SF TEMPORARY SHORING	10,133	GAL	PRIME COAT
Lump Sum	LS GENERIC GRADING ITEM DEWATERING	8,000	SY	INCIDENTAL MILLING
50	TON GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	154,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
3,840	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	102,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
12,070	SY FOUNDATION CONDITIONING GEOTEXTILE	23,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
288	LF *** DRAINAGE PIPE (54")	65,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,320	LF 15" DRAINAGE PIPE	17,350	TON	ASPHALT BINDER FOR PLANT MIX
1,276	LF 18" DRAINAGE PIPE	5,800	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
752	LF 24" DRAINAGE PIPE	672	CY	SUBDRAIN EXCAVATION
468	LF 30" DRAINAGE PIPE	2,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
596	LF 36" DRAINAGE PIPE	336	CY	SUBDRAIN COARSE AGGREGATE
632	LF 48" DRAINAGE PIPE	6,500	LF	6" PERFORATED SUBDRAIN PIPE
76	LF ***** RC PIPE CULVERTS, CLASS IV (12")	4	EA	SUBDRAIN PIPE OUTLET
360	LF ***** RC PIPE CULVERTS, CLASS IV (48")	24	LF	6" OUTLET PIPE
488	LF ***** RC PIPE CULVERTS, CLASS IV (54")	78	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
1,240	LF ***** RC PIPE CULVERTS, CLASS IV (60")	138.4	CY	ENDWALLS
408	LF ***** RC PIPE CULVERTS, CLASS IV (66")	62.69	CY	REINFORCED ENDWALLS
13,240	LF 15" RC PIPE CULVERTS, CLASS IV	2,557	CY	PIPE COLLARS
2,050	LF 18" RC PIPE CULVERTS, CLASS IV	129	CY	FLOWABLE FILL
1,432	LF 24" RC PIPE CULVERTS, CLASS IV	369	EA	MASONRY DRAINAGE STRUCTURES
4,372	LF 30" RC PIPE CULVERTS, CLASS IV	80.011	CY	MASONRY DRAINAGE STRUCTURES
3,364	LF 36" RC PIPE CULVERTS, CLASS IV	130.2	LF	MASONRY DRAINAGE STRUCTURES
1,368	LF 42" RC PIPE CULVERTS, CLASS IV	38	EA	FRAME WITH TWO GRATES, STD 840.16
		129	EA	FRAME WITH TWO GRATES, STD 840.20
		8	EA	FRAME WITH TWO GRATES, STD 840.22
		7	EA	FRAME WITH TWO GRATES, STD 840.24
		10	EA	FRAME WITH TWO GRATES, STD 840.29



