



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

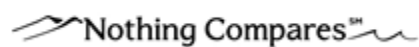
The Highway Letting broadcast of bid opening has changed to a new format. The new method is broadcast via LiveStream. This can be accessed by clicking on the link below or by using the following manual process.

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.






PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

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 JULY 19, 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 JUNE 21, 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 L160719

RPN	Contract Id	WBS	County	Length	JobType
001	C203751	42263.3.1	WAKE	0.820 MI	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURES.
002	C203749	38533.3.1	HALIFAX	0.309 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
003	C203659	33727.3.FS1	CUMBERLAND	0.649 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.
004	C203901	52010.3.1 ETC.	GUILFORD	7.093 MI	PAVEMENT REHABILITATION.
005	C203896	2017CPT.08.01.10631 ETC.	MOORE	37.788 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
006	C203893	2017CPT.08.02.10621 ETC.	MONTGOMERY, RANDOLPH	44.370 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
007	C203890	2017CPT.08.03.10771 ETC.	RICHMOND	17.520 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C203899	50080.3.FD1	FORSYTH	0.312 MI	GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.
009	C203889	42265.3.1	CABARRUS	0.322 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
010	C203874	46426.3.1	GASTON	8.100 MI	PAVEMENT REHABILITATION.
011	C203891	2017CPT.13.01.10111 ETC.	BUNCOMBE	86.590 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
012	C203897	2017CPT.13.03.10571 ETC.	MADISON	42.940 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
013	C203894	2017CPT.13.04.10591 ETC.	MCDOWELL	39.460 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
014	C203892	2017CPT.13.05.10611 ETC.	MITCHELL	24.250 MI	MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.
015	C203898	2017CPT.13.06.10811 ETC.	RUTHERFORD	59.870 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
*016	C203567	34915.3.FR1	DURHAM	1.134 MI	GRADING, DRAINAGE, PAVING, SIGNALS, TRACKWORK, & STRUCTURES.

Bid Letting Number L160816

RPN	Contract Id	WBS	County	Length	JobType
**001	C203789	40233.3.1	PENDER	0.929 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.

PLEASE NOTE:

*C203567, DURHAM COUNTY, U-3308, 34915.3.FR1 HAS A PRICE INCREASE. SMALL ROADWAY AND STRUCTURE PLANS ARE \$60.00. LARGE ROADWAY AND STRUCTURE PLANS ARE \$200.00. CROSS SECTIONS ARE \$60.00.

**C203789, PENDER COUNTY, B-4929, 40233.3.1 HAS A MANDATORY PRE-BID CONFERENCE AT 10:00AM ON WEDNESDAY, JULY 20, 2016 AT SURF CITY WELCOME CENTER, 102 NORTH SHORE DRIVE, SURF CITY, NC 28445, (910) 341-2000.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160719 001

CONTRACT ID : C203751 42263.3.1

DIV OFFICE DURHAM

LENGTH = 0.820 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURES.

DBE GOAL 12.0% COMPLETION DATE : MAR 29 2020

BRIDGE #227 ON US-70/US-401/NC-50 OVER PEACE STREET AND BRIDGE #213 ON US-70/NC-50 OVER US-401.

ROADWAY ITEMS					
			2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
Lump Sum	LS	MOBILIZATION	48	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM UTILITY COORDINATOR	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	48	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")
44,700	CY	UNCLASSIFIED EXCAVATION	208	LF	GENERIC PIPE ITEM 16" DUCTILE IRON PIPE, CLASS 250, SEALED
3,198	CY	UNDERCUT EXCAVATION	52	LF	GENERIC PIPE ITEM 18" DUCTILE IRON PIPE, CLASS 250, SEALED
32,000	CY	BORROW EXCAVATION	248	LF	GENERIC PIPE ITEM 24" DUCTILE IRON PIPE, CLASS 200, SEALED
240	CY	DRAINAGE DITCH EXCAVATION	176	LF	GENERIC PIPE ITEM 36" DUCTILE IRON PIPE, CLASS 150, SEALED
260	LF	BERM DITCH CONSTRUCTION	16	EA	GENERIC PIPE ITEM BOOTS FOR SEALED DRAINAGE STRUCTURES
13,900	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	3,128	LF	PIPE REMOVAL
36,900	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	57	SY	6" SLOPE PROTECTION
3,100	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	Lump Sum	LS	FINE GRADING
10	HR	PROOF ROLLING	6,818	CY	SHALLOW UNDERCUT
4,400	CY	SELECT GRANULAR MATERIAL	13,800	TON	CLASS IV SUBGRADE STABILIZATION
25,300	SY	GEOTEXTILE FOR SOIL STABILIZATION	500	TON	STABILIZER AGGREGATE
8,717	SF	TEMPORARY SHORING	5,961	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
380	SY	ROCK PLATING	430	TON	AGGREGATE BASE COURSE
500	TON	GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL	500	TON	INCIDENTAL STONE BASE
70	TON	SELECT MATERIAL, CLASS ***** (IV)	2,250	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
2,550	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1,170	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
8,350	SY	FOUNDATION CONDITIONING GEOTEXTILE	2,580	SY	INCIDENTAL MILLING
76	LF	*** SIDE DRAIN PIPE (42")	5,380	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
48	LF	*** SIDE DRAIN PIPE (60")	12,660	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
12	LF	*** SIDE DRAIN PIPE (8")	3,910	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
712	LF	15" SIDE DRAIN PIPE	8,760	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
76	LF	18" SIDE DRAIN PIPE	5,310	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
56	LF	24" SIDE DRAIN PIPE	6,510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2	EA	*** SIDE DRAIN PIPE ELBOWS (15")	2,105	TON	ASPHALT BINDER FOR PLANT MIX
596	LF	***** RC PIPE CULVERTS, CLASS ***** (15", V)	6,620	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
800	LF	***** RC PIPE CULVERTS, CLASS ***** (18", V)	87	EA	RIGHT OF WAY MARKERS
176	LF	***** RC PIPE CULVERTS, CLASS ***** (24", V)	0,553	CY	PIPE COLLARS
724	LF	***** RC PIPE CULVERTS, CLASS IV (48")	0,065	CY	PIPE PLUGS
128	LF	***** RC PIPE CULVERTS, CLASS IV (54")	688	CY	FLOWABLE FILL
412	LF	***** RC PIPE CULVERTS, CLASS IV (60")	183	EA	MASONRY DRAINAGE STRUCTURES
4,040	LF	15" RC PIPE CULVERTS, CLASS IV	58,845	CY	MASONRY DRAINAGE STRUCTURES
2,800	LF	18" RC PIPE CULVERTS, CLASS IV	85.8	LF	MASONRY DRAINAGE STRUCTURES
948	LF	24" RC PIPE CULVERTS, CLASS IV	14	EA	FRAME WITH TWO GRATES, STD 840.16
252	LF	36" RC PIPE CULVERTS, CLASS IV	2	EA	FRAME WITH TWO GRATES, STD 840.24
396	LF	42" RC PIPE CULVERTS, CLASS IV	30	EA	FRAME WITH TWO GRATES, STD 840.29
8	LF	*** PVC PIPE CULVERTS (8")	17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
60	LF	15" CS PIPE CULVERTS, 0.064" THICK	66	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
60	LF	18" CS PIPE CULVERTS, 0.064" THICK			
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")			

			1,496	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			1,957	LB	SUPPORTS, SIMPLE STEEL BEAM
			1,373	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
54	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (30+74 NBL)
17	EA	FRAME WITH COVER, STD 840.54	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (40+28 NBL)
168	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (50+00 NBL)
10	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET			
8	EA	GENERIC DRAINAGE ITEM MASONRY DRAINAGE STRUCTURES (SEALED)	4	EA	SIGN ERECTION, TYPE D
3.2	LF	GENERIC DRAINAGE ITEM MASONRY DRAINAGE STRUCTURES (SEALED)	60	EA	SIGN ERECTION, TYPE E
			8	EA	SIGN ERECTION, TYPE F
470	LF	***X *** CONCRETE CURB (8" X 12")	5	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
1,420	LF	***X *** CONCRETE CURB (8" X 18")	11	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
18,310	LF	2'-6" CONCRETE CURB & GUTTER	1	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
7,791	SY	4" CONCRETE SIDEWALK	2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
71	EA	CONCRETE CURB RAMP	58	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,120	SY	6" CONCRETE DRIVEWAY	1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
95	SY	4" CONCRETE PAVED DITCH	3,930	SF	WORK ZONE SIGNS (STATIONARY)
1,154	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	3,342	SF	WORK ZONE SIGNS (PORTABLE)
			374	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
631	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	6	EA	FLASHING ARROW BOARD
8,100	LF	GENERIC PAVING ITEM 2'-6" CONCRETE CURB & GUTTER (SPECIAL)	14	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			635	EA	DRUMS
5	EA	ADJUSTMENT OF CATCH BASINS	93	EA	CONES
8	EA	ADJUSTMENT OF MANHOLES	656	LF	BARRICADES (TYPE III)
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	7,680	HR	FLAGGER
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE	6	EA	TEMPORARY CRASH CUSHIONS
1	EA	CONVERT EXISTING JUNCTION BOX TO CATCH BASIN	4	EA	RESET TEMPORARY CRASH CUSHION
2	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING JUNCTION BOX TO SLAB TOP JUNCTION BOX	6	EA	TMA
6	EA	IMPACT ATTENUATOR UNIT, TYPE 350	4,550	LF	PORTABLE CONCRETE BARRIER
2,675	LF	STEEL BM GUARDRAIL	135	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
25	LF	STEEL BM GUARDRAIL, SHOP CURVED	2,260	LF	RESET PORTABLE CONCRETE BARRIER
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	4,377	LF	WATER FILLED BARRIER
15	EA	ADDITIONAL GUARDRAIL POSTS	33,884	LF	RESET WATER FILLED BARRIER
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	990	HR	LAW ENFORCEMENT
10	EA	GUARDRAIL ANCHOR UNITS, TYPE III	229	EA	SKINNY DRUM
11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	46	EA	TUBULAR MARKERS (FIXED)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1,580	LF	TEMPORARY GLARE SCREEN
1,027	LF	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY
275	LF	TEMPORARY STEEL BM GUARDRAIL	2,082	EA	TEMPORARY RAISED PAVEMENT MARKERS
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (AT-1)	29	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)	11,992	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	2,303	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
5,120	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (60")	880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
590	LF	GENERIC FENCING ITEM CHAIN LINK FENCE WITH BARBED WIRE, 96" FABRIC, VINYL COATED	4,485	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
427	EA	GENERIC FENCING ITEM METAL LINE POST, 60" CHAIN LINK FENCE, VINYL COATED	20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
50	EA	GENERIC FENCING ITEM METAL LINE POST, 96" CHAIN LINK FENCE, VINYL COATED	90	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
36	EA	GENERIC FENCING ITEM METAL TERMINAL POST, 60" CHAIN LINK FENCE, VINYL COATED	709	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
6	EA	GENERIC FENCING ITEM METAL TERMINAL POST, 96" CHAIN LINK FENCE, VINYL COATED	1,250	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
660	TON	RIP RAP, CLASS II	8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (IV)
110	TON	RIP RAP, CLASS B	4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
3,465	SY	GEOTEXTILE FOR DRAINAGE	162,912	LF	PAINT PAVEMENT MARKING LINES (4")
4	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	19,280	LF	PAINT PAVEMENT MARKING LINES (8")
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	5,930	LF	PAINT PAVEMENT MARKING LINES (24")
37	CY	OVERHEAD FOOTING	116	EA	PAINT PAVEMENT MARKING CHARACTER
			274	EA	PAINT PAVEMENT MARKING SYMBOL
			35,060	LF	REMOVAL OF PAVEMENT MARKING LINES (4")

			40	MHR	SPECIALIZED HAND MOWING
			50	EA	RESPONSE FOR EROSION CONTROL
			8	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
3,170	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	20	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
50	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	6,625	LF	SIGNAL CABLE
65	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	4	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)
15	EA	PERMANENT RAISED PAVEMENT MARKERS	23	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
294	EA	SNOWPLOWABLE PAVEMENT MARKERS	1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
Lump Sum	LS	PORTABLE LIGHTING	3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
12,600	LF	GENERIC LIGHTING ITEM STREET LIGHTING CONDUIT IN- STALLATION (2" PVC)	500	LF	MESSENGER CABLE (1/4")
2,468	LF	8" WATER LINE	1,800	LF	TRACER WIRE
6,108	LF	12" WATER LINE	25	LF	PAVED TRENCHING (***** (1, 2"))
16	EA	8" VALVE	800	LF	UNPAVED TRENCHING (***** (1, 2"))
21	EA	12" VALVE	225	LF	UNPAVED TRENCHING (***** (2, 2"))
4	EA	*** BLOW OFF (12")	350	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
3	EA	8" BLOW OFF	675	LF	DIRECTIONAL DRILL (***** (1, 2"))
43	EA	RELOCATE WATER METER	1,725	LF	DIRECTIONAL DRILL (***** (2, 2"))
2	EA	RECONNECT WATER METER	50	LF	DIRECTIONAL DRILL (***** (3, 2"))
4	EA	FIRE HYDRANT	31	EA	JUNCTION BOX (STANDARD SIZE)
10	EA	RELOCATE FIRE HYDRANT	8	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
2,010	LF	*** SANITARY GRAVITY SEWER (36")	2	EA	WOOD POLE
2,423	LF	8" SANITARY GRAVITY SEWER	5	EA	GUY ASSEMBLY
2,051	LF	12" SANITARY GRAVITY SEWER	1	EA	HEAT SHRINK TUBING RETROFIT KIT
24	LF	18" SANITARY GRAVITY SEWER	4	EA	2" RISER WITH HEAT SHRINK TUBING
47	EA	SANITARY SEWER CLEAN-OUT	4,025	LF	INDUCTIVE LOOP SAWCUT
25	EA	4' DIA UTILITY MANHOLE	5,425	LF	LEAD-IN CABLE (***** (14-2))
2	EA	5' DIA UTILITY MANHOLE	1,200	LF	COMMUNICATIONS CABLE (**FIBER) (12)
12	EA	6' DIA UTILITY MANHOLE	2,100	LF	COMMUNICATIONS CABLE (**FIBER) (48)
3	EA	8' DIA UTILITY MANHOLE	3	EA	SPLICE ENCLOSURE
51	LF	UTILITY MANHOLE WALL, 4' DIA	3	EA	MODIFY SPLICE ENCLOSURE
17	LF	UTILITY MANHOLE WALL, 5' DIA	3	EA	INTERCONNECT CENTER
98	LF	UTILITY MANHOLE WALL, 6' DIA	5	EA	DELINEATOR MARKER
24	LF	UTILITY MANHOLE WALL, 8' DIA	1,400	LF	REMOVE EXISTING COMMUNICATIONS CABLE
336	LF	ABANDON 6" UTILITY PIPE	1	EA	CABLE TRANSFER
4,588	LF	ABANDON 8" UTILITY PIPE	5	EA	METAL POLE WITH SINGLE MAST ARM
6,150	LF	ABANDON 12" UTILITY PIPE	3	EA	METAL POLE WITH DUAL MAST ARM
1,411	LF	ABANDON 24" UTILITY PIPE	8	EA	SOIL TEST
15	EA	ABANDON UTILITY MANHOLE	48	CY	DRILLED PIER FOUNDATION
4	EA	REMOVE UTILITY MANHOLE	8	EA	MAST ARM WITH METAL POLE DE- SIGN
600	LF	16" ENCASEMENT PIPE	12	EA	SIGN FOR SIGNALS
740	LF	24" ENCASEMENT PIPE	1	EA	TYPE I POST WITH FOUNDATION
285	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL	14	EA	TYPE II PEDESTAL WITH FOUND- ATION
285	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL	2	EA	TYPE III PEDESTAL WITH FOUND- ATION
265	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL	4	EA	RELOCATE EXISTING SIGN
265	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL	3	EA	SIGNAL CABINET FOUNDATION
5	EA	GENERIC UTILITY ITEM 12" INSERTION VALVE ASSEMBLY	3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1	EA	GENERIC UTILITY ITEM 2" AIR RELEASE VALVE	14	EA	DETECTOR CARD (TYPE 2070L)
25,000	LF	TEMPORARY SILT FENCE	3	EA	CABINET BASE EXTENDER
400	TON	STONE FOR EROSION CONTROL, CLASS A	3	EA	METAL POLE FOUNDATION REMOVAL
70	TON	STONE FOR EROSION CONTROL, CLASS B	3	EA	METAL POLE REMOVAL
2,300	TON	SEDIMENT CONTROL STONE	2	EA	GENERIC SIGNAL ITEM 900MHZ SPREAD SPECTRUM ETHER- NET RADIO
24	ACR	TEMPORARY MULCHING	3	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
1,200	LB	SEED FOR TEMPORARY SEEDING	1	EA	GENERIC SIGNAL ITEM RELOCATE FLASHER CABINET/SOLAR ASSEMBLY/RADIO ASSEMBLY
7	TON	FERTILIZER FOR TEMPORARY SEED- ING	25	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
200	LF	TEMPORARY SLOPE DRAINS	592	LF	1'-6" CONCRETE CURB & GUTTER
200	LF	SAFETY FENCE	391	SY	GENERIC PAVING ITEM CONCRETE PAVER SIDEWALK
1,290	CY	SILT EXCAVATION	297	SY	GENERIC PAVING ITEM CONCRETE PAVER MEDIAN ISLAND
15,000	SY	MATTING FOR EROSION CONTROL	2,645	SY	GENERIC PAVING ITEM CONCRETE SIDEWALK (CAPITAL CITY GRID)
100	SY	COIR FIBER MAT			
10,000	LF	1/4" HARDWARE CLOTH			
400	LF	*** TEMPORARY PIPE (24")			
4	EA	SPECIAL STILLING BASINS			
10	LB	POLYACRYLAMIDE (PAM)			
225	LF	COIR FIBER BAFFLE			
1	EA	*** SKIMMER (2")			
18	ACR	SEEDING & MULCHING			
15	ACR	MOWING			
250	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			
375	LB	SEED FOR SUPPLEMENTAL SEEDING			
11.25	TON	FERTILIZER TOPDRESSING			
55	LF	IMPERVIOUS DIKE			

STRUCTURE ITEMS

54	LF	GENERIC FENCING ITEM ORNAMENTAL FENCE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+19.94 -FLYOVER-)
31	EA	GENERIC PLANTING ITEM TREE WELL SYSTEM	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+06.91-L-)
600	HR	GENERIC MISCELLANEOUS ITEM EXPLORATORY EXCAVATION - STANDARD	191	LF	PILE EXCAVATION IN SOIL
150	HR	GENERIC MISCELLANEOUS ITEM EXPLORATORY EXCAVATION - VACUUM	76	LF	PILE EXCAVATION NOT IN SOIL
			112	LF	3'-6" DIA DRILLED PIERS IN SOIL
3	EA	ELECTRIC SERVICE POLE **** ***** (30', CLASS 4)	70	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
45	LF	ELECTRIC SERVICE LATERAL ***** (3, #1/0 USE)	2	EA	PDA TESTING
			2	EA	SID INSPECTIONS
			2	EA	CSL TESTING
3	EA	GENERIC LIGHTING ITEM LIGHT CONTROL SYSTEM, TYPE RW, 120/240V	14,218	SF	REINFORCED CONCRETE DECK SLAB
			16,350	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)
370	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	31,190	SF	GROOVING BRIDGE FLOORS
			441.5	CY	CLASS A CONCRETE (BRIDGE)
150	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+19.94-FLYOVER-)
320	LF	** #8 W/G FEEDER CIRCUIT (2)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+06.91-L-)
2,930	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	68,480	LB	REINFORCING STEEL (BRIDGE)
			6,384	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES TYPE PC18	1,840.71	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
2	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES TYPE PC30	652,000	LS	APPROX LBS STRUCTURAL STEEL
			2,135	LF	HP12X53 STEEL PILES
8	EA	UNDERPASS LUMINARIES ***** (TYPE WM)	50	EA	STEEL PILE POINTS
			182.71	LF	1'-***X ***** CONCRETE PARA- PET (1'-4" X 3'-6")
Lump Sum	LS	GENERIC LIGHTING ITEM ELECTRICAL CONDUIT SYSTEM AT PEACE ST	775.24	LF	GENERIC STRUCTURE ITEM DECORATIVE CONCRETE PARAPET
8	EA	GENERIC LIGHTING ITEM SPOTLIGHT LUMINAIRE	210	SY	4" SLOPE PROTECTION
169	EA	GENERIC LIGHTING ITEM AESTHETIC LIGHTING LUMINAIRE	Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	GENERIC LIGHTING ITEM AESTHETIC LIGHTING SYSTEM AT BRIDGE OVER PEACE ST	Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC LIGHTING ITEM AESTHETIC LIGHTING SYSTEM AT WADE AVE FLYOVER	Lump Sum	LS	EXPANSION JOINT SEALS
			Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING
			Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
			367.62	LF	GENERIC STRUCTURE ITEM CONC PARAPET WITH MOMENT SLAB
			383	SF	GENERIC STRUCTURE ITEM PRECAST CONCRETE PANELS
			718.75	LF	GENERIC STRUCTURE ITEM ARCHITECTURAL METAL FASCIA

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+13.11-Y1-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+13.11-Y1-)
258	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
331.2	CY	CLASS A CONCRETE (CULVERT)
49,779	LB	REINFORCING STEEL (CULVERT)

WALL ITEMS

4,230	SF	MSE RETAINING WALL NO **** (2)
4,150	SF	MSE RETAINING WALL NO **** (3)
3,305	SF	MSE RETAINING WALL NO **** (4)
2,535	SF	MSE RETAINING WALL NO **** (5)

***** BEGIN SCHEDULE IA *****
***** (2 ALTERNATES) *****

3,910	SF	MSE RETAINING WALL NO **** (1)
-------	----	-----------------------------------

*** OR ***

3,595	SF	SOLDIER PILE RETAINING WALLS
-------	----	------------------------------

*** END SCHEDULE IA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 002

CONTRACT ID : C203749 38533.3.1

DIV OFFICE WILSON

LENGTH = 0.309 MI

COUNTY : HALIFAX

GRADING, DRAINAGE, PAVING, & STRUCTURE.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #29 OVER LITTLE FISHING CREEK ON NC-561.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
50	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (20+11 -L-)
400	CY	UNDERCUT EXCAVATION
13,700	CY	BORROW EXCAVATION
1,700	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
400	CY	SELECT GRANULAR MATERIAL
500	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
50	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
168	SY	FOUNDATION CONDITIONING GEO- TEXTILE
40	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
36	LF	15" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	FINE GRADING
100	TON	INCIDENTAL STONE BASE
500	SY	INCIDENTAL MILLING
840	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
660	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
890	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
123	TON	ASPHALT BINDER FOR PLANT MIX
15	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
35	LF	GENERIC PAVING ITEM MODIFIED SHOULDER BERM GUTTER
1,050	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2	TON	RIP RAP, CLASS B
1,265	SY	GEOTEXTILE FOR DRAINAGE
132	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
2	EA	SIGN ERECTION, TYPE F
8	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
463	SF	WORK ZONE SIGNS (STATIONARY)
134	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
2,840	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,840	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
832	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
740	LF	8" WATER LINE
346	LF	10" WATER LINE
2	EA	8" VALVE
1,066	LF	ABANDON 8" UTILITY PIPE
123	LF	TRENCHLESS INSTALLATION OF 10" IN SOIL
123	LF	TRENCHLESS INSTALLATION OF 10" NOT IN SOIL
2,250	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
335	TON	STONE FOR EROSION CONTROL, CLASS B

460	TON	SEDIMENT CONTROL STONE
6	ACR	TEMPORARY MULCHING
400	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEED- ING
565	LF	TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
1,000	CY	SILT EXCAVATION
8,000	SY	MATTING FOR EROSION CONTROL
425	SY	COIR FIBER MAT
400	LF	1/4" HARDWARE CLOTH
75	SY	LOW PERMEABILITY GEOTEXTILE
35	SY	FLOATING TURBIDITY CURTAIN
12	EA	SPECIAL STILLING BASINS
210	LF	WATTLE
85	LB	POLYACRYLAMIDE (PAM)
450	LF	COIR FIBER BAFFLE
4	EA	*** SKIMMER (1-1/2")
6	ACR	SEEDING & MULCHING
3	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
150	LB	SEED FOR SUPPLEMENTAL SEEDING
4.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+11.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+11.00 -L-)
76.3	LF	3'-6" DIA DRILLED PIERS IN SOIL
54	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
64.1	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTIONS
3	EA	SPT TESTING
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (20+11.00 -L-)
8,243	SF	REINFORCED CONCRETE DECK SLAB
7,795	SF	GROOVING BRIDGE FLOORS
108.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+11.00 -L-)
28,865	LB	REINFORCING STEEL (BRIDGE)
4,088	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,032.08	LF	45" PRESTRESSED CONCRETE GIR- DERS
270	LF	HP12X53 STEEL PILES
416.67	LF	CONCRETE BARRIER RAIL
410	TON	RIP RAP CLASS II (2'-0" THICK)
455	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
1,500	DOL	CONTRACT TIME

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160719 003

CONTRACT ID : C203659 33727.3.FS1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.649 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : MAY 13 2020

BRIDGE #116 OVER CSX RAILROAD AND HILLSBORO ST ON NC-24/210.

ROADWAY ITEMS					
			18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			35	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			21	EA	FRAME WITH COVER, STD 840.54
			21	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
			3	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			5,160	LF	***.*** CONCRETE CURB & GUTTER (2'-9")
			390	LF	1'-6" CONCRETE CURB & GUTTER
			8,640	LF	2'-6" CONCRETE CURB & GUTTER
			4,460	SY	4" CONCRETE SIDEWALK
			20	EA	CONCRETE CURB RAMP
			300	SY	6" CONCRETE DRIVEWAY
			110	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			1,100	SY	GENERIC PAVING ITEM 4" STAMPED CONCRETE ISLAND COVER
			370	SY	GENERIC PAVING ITEM 5" STAMPED MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			7	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
			1	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET
			2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
			1	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET
			950	LF	STEEL BM GUARDRAIL
			4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			5	EA	ADDITIONAL GUARDRAIL POSTS
			6	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			240	LF	GENERIC FENCING ITEM ORNAMENTAL FENCE (ROADWAY)
			860	TON	RIP RAP, CLASS I
			40	TON	RIP RAP, CLASS B
			1,900	SY	GEOTEXTILE FOR DRAINAGE
			620	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			17	EA	SIGN ERECTION, TYPE E
			6	EA	SIGN ERECTION, TYPE F
			1,088	SF	WORK ZONE SIGNS (STATIONARY)
			1,267	SF	WORK ZONE SIGNS (PORTABLE)
			767	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			4	EA	FLASHING ARROW BOARD
			5	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			275	EA	DRUMS
			100	EA	CONES
			928	LF	BARRICADES (TYPE III)
			862	HR	FLAGGER
			6	EA	TEMPORARY CRASH CUSHIONS
			2	EA	RESET TEMPORARY CRASH CUSHION
			2	EA	TMA
			867	LF	PORTABLE CONCRETE BARRIER
			195	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			180	LF	RESET PORTABLE CONCRETE BARRIER
			104	HR	LAW ENFORCEMENT
			100	EA	SKINNY DRUM
			66	EA	TUBULAR MARKERS (FIXED)
			439	EA	TEMPORARY RAISED PAVEMENT MARKERS
			1,375	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	47,800	CY			UNCLASSIFIED EXCAVATION
	2,800	CY			UNDERCUT EXCAVATION
	255,800	CY			BORROW EXCAVATION
	2,480	CY			DRAINAGE DITCH EXCAVATION
	22,230	SY			REMOVAL OF EXISTING ASPHALT PAVEMENT
	6,880	SY			BREAKING OF EXISTING ASPHALT PAVEMENT
	2,600	CY			SELECT GRANULAR MATERIAL
	2,400	SY			GEOTEXTILE FOR SOIL STABILIZATION
	13,679	SF			TEMPORARY SHORING
	3,650	SY			GENERIC GRADING ITEM GEOTEXTILE FOR EMBANKMENT STABILIZATION
	195	TON			GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL
	745	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	3,257	SY			FOUNDATION CONDITIONING GEOTEXTILE
	168	LF			***** RC PIPE CULVERTS, CLASS ***** (15", V)
	120	LF			***** RC PIPE CULVERTS, CLASS IV (48")
	1,410	LF			15" RC PIPE CULVERTS, CLASS IV
	2,964	LF			18" RC PIPE CULVERTS, CLASS IV
	420	LF			24" RC PIPE CULVERTS, CLASS IV
	740	LF			36" RC PIPE CULVERTS, CLASS IV
	148	LF			42" RC PIPE CULVERTS, CLASS IV
	24	LF			18" CS PIPE CULVERTS, 0.064" THICK
	125	LF			GENERIC PIPE ITEM 4" PVC SLEEVE
	1,508	LF			PIPE REMOVAL
Lump Sum	LS	FINE GRADING			
	200	TON			INCIDENTAL STONE BASE
	380	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
	3,060	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (3")
	2,860	SY			INCIDENTAL MILLING
	10,580	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	8,970	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	7,770	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	1,365	TON			ASPHALT BINDER FOR PLANT MIX
	10	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	22.4	CY			SUBDRAIN EXCAVATION
	16.8	CY			SUBDRAIN FINE AGGREGATE
	100	LF			6" PERFORATED SUBDRAIN PIPE
	1	EA			SUBDRAIN PIPE OUTLET
	6	LF			6" OUTLET PIPE
	6.8	CY			ENDWALLS
	1,459	CY			PIPE COLLARS
	71	CY			FLOWABLE FILL
	111	EA			MASONRY DRAINAGE STRUCTURES
	59.7	LF			MASONRY DRAINAGE STRUCTURES
	11	EA			FRAME WITH TWO GRATES, STD 840.16
	4	EA			FRAME WITH TWO GRATES, STD 840.29

			9,000	SY	MATTING FOR EROSION CONTROL
			455	SY	COIR FIBER MAT
			12,750	SY	PERMANENT SOIL REINFORCEMENT MAT
9,130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	5,560	LF	1/4" HARDWARE CLOTH
419	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	100	SY	LOW PERMEABILITY GEOTEXTILE
2,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	45	LF	*** TEMPORARY PIPE (30")
62	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1,550	CY	STILLING BASINS
263	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	230	LF	WATTLE
1,870	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	140	LB	POLYACRYLAMIDE (PAM)
93,936	LF	PAINT PAVEMENT MARKING LINES (4")	2,755	LF	COIR FIBER BAFFLE
3,128	LF	PAINT PAVEMENT MARKING LINES (8")	6	EA	*** SKIMMER (1-1/2")
1,436	LF	PAINT PAVEMENT MARKING LINES (24")	15	ACR	SEEDING & MULCHING
40	EA	PAINT PAVEMENT MARKING CHARACTER	10	ACR	MOWING
217	EA	PAINT PAVEMENT MARKING SYMBOL	200	LB	SEED FOR REPAIR SEEDING
34,818	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1.25	TON	FERTILIZER FOR REPAIR SEEDING
592	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	900	LB	SEED FOR SUPPLEMENTAL SEEDING
431	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	27	TON	FERTILIZER TOPDRESSING
112	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	1,425	LF	IMPERVIOUS DIKE
103	EA	PERMANENT RAISED PAVEMENT MARKERS	30	MHR	SPECIALIZED HAND MOWING
28	LF	6" WATER LINE	25	EA	RESPONSE FOR EROSION CONTROL
1,776	LF	8" WATER LINE	8	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
1	EA	6" VALVE	25	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
1	EA	16" TAPPING VALVE	75	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
3	EA	RELOCATE WATER METER	8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
1	EA	RECONNECT WATER METER	4,985	LF	SIGNAL CABLE
4	EA	RELOCATE FIRE HYDRANT	24	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
68	LF	6" SANITARY GRAVITY SEWER	8	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
138	LF	8" SANITARY GRAVITY SEWER	1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
246	LF	10" SANITARY GRAVITY SEWER	600	LF	MESSENGER CABLE (1/4")
494	LF	12" SANITARY GRAVITY SEWER	1,120	LF	MESSENGER CABLE (3/8")
365	LF	16" SANITARY GRAVITY SEWER	2,000	LF	TRACER WIRE
1	EA	SANITARY SEWER CLEAN-OUT	555	LF	UNPAVED TRENCHING (***** (1, 2"))
1,122	LF	GENERIC UTILITY ITEM 36" SANITARY GRAVITY SEWER	50	LF	UNPAVED TRENCHING (***** (2, 2"))
10	EA	4" DIA UTILITY MANHOLE	150	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
6	EA	5" DIA UTILITY MANHOLE	6	EA	JUNCTION BOX (STANDARD SIZE)
5	EA	6" DIA UTILITY MANHOLE	2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
1	EA	8" DIA UTILITY MANHOLE	2	EA	WOOD POLE
20	LF	UTILITY MANHOLE WALL, 4" DIA	13	EA	GUY ASSEMBLY
16	LF	UTILITY MANHOLE WALL, 5" DIA	2	EA	2" RISER WITH WEATHERHEAD
14	LF	UTILITY MANHOLE WALL, 6" DIA	2	EA	2" RISER WITH HEAT SHRINK TUBING
2	LF	UTILITY MANHOLE WALL, 8" DIA	11,561	LF	INDUCTIVE LOOP SAWCUT
647	LF	ABANDON *** UTILITY PIPE (36")	8,064	LF	LEAD-IN CABLE (***** (14-2))
2,424	LF	ABANDON 8" UTILITY PIPE	5,500	LF	COMMUNICATIONS CABLE (**FIBER) (12)
500	LF	ABANDON 10" UTILITY PIPE	2	EA	SPLICE ENCLOSURE
320	LF	ABANDON 12" UTILITY PIPE	1	EA	MODIFY SPLICE ENCLOSURE
220	LF	ABANDON 18" UTILITY PIPE	2	EA	INTERCONNECT CENTER
11	EA	REMOVE WATER METER	2	EA	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING
1	EA	REMOVE FIRE HYDRANT	1,000	LF	REMOVE EXISTING COMMUNICATIONS CABLE
16	EA	ABANDON UTILITY MANHOLE	1	EA	GPS UNIT
2	EA	REMOVE UTILITY MANHOLE	4	EA	METAL STRAIN SIGNAL POLE
254	LF	*** ENCASEMENT PIPE (48")	4	EA	SOIL TEST
94	LF	30" ENCASEMENT PIPE	32	CY	DRILLED PIER FOUNDATION
2	EA	STEEL PILE PIERS	2	EA	SIGN FOR SIGNALS
5	EA	GENERIC UTILITY ITEM 6" NITRILE PIPE GASKETS	8	EA	TYPE II PEDESTAL WITH FOUNDATION
2	EA	GENERIC UTILITY ITEM 8" NITRILE PIPE GASKETS	1	EA	SIGNAL CABINET FOUNDATION
120	LF	GENERIC UTILITY ITEM 16" STEEL SANITARY GRAVITY SEWER PIPE	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
15,150	LF	TEMPORARY SILT FENCE	20	EA	DETECTOR CARD (TYPE 2070L)
345	TON	STONE FOR EROSION CONTROL, CLASS A	1	EA	CABINET BASE EXTENDER
3,645	TON	STONE FOR EROSION CONTROL, CLASS B	3	EA	TRAFFIC SIGNAL REMOVAL
2,865	TON	SEDIMENT CONTROL STONE	2	EA	GENERIC SIGNAL ITEM CONDUIT ENTRANCE 2" INTO UTILITY VAULT
19.5	ACR	TEMPORARY MULCHING	8	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SIGNAL PEDESTAL (BLACK)
1,200	LB	SEED FOR TEMPORARY SEEDING			
7	TON	FERTILIZER FOR TEMPORARY SEEDING			
2,600	LF	TEMPORARY SLOPE DRAINS			
200	LF	SAFETY FENCE			
4,130	CY	SILT EXCAVATION			

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (35+23.40 -L-)
68,846	LB	REINFORCING STEEL (BRIDGE)
1,190,000	LS	APPROX LBS STRUCTURAL STEEL
4,560	LF	HP12X53 STEEL PILES
36	EA	PILE REDRIVES
528.34	LF	TWO BAR METAL RAIL
280.6	LF	1'-**"X ***** CONCRETE PARA- PET (1'-4" X 3'-0 1/2")
280.6	LF	1'-**"X ***** CONCRETE PARA- PET (1'-4" X 3'-3")
273	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING OF STRUCTURAL STEEL
525.16	LF	GENERIC STRUCTURE ITEM ORNAMENTAL FENCE
3,452.4	SF	GENERIC STRUCTURE ITEM AESTHETICALLY TREATED CONCRETE MEDIAN
5,259.3	SF	GENERIC STRUCTURE ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT

4 EA GENERIC SIGNAL ITEM
POWDER COAT FOR STRAIN POLE
(BLACK)

CULVERT ITEMS

Lump Sum LS REMOVAL OF EXISTING STRUCTURES
AT STATION *****
(19+26.42 -L-)
Lump Sum LS CULVERT EXCAVATION, STA *****
(19+26.42 -L-)
2,175 TON FOUNDATION CONDITIONING MATER-
IAL, BOX CULVERT
3,320.9 CY CLASS A CONCRETE (CULVERT)
419,533 LB REINFORCING STEEL (CULVERT)
150 SY 4" SLOPE PROTECTION

WALL ITEMS

250 SF SEGMENTAL GRAVITY RETAINING
WALLS

***** BEGIN SCHEDULE IA *****
***** (2 ALTERNATES) *****

5,500 SF MSE RETAINING WALL NO ****
(2)

*** OR ***

5,500 SF GENERIC RETAINING WALL ITEM
CIP MSE RETAINING WALL NO 2

*** END SCHEDULE IA ***

***** BEGIN SCHEDULE IB *****
***** (2 ALTERNATES) *****

8,550 SF MSE RETAINING WALL NO ****
(3)

*** OR ***

8,550 SF GENERIC RETAINING WALL ITEM
CIP MSE RETAINING WALL NO 3

*** END SCHEDULE IB ***

***** BEGIN SCHEDULE IC *****
***** (2 ALTERNATES) *****

6,700 SF MSE RETAINING WALL NO ****
(4)

*** OR ***

6,700 SF GENERIC RETAINING WALL ITEM
CIP MSE RETAINING WALL NO 4

*** END SCHEDULE IC ***

***** BEGIN SCHEDULE ID *****
***** (2 ALTERNATES) *****

6,500 SF MSE RETAINING WALL NO ****
(5)

*** OR ***

6,500 SF GENERIC RETAINING WALL ITEM
CIP MSE RETAINING WALL NO 5

*** END SCHEDULE ID ***

***** BEGIN SCHEDULE IE *****
***** (2 ALTERNATES) *****

2,600 SF MSE RETAINING WALL NO ****
(6)

*** OR ***

2,600 SF GENERIC RETAINING WALL ITEM
CIP MSE RETAINING WALL NO 6

*** END SCHEDULE IE ***

STRUCTURE ITEMS

Lump Sum LS REMOVAL OF EXISTING STRUCTURE
AT STATION *****
(29+57.01 -L-)
4 EA PDA TESTING
30,203 SF REINFORCED CONCRETE DECK SLAB
29,719 SF GROOVING BRIDGE FLOORS
530.6 CY CLASS A CONCRETE (BRIDGE)
Lump Sum LS BRIDGE APPROACH SLABS, STATION

(29+57.01 -L-)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160719 004

CONTRACT ID : C203901 52010.3.1

DIV OFFICE GREENSBORO

LENGTH = 7.093 MI

COUNTY : GUILFORD

PAVEMENT REHABILITATION.

DBE GOAL 6.0% COMPLETION DATE : SEP 01 2018

I-40 FROM FORSYTH COUNTY LINE TO 1.1 MILE EAST OF SR-1556 (GALLIMORE DAIRY RD) IN GREENSBORO.

ROADWAY ITEMS					
			69	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)
			42	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)
			59	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
			474,600	LF	PAINT PAVEMENT MARKING LINES (6")
			24,791	LF	PAINT PAVEMENT MARKING LINES (12")
			524	LF	PAINT PAVEMENT MARKING LINES (24")
			40	EA	PAINT PAVEMENT MARKING CHARACTER
			103	EA	PAINT PAVEMENT MARKING SYMBOL
			211,966	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)
			18,532	LF	POLYUREA PAVEMENT MARKING LINES (12", *****)
			236,460	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
			23,916	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
			69	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			74	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			4,126	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 12" BLACK
			55,645	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6" BLACK
			26	EA	GENERIC PAVEMENT MARKING ITEM IN LANE ROUTE SHIELDS
			3,981	EA	SNOWFLOWABLE PAVEMENT MARKERS
			803	EA	GENERIC TRAFFIC CONTROL ITEM BARRIER WALL DELINEATORS
			Lump Sum	LS	PORTABLE LIGHTING
			1,000	LF	TEMPORARY SILT FENCE
			500	LF	WATTLE
			100	LF	UNPAVED TRENCHING (*****)
			5	EA	JUNCTION BOX (STANDARD SIZE)
			2	EA	2" RISER WITH WEATHERHEAD
			2,495	LF	INDUCTIVE LOOP SAWCUT
			1,325	LF	LEAD-IN CABLE (*****)
					(14-2)
Lump Sum	LS	MOBILIZATION			
149	CY	UNDERCUT EXCAVATION			
1,346	SY	GEOTEXTILE FOR SOIL STABILIZATION			
133	TON	#57 STONE			
400	TON	CLASS IV SUBGRADE STABILIZATION			
313	TON	INCIDENTAL STONE BASE			
19,854	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
57,984	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
2,654	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
6,113	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D			
156	TON	ASPHALT BINDER FOR PLANT MIX			
499	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX			
2,473	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED			
1,163	SF	PATCHING CONCRETE PAVEMENT SPALLS			
5,403	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (67)			
97,109	SY	ASPHALT SURFACE TREATMENT, FOG SEAL			
2,157	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT			
6,269	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
1,140	TON	GENERIC PAVING ITEM 4-1/2" PATCHING OF EXISTING PAVEMENT			
519,728	LF	GENERIC PAVING ITEM JOINT CONSTRUCTION, REPAIR AND SEALING			
392,765	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT			
444	SY	GENERIC PAVING ITEM REPAIR OF JOINTED CONCRETE PAVEMENT SLABS			
9,681	LF	GENERIC PAVING ITEM MILL RUMBLE STRIPS IN CONCRETE SHOULDER			
344	SF	WORK ZONE SIGNS (STATIONARY)			
975	SF	WORK ZONE SIGNS (PORTABLE)			
32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
6	EA	FLASHING ARROW BOARD			
12	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
250	EA	DRUMS			
40	LF	BARRICADES (TYPE III)			
6	EA	TMA			
250	EA	SKINNY DRUM			
21,012	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
6,894	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
633	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
2,880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
660	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)			
353	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
5	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
57	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
250	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 005

CONTRACT ID : C203896 2017CPT.08.01.10631 DIV OFFICE ABERDEEN
 COUNTY : MOORE

LENGTH = 37.788 MI

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 30 2017

4 SECTIONS OF US-1, 1 SECTION OF NC-690, 2 SECTIONS OF NC-5, AND 12 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
6,028	CY	BORROW EXCAVATION
2,030	TON	INCIDENTAL STONE BASE
72.82	SMI	SHOULDER RECONSTRUCTION
32,943	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,315	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
7,222	SY	INCIDENTAL MILLING
5,095	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
18,365	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
29,410	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,361	TON	ASPHALT BINDER FOR PLANT MIX
12,886	TON	PATCHING EXISTING PAVEMENT
103,100	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
5	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,969	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
355,220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
257,323	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
45,408	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
4,602	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
6,174	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
270	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
940	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
170	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,982	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
15,460	LF	PAINT PAVEMENT MARKING LINES (4")
2,982	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
925	EA	PERMANENT RAISED PAVEMENT MARKERS
705	EA	SNOWPLOWABLE PAVEMENT MARKERS
3,686	LF	TEMPORARY SILT FENCE
675	LF	WATTLE
55.42	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 006

CONTRACT ID : C203893 2017CPT.08.02.10621 DIV OFFICE ABERDEEN
 COUNTY : MONTGOMERY, RANDOLPH

LENGTH = 44.370 MI

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : JUN 30 2017

1 SECTION EACH OF NC-24/27, NC-73, US-220 BUSINESS & NC-49, AND 21 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	284,855	LF	GENERIC PAVEMENT MARKING ITEM
35	CY	BORROW EXCAVATION			HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 50 MILS)
5,765	TON	GENERIC GRADING ITEM			
		AGGREGATE SHOULDER BORROW			
10	TON	INCIDENTAL STONE BASE	517	EA	PERMANENT RAISED PAVEMENT MARKERS
41.83	SMI	SHOULDER RECONSTRUCTION			
14,995	SY	MILLING ASPHALT PAVEMENT, ****	1,771	EA	SNOWFLOWABLE PAVEMENT MARKERS
		DEPTH (1-1/2")	Lump Sum	LS	PORTABLE LIGHTING
2,720	SY	MILLING ASPHALT PAVEMENT, ****	25	LF	TEMPORARY SILT FENCE
		DEPTH (1-1/4")	15	LF	WATTLE
61,120	SY	MILLING ASPHALT PAVEMENT, ****	0.31	ACR	SEEDING & MULCHING
		DEPTH (2")	2,600	LF	INDUCTIVE LOOP SAWCUT
4,121	SY	INCIDENTAL MILLING			
4,265	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
18,395	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
19,085	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
2,596	TON	ASPHALT BINDER FOR PLANT MIX			
4,387	TON	PATCHING EXISTING PAVEMENT			
70,255	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (67)			
60,830	SY	ASPHALT SURFACE TREATMENT, SINGLE SEAL			
49,397	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT			
205,725	SY	GENERIC PAVING ITEM LATEX MODIFIED MICROSURFACING, TYPE III			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
50	LF	2'-6" CONCRETE CURB & GUTTER			
46	SY	4" CONCRETE SIDEWALK			
16	EA	RETROFIT EXISTING CURB RAMP			
5	EA	CONCRETE CURB RAMP			
1	EA	ADJUSTMENT OF CATCH BASINS			
2	EA	ADJUSTMENT OF DROP INLETS			
23	EA	ADJUSTMENT OF MANHOLES			
21	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
4,872	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
160	HR	LAW ENFORCEMENT			
291,019	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
310,509	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
390	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
440	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
57	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
172	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
13,900	LF	PAINT PAVEMENT MARKING LINES (4")			
254,855	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
1,625	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			
97	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 007

CONTRACT ID : C203890 2017CPT.08.03.10771 DIV OFFICE ABERDEEN
 COUNTY : RICHMOND

LENGTH = 17.520 MI

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : JUN 30 2017

1 SECTION EACH OF NC-38 & NC-381 AND 15 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,586	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
32.7	SMI	SHOULDER RECONSTRUCTION
23,131	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,865	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
12,672	SY	INCIDENTAL MILLING
1,430	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
9,725	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,145	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
10,740	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,448	TON	ASPHALT BINDER FOR PLANT MIX
3,480	TON	PATCHING EXISTING PAVEMENT
14,326	SY	ASPHALT SURFACE TREATMENT, SINGLE SEAL
5,015	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
4	EA	ADJUSTMENT OF MANHOLES
18	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,324	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
162,116	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
152,302	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
415	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
135	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
418	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
38	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
604	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
28,539	LF	PAINT PAVEMENT MARKING LINES (4")
604	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
945	EA	PERMANENT RAISED PAVEMENT MARKERS
482	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,040	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160719 008

CONTRACT ID : C203899 50080.3.FD1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.312 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.

DBE GOAL 14.0% COMPLETION DATE : DEC 28 2018

SR-4315 (SOUTH MAIN STREET) FROM I-40 BUSINESS RAMP TO SR-4278 (SOUTH CHERRY STREET) & SR-2648 (OLD WINSTON ROAD).

ROADWAY ITEMS					
			65	EA	CONCRETE CURB RAMP
			430	SY	6" CONCRETE DRIVEWAY
			1,990	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	415	SY	GENERIC PAVING ITEM
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			8" REINFORCED CONCRETE PAVEMENT (TRUCK APRON)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	ADJUSTMENT OF CATCH BASINS
4,160	CY	UNCLASSIFIED EXCAVATION	22	EA	ADJUSTMENT OF MANHOLES
350	CY	UNDERCUT EXCAVATION	27	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,390	CY	BORROW EXCAVATION	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE
10	CY	DRAINAGE DITCH EXCAVATION	2	TON	RIP RAP, CLASS B
3,250	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	125	SY	GEOTEXTILE FOR DRAINAGE
350	CY	SELECT GRANULAR MATERIAL	17	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
100	TON	GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL	256	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
380	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	750	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1,180	SY	FOUNDATION CONDITIONING GEOTEXTILE	1	EA	SIGN ERECTION, TYPE D
168	LF	15" DRAINAGE PIPE	39	EA	SIGN ERECTION, TYPE E
52	LF	18" DRAINAGE PIPE	16	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
12	LF	24" DRAINAGE PIPE	10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2	EA	*** DRAINAGE PIPE ELBOWS (15")	251	SF	WORK ZONE SIGNS (STATIONARY)
504	LF	15" RC PIPE CULVERTS, CLASS III	192	SF	WORK ZONE SIGNS (PORTABLE)
280	LF	18" RC PIPE CULVERTS, CLASS III	72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	30" RC PIPE CULVERTS, CLASS III	1	EA	FLASHING ARROW BOARD
8	LF	***** RC PIPE CULVERTS, CLASS IV (12")	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1,716	LF	15" RC PIPE CULVERTS, CLASS IV	155	EA	DRUMS
580	LF	18" RC PIPE CULVERTS, CLASS IV	128	LF	BARRICADES (TYPE III)
132	LF	24" RC PIPE CULVERTS, CLASS IV	240	HR	FLAGGER
402	LF	PIPE REMOVAL	40	HR	LAW ENFORCEMENT
Lump Sum	LS	FINE GRADING	176	EA	SKINNY DRUM
3,000	TON	STABILIZER AGGREGATE	9	EA	TUBULAR MARKERS (FIXED)
260	TON	AGGREGATE BASE COURSE	5,960	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
280	TON	INCIDENTAL STONE BASE	11,863	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
14,200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	545	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
340	SY	INCIDENTAL MILLING	1,618	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
3,470	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	959	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
2,840	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	58	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
3,440	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	265	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
500	TON	ASPHALT BINDER FOR PLANT MIX	10	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
47	EA	RIGHT OF WAY MARKERS	110	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
36	CY	FLOWABLE FILL	37,378	LF	PAINT PAVEMENT MARKING LINES (4")
56	EA	MASONRY DRAINAGE STRUCTURES	1,100	LF	PAINT PAVEMENT MARKING LINES (6")
18	LF	MASONRY DRAINAGE STRUCTURES	6,860	LF	PAINT PAVEMENT MARKING LINES (8")
15	EA	FRAME WITH TWO GRATES, STD 840.16	270	LF	PAINT PAVEMENT MARKING LINES (12")
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	1,830	LF	PAINT PAVEMENT MARKING LINES (24")
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	22	EA	PAINT PAVEMENT MARKING CHARACTER
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	214	EA	PAINT PAVEMENT MARKING SYMBOL
6	EA	FRAME WITH COVER, STD 840.54	10,260	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
10	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	600	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
100	LF	***,*** CONCRETE CURB & GUTTER (2'-0")	300	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
290	LF	1'-6" CONCRETE CURB & GUTTER	60	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
5,860	LF	2'-6" CONCRETE CURB & GUTTER			
440	LF	CONCRETE VALLEY GUTTER			
3,820	SY	4" CONCRETE SIDEWALK			

6	EA	7' U-CHANNEL POSTS			
6	EA	OBJECT MARKERS (END OF ROAD)			
704	LF	6" WATER LINE			
1,822	LF	8" WATER LINE			
403	LF	12" WATER LINE			
5	EA	6" VALVE			
3	EA	8" VALVE			
2	EA	12" VALVE			
2	EA	6" TAPPING VALVE			
1	EA	8" TAPPING VALVE			
1	EA	2" BLOW OFF			
8	EA	*** WATER METER (1")			
6	EA	*** WATER METER (5/8")			
6	EA	2" WATER METER			
2	EA	RELOCATE WATER METER			
4	EA	FIRE HYDRANT			
1	EA	RELOCATE FIRE HYDRANT			
7	EA	SANITARY SEWER CLEAN-OUT			
256	LF	ABANDON 8" UTILITY PIPE			
4	EA	REMOVE FIRE HYDRANT			
2	EA	ABANDON UTILITY MANHOLE			
150	LF	16" ENCASEMENT PIPE			
85	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL			
85	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL			
2	EA	GENERIC UTILITY ITEM ADJUST SEWER CLEANOUT			
Lump Sum	LS	GENERIC UTILITY ITEM ABANDON & REMOVE UTILITY VAULT			
7,105	LF	TEMPORARY SILT FENCE			
70	TON	STONE FOR EROSION CONTROL, CLASS A			
100	TON	STONE FOR EROSION CONTROL, CLASS B			
505	TON	SEDIMENT CONTROL STONE			
3.5	ACR	TEMPORARY MULCHING			
300	LB	SEED FOR TEMPORARY SEEDING			
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
200	LF	TEMPORARY SLOPE DRAINS			
200	LF	SAFETY FENCE			
180	CY	SILT EXCAVATION			
300	SY	MATTING FOR EROSION CONTROL			
2,335	LF	1/4" HARDWARE CLOTH			
65	LF	*** TEMPORARY PIPE (15")			
590	LF	WATTLE			
30	LF	COIR FIBER BAFFLE			
3	ACR	SEEDING & MULCHING			
3	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			
1	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE			
8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
4,150	LF	SIGNAL CABLE			
9	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
400	LF	MESSENGER CABLE (1/4")			
450	LF	MESSENGER CABLE (3/8")			
100	LF	TRACER WIRE			
100	LF	DIRECTIONAL DRILL (***** (1, 2"))			
8	EA	JUNCTION BOX (STANDARD SIZE)			
2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)			
1	EA	GUY ASSEMBLY			
4	EA	1/2" RISER WITH WEATHERHEAD			
1	EA	1" RISER WITH WEATHERHEAD			
5	EA	2" RISER WITH WEATHERHEAD			
1	EA	2" RISER WITH HEAT SHRINK TUBING			
1,525	LF	INDUCTIVE LOOP SAWCUT			
7,100	LF	LEAD-IN CABLE (***** (1, 2"))			
570	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
1	EA	SPLICE ENCLOSURE			
1	EA	INTERCONNECT CENTER			
1	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT			
4	EA	METAL STRAIN SIGNAL POLE			
4	EA	SOIL TEST			
24	CY	DRILLED PIER FOUNDATION			
4	EA	TYPE I POST WITH FOUNDATION			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
9	EA	DETECTOR CARD (TYPE 2070L)			
1	EA	CABINET BASE EXTENDER			
1	EA	TRAFFIC SIGNAL REMOVAL			
300	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE			
WALL ITEMS					
883	SF	SEGMENTAL GRAVITY RETAINING WALLS			
1,598	SF	CIP GRAVITY RETAINING WALLS			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 009

CONTRACT ID : C203889 42265.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.322 MI

COUNTY : CABARRUS

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : JAN 28 2020

BRIDGE #14 & #19 OVER ROCKY RIVER AND ACCESS ROAD ON US-29.

ROADWAY ITEMS					
			340	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			170	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
Lump Sum	LS	MOBILIZATION	7	EA	ADJUSTMENT OF MANHOLES
Lump Sum	LS	CONSTRUCTION SURVEYING	4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+39.92 -L- SB)	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+48.29 -L- NB)	1,225	LF	STEEL BM GUARDRAIL
1,000	CY	UNDERCUT EXCAVATION	5	EA	ADDITIONAL GUARDRAIL POSTS
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
Lump Sum	LS	GRADING	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77, SHOP CURVED)
21,600	CY	BORROW EXCAVATION	3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
300	CY	DRAINAGE DITCH EXCAVATION	8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
300	CY	SELECT GRANULAR MATERIAL	2,300	LF	REMOVE EXISTING GUARDRAIL
1,000	SY	GEOTEXTILE FOR SOIL STABILIZATION	275	LF	TEMPORARY STEEL BM GUARDRAIL
3,588	SF	TEMPORARY SHORING	4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)
365	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
714	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (M-350)
132	LF	15" DRAINAGE PIPE	790	LF	CHAIN LINK FENCE, 48" FABRIC
120	LF	18" DRAINAGE PIPE	65	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
92	LF	24" DRAINAGE PIPE	12	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
52	LF	15" SIDE DRAIN PIPE	2,160	TON	RIP RAP, CLASS II
1,392	LF	15" RC PIPE CULVERTS, CLASS IV	139	TON	RIP RAP, CLASS B
288	LF	15" CS PIPE CULVERTS, 0.064" THICK	1,820	SY	GEOTEXTILE FOR DRAINAGE
8	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
388	LF	PIPE REMOVAL	354.5	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
300	CY	SHALLOW UNDERCUT	2	EA	SIGN ERECTION, TYPE D
540	TON	CLASS IV SUBGRADE STABILIZATION	18	EA	SIGN ERECTION, TYPE E
1,673	TON	AGGREGATE BASE COURSE	2	EA	SIGN ERECTION, TYPE F
100	TON	INCIDENTAL STONE BASE	29	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
254.1	GAL	PRIME COAT	276	SF	WORK ZONE SIGNS (STATIONARY)
350	SY	INCIDENTAL MILLING	379	SF	WORK ZONE SIGNS (PORTABLE)
3,830	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	179	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3,190	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2	EA	FLASHING ARROW BOARD
3,320	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	6	EA	PORTABLE CHANGEABLE MESSAGE SIGN
525	TON	ASPHALT BINDER FOR PLANT MIX	180	EA	DRUMS
75	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	46	EA	CONES
12	EA	RIGHT OF WAY MARKERS	160	LF	BARRICADES (TYPE III)
29	EA	MASONRY DRAINAGE STRUCTURES	960	HR	FLAGGER
10	LF	MASONRY DRAINAGE STRUCTURES	2	EA	TEMPORARY CRASH CUSHIONS
3	EA	FRAME WITH TWO GRATES, STD 840.16	3	EA	TMA
1	EA	FRAME WITH TWO GRATES, STD 840.24	544	LF	PORTABLE CONCRETE BARRIER
5	EA	FRAME WITH TWO GRATES, STD 840.29	2,026	LF	WATER FILLED BARRIER
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	96	HR	LAW ENFORCEMENT
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	1,200	LF	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL SAFETY FENCE
3	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	223	EA	TEMPORARY RAISED PAVEMENT MARKERS
2	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	4,835	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,080	LF	1'-6" CONCRETE CURB & GUTTER	2,379	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,435	LF	2'-6" CONCRETE CURB & GUTTER	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
55	LF	SHOULDER BERM GUTTER	4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,610	SY	4" CONCRETE SIDEWALK	195	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
3	EA	CONCRETE CURB RAMP			
30	SY	6" CONCRETE DRIVEWAY			
17	SY	4" CONCRETE PAVED DITCH			

			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+44.10-L-LTLN)
1,925	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	129	LF	4'-0" DIA DRILLED PIERS IN SOIL
55	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)	66	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
1	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (III)	132	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
1	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)	2	EA	SID INSPECTIONS
			2	EA	SPT TESTING
			2	EA	CSL TESTING
53,935	LF	PAINT PAVEMENT MARKING LINES (4")	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+44.10-L-LTLN)
951	LF	PAINT PAVEMENT MARKING LINES (8")	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+44.10-L-LTLN)
6	EA	PAINT PAVEMENT MARKING CHARACTER	24,824	SF	REINFORCED CONCRETE DECK SLAB
16	EA	PAINT PAVEMENT MARKING SYMBOL	24,482	SF	GROOVING BRIDGE FLOORS
3	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	295.1	CY	CLASS A CONCRETE (BRIDGE)
21	EA	PERMANENT RAISED PAVEMENT MARKERS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+44.10-L-LTLN)
1,066	LF	16" WATER LINE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+44.10-L-LTLN)
1	EA	16" VALVE	61,087	LB	REINFORCING STEEL (BRIDGE)
1	EA	2" BLOW OFF	7,110	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2	EA	RECONNECT WATER METER	3,032.16	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
2	EA	RELOCATE FIRE HYDRANT	1,715	LF	HP12X53 STEEL PILES
1,030	LF	ABANDON 16" UTILITY PIPE	420.1	LF	TWO BAR METAL RAIL
60	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL	972.88	LF	CONCRETE BARRIER RAIL
60	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL	218.23	LF	1'-***X ***** CONCRETE PARAPET (1'-2" x 2'-6")
165	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT (POLY-WRAP)	218.23	LF	1'-***X ***** CONCRETE PARAPET (1'-2" x 2'-6")
3,870	LF	TEMPORARY SILT FENCE	785	SY	4" SLOPE PROTECTION
360	TON	STONE FOR EROSION CONTROL, CLASS A	1,115	TON	RIP RAP CLASS II (2'-0" THICK)
645	TON	STONE FOR EROSION CONTROL, CLASS B	1,235	SY	GEOTEXTILE FOR DRAINAGE
830	TON	SEDIMENT CONTROL STONE	Lump Sum	LS	ELASTOMERIC BEARINGS
2.8	ACR	TEMPORARY MULCHING	Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
200	LB	SEED FOR TEMPORARY SEEDING			
2	TON	FERTILIZER FOR TEMPORARY SEEDING			
800	LF	TEMPORARY SLOPE DRAINS			
200	LF	SAFETY FENCE			
1,380	CY	SILT EXCAVATION			
6,475	SY	MATting FOR EROSION CONTROL			
225	SY	COIR FIBER MAT			
80	SY	PERMANENT SOIL REINFORCEMENT MAT			
1,285	LF	1/4" HARDWARE CLOTH			
12	EA	SPECIAL STILLING BASINS			
680	LF	WATTLE			
240	LB	POLYACRYLAMIDE (PAM)			
500	LF	COIR FIBER BAFFLE			
3	EA	*** SKIMMER (1-1/2")			
2.8	ACR	SEEDING & MULCHING			
1.4	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
100	LB	SEED FOR SUPPLEMENTAL SEEDING			
2.75	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
18	EA	RESPONSE FOR EROSION CONTROL			
6	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE			

WALL ITEMS

840	SF	MSE RETAINING WALL NO **** (1)
-----	----	--------------------------------

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (21+44.10-L-LTLN)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (21+44.10-L-LTLN)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160719 010

CONTRACT ID : C203874 46426.3.1

DIV OFFICE SHELBY

LENGTH = 8.100 MI

COUNTY : GASTON

PAVEMENT REHABILITATION.

DBE GOAL 8.0% COMPLETION DATE : NOV 01 2017

I-85 FROM MM-13.9 TO MM-22.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
608,941	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
1,000	SY	INCIDENTAL MILLING
68,210	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
3,888	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
6,000	TON	PATCHING EXISTING PAVEMENT
171,072	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
6	EA	RETROFIT EXISTING CURB RAMP
6	EA	CONCRETE CURB RAMP
26,337.5	LF	STEEL BM GUARDRAIL
50	EA	ADDITIONAL GUARDRAIL POSTS
38	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
55	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
30	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
3	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83
30,013	LF	REMOVE EXISTING GUARDRAIL
344	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
40	HR	LAW ENFORCEMENT
275	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
62	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
246,390	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
10,125	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
2,724	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
2,055	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 011

CONTRACT ID : C203891 2017CPT.13.01.10111 DIV OFFICE ASHEVILLE

LENGTH = 86.590 MI

COUNTY : BUNCOMBE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 15 2017

1 SECTION EACH OF US-19, US-70 & NC-251, AND 77 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,181	TON	INCIDENTAL STONE BASE
22.4	SMI	SHOULDER RECONSTRUCTION
8,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
66,650	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
19,070	SY	INCIDENTAL MILLING
4,300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
48,149	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
20,677	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,202	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
4,564	TON	ASPHALT BINDER FOR PLANT MIX
1,943	TON	PATCHING EXISTING PAVEMENT
167,810	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
167,810	SY	ASPHALT SURFACE TREATMENT, FOG SEAL
92,315	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
218,911	SY	GENERIC PAVING ITEM LATEX MODIFIED MICROSURFACING, TYPE III
87	EA	ADJUSTMENT OF MANHOLES
65	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
9,767	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
78	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
398	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,055	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
74	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
210	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,161,736	LF	PAINT PAVEMENT MARKING LINES (4")
342	LF	PAINT PAVEMENT MARKING LINES (8")
363,053	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
244	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
2,826	EA	SNOWPLOWABLE PAVEMENT MARKERS
6,000	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 012

CONTRACT ID : C203897 2017CPT.13.03.10571 DIV OFFICE ASHEVILLE

LENGTH = 42.940 MI

COUNTY : MADISON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : OCT 15 2017

1 SECTION EACH OF NC-63, US-25/70 BUSINESS, NC-251, US-25/70 & NC-213, AND 20 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,715	TON	INCIDENTAL STONE BASE
67.73	SMI	SHOULDER RECONSTRUCTION
5,000	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
5,105	SY	INCIDENTAL MILLING
18,831	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
22,077	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,608	TON	ASPHALT BINDER FOR PLANT MIX
534	TON	PATCHING EXISTING PAVEMENT
93,070	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
93,070	SY	ASPHALT SURFACE TREATMENT, FOG SEAL
51,197	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
4,966	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
48	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
44	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,783,456	LF	PAINT PAVEMENT MARKING LINES (4")
1,054	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 013

CONTRACT ID : C203894 2017CPT.13.04.10591 DIV OFFICE ASHEVILLE

LENGTH = 39.460 MI

COUNTY : MCDOWELL

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : OCT 15 2017

1 SECTION EACH OF US-64 & NC-226, 2 SECTIONS OF US-221, AND 21 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
886	TON	INCIDENTAL STONE BASE
9.52	SMI	SHOULDER RECONSTRUCTION
79,356	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
13,024	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3/4")
5,433	SY	INCIDENTAL MILLING
14,594	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
13,629	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,790	TON	ASPHALT BINDER FOR PLANT MIX
49	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
803	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
5,155	TON	PATCHING EXISTING PAVEMENT
230,773	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
126,889	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
9,200	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
4	EA	ADJUSTMENT OF DROP INLETS
3	EA	ADJUSTMENT OF MANHOLES
4,713	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
65	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
45	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
372	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
98	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,525,892	LF	PAINT PAVEMENT MARKING LINES (4")
1,109	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,850	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 014

CONTRACT ID : C203892 2017CPT.13.05.10611 DIV OFFICE ASHEVILLE

LENGTH = 24.250 MI

COUNTY : MITCHELL

MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : OCT 15 2017

1 SECTION EACH OF NC-226, US-19E & NC-197 AND 20 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
593	TON	INCIDENTAL STONE BASE
12.96	SMI	SHOULDER RECONSTRUCTION
4,785	SY	INCIDENTAL MILLING
8,511	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,276	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
865	TON	ASPHALT BINDER FOR PLANT MIX
2,490	TON	PATCHING EXISTING PAVEMENT
131,261	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
72,164	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
2	EA	ADJUSTMENT OF MANHOLES
5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,740	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
225	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
286	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
804,564	LF	PAINT PAVEMENT MARKING LINES (4")
765	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160719 015

CONTRACT ID : C203898 2017CPT.13.06.10811 DIV OFFICE ASHEVILLE

LENGTH = 59.870 MI

COUNTY : RUTHERFORD

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : OCT 15 2017

US-74 A FROM US-221 ALT TO US-74 AND 39 SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,047	TON	INCIDENTAL STONE BASE
81.78	SMI	SHOULDER RECONSTRUCTION
17,600	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,500	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
7,250	SY	INCIDENTAL MILLING
22,335	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
33,627	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,593	TON	ASPHALT BINDER FOR PLANT MIX
11,060	TON	PATCHING EXISTING PAVEMENT
229,998	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
126,436	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
7,368	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
1,690	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
670	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
125	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,557,236	LF	PAINT PAVEMENT MARKING LINES (4")
1,500	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,000	LF	INDUCTIVE LOOP SAWCUT

				7	EA	RESET TEMPORARY CRASH CUSHION
			4	EA	TMA	
			2,384	LF	PORTABLE CONCRETE BARRIER	
50	LF	STEEL BM GUARDRAIL, SHOP CURVED	690	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	
1	EA	W-TR STEEL BM GUARDRAIL TRAN- SITION SECTIONS	605	LF	RESET PORTABLE CONCRETE BAR- RIER	
10	EA	ADDITIONAL GUARDRAIL POSTS	161	LF	WATER FILLED BARRIER	
8	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)	808	HR	LAW ENFORCEMENT	
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MODIFIED)	200	EA	SKINNY DRUM	
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	85	LF	GENERIC TRAFFIC CONTROL ITEM TEMPORARY 6' FENCE	
5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	1,892	EA	TEMPORARY RAISED PAVEMENT MARKERS	
6	EA	GUARDRAIL ANCHOR UNITS, TYPE III	3,885	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
1,920	LF	REMOVE EXISTING GUARDRAIL	16,228	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
600	LF	TEMPORARY STEEL BM GUARDRAIL	5,167	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT -1)	716	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	2,251	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	
50	LF	GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL SHOP CURVED THRIE BEAM	5,858	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
37.5	LF	GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL STRAIGHT THRIE BEAM	36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	
12	EA	GENERIC GUARDRAIL ITEM CONCRETE BOLLARDS	201	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
2	EA	GENERIC GUARDRAIL ITEM IMPACT ATTENUATOR UNIT, TYPE 350 TL-2	434	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	
145	LF	CHAIN LINK FENCE, *** FABRIC (60")	912	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	
110	LF	CHAIN LINK FENCE, *** FABRIC (72")	199	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)	
13	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (60")	32	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)	
9	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")	4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)	
4	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60")	5	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)	
2	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")	133,925	LF	PAINT PAVEMENT MARKING LINES (4")	
210	LF	WOVEN WIRE FENCE RESET	13,808	LF	PAINT PAVEMENT MARKING LINES (8")	
900	LF	CHAIN LINK FENCE RESET	10,646	LF	PAINT PAVEMENT MARKING LINES (24")	
1,050	LF	GENERIC FENCING ITEM HANDRAIL ON RETAINING WALL	158	EA	PAINT PAVEMENT MARKING CHARAC- TER	
110	LF	GENERIC FENCING ITEM TEMPORARY 72" CHAIN LINK FENCE WITH POSTS	335	EA	PAINT PAVEMENT MARKING SYMBOL	
80	TON	RIP RAP, CLASS II	35,915	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
2,137	TON	RIP RAP, CLASS B	1,765	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	
4,565	SY	GEOTEXTILE FOR DRAINAGE	1,348	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	
1,192	TF	RAILROAD TRACK TO BE REMOVED	53	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	
Lump Sum	LS	GENERIC TRACKWORK ITEM JUNCTION BOX NO 1	635	EA	PERMANENT RAISED PAVEMENT MARKERS	
Lump Sum	LS	GENERIC TRACKWORK ITEM JUNCTION BOX NO 2	1	EA	***' HIGH MOUNT STANDARD (60')	
Lump Sum	LS	GENERIC TRACKWORK ITEM JUNCTION BOX REMOVAL	1	EA	120' HIGH MOUNT STANDARD	
1	EA	GENERIC TRACKWORK ITEM 12" BALLAST SCREEN	1	EA	PORTABLE DRIVE UNIT	
3,500	TON	GENERIC TRACKWORK ITEM BALLAST	14	CY	HIGH MOUNT FOUNDATIONS	
4,522	TON	GENERIC TRACKWORK ITEM SUB-BALLAST	8	EA	LIGHT STANDARD, TYPE MTLT ***** (45' TA 15' ARM)	
2,322	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	11	EA	STANDARD FOUNDATION ***** (TYPE R1)	
2	EA	SIGN ERECTION, TYPE D	2	EA	STANDARD FOUNDATION ***** (TYPE R2)	
141	EA	SIGN ERECTION, TYPE E	1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)	
26	EA	SIGN ERECTION, TYPE F	25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	
86	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V)	
7,162	SF	WORK ZONE SIGNS (STATIONARY)	305	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	
1,261	SF	WORK ZONE SIGNS (PORTABLE)	150	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	
1,573	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	225	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")	
5	EA	FLASHING ARROW BOARD				
10	EA	PORTABLE CHANGEABLE MESSAGE SIGN				
475	EA	DRUMS				
100	EA	CONES				
1,616	LF	BARRICADES (TYPE III)				
3,168	HR	FLAGGER				
16	EA	TEMPORARY CRASH CUSHIONS				

			2.5	M/G	WATER
			10.25	TON	FERTILIZER TOPDRESSING
			2,500	LF	IMPERVIOUS DIKE
820	LF	** #8 W/G FEEDER CIRCUIT (2)	40	MHR	SPECIALIZED HAND MOWING
6,050	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	25	EA	RESPONSE FOR EROSION CONTROL
8	EA	GENERIC LIGHTING ITEM 120' HIGH MOUNT LUMINAIRE - LED	0.25	ACR	REFORESTATION
4	EA	GENERIC LIGHTING ITEM 60' HIGH MOUNT LUMINAIRE - LED	15	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
10	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES PC18	20	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
1	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES PC36	10	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
4	EA	GENERIC LIGHTING ITEM LIGHT STANDARD, TYPE MTLT, 45' SA, 15' ARM, BEHIND GR	18	CY	CONCRETE STEPS
1	EA	GENERIC LIGHTING ITEM LIGHT STANDARD, TYPE MTLT, 45' SA, 15' ARM, EXPOSED	209	LF	HANDRAIL ON STEPS
21	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMINAIRE - LED	105	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
1,314	LF	*** WATER LINE (36")	35,200	LF	SIGNAL CABLE
74	LF	2" WATER LINE	153	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
4,341	LF	6" WATER LINE	15	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1,386	LF	8" WATER LINE	2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2,528	LF	12" WATER LINE	3,010	LF	MESSENGER CABLE (3/8")
2,669	LF	16" WATER LINE	450	LF	TRACER WIRE
106	LF	24" WATER LINE	170	LF	PAVED TRENCHING (***** (1, 2"))
7	EA	*** VALVE (36")	3,560	LF	UNPAVED TRENCHING (***** (1, 2"))
1	EA	2" VALVE	250	LF	UNPAVED TRENCHING (***** (2, 2"))
40	EA	6" VALVE	1,790	LF	DIRECTIONAL DRILL (***** (2, 2"))
9	EA	8" VALVE	41	EA	JUNCTION BOX (STANDARD SIZE)
15	EA	12" VALVE	21	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
19	EA	16" VALVE	25	EA	WOOD POLE
2	EA	24" VALVE	57	EA	GUY ASSEMBLY
1	EA	3/4" WATER METER	29	EA	1/2" RISER WITH WEATHERHEAD
106	EA	RELOCATE WATER METER	26	EA	1" RISER WITH WEATHERHEAD
3	EA	RECONNECT WATER METER	39	EA	2" RISER WITH WEATHERHEAD
1	EA	FIRE HYDRANT	1	EA	HEAT SHRINK TUBING RETROFIT KIT
16	EA	RELOCATE FIRE HYDRANT	5	EA	2" RISER WITH HEAT SHRINK TUBING
8,750	LF	8" SANITARY GRAVITY SEWER	6,990	LF	INDUCTIVE LOOP SAWCUT
266	LF	12" SANITARY GRAVITY SEWER	9,530	LF	LEAD-IN CABLE (***** (14-2))
148	EA	SANITARY SEWER CLEAN-OUT	7	EA	SITE SURVEY
83	EA	4' DIA UTILITY MANHOLE	27	EA	CAMERA WITH INTERNAL LOOP EMULATOR PROCESSING UNIT
172	LF	UTILITY MANHOLE WALL, 4' DIA	1,400	LF	DROP CABLE
4,992	LF	ABANDON 8" UTILITY PIPE	5	EA	SPLICE ENCLOSURE
2,469	LF	ABANDON 12" UTILITY PIPE	1	EA	MODIFY SPLICE ENCLOSURE
2,816	LF	ABANDON 16" UTILITY PIPE	8	EA	INTERCONNECT CENTER
1,315	LF	ABANDON 24" UTILITY PIPE	7	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
8	EA	REMOVE WATER METER	1	EA	METAL POLE WITH SINGLE MAST ARM
15	EA	ABANDON UTILITY MANHOLE	13	EA	METAL POLE WITH DUAL MAST ARM
31	EA	REMOVE UTILITY MANHOLE	14	EA	SOIL TEST
1	EA	GENERIC UTILITY ITEM 24" FLUSHING CONNECTION ASSEMBLY	126	CY	DRILLED PIER FOUNDATION
1	EA	GENERIC UTILITY ITEM 6" AIR RELEASE ASSEMBLY	14	EA	MAST ARM WITH METAL POLE DESIGN
190	LF	GENERIC UTILITY ITEM 30" ENCASMENT PIPE	105	EA	SIGN FOR SIGNALS
20,000	LF	TEMPORARY SILT FENCE	50	EA	TYPE I POST WITH FOUNDATION
1,200	TON	STONE FOR EROSION CONTROL, CLASS A	25	EA	TYPE II PEDESTAL WITH FOUNDATION
435	TON	STONE FOR EROSION CONTROL, CLASS B	7	EA	SIGNAL CABINET FOUNDATION
2,055	TON	SEDIMENT CONTROL STONE	140	EA	DETECTOR CARD (TYPE 170)
13.5	ACR	TEMPORARY MULCHING	7	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
900	LB	SEED FOR TEMPORARY SEEDING	7	EA	CABINET BASE EXTENDER
4.5	TON	FERTILIZER FOR TEMPORARY SEEDING	2	EA	METAL POLE FOUNDATION REMOVAL
400	LF	TEMPORARY SLOPE DRAINS	2	EA	METAL POLE REMOVAL
1,000	LF	SAFETY FENCE	4	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE
1,210	CY	SILT EXCAVATION	1	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
15,000	SY	MATting FOR EROSION CONTROL	1	EA	GENERIC SIGNAL ITEM CCTV EQUIPMENT CABINET DISCONNECT
100	SY	COIR FIBER MAT	1	EA	GENERIC SIGNAL ITEM CCTV METAL POLE DESIGN
1,700	LF	1/4" HARDWARE CLOTH	1	EA	GENERIC SIGNAL ITEM CCTV SOIL TEST
40	EA	SPECIAL STILLING BASINS	1	EA	GENERIC SIGNAL ITEM INSTALL CCTV FIELD EQUIPMENT CABINET
800	LF	WATTLE	1	EA	GENERIC SIGNAL ITEM INSTALL CCTV METAL POLE
225	LB	POLYACRYLAMIDE (PAM)			
200	LF	COIR FIBER BAFFLE			
10	ACR	SEEDING & MULCHING			
9	ACR	MOWING			
150	LB	SEED FOR REPAIR SEEDING			
0.5	TON	FERTILIZER FOR REPAIR SEEDING			
350	LB	SEED FOR SUPPLEMENTAL SEEDING			
260	SY	SODDING			

			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+00.86 -LALT-)	
			244,562	LB	REINFORCING STEEL (BRIDGE)	
1	EA	GENERIC SIGNAL ITEM INSTALL DIVISION FURNISHED MVD UNIT	55,372	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)	
12	EA	GENERIC SIGNAL ITEM OPTICALLY ACTIVATED TRAFFIC SIGNAL PRIORITY CONTROL SYS- TEMS	14,584	LB	EPOXY COATED SPIRAL COLUMN RE- INFORCING STEEL (BRIDGE)	
			37,867	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	
2	EA	GENERIC SIGNAL ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	771.88	LF	54" PRESTRESSED CONCRETE GIR- DERS	
			1,827,994	LS	APPROX LBS STRUCTURAL STEEL	
1	EA	GENERIC SIGNAL ITEM REMOVE EXISTING CCTV ELECTRICAL SERVICE EQUIPMENT	1,456	LF	HP12X53 STEEL PILES	
			8	EA	STEEL PILE POINTS	
1	EA	GENERIC SIGNAL ITEM REMOVE EXISTING CCTV CAMERA ASSEMBLY	53.3	SY	METHOD A WATERPROOFING	
			295.78	LF	TWO BAR METAL RAIL	
2	EA	GENERIC SIGNAL ITEM SCHOOL FLASHER	656.6	LF	1'-***X ***** CONCRETE PARA- PET (1'-0" X 2'-0")	
1	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSCEIVER	667.95	LF	1'-***X ***** CONCRETE PARA- PET (1'-2 3/4" X 3'-0")	
65	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR	1,829	SY	4" SLOPE PROTECTION	
80	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE	Lump Sum	LS	DISC BEARINGS	
			Lump Sum	LS	ELASTOMERIC BEARINGS	
5	CY	GENERIC SIGNAL ITEM CCTV DRILLED PIER FOUNDATION	Lump Sum	LS	FOAM JOINT SEALS	
			Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (13+22.18 -CSXN-)	
			Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (24+09.63 -LALT-)	
		***** BEGIN SCHEDULE AA ***** ***** (2 ALTERNATES) *****	Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT	
60,000	CY	UNCLASSIFIED EXCAVATION	Lump Sum	LS	GENERIC STRUCTURE ITEM CONDUIT IN PARAPET	
18,000	TON	AGGREGATE BASE COURSE	Lump Sum	LS	GENERIC STRUCTURE ITEM CONSTR.MAINT AND REMOVAL OF TEMPORARY SPAN	
7,090	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING OF STRUCTURAL STEEL (CSX)	
1,743	TON	ASPHALT BINDER FOR PLANT MIX *** OR ***	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING OF STRUCTURAL STEEL (NS)	
55,000	CY	UNCLASSIFIED EXCAVATION	Lump Sum	LS	GENERIC STRUCTURE ITEM SELF-LUBRICATING EXP BEARING ASSEMBLIES	
13,850	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY RAILROAD SHORING @ STATION 24+09.63 -LALT-	
2,070	TON	ASPHALT BINDER FOR PLANT MIX	Lump Sum	LS	GENERIC STRUCTURE ITEM (4'-0")(LFD) DRILLED PIERS IN SOIL	
		*** END SCHEDULE AA ***	Lump Sum	LS	GENERIC STRUCTURE ITEM (4'-0")(LFD) DRILLED PIERS NOT IN SOIL	
		WALL ITEMS	Lump Sum	LS	GENERIC STRUCTURE ITEM (4'-6")(LFD) DRILLED PIERS IN SOIL	
1,090	SF	MSE RETAINING WALL NO **** (1)	146	LF	GENERIC STRUCTURE ITEM (5'-6")(LFD) DRILLED PIERS IN SOIL	
1,360	SF	MSE RETAINING WALL NO **** (4)	65	LF	GENERIC STRUCTURE ITEM ANODIZED 2 BAR METAL RAIL	
935	SF	MSE RETAINING WALL NO **** (5)	335.62	LF	GENERIC STRUCTURE ITEM BRIDGE MOUNTED CHAIN LINK FENCE, 84" FABRIC	
1,740	SF	CIP GRAVITY RETAINING WALLS	370.2	LF	GENERIC STRUCTURE ITEM HANDRAIL AND FENCE	
		STRUCTURE ITEMS	133	LF	GENERIC STRUCTURE ITEM HP12X53 STEEL PILES (LFD)	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+42.70 -LALT-)	76	LF	GENERIC STRUCTURE ITEM METAL HANDRAIL	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+22.18 -CSXN-)	97	LF	GENERIC STRUCTURE ITEM CLASS AA CONCRETE AS MODIFIED BY RAILROAD	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+00.86 -LALT-)	340.46	LF	GENERIC STRUCTURE ITEM CONCRETE	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (24+09.63 -LALT-)	335.62	LF	GENERIC STRUCTURE ITEM (1" ASPHALT PLANKING PRO- TECTIVE COURSE FOR DECK)	
80	LF	PILE EXCAVATION IN SOIL	370.2	LF	GENERIC STRUCTURE ITEM DAMPPOOFING (RR STRUCTURES)	
16	LF	PILE EXCAVATION NOT IN SOIL	1,380	LF	GENERIC STRUCTURE ITEM MEMBRANE LAYER WATER PROOF- ING SYSTEM FOR DECK	
106.15	LF	3'-6" DIA DRILLED PIERS IN SOIL	369.8	LF	GENERIC STRUCTURE ITEM TWO PART MEMBRANE WATERPROOF- ING SYSTEM	
65	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL	266.1	CY		
2	EA	SID INSPECTIONS	397.7	CY		
2	EA	CSL TESTING	913	SY		
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (13+22.18 -CSXN-)	913	SY		
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (24+09.63 -LALT-)	342.4	SY		
37,064	SF	REINFORCED CONCRETE DECK SLAB	913	SY		
25,977	SF	GROOVING BRIDGE FLOORS				
374.8	CY	CLASS A CONCRETE (BRIDGE)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+42.70 -LALT-)	37.6	SY		

478	SY	GENERIC STRUCTURE ITEM WATERPROOFING (RR STRS)
33	EA	GENERIC STRUCTURE ITEM CSL TESTING (LFD)
33	EA	GENERIC STRUCTURE ITEM SID INSPECTIONS (LFD)
17	EA	GENERIC STRUCTURE ITEM SPT TESTING (LFD)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160816 001

CONTRACT ID : C203789 40233.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.929 MI

COUNTY : PENDER

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : NOV 11 2020

BRIDGE #16 OVER INTRACOASTAL WATERWAY ON NC-50/210.

ROADWAY ITEMS					
		790	LF	***X*** CONCRETE CURB (9" X 18")	
		560	LF	1'-6" CONCRETE CURB & GUTTER	
		4,490	LF	2'-6" CONCRETE CURB & GUTTER	
		1,450	SY	4" CONCRETE SIDEWALK	
		47	EA	CONCRETE CURB RAMP	
		220	SY	6" CONCRETE DRIVEWAY	
		1,720	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	
		2,440	SY	GENERIC PAVING ITEM 10' MULTIUSE PATH	
		420	SY	GENERIC PAVING ITEM 7" CONCRETE TRUCK APRON	
	Lump Sum	LS		GENERIC PAVING ITEM 32" CONCRETE BARRIER WITH MOMENT SLAB	
		287.5	LF	STEEL BM GUARDRAIL	
		25	LF	STEEL BM GUARDRAIL, SHOP CURVED	
		6	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	
		5	EA	ADDITIONAL GUARDRAIL POSTS	
		1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)	
		1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	
		2	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
		40	LF	REMOVE EXISTING GUