



PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

October 6, 2015

NOTICE TO: All Prequalified Contractors

FROM: R. A. Garris, PE
State Contract Officer

SUBJECT: Raleigh Central Highway Letting

The Highway Letting broadcast of bid opening has changed to a new format. The new method is broadcast via LiveStream. This can be accessed by clicking on the link below or by using the following manual process.

Go to [Raleigh Central Letting](#) and click on "Live Now" which will be available 15 minutes prior to Letting.

Manual process:

Go to www.livestream.com, click on the "Watch" button and then type NCDOT Raleigh Central Letting into the search events window. Select the Raleigh Central Letting event for the desired date. Click "Live Now" to listen to the audio after the event has started.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.





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January 19, 2016

NOTICE TO: All Prequalified Contractors
FROM: R. A. Garris, PE 
State Contract Officer
SUBJECT: Asbestos Inspection Prior to Bridge Demolition

Effective with the February 16, 2016 letting, a new project special provision entitled *Asbestos Assessment for Bridge Demolition and Renovation* will be included in any contract containing a structure removal line item. A contract line item for payment of this work will also be included in the contract.

The United States Environmental Protection Agency (EPA) has provided clarification of the asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation as it applies to bridges, identifying them as regulated structures. As such, a thorough inspection is required for the presence of asbestos.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.



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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON OCTOBER 18, 2016. 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 AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<https://connect.ncdot.gov/letting/Pages/>.

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. 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 UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE 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, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. 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 SEPTEMBER 20, 2016.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

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	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, 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	Louis L Mitchell, 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	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L161018

RPN	Contract Id	WBS	County	Length	JobType
*001	C203875	46478.3.1	TYRRELL, DARE	2.828 MI	BRIDGE REHABILITATION
002	C203923	2017CPT.03.06.10101 ETC.	BRUNSWICK	59.541 MI	MILLING, RESURFACING, WIDENING AND SHOULDER RECONSTRUCTION.
003	C203921	46448.3.1	JOHNSTON	0.636 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C203920	39971.3.1	VANCE	0.090 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C203805	46074.3.1	RANDOLPH	0.496 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
006	C203869	53011.3.1	MECKLENBURG	5.468 MI	PAVEMENT AND BRIDGE REHABILITATION.
007	C203804	46095.3.1	AVERY	0.050 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
008	C203667	42271.3.2	MACON	0.127 MI	GRADING, DRAINAGE, PAVING, SIGNAL AND STRUCTURE.

Bid Letting Number L161115

RPN	Contract Id	WBS	County	Length	JobType
001	C203801	34518.3.FR3	ASHE	3.979 MI	GRADING, DRAINAGE, PAVING, CULVERT, AND RETAINING WALLS.

PLEASE NOTE:

*C203875, TYRRELL & DARE COUNTIES, B-5936, 46478.3.1 HAS A MANDATORY PRE-BID CONFERENCE AT 10:00AM ON WEDNESDAY, OCTOBER 5, 2016 AT THE CHIEF ENGINEER'S CONFERENCE ROOM, NCDOT EQUIPMENT AND MAINTENANCE FACILITY, 4809 BERYL RD, RALEIGH, NC 27606, (919) 733-2220.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161018 001

CONTRACT ID : C203875 46478.3.1

DIV OFFICE EDENTON

LENGTH = 2.828 MI

COUNTY : TYRRELL, DARE

BRIDGE REHABILITATION

MBE GOAL 0% WBE 1% COMPLETION DATE : NOV 30 2018

BRIDGE #7 OVER ALLIGATOR RIVER ON US-64.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
267	SY	INCIDENTAL MILLING
22.5	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1.5	TON	ASPHALT BINDER FOR PLANT MIX
604	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
104	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW BOARD
177	EA	DRUMS
116	LF	BARRICADES (TYPE III)
800	HR	FLAGGER
2	EA	TMA
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
59,706	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
188	EA	PERMANENT RAISED PAVEMENT MARKERS

Lump Sum	LS	GENERIC STRUCTURE ITEM SIREN
Lump Sum	LS	GENERIC STRUCTURE ITEM STABILIZING MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM START UP & COMMISSIONING
Lump Sum	LS	GENERIC STRUCTURE ITEM SUBMARINE CABLE
Lump Sum	LS	GENERIC STRUCTURE ITEM SWITCHES AND RECEPTACLES
Lump Sum	LS	GENERIC STRUCTURE ITEM TURNING MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM UTIL SER. MED VOLT EQUIP. AUTO TRANSFER SWITCH & GENERATOR
Lump Sum	LS	GENERIC STRUCTURE ITEM WIRE AND CABLE
9,429	LF	GENERIC STRUCTURE ITEM BRIDGE JOINT REMOVAL
420	LF	GENERIC STRUCTURE ITEM INJECT AND SEAL CRACK
7,013.5	LF	GENERIC STRUCTURE ITEM PILE JACKETS
280	LF	GENERIC STRUCTURE ITEM PILE WRAP
438	LF	GENERIC STRUCTURE ITEM REJACKETS
9,489	LF	GENERIC STRUCTURE ITEM SILICONE JOINT SEALANT
80.4	CF	GENERIC STRUCTURE ITEM RESTORE SPALLED AREA - EPOXY
473	SF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR EPOXY OVERLAY
387,507	SF	GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM - MECHANICALLY DISTRIBUTED

STRUCTURE ITEMS

42	GAL	GENERIC MISCELLANEOUS ITEM EPOXY MATERIAL
10	LB	REINFORCING STEEL (BRIDGE)
1,363.5	CF	SHOTCRETE REPAIRS
98.1	LF	EPOXY RESIN INJECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM AUXILIARY OPERATING SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE CONTROL SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM CENTER WEDGE MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM CENTERING DEVICE MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE RENOVATIONS
Lump Sum	LS	GENERIC STRUCTURE ITEM DISCONNECT SWITCHES
Lump Sum	LS	GENERIC STRUCTURE ITEM DRY TYPE TRANSFORMER
Lump Sum	LS	GENERIC STRUCTURE ITEM ELECTRICAL DEMOLITION
Lump Sum	LS	GENERIC STRUCTURE ITEM ELECTRICAL REFURBISHING
Lump Sum	LS	GENERIC STRUCTURE ITEM END WEDGE MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM FIELD MEASURING
Lump Sum	LS	GENERIC STRUCTURE ITEM GROUNDING
Lump Sum	LS	GENERIC STRUCTURE ITEM HVAC UNIT
Lump Sum	LS	GENERIC STRUCTURE ITEM JUNCTION AND PULL BOXES
Lump Sum	LS	GENERIC STRUCTURE ITEM LIGHTING
Lump Sum	LS	GENERIC STRUCTURE ITEM MOTOR CONTROL CENTER
Lump Sum	LS	GENERIC STRUCTURE ITEM MOTORS
Lump Sum	LS	GENERIC STRUCTURE ITEM OPERATION & MAINT MANUALS, TRAINING & AS-BUILT DOCUMENTATION
Lump Sum	LS	GENERIC STRUCTURE ITEM PANELBOARD
Lump Sum	LS	GENERIC STRUCTURE ITEM RACEWAY

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161018 002

CONTRACT ID : C203923

2017CPT.03.06.10101

DIV OFFICE CASTLE HAYNE

LENGTH = 59.541 MI

COUNTY : BRUNSWICK

MILLING, RESURFACING, WIDENING AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : DEC 16 2017

1 SECTION OF US-74/US-76, 2 SECTIONS OF NC-179 AND 41 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS				
		140	HR	LAW ENFORCEMENT
		397,903	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		298,890	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		1,296	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 240 MILS)
		152,420	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
		29,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
		534	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
		2,390	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
		1,114	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
		20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
		540	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		32,360	LF	PAINT PAVEMENT MARKING LINES (4")
		280	LF	PAINT PAVEMENT MARKING LINES (8")
		1,345	LF	PAINT PAVEMENT MARKING LINES (24")
		140	EA	PAINT PAVEMENT MARKING SYMBOL
		2,660	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
		260	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
		2,920	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
		30	LF	GENERIC PAVEMENT MARKING ITEM EPOXY PAVEMENT MARKING LINES, 6" BLACK
		2,404	EA	PERMANENT RAISED PAVEMENT MARKERS
		2,556	EA	SNOWFLOWABLE PAVEMENT MARKERS
		6,136	LF	TEMPORARY SILT FENCE
		707	TON	STONE FOR EROSION CONTROL, CLASS B
		707	TON	SEDIMENT CONTROL STONE
		22.37	ACR	TEMPORARY MULCHING
		1,417	LB	SEED FOR TEMPORARY SEEDING
		7.47	TON	FERTILIZER FOR TEMPORARY SEEDING
		500	SY	MATTING FOR EROSION CONTROL
		1,422	LF	1/4" HARDWARE CLOTH
		870	LF	WATTLE
		44.4	ACR	SEEDING & MULCHING
		1,417	LB	SEED FOR REPAIR SEEDING
		7.46	TON	FERTILIZER FOR REPAIR SEEDING
		37	EA	RESPONSE FOR EROSION CONTROL
		570	LF	UNPAVED TRENCHING (*****) (1, 2")
		25	LF	DIRECTIONAL DRILL (*****) (1, 2")
		7	EA	JUNCTION BOX (STANDARD SIZE)
		6,130	LF	INDUCTIVE LOOP SAWCUT
		750	LF	LEAD-IN CABLE (*****) (14-2)
Lump Sum	LS			TEMPORARY TRAFFIC CONTROL
478	CY			MOBILIZATION
1,620	TON			BORROW EXCAVATION
303	TON			GENERIC GRADING ITEM
105.52	SMI			AGGREGATE SHOULDER BORROW
43.630	SY			INCIDENTAL STONE BASE
5.280	SY			SHOULDER RECONSTRUCTION
18.590	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
3.515	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
2,390	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (2")
1,126	SY			MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/4")
11.803	SY			MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3/4")
2.608	TON			INCIDENTAL MILLING
19.746	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
7.934	TON			ASPHALT CONC BASE COURSE, TYPE B25.0C
15.077	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
70	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
25.087	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
10	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C
24.527	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
21	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1.802	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
5.545	TON			ASPHALT CONC SURFACE COURSE, TYPE S4.75A
149.150	LF			ASPHALT BINDER FOR PLANT MIX
977	TON			MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
1.761	TON			GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
10	SY			GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
1	EA			4" CONCRETE SIDEWALK
10	SY			CONCRETE CURB RAMP
10	SY			6" CONCRETE DRIVEWAY
35	SY			GENERIC PAVING ITEM REMOVE AND REPLACE 4' SIDEWALK
70	LF			GENERIC PAVING ITEM REMOVE AND REPLACE 5" MONO-LITHIC CONCRETE ISLAND
9	EA			GENERIC PAVING ITEM REMOVE AND REPLACE 2'-6" CURB & GUTTER
2	EA			GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE CURB RAMP
2	EA			GENERIC PAVING ITEM REMOVE CONCRETE CURB RAMPS
32	EA			ADJUSTMENT OF DROP INLETS
7	EA			ADJUSTMENT OF MANHOLES
6,576	SF			ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS			WORK ZONE ADVANCE/GENERAL WARNING SIGNING
				TEMPORARY TRAFFIC CONTROL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161018 003

CONTRACT ID : C203921 46448.3.1

DIV OFFICE WILSON

LENGTH = 0.636 MI

COUNTY : JOHNSTON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 4.0% WBE 6.0% COMPLETION DATE : MAY 14 2018

NOVO NORDISK ACCESS ROAD FROM SR-1913 (GORDON ROAD) TO PROPOSED NOVO NORDISK SITE.

ROADWAY ITEMS					
			5	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			13	TON	RIP RAP, CLASS I
			99	TON	RIP RAP, CLASS B
			1,385	SY	GEOTEXTILE FOR DRAINAGE
			606	SF	WORK ZONE SIGNS (STATIONARY)
			192	SF	WORK ZONE SIGNS (PORTABLE)
			220	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			60	EA	DRUMS
			25	EA	CONES
			264	LF	BARRICADES (TYPE III)
			1,500	HR	FLAGGER
			25	EA	SKINNY DRUM
			32	EA	TEMPORARY RAISED PAVEMENT MARKERS
			10,197	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			11,034	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			162	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			125	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
			30	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			620	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
			10,160	LF	PAINT PAVEMENT MARKING LINES (4")
			152	EA	PERMANENT RAISED PAVEMENT MARKERS
			14,300	LF	TEMPORARY SILT FENCE
			285	TON	STONE FOR EROSION CONTROL, CLASS A
			2,855	TON	STONE FOR EROSION CONTROL, CLASS B
			3,990	TON	SEDIMENT CONTROL STONE
			8	ACR	TEMPORARY MULCHING
			500	LB	SEED FOR TEMPORARY SEEDING
			3.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			1,765	LF	TEMPORARY SLOPE DRAINS
			3,000	LF	SAFETY FENCE
			4,810	CY	SILT EXCAVATION
			16,615	SY	MATTING FOR EROSION CONTROL
			100	SY	COIR FIBER MAT
			125	SY	PERMANENT SOIL REINFORCEMENT MAT
			1,245	LF	1/4" HARDWARE CLOTH
			130	SY	LOW PERMEABILITY GEOTEXTILE
			50	LF	TEMPORARY PIPE FOR STREAM CROSSING
			6	EA	SPECIAL STILLING BASINS
			180	LF	COIR FIBER WATTLE
			195	LB	POLYACRYLAMIDE (PAM)
			1,905	LF	COIR FIBER BAFFLE
			8	EA	** SKIMMER (1-1/2")
			18	ACR	SEEDING & MULCHING
			12	ACR	MOWING
			100	LB	SEED FOR REPAIR SEEDING
			0.5	TON	FERTILIZER FOR REPAIR SEEDING
			425	LB	SEED FOR SUPPLEMENTAL SEEDING
			12.25	TON	FERTILIZER TOPDRESSING
			52	LF	IMPERVIOUS DIKE
			10	MHR	SPECIALIZED HAND MOWING
			25	EA	RESPONSE FOR EROSION CONTROL
			52	CY	CULVERT DIVERSION CHANNEL
			0.5	ACR	REFORESTATION
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
3,800	CY	UNCLASSIFIED EXCAVATION			
140,000	CY	BORROW EXCAVATION			
13	EA	EMBANKMENT SETTLEMENT GAUGES			
5	HR	PROOF ROLLING			
1,800	SY	GEOTEXTILE FOR SOIL STABILIZATION			
18,300	TON	ROCK EMBANKMENTS			
9,700	SY	ROCK PLATING			
13,200	SY	GENERIC GRADING ITEM GEOTEXTILE FOR EMBANKMENT STABILIZATION			
15,500	SY	GENERIC GRADING ITEM GEOTEXTILE FOR ROCK EMBANKMENTS,TYPE 2			
5,500	SY	GENERIC GRADING ITEM REINFORCEMENT GEOTEXTILE FOR AGGREGATE PLATFORMS			
2,200	SY	GENERIC GRADING ITEM SEPARATION GEOTEXTILE, TYPE 2			
800	TON	GENERIC GRADING ITEM #57 STONE FOR AGGREGATE PLATFORMS			
500	TON	GENERIC GRADING ITEM RIP RAP, CLASS A FOR AGGREGATE PLATFORMS			
0.05	SMI	GENERIC GRADING ITEM ABC (M) SHOULDER CONSTRUCTION			
110	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
340	SY	FOUNDATION CONDITIONING GEOTEXTILE			
152	LF	15" DRAINAGE PIPE			
6	EA	*** DRAINAGE PIPE ELBOWS (15")			
360	LF	15" RC PIPE CULVERTS, CLASS III			
184	LF	36" RC PIPE CULVERTS, CLASS III			
108	LF	54" RC PIPE CULVERTS, CLASS III			
64	LF	***** RC PIPE CULVERTS, CLASS IV (54")			
32	LF	15" RC PIPE CULVERTS, CLASS IV			
104	LF	24" RC PIPE CULVERTS, CLASS IV			
50	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
5,900	TON	#57 STONE			
500	CY	SHALLOW UNDERCUT			
400	TON	CLASS IV SUBGRADE STABILIZATION			
1,000	TON	INCIDENTAL STONE BASE			
1,000	SY	INCIDENTAL MILLING			
3,920	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
1,950	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
2,670	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
330	TON	ASPHALT BINDER FOR PLANT MIX			
70	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
57	EA	RIGHT OF WAY MARKERS			
4.5	CY	ENDWALLS			
15	CY	REINFORCED ENDWALLS			
9	EA	MASONRY DRAINAGE STRUCTURES			
5	EA	FRAME WITH TWO GRATES, STD 840.16			
4	EA	FRAME WITH TWO GRATES, STD 840.29			
237	LF	SHOULDER BERM GUTTER			
3,112.5	LF	STEEL BM GUARDRAIL			

6 EA GENERIC EROSION CONTROL ITEM
CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

2	EA	PDA TESTING
3,774	SF	REINFORCED CONCRETE DECK SLAB
3,785	SF	GROOVING BRIDGE FLOORS
38.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (33+26.23 -L-)
6,622	LB	REINFORCING STEEL (BRIDGE)
446.67	LF	54" PRESTRESSED CONCRETE GIR- DERS
1,292	LF	HP ***X*** STEEL PILES (14 X 117)
16	EA	PILE REDRIVES
223.67	LF	CONCRETE BARRIER RAIL
30	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
5,200	SF	MSE RETAINING WALL NO **** (1)
6,250	SF	MSE RETAINING WALL NO **** (2)
Lump Sum	LS	GENERIC STRUCTURE ITEM CONCRETE PENETRATING STAIN

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161018 004

CONTRACT ID : C203920 39971.3.1

DIV OFFICE DURHAM

LENGTH = 0.090 MI

COUNTY : VANCE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : SEP 28 2017

BRIDGE #36 OVER ANDERSON SWAMP CREEK/JOHN H. KERR RESERVOIR ON SR-1374 (WIGGINS ROAD/ANDERSON CREEK ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+89.00 -L-)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING
	200	CY UNDERCUT EXCAVATION
	200	CY SELECT GRANULAR MATERIAL
	200	SY GEOTEXTILE FOR SOIL STABILIZATION
	150	SY GEOTEXTILE FOR ROCK EMBANKMENTS
	10	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	20	SY FOUNDATION CONDITIONING GEOTEXTILE
	20	LF 15" DRAINAGE PIPE
	24	LF 15" RC PIPE CULVERTS, CLASS IV
	55	TON #57 STONE
	50	TON INCIDENTAL STONE BASE
	260	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
	230	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	220	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	40	TON ASPHALT BINDER FOR PLANT MIX
	4	EA RIGHT OF WAY MARKERS
	2	EA MASONRY DRAINAGE STRUCTURES
	2	EA FRAME WITH TWO GRATES, STD 840.24
	45	LF SHOULDER BERM GUTTER
	75	LF STEEL BM GUARDRAIL
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III
	162.7	LF REMOVE EXISTING GUARDRAIL
	650	TON RIP RAP, CLASS I
	160	TON RIP RAP, CLASS II
	45	TON RIP RAP, CLASS A
	1	TON RIP RAP, CLASS B
	1,240	SY GEOTEXTILE FOR DRAINAGE
	332	SF WORK ZONE SIGNS (STATIONARY)
	94	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	28	DAY PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
	6	EA DRUMS
	64	LF BARRICADES (TYPE III)
	950	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	950	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	700	LF TEMPORARY SILT FENCE
	150	TON STONE FOR EROSION CONTROL, CLASS A
	180	TON STONE FOR EROSION CONTROL, CLASS B
	140	TON SEDIMENT CONTROL STONE
	1	ACR TEMPORARY MULCHING
	100	LB SEED FOR TEMPORARY SEEDING
	0.5	TON FERTILIZER FOR TEMPORARY SEEDING
	200	LF TEMPORARY SLOPE DRAINS
	400	LF SAFETY FENCE
	70	CY SILT EXCAVATION
	1,800	SY MATTING FOR EROSION CONTROL
	175	SY COIR FIBER MAT
	265	LF 1/4" HARDWARE CLOTH
	100	SY FLOATING TURBIDITY CURTAIN

2	EA	SPECIAL STILLING BASINS
45	LB	POLYACRYLAMIDE (PAM)
1	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
0.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+89.00-L-)
	56	LF PILE EXCAVATION IN SOIL
	16	LF PILE EXCAVATION NOT IN SOIL
	1	EA PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+89.00-L-)
	58	CY CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+89.00-L-)
	9,220	LB REINFORCING STEEL (BRIDGE)
	195	LF HP12X53 STEEL PILES
	8	EA STEEL PILE POINTS
	190	LF VERTICAL CONCRETE BARRIER RAIL
	130	TON RIP RAP CLASS II (2'-0" THICK)
	145	SY GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
	1,045	LF 3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161018 005

CONTRACT ID : C203805 46074.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.496 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & STRUCTURES.

MBE GOAL 2.0% WBE 5.0% COMPLETION DATE : MAY 14 2018

BRIDGE #374 OVER SANDY CRK ON SR-2481 (LOW BRIDGE RD); BRIDGE #307 OVER MOUNT PLEASANT CRK ON SR-2481 (LOW BRIDGE RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (13+56.00 -L-)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (23+68.00 -L-)
1,730	CY	UNDERCUT EXCAVATION
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS	GRADING
50	SY	PRE-SPLITTING OF ROCK
12,400	CY	BORROW EXCAVATION
715	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
1,200	SY	GEOTEXTILE FOR SOIL STABILIZATION
32	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
94	SY	FOUNDATION CONDITIONING GEOTEXTILE
60	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
160	LF	15" SIDE DRAIN PIPE
24	LF	18" SIDE DRAIN PIPE
20	LF	15" RC PIPE CULVERTS, CLASS IV
178	LF	PIPE REMOVAL
200	CY	SHALLOW UNDERCUT
390	TON	CLASS IV SUBGRADE STABILIZATION
140	TON	AGGREGATE BASE COURSE
400	TON	INCIDENTAL STONE BASE
120	GAL	PRIME COAT
1,410	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
935	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
130	TON	ASPHALT BINDER FOR PLANT MIX
34	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
100	LF	SHOULDER BERM GUTTER
1,075	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
10	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
460	LF	WOVEN WIRE FENCE RESET
242	TON	RIP RAP, CLASS I
349	TON	RIP RAP, CLASS B
3,775	SY	GEOTEXTILE FOR DRAINAGE
34	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
76	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
640	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	SIGN ERECTION, TYPE D
22	EA	SIGN ERECTION, TYPE E
18	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
648	SF	WORK ZONE SIGNS (STATIONARY)
179	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
112	LF	BARRICADES (TYPE III)

5,232	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
5,232	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3,700	LF	TEMPORARY SILT FENCE
315	TON	STONE FOR EROSION CONTROL, CLASS A
1,580	TON	STONE FOR EROSION CONTROL, CLASS B
825	TON	SEDIMENT CONTROL STONE
6.2	ACR	TEMPORARY MULCHING
500	LB	SEED FOR TEMPORARY SEEDING
4	TON	FERTILIZER FOR TEMPORARY SEEDING
900	LF	TEMPORARY SLOPE DRAINS
800	LF	SAFETY FENCE
1,470	CY	SILT EXCAVATION
12,000	SY	MATTING FOR EROSION CONTROL
475	SY	COIR FIBER MAT
1,100	SY	PERMANENT SOIL REINFORCEMENT MAT
450	LF	1/4" HARDWARE CLOTH
14	EA	SPECIAL STILLING BASINS
310	LF	WATTLE
455	LB	POLYACRYLAMIDE (PAM)
575	LF	COIR FIBER BAFFLE
4	EA	*** SKIMMER (1-1/2")
6.2	ACR	SEEDING & MULCHING
3.1	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
4.75	TON	FERTILIZER TOPDRESSING
85	LF	IMPERVIOUS DIKE
20	MHR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.13	ACR	REFORESTATION
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (23+68.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+56.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+68.00 -L-)
19.4	LF	3'-6" DIA DRILLED PIERS IN SOIL
70	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
4.5	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	PDA TESTING
2	EA	SID INSPECTIONS
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+56.00 -L-)
191.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+56.00 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+68.00 -L-)
46,122	LB	REINFORCING STEEL (BRIDGE)
6,302	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
525	LF	HP12X53 STEEL PILES
20	EA	STEEL PILE POINTS

729.42	LF	VERTICAL CONCRETE BARRIER RAIL
60	TON	RIP RAP, CLASS ** (II)
981	TON	RIP RAP CLASS II (2'-0" THICK)
1,179	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
750	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
2,897.08	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L161018 006

CONTRACT ID : C203869 53011.3.1

DIV OFFICE ALBEMARLE

LENGTH = 5.468 MI

COUNTY : MECKLENBURG

PAVEMENT AND BRIDGE REHABILITATION.

DBE GOAL 3.0% COMPLETION DATE : SEP 30 2017

I-77 FROM SOUTH CAROLINA LINE TO SR-1577 (WEST TYVOLA RD).

ROADWAY ITEMS					
			3,205	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			3,412	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
			462	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)
			271	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)
			56	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)
			146,755	LF	PAINT PAVEMENT MARKING LINES (4")
			7,442	LF	PAINT PAVEMENT MARKING LINES (8")
			28	EA	PAINT PAVEMENT MARKING CHARACTER
			89	EA	PAINT PAVEMENT MARKING SYMBOL
			200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			218	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
			422	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			40	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
			56	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			4,578	EA	SNOWFLOWABLE PAVEMENT MARKERS
			Lump Sum	LS	PORTABLE LIGHTING
			1,906	LF	TEMPORARY SILT FENCE
			255	TON	STONE FOR EROSION CONTROL, CLASS B
			132	TON	SEDIMENT CONTROL STONE
			440	LF	WATTLE
			15	LB	POLYACRYLAMIDE (PAM)
					STRUCTURE ITEMS
			Lump Sum	LS	POLLUTION CONTROL
			Lump Sum	LS	FOAM JOINT SEALS
			Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING OF EXISTING WEATHERING STEEL BRIDGE #114
			Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING OF EXISTING WEATHERING STEEL BRIDGE #116
			Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING OF EXISTING WEATHERING STEEL BRIDGE #45
			Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING OF EXISTING WEATHERING STEEL BRIDGE #46
			Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING OF EXISTING WEATHERING STEEL BRIDGE #658
			Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING OF EXISTING WEATHERING STEEL BRIDGE #70
			Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING OF EXISTING WEATHERING STEEL BRIDGE #75
			Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #114
			Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #116
Lump Sum	LS	MOBILIZATION			
2,060	CY	BORROW EXCAVATION			
160	TON	INCIDENTAL STONE BASE			
15.12	SMI	SHOULDER RECONSTRUCTION			
416,258	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
16,631	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
18,668	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")			
5,736	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")			
100	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (1-1/2" TO 2")			
14,642	SY	INCIDENTAL MILLING			
4,724	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)			
51,055	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D			
288	TON	ASPHALT BINDER FOR PLANT MIX			
3,476	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX			
16,840	TON	PATCHING EXISTING PAVEMENT			
10,878	TON	ULTRA-THIN BONDED WEARING COURSE			
319,085	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT			
111,725	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
320	SF	WORK ZONE SIGNS (STATIONARY)			
442	SF	WORK ZONE SIGNS (PORTABLE)			
64	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
6	EA	FLASHING ARROW BOARD			
8	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
45	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)			
250	EA	DRUMS			
32	LF	BARRICADES (TYPE III)			
2	EA	TMA			
300	HR	LAW ENFORCEMENT			
1,370	EA	TEMPORARY RAISED PAVEMENT MARKERS			
640	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
133,966	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
38,718	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
131	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
268	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
21,359	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
2,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)			
132	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
97	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
200	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)			

Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #45
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #46
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #658
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #70
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #75
301	LF	GENERIC STRUCTURE ITEM EXPANSION JOINT SEAL REPAIR
133	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE
528	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
21	SF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR EPOXY OVERLAY
109.011	SF	GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM- MECHANICALLY DISTRIBUTED

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161018 007

CONTRACT ID : C203804 46095.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.050 MI

COUNTY : AVERY

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : MAR 30 2018

BRIDGE #141 OVER FALL BRANCH ON SR-1114 (BIG PLUMTREE CREEK ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
Lump Sum	LS	CONSTRUCTION SURVEYING	
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (12+31.30 -L-)	
100	CY	UNDERCUT EXCAVATION	
Lump Sum	LS	GRADING	
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	
255	SY	PRE-SPLITTING OF ROCK	
100	CY	SELECT GRANULAR MATERIAL	
200	SY	GEOTEXTILE FOR SOIL STABILIZATION	
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	
50	SY	FOUNDATION CONDITIONING GEOTEXTILE	
24	LF	18" DRAINAGE PIPE	
2	EA	*** DRAINAGE PIPE ELBOWS (18")	
104	LF	18" RC PIPE CULVERTS, CLASS IV	
50	CY	SHALLOW UNDERCUT	
80	TON	CLASS IV SUBGRADE STABILIZATION	
50	TON	INCIDENTAL STONE BASE	
140	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
100	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	
15	TON	ASPHALT BINDER FOR PLANT MIX	
56	CY	SUBDRAIN EXCAVATION	
250	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	
42	CY	SUBDRAIN COARSE AGGREGATE	
250	LF	6" PERFORATED SUBDRAIN PIPE	
1	EA	SUBDRAIN PIPE OUTLET	
6	LF	6" OUTLET PIPE	
4	EA	MASONRY DRAINAGE STRUCTURES	
3	EA	FRAME WITH TWO GRATES, STD 840.20	
1	EA	FRAME WITH TWO GRATES, STD 840.22	
25	LF	STEEL BM GUARDRAIL	
5	EA	ADDITIONAL GUARDRAIL POSTS	
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)	
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
2	TON	RIP RAP, CLASS B	
595	SY	GEOTEXTILE FOR DRAINAGE	
477	SF	WORK ZONE SIGNS (STATIONARY)	
96	SF	WORK ZONE SIGNS (PORTABLE)	
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
10	EA	DRUMS	
10	EA	CONES	
80	LF	BARRICADES (TYPE III)	
10	DAY	FLAGGER	
500	LF	TEMPORARY SILT FENCE	
150	TON	STONE FOR EROSION CONTROL, CLASS A	
90	TON	STONE FOR EROSION CONTROL, CLASS B	
105	TON	SEDIMENT CONTROL STONE	
0.42	ACR	TEMPORARY MULCHING	
100	LB	SEED FOR TEMPORARY SEEDING	
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING	
200	LF	TEMPORARY SLOPE DRAINS	
400	LF	SAFETY FENCE	
80	CY	SILT EXCAVATION	
1,000	SY	MATTING FOR EROSION CONTROL	
100	SY	COIR FIBER MAT	
200	LF	1/4" HARDWARE CLOTH	

2	EA	SPECIAL STILLING BASINS	
60	LF	WATTLE	
30	LB	POLYACRYLAMIDE (PAM)	
0.42	ACR	SEEDING & MULCHING	
0.21	ACR	MOWING	
50	LB	SEED FOR REPAIR SEEDING	
0.25	TON	FERTILIZER FOR REPAIR SEEDING	
50	LB	SEED FOR SUPPLEMENTAL SEEDING	
0.5	TON	FERTILIZER TOPDRESSING	
115	LF	IMPERVIOUS DIKE	
10	MHR	SPECIALIZED HAND MOWING	
15	EA	RESPONSE FOR EROSION CONTROL	
0.1	ACR	REFORESTATION	
2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE	

WALL ITEMS

290	SF	GENERIC RETAINING WALL ITEM RETAINING WALL, NO 2	
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STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+31.30 -L-)	
75	LF	PILE EXCAVATION IN SOIL	
50	LF	PILE EXCAVATION NOT IN SOIL	
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+31.30 -L-)	
40.4	CY	CLASS A CONCRETE (BRIDGE)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+31.30 -L-)	
4,918	LB	REINFORCING STEEL (BRIDGE)	
140	LF	HP12X53 STEEL PILES	
153.6	LF	VERTICAL CONCRETE BARRIER RAIL	
11	TON	RIP RAP CLASS II (2'-0" THICK)	
12	SY	GEOTEXTILE FOR DRAINAGE	
Lump Sum	LS	ELASTOMERIC BEARINGS	
500	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS	
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT	
12.2	LF	GENERIC STRUCTURE ITEM VERTICAL CONCRETE BARRIER RAIL WITH MOMENT SLAB	

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161018 008

CONTRACT ID : C203667 42271.3.2

DIV OFFICE SYLVA

LENGTH = 0.127 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING, SIGNAL AND STRUCTURE.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : JAN 11 2019

BRIDGE #22 OVER LITTLE TENNESSEE RIVER ON US-441 BUS.

ROADWAY ITEMS					
			1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			15	LF	***X*** CONCRETE CURB (8" X 12")
Lump Sum	LS	MOBILIZATION	570	LF	2'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	CONSTRUCTION SURVEYING	115	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+25.89 -L-)	50	SY	6" CONCRETE DRIVEWAY
			70	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
100	CY	UNDERCUT EXCAVATION	1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GRADING	34	LF	REMOVE EXISTING GUARDRAIL
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	50	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS
45	CY	DRAINAGE DITCH EXCAVATION	25	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS, SHOP CURVED
100	CY	SELECT GRANULAR MATERIAL	1	EA	GENERIC GUARDRAIL ITEM PAINTED GUARDRAIL ANCHOR UNITS, TYPE 350
250	SY	GEOTEXTILE FOR SOIL STABILIZATION	1	EA	GENERIC GUARDRAIL ITEM PAINTED IMPACT ATTENUATOR UNIT, TYPE 350
100	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	5	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL ADDITIONAL GUARDRAIL POSTS
145	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL ANCHOR UNIT, TYPE AT-1, PAINTED LAPS
444	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL ANCHOR UNITS, TYPE III, PAINTED LAPS
36	LF	30" DRAINAGE PIPE	28	LF	GENERIC FENCING ITEM PAINTED PEDESTRIAN SAFETY RAIL
40	LF	48" DRAINAGE PIPE	11	TON	RIP RAP, CLASS I
52	LF	18" RC PIPE CULVERTS, CLASS III	22	TON	RIP RAP, CLASS II
48	LF	24" RC PIPE CULVERTS, CLASS III	1,742	SY	GEOTEXTILE FOR DRAINAGE
76	LF	30" RC PIPE CULVERTS, CLASS III	50	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
224	LF	48" RC PIPE CULVERTS, CLASS III	105	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
80	LF	18" RC PIPE CULVERTS, CLASS IV	32	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
56	LF	24" RC PIPE CULVERTS, CLASS IV	455	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
356	LF	PIPE REMOVAL	4	EA	SIGN ERECTION, TYPE D
100	CY	SHALLOW UNDERCUT	18	EA	SIGN ERECTION, TYPE E
190	TON	CLASS IV SUBGRADE STABILIZATION	2	EA	SIGN ERECTION, TYPE F
160	TON	AGGREGATE BASE COURSE	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
120	TON	INCIDENTAL STONE BASE	15	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2,810	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	802	SF	WORK ZONE SIGNS (STATIONARY)
800	SY	INCIDENTAL MILLING	352	SF	WORK ZONE SIGNS (PORTABLE)
270	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
240	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2	EA	FLASHING ARROW BOARD
600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
60	TON	ASPHALT BINDER FOR PLANT MIX	60	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	40	EA	DRUMS
33.6	CY	SUBDRAIN EXCAVATION	40	EA	CONES
150	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	144	LF	BARRICADES (TYPE III)
25.2	CY	SUBDRAIN COARSE AGGREGATE	100	DAY	FLAGGER
150	LF	6" PERFORATED SUBDRAIN PIPE	2	EA	TMA
1	EA	SUBDRAIN PIPE OUTLET	75	LF	WATER FILLED BARRIER
6	LF	6" OUTLET PIPE	40	HR	LAW ENFORCEMENT
2.3	CY	ENDWALLS	10	EA	SKINNY DRUM
13	EA	MASONRY DRAINAGE STRUCTURES	101	EA	TEMPORARY RAISED PAVEMENT MARKERS
33	LF	MASONRY DRAINAGE STRUCTURES	81	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1	EA	FRAME WITH TWO GRATES, STD 840.16	138	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	FRAME WITH TWO GRATES, STD 840.24			
3	EA	FRAME WITH TWO GRATES, STD 840.29			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
3	EA	FRAME WITH COVER, STD 840.54			

16	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
225	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
5,325	LF	PAINT PAVEMENT MARKING LINES (4")
2,222	LF	PAINT PAVEMENT MARKING LINES (8")
134	LF	PAINT PAVEMENT MARKING LINES (24")
24	EA	PAINT PAVEMENT MARKING CHARACTER
30	EA	PAINT PAVEMENT MARKING SYMBOL
3,121	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
		(HIGHLY REFLECTIVE ELEMENTS)
938	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
105	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
13	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
3	EA	PERMANENT RAISED PAVEMENT MARKERS
14	EA	SNOWPLOWABLE PAVEMENT MARKERS
123	LF	8" WATER LINE
383	LF	12" WATER LINE
2	EA	8" VALVE
1	EA	12" VALVE
2	EA	RELOCATE WATER METER
60	LF	8" SANITARY GRAVITY SEWER
128	LF	24" SANITARY GRAVITY SEWER
5	EA	4' DIA UTILITY MANHOLE
11	LF	UTILITY MANHOLE WALL, 4' DIA
463	LF	ABANDON 8" UTILITY PIPE
120	LF	ABANDON 12" UTILITY PIPE
129	LF	ABANDON 24" UTILITY PIPE
2	EA	REMOVE UTILITY MANHOLE
Lump Sum	LS	GENERIC UTILITY ITEM 12" WATER LINE BRIDGE ATTACHMENT
1,285	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
25	TON	STONE FOR EROSION CONTROL, CLASS B
505	TON	SEDIMENT CONTROL STONE
0.2	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
20	CY	SILT EXCAVATION
450	SY	MATTING FOR EROSION CONTROL
380	SY	COIR FIBER MAT
200	SY	PERMANENT SOIL REINFORCEMENT MAT
475	LF	1/4" HARDWARE CLOTH
160	SY	FLOATING TURBIDITY CURTAIN
18	EA	SPECIAL STILLING BASINS
30	LF	WATTLE
15	LB	POLYACRYLAMIDE (PAM)
0.2	ACR	SEEDING & MULCHING
0.1	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
10	MHR	SPECIALIZED HAND MOWING
15	EA	RESPONSE FOR EROSION CONTROL
3	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
45	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
15	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
100	LF	SIGNAL CABLE
3	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
1,070	LF	MESSANGER CABLE (1/4")
85	LF	MESSANGER CABLE (3/8")
230	LF	TRACER WIRE
15	LF	PAVED TRENCHING (*****)(1, 2")

210	LF	UNPAVED TRENCHING (*****)(1, 2")
120	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
130	LF	DIRECTIONAL DRILL (*****)(1, 2")
9	EA	JUNCTION BOX (STANDARD SIZE)
4	EA	WOOD POLE
4	EA	GUY ASSEMBLY
4	EA	2" RISER WITH WEATHERHEAD
1	EA	2" RISER WITH HEAT SHRINK TUBING
885	LF	INDUCTIVE LOOP SAWCUT
1,750	LF	LEAD-IN CABLE (*****)(14-2)
1,200	LF	COMMUNICATIONS CABLE (**FIBER)(12)
1	EA	SPLICE ENCLOSURE
1	EA	INTERCONNECT CENTER
2	EA	RELOCATE EXISTING SIGN
2	EA	GENERIC SIGNAL ITEM REMOVE 900 MHZ RADIO

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (13+25.89 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+25.89 -L-)
302.83	LF	3'-6" DIA DRILLED PIERS IN SOIL
92	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
243.67	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	PDA TESTING
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+25.89 -L-)
11,017	SF	CONCRETE WEARING SURFACE
10,515	SF	GROOVING BRIDGE FLOORS
145.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+25.89 -L-)
49,630	LB	REINFORCING STEEL (BRIDGE)
9,586	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
640	LF	HP12X53 STEEL PILES
8	EA	STEEL PILE POINTS
265.38	LF	VERTICAL CONCRETE BARRIER RAIL
250.38	LF	1'-**X ***** CONCRETE PARAPET (1'-4" X 2'-11 1/2")
250.38	LF	1'-**X ***** CONCRETE PARAPET (1'-4" X 3'-3 1/2")
365	TON	RIP RAP CLASS II (2'-0" THICK)
405	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (13+25.89 -L-)
640	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
3,360	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
472.75	LF	GENERIC STRUCTURE ITEM ANODIZED TWO BAR METAL RAIL
280.37	LF	GENERIC STRUCTURE ITEM DUCT BANK - TYPE 6-WAY, 4"
4,870	SF	GENERIC STRUCTURE ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT
8	EA	GENERIC STRUCTURE ITEM REPLACEMENT OF POST-TENSIONING TENDONS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L161115 001

CONTRACT ID : C203801 34518.3.FR3

DIV OFFICE NORTH WILKESBORO

LENGTH = 3.979 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, CULVERT, AND RETAINING WALLS.

DBE GOAL 9.0% COMPLETION DATE : DEC 28 2020

US-221 FROM NORTH OF SOUTH FORK NEW RIVER TO SOUTH OF NC-194.

ROADWAY ITEMS					
			2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
			1	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
5	ACR	SUPPLEMENTARY CLEARING & GRUBBING	244	LF	*** CS STRUCTURAL PLATE PIPE, ** GAUGE (60", 8)
26	EA	SEALING ABANDONED WELLS	120	LF	*** CS STRUCTURAL PLATE PIPE, ** GAUGE (84", 1)
3,391,000	CY	UNCLASSIFIED EXCAVATION	46	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (15", 0.28")
1,000	CY	UNDERCUT EXCAVATION	42	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.31")
1,080	CY	DRAINAGE DITCH EXCAVATION	327	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.38")
1,400	LF	BERM DITCH CONSTRUCTION	121	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.47")
43,580	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	74	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.47")
5,020	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")
50	HR	PROOF ROLLING	80	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (84", 1.0")
1,000	CY	SELECT GRANULAR MATERIAL	46	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (15", 0.28")
9,400	SY	GEOTEXTILE FOR SOIL STABILIZATION	41	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.31")
22,500	SF	TEMPORARY SHORING	326	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.38")
4,040	SY	ROCK PLATING	121	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.47")
3,900	CY	GENERIC GRADING ITEM TOE BENCHING EXCAVATION	74	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.47")
100	TON	GENERIC GRADING ITEM STOCKPILING CONTAMINATED SOIL	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")
240	TON	SELECT MATERIAL, CLASS ***** (IV)	80	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (84", 1.0")
35,000	TON	SELECT MATERIAL, CLASS ***** (VII)	46	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (15", 0.28")
2,360	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	41	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.31")
7,400	SY	FOUNDATION CONDITIONING GEOTEXTILE	326	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.38")
92	LF	*** SIDE DRAIN PIPE (30")	121	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.47")
46	LF	*** SIDE DRAIN PIPE (36")	74	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.47")
1,450	LF	15" SIDE DRAIN PIPE	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")
1,405	LF	18" SIDE DRAIN PIPE	80	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (84", 1.0")
303	LF	24" SIDE DRAIN PIPE	110	LF	GENERIC PIPE ITEM 6" DI PIPE (SPRING BOX)
11	EA	*** SIDE DRAIN PIPE ELBOWS (15")	225	LF	GENERIC PIPE ITEM 6" PVC PIPE CULVERTS (SPRING BOX)
15	EA	*** SIDE DRAIN PIPE ELBOWS (18")	188	LF	GENERIC PIPE ITEM CENTRIFUGALLY CAST CONCRETE PIPE LINER (30" PIPE)
5	EA	*** SIDE DRAIN PIPE ELBOWS (24")	160	LF	GENERIC PIPE ITEM CENTRIFUGALLY CAST CONCRETE PIPE LINER (48" PIPE)
2	EA	*** SIDE DRAIN PIPE ELBOWS (36")	2,758	LF	PIPE REMOVAL
2,432	LF	15" RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FINE GRADING
3,428	LF	18" RC PIPE CULVERTS, CLASS III	35,470	SY	LIME TREATED SOIL (SLURRY METHOD)
1,628	LF	24" RC PIPE CULVERTS, CLASS III	360	TON	LIME FOR LIME TREATED SOIL
528	LF	30" RC PIPE CULVERTS, CLASS III	500	CY	SHALLOW UNDERCUT
252	LF	36" RC PIPE CULVERTS, CLASS III	200	TON	CLASS IV SUBGRADE STABILIZATION
72	LF	42" RC PIPE CULVERTS, CLASS III	250	TON	STABILIZER AGGREGATE
40	LF	48" RC PIPE CULVERTS, CLASS III	12,419	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
496	LF	54" RC PIPE CULVERTS, CLASS III	77,200	TON	AGGREGATE BASE COURSE
6,832	LF	15" RC PIPE CULVERTS, CLASS IV	53,200	SY	SOIL CEMENT BASE
436	LF	18" RC PIPE CULVERTS, CLASS IV	1,463	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
376	LF	24" RC PIPE CULVERTS, CLASS IV	4,910	TON	INCIDENTAL STONE BASE
3	EA	*** PIPE END SECTION (15")	16,820	CY	SHOULDER BORROW
208	LF	*** CS PIPE CULVERTS, ***** THICK (48", 1.09")	1,070	GAL	PRIME COAT
94	LF	18" CS PIPE CULVERTS, 0.064" THICK			
16	LF	24" CS PIPE CULVERTS, 0.064" THICK			
124	LF	30" CS PIPE CULVERTS, 0.079" THICK			

				3	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
24,520	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		20	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
1,670	SY	INCIDENTAL MILLING		121	EA	GENERIC GUARDRAIL ITEM EXTRA LENGTH GUARDRAIL POST (8" STEEL)
22,730	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		38,380	LF	WOVEN WIRE FENCE, 47" FABRIC
37,440	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		2,330	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
31,440	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		770	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
3,180	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		25	EA	METAL LINE POSTS FOR ** CHAIN LINK FENCE (96")
4,900	TON	ASPHALT BINDER FOR PLANT MIX		20	EA	METAL TERMINAL POSTS FOR ** CHAIN LINK FENCE (96")
1,250	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		500	LF	ADDITIONAL BARBED WIRE
840	CY	SUBDRAIN EXCAVATION		500	LF	GENERIC FENCING ITEM CHAIN LINK FENCE, 96" FABRIC
2,500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS		2,000	LF	GENERIC FENCING ITEM TEMPORARY 4 STRAND BARBED WIRE FENCE WITH POSTS
420	CY	SUBDRAIN COARSE AGGREGATE		1,937	TON	RIP RAP, CLASS I
2,500	LF	6" PERFORATED SUBDRAIN PIPE		20,820	SY	GEOTEXTILE FOR DRAINAGE
5	EA	SUBDRAIN PIPE OUTLET		15	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
30	LF	6" OUTLET PIPE		2,598	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
15	TON	BLOTTING SAND		133	EA	SIGN ERECTION, TYPE E
4	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE		14	EA	SIGN ERECTION, TYPE F
8.7	CY	ENDWALLS		1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
24.1	CY	REINFORCED ENDWALLS		1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (F)
4,554	CY	PIPE COLLARS		31	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
0.09	CY	PIPE PLUGS		2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
496	CY	FLOWABLE FILL		2,860	SF	WORK ZONE SIGNS (STATIONARY)
197	EA	MASONRY DRAINAGE STRUCTURES		720	SF	WORK ZONE SIGNS (PORTABLE)
48.8	CY	MASONRY DRAINAGE STRUCTURES		620	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
189.4	LF	MASONRY DRAINAGE STRUCTURES		2	EA	FLASHING ARROW BOARD
19	EA	FRAME WITH GRATE, STD 840.22		4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
11	EA	FRAME WITH TWO GRATES, STD 840.16		650	EA	DRUMS
74	EA	FRAME WITH TWO GRATES, STD 840.20		200	EA	CONES
76	EA	FRAME WITH TWO GRATES, STD 840.22		1,200	LF	BARRICADES (TYPE III)
2	EA	FRAME WITH TWO GRATES, STD 840.29		5,800	HR	FLAGGER
2	EA	FRAME WITH COVER, STD 840.54		5	EA	TEMPORARY CRASH CUSHIONS
54	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET		6	EA	RESET TEMPORARY CRASH CUSHION
5,040	LF	SHOULDER BERM GUTTER		3	EA	TMA
37,930	LF	*** CONCRETE GUTTER (2'-9")		1,800	LF	PORTABLE CONCRETE BARRIER
470	LF	CONCRETE EXPRESSWAY GUTTER		330	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
300	SY	4" CONCRETE PAVED DITCH		800	LF	RESET PORTABLE CONCRETE BARRIER
1,400	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)		110	EA	SKINNY DRUM
356.3	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED		1,500	EA	TEMPORARY RAISED PAVEMENT MARKERS
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX		1,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 240 MILS)
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DI TO 3GI		306	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING JB TO DI		202	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
3	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING TB2GI TO TBJB/SLAB		8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING TBJB TO TB2GI		52	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
12,825	LF	STEEL BM GUARDRAIL		408,000	LF	PAINT PAVEMENT MARKING LINES (4")
1,550	LF	STEEL BM GUARDRAIL, SHOP CURVED		7,600	LF	PAINT PAVEMENT MARKING LINES (8")
1	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS		2,300	LF	PAINT PAVEMENT MARKING LINES (24")
10	EA	ADDITIONAL GUARDRAIL POSTS		80	EA	PAINT PAVEMENT MARKING SYMBOL
6	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1		114,403	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
17	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1		5,036	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
25	EA	GUARDRAIL ANCHOR UNITS, TYPE 350		40,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77		1,200	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
512.5	LF	REMOVE & RESET EXISTING GUARDRAIL		250	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
4,012.5	LF	REMOVE EXISTING GUARDRAIL		30	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
4,200	LF	TEMPORARY STEEL BM GUARDRAIL		902	EA	SNOWPLOWABLE PAVEMENT MARKERS
137.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)				
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (AT-1)				

			4,870	SF	MSE RETAINING WALL NO **** (3)
			3,325	SF	SOIL NAIL RETAINING WALLS
			2	EA	SOIL NAIL VERIFICATION TESTS
			14	EA	SOIL NAIL PROOF TESTS
			4,500	DOL	CONTRACT TIME
80,000	LF	TEMPORARY SILT FENCE			
6,700	TON	STONE FOR EROSION CONTROL, CLASS A			
16,000	TON	STONE FOR EROSION CONTROL, CLASS B			
10,600	TON	SEDIMENT CONTROL STONE			
300	ACR	TEMPORARY MULCHING			
13,700	LB	SEED FOR TEMPORARY SEEDING			
69.5	TON	FERTILIZER FOR TEMPORARY SEED- ING			
9,500	LF	TEMPORARY SLOPE DRAINS			
2,000	LF	SAFETY FENCE			
80,350	CY	SILT EXCAVATION			
477,765	SY	MATting FOR EROSION CONTROL			
900	SY	COIR FIBER MAT			
3,750	SY	PERMANENT SOIL REINFORCEMENT MAT			
9,900	LF	1/4" HARDWARE CLOTH			
280	LF	*** TEMPORARY PIPE (15")			
2,780	LF	*** TEMPORARY PIPE (18")			
1,630	LF	*** TEMPORARY PIPE (24")			
600	LF	*** TEMPORARY PIPE (48")			
32	EA	SPECIAL STILLING BASINS			
200	LF	COIR FIBER WATTLE			
3,000	LB	POLYACRYLAMIDE (PAM)			
15,500	LF	COIR FIBER BAFFLE			
30	EA	*** SKIMMER (1-1/2")			
10	EA	*** SKIMMER (2")			
1	EA	*** SKIMMER (2-1/2")			
1	EA	*** SKIMMER (3")			
230	ACR	SEEDING & MULCHING			
120	ACR	MOWING			
2,900	LB	SEED FOR REPAIR SEEDING			
15.5	TON	FERTILIZER FOR REPAIR SEEDING			
5,500	LB	SEED FOR SUPPLEMENTAL SEEDING			
155	TON	FERTILIZER TOPDRESSING			
600	LF	IMPERVIOUS DIKE			
50	MHR	SPECIALIZED HAND MOWING			
160	EA	RESPONSE FOR EROSION CONTROL			
0.5	ACR	REFORESTATION			
0.1	ACR	STREAMBANK REFORESTATION			
24	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE			
120	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT			
30	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE			
23,420	LF	GENERIC EROSION CONTROL ITEM REINSTALLATION OF TEMPORARY PIPE FOR CLEAN WATER DIVERSION			

CULVERT ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (374+56.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (374+56.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (374+56.00 -L-)
592	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1,354.3	CY	CLASS A CONCRETE (CULVERT)
173,180	LB	REINFORCING STEEL (CULVERT)
Lump Sum	LS	GENERIC CULVERT ITEM ASBESTOS ASSESSMENT

WALL ITEMS

935	SF	MSE RETAINING WALL NO **** (1)
14,365	SF	MSE RETAINING WALL NO **** (2)