			1,958	LB	SUPPORTS, SIMPLE STEEL BEAM
			7,686.6	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			58	LF	SUPPORTS, WOOD
24	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	21	EA	SIGN ERECTION, TYPE D
			384	EA	SIGN ERECTION, TYPE E
56	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	65	EA	SIGN ERECTION, TYPE F
			18	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
61	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
15	EA	FRAME WITH COVER, STD 840.54	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A)
41	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (B)
94	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	12	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
1,580	LF	***X *** CONCRETE CURB (8" X 18")	2	EA	DISPOSAL OF SUPPORT, STEEL BEAM
10,300	LF	***.*** CONCRETE CURB & GUTTER (2'-9")	2	EA	DISPOSAL OF SUPPORT, WOOD
49,160	LF	1'-6" CONCRETE CURB & GUTTER	4	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
22,310	LF	2'-6" CONCRETE CURB & GUTTER	161	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
7,960	LF	SHOULDER BERM GUTTER	17	EA	DISPOSAL OF SUPPORT, U-CHANNEL
330	LF	CONCRETE EXPRESSWAY GUTTER	2	EA	GENERIC SIGNING ITEM VERTICAL PANEL, TYPE 3 OBJECT MARKERS - OM3-C
2,820	SY	4" CONCRETE SIDEWALK	2	EA	GENERIC SIGNING ITEM VERTICAL PANEL, TYPE 3 OBJECT MARKERS - OM3-L
37	EA	CONCRETE CURB RAMPS	2,391	SF	WORK ZONE SIGNS (STATIONARY)
210	SY	6" CONCRETE DRIVEWAY	1,208	SF	WORK ZONE SIGNS (PORTABLE)
110	SY	4" CONCRETE PAVED DITCH	1,551	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15,200	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	8	EA	FLASHING ARROW BOARD
			12	EA	PORTABLE CHANGEABLE MESSAGE SIGN
350	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	105	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
3	EA	GENERIC PAVING ITEM EMERGENCY VEHICLE ACCESS FOR CONCRETE ISLAND	1,990	EA	DRUMS
10	EA	ADJUSTMENT OF CATCH BASINS	50	EA	CONES
1	EA	ADJUSTMENT OF DROP INLETS	960	LF	BARRICADES (TYPE III)
7	EA	ADJUSTMENT OF MANHOLES	10	LF	PEDESTRIAN CHANNELIZING DEVICES
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX	990	DAY	FLAGGER
			25	EA	TEMPORARY CRASH CUSHIONS
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO TRAFFIC BEARING JUNCTION BOX	9	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
3	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	4	EA	TMA
15,675	LF	STEEL BEAM GUARDRAIL	4,090	LF	PORTABLE CONCRETE BARRIER
1,325	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	2,442	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
165	EA	ADDITIONAL GUARDRAIL POSTS	1,072	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER
17	EA	GUARDRAIL END UNITS, TYPE AT-1	404	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)
29	EA	GUARDRAIL END UNITS, TYPE CAT-1	300	LF	WATER FILLED BARRIER
16	EA	GUARDRAIL ANCHOR UNITS, TYPE III	2,640	HR	LAW ENFORCEMENT
26	EA	GUARDRAIL END UNITS, TYPE TL-3	438	EA	SKINNY DRUM
2	EA	GUARDRAIL END UNITS, TYPE TL-2	1	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
13	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS
5,600	LF	REMOVE EXISTING GUARDRAIL	8,796	EA	TEMPORARY RAISED PAVEMENT MARKERS
3,150	LF	TEMPORARY STEEL BEAM GUARDRAIL	201,209	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
637.5	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)	15,964	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			5,176	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
8	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	508	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			1,321,168	LF	PAINT PAVEMENT MARKING LINES (4")
20	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	103,944	LF	PAINT PAVEMENT MARKING LINES (8")
3,800	LF	GENERIC GUARDRAIL ITEM STEEL BEAM GUARDRAIL WITH 8' POSTS	10,352	LF	PAINT PAVEMENT MARKING LINES (12")
			13,640	LF	PAINT PAVEMENT MARKING LINES (24")
25	EA	GENERIC GUARDRAIL ITEM ADDITIONAL GUARDRAIL POSTS (8')	1,702	EA	PAINT PAVEMENT MARKING SYMBOL
			2,979	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
10	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE AT-1	45	LF	POLYUREA PAVEMENT MARKING LINES (8", 20 MILS)
59,910	LF	WOVEN WIRE FENCE, 47" FABRIC	83,259	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
3,774	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	8,000	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
1,149	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
3,547	TON	RIP RAP, CLASS I			
892	TON	RIP RAP, CLASS B			
13,510	SY	GEOTEXTILE FOR DRAINAGE			
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
14	CY	REINFORCED CONCRETE SIGN FOUNDATIONS			
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS			
15,793	LB	SUPPORTS, BREAKAWAY STEEL BEAM			

			12	EA	REMOVE UTILITY MANHOLE
			140	LF	16" ENCASEMENT PIPE
			165	LF	18" ENCASEMENT PIPE
			270	LF	24" ENCASEMENT PIPE
			350	LF	30" ENCASEMENT PIPE
			355	LF	36" ENCASEMENT PIPE
			75	LF	BORE AND JACK OF *** (10")
			65	LF	BORE AND JACK OF *** (16")
			235	LF	BORE AND JACK OF *** (24")
			170	LF	BORE AND JACK OF *** (30")
			205	LF	BORE AND JACK OF *** (36")
			93	LF	BORE AND JACK OF *** (8")
			760	LF	DIRECTIONAL DRILLING OF *** (12")
			5,638	LF	DIRECTIONAL DRILLING OF *** (16")
			6,805	LF	DIRECTIONAL DRILLING OF *** (18")
			7,423	LF	DIRECTIONAL DRILLING OF *** (20")
			10,486	LF	DIRECTIONAL DRILLING OF *** (24")
			1	EA	GENERIC UTILITY ITEM 12.5' X 9' UTILITY VAULT
			1	EA	GENERIC UTILITY ITEM 24" BUTTERFLY VALVE
			1	EA	GENERIC UTILITY ITEM CHECK VALVE ASSEMBLY AND VAULT
			1	EA	GENERIC UTILITY ITEM PRESSURE SUSTAINING VALVE ASSEMBLY
			1	EA	GENERIC UTILITY ITEM RELOCATE 3/4" YARD HYDRANT
			1	EA	GENERIC UTILITY ITEM SANITARY SEWER PUMP STATION
			235,000	LF	TEMPORARY SILT FENCE
			2,100	TON	STONE FOR EROSION CONTROL, CLASS A
			11,000	TON	STONE FOR EROSION CONTROL, CLASS B
			9,600	TON	SEDIMENT CONTROL STONE
			864.5	ACR	TEMPORARY MULCHING
			32,700	LB	SEED FOR TEMPORARY SEEDING
			164.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
			18,000	LF	TEMPORARY SLOPE DRAINS
			28,000	LF	SAFETY FENCE
			45,000	CY	SILT EXCAVATION
			170,000	SY	MATTING FOR EROSION CONTROL
			180,000	SY	COIR FIBER MAT
			1,645	SY	PERMANENT SOIL REINFORCEMENT MAT
			24,600	LF	1/4" HARDWARE CLOTH
			1,500	SY	LOW PERMEABILITY GEOTEXTILE
			328	LF	*** TEMPORARY PIPE (18")
			655	LF	*** TEMPORARY PIPE (24")
			275	LF	*** TEMPORARY PIPE (30")
			555	SY	FLOATING TURBIDITY CURTAIN
			135	CY	STILLING BASINS
			30	EA	SPECIAL STILLING BASINS
			21,200	LF	COIR FIBER WATTLE
			8,065	LB	POLYACRYLAMIDE (PAM)
			10,200	LF	COIR FIBER BAFFLE
			16	EA	*** SKIMMER (1-1/2")
			5	EA	*** SKIMMER (2")
			3	EA	*** SKIMMER (2-1/2")
			1	EA	*** SKIMMER (3")
			580	ACR	SEEDING & MULCHING
			290	ACR	MOWING
			8,700	LB	SEED FOR REPAIR SEEDING
			26	TON	FERTILIZER FOR REPAIR SEEDING
			12,975	LB	SEED FOR SUPPLEMENTAL SEEDING
			389.25	TON	FERTILIZER TOPDRESSING
			2,650	LF	IMPERVIOUS DIKE
			150	MHR	SPECIALIZED HAND MOWING
			150	EA	RESPONSE FOR EROSION CONTROL
			18	EA	CONCRETE WASHOUT STRUCTURE
			1	ACR	REFORESTATION
			20	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (12")			
2,000	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			
300	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
3,252	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			
40	EA	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)			
285	EA	PERMANENT RAISED PAVEMENT MARKERS			
2,957	EA	SNOWFLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
8,603	LF	*** WATER LINE (18")			
5,542	LF	6" WATER LINE			
2,693	LF	8" WATER LINE			
406	LF	10" WATER LINE			
3,072	LF	12" WATER LINE			
2,011	LF	16" WATER LINE			
11,868	LF	24" WATER LINE			
87,352	LB	DUCTILE IRON WATER PIPE FITTINGS			
6	EA	*** VALVE (18")			
1	EA	2" VALVE			
2	EA	4" VALVE			
27	EA	6" VALVE			
8	EA	8" VALVE			
3	EA	10" VALVE			
11	EA	12" VALVE			
17	EA	16" VALVE			
24	EA	24" VALVE			
4	EA	16" TAPPING SLEEVE & VALVE			
2	EA	24" TAPPING SLEEVE & VALVE			
22	EA	2" AIR RELEASE VALVE			
6	EA	2" BLOW OFF			
5	EA	3/4" WATER METER			
57	EA	RELOCATE WATER METER			
9	EA	RECONNECT WATER METER			
1	EA	RELOCATE 2" DCV BACKFLOW PRE- VENTION ASSEMBLY			
3	EA	RELOCATE *** RPZ BACKFLOW PRE- VENTION ASSEMBLY (1")			
7	EA	RELOCATE *** RPZ BACKFLOW PRE- VENTION ASSEMBLY (3/4")			
1	EA	RELOCATE 2" RPZ BACKFLOW PRE- VENTION ASSEMBLY			
21	EA	FIRE HYDRANT			
4	EA	RELOCATE FIRE HYDRANT			
308	LF	FIRE HYDRANT LEG			
5	EA	8" LINE STOP			
5	EA	12" LINE STOP			
7	EA	16" LINE STOP			
6	EA	24" LINE STOP			
171	LF	*** WATER SERVICE LINE (2")			
35	LF	*** WATER SERVICE LINE (2-1/2")			
1,851	LF	WATER SERVICE LINE			
4,902	LF	8" SANITARY GRAVITY SEWER			
72	LF	4" FORCE MAIN SEWER			
3,415	LF	6" FORCE MAIN SEWER			
2,342	LF	8" FORCE MAIN SEWER			
485	LF	12" FORCE MAIN SEWER			
25,469	LF	16" FORCE MAIN SEWER			
19,873	LF	24" FORCE MAIN SEWER			
58,903	LB	DUCTILE IRON SEWER PIPE FITTINGS			
30	EA	4' DIA UTILITY MANHOLE			
122	LF	UTILITY MANHOLE WALL 4' DIA			
180	LF	ABANDON *** UTILITY PIPE (36")			
3,485	LF	ABANDON 6" UTILITY PIPE			
13,847	LF	ABANDON 8" UTILITY PIPE			
170	LF	ABANDON 10" UTILITY PIPE			
3,095	LF	ABANDON 12" UTILITY PIPE			
49,349	LF	ABANDON 16" UTILITY PIPE			
390	LF	ABANDON 18" UTILITY PIPE			
20,352	LF	ABANDON 24" UTILITY PIPE			
65	LF	ABANDON 30" UTILITY PIPE			
5	EA	REMOVE WATER METER			
4	EA	REMOVE FIRE HYDRANT			
6	EA	ABANDON UTILITY MANHOLE			

60	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
12	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
45,380	LF	SIGNAL CABLE
213	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
41	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
25	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
920	LF	MESSENGER CABLE (1/4")
6,500	LF	MESSENGER CABLE (3/8")
39,330	LF	TRACER WIRE
4,740	LF	UNPAVED TRENCHING (***** (1, 2")
16,740	LF	UNPAVED TRENCHING (***** (2, 2")
80	LF	UNPAVED TRENCHING (***** (3, 2")
120	LF	UNPAVED TRENCHING (***** (4, 2")
10	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
1,380	LF	DIRECTIONAL DRILL (***** (1, 2")
24,940	LF	DIRECTIONAL DRILL (***** (2, 2")
880	LF	DIRECTIONAL DRILL (***** (3, 2")
96	EA	JUNCTION BOX (STANDARD SIZE)
74	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
42	EA	WOOD POLE
86	EA	GUY ASSEMBLY
10	EA	1/2" RISER WITH WEATHERHEAD
31	EA	2" RISER WITH WEATHERHEAD
4	EA	2" RISER WITH HEAT SHRINK TUBING
13,910	LF	INDUCTIVE LOOP SAWCUT
27,610	LF	LEAD-IN CABLE (***** (14-2)
40,750	LF	COMMUNICATIONS CABLE (**FIBER) (48)
4,670	LF	DROP CABLE
19	EA	SPLICE ENCLOSURE
1	EA	MODIFY SPLICE ENCLOSURE
18	EA	INTERCONNECT CENTER
43	EA	DELINEATOR MARKER
1	EA	FURNISH WIRELESS LIGHTNING ARRESTOR
10	EA	900MHZ SERIAL/ETHERNET SPREAD SPECTRUM RADIO
6	EA	MODIFY RADIO INSTALLATION
4,650	LF	REMOVE EXISTING COMMUNICATIONS CABLE
2	EA	GPS UNIT
27	EA	METAL POLE WITH SINGLE MAST ARM
2	EA	METAL POLE WITH DUAL MAST ARM
33	EA	SOIL TEST
198	CY	DRILLED PIER FOUNDATION
33	EA	MAST ARM WITH METAL POLE DESIGN
97	EA	SIGN FOR SIGNALS
4	EA	TYPE II PEDESTAL WITH FOUNDATION
11	EA	SIGNAL CABINET FOUNDATION
11	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070E, BASE-MOUNTED)
1	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070E, POLE-MOUNTED)
156	EA	DETECTOR CARD (***** (2070E)
11	EA	CABINET BASE EXTENDER
2	EA	TRAFFIC SIGNAL REMOVAL
19	EA	METAL POLE FOUNDATION REMOVAL
19	EA	METAL POLE REMOVAL
7	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
6	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
3	EA	GENERIC SIGNAL ITEM CONTROLLER (TYPE 2070E)
10	EA	GENERIC SIGNAL ITEM DECORATIVE METAL POLE WITH SINGLE MAST ARM

4	EA	GENERIC SIGNAL ITEM DMS
2	EA	GENERIC SIGNAL ITEM DMS STRUCTURE (BACK-TO-BACK PEDESTAL)
8	EA	GENERIC SIGNAL ITEM ELECTRICAL SERVICE FOR ITS DEVICE
18	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
4	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
1	EA	GENERIC SIGNAL ITEM FURNISH ETHERNET EDGE SWITCH
19	EA	GENERIC SIGNAL ITEM JUNCTION BOX MARKER
22	EA	GENERIC SIGNAL ITEM JUNCTION BOX SPECIAL (OVERSIZED HEAVY DUTY)
2	EA	GENERIC SIGNAL ITEM LUMINAIRE MAST ARM
11	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES
4	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)
10	EA	GENERIC SIGNAL ITEM REMOVE 900MHZ RADIO
3	EA	GENERIC SIGNAL ITEM WOOD PEDESTAL
310	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE
16	CY	GENERIC SIGNAL ITEM DMS FOUNDATION

**CULVERT ITEMS**

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

**WALL ITEMS**

3,135.29	SF	MSE RETAINING WALL NO **** (1)
7,560.43	SF	MSE RETAINING WALL NO **** (10)
9,746.4	SF	MSE RETAINING WALL NO **** (11)
2,889.49	SF	MSE RETAINING WALL NO **** (2)
1,894.9	SF	MSE RETAINING WALL NO **** (8)
14,712.1	SF	MSE RETAINING WALL NO **** (9)

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (390+15.00 -L- LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (369+42.00 -L- EBL)

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (390+15.00 -L- RT)
Lump Sum	LS	ASBESTOS ASSESSMENT
10	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (369+42.00 -L- EBL)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (390+15.00 -L- LT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (390+15.00 -L- RT)
49,880	SF	REINFORCED CONCRETE DECK SLAB
51,122.6	SF	GROOVING BRIDGE FLOORS
399.9	CY	CLASS AA CONCRETE (BRIDGE)
209.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (31+30.81 -YREV-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (369+42.00 -L- EBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (369+42.00 -L- WBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (39+52.37 -Y14A-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (390+15.00 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (390+15.00 -L- RT)
37,903	LB	REINFORCING STEEL (BRIDGE)
61,306	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,361.3	LF	36" PRESTRESSED CONCRETE GIRDERS
2,455.63	LF	54" PRESTRESSED CONCRETE GIRDERS
2,068.2	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
28	EA	PILE DRIVING EQUIPMENT SETUP FOR *** PRESTRESSED CONCRETE PILES (16")
24	EA	PILE DRIVING EQUIPMENT SETUP FOR *** PRESTRESSED CONCRETE PILES (24")
108	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
1,715	LF	16" PRESTRESSED CONCRETE PILES
2,520	LF	24" PRESTRESSED CONCRETE PILES
8,531	LF	HP12X53 STEEL PILES
80	EA	STEEL PILE POINTS
130	EA	PILE REDRIVES
1,730.95	LF	TWO BAR METAL RAIL
516	LF	CONCRETE BARRIER RAIL
1,792.19	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-6")
119	SY	4" SLOPE PROTECTION
2,110	TON	RIP RAP CLASS II (2'-0" THICK)
2,350	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (390+15.00 -L- LT)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (390+15.00 -L- RT)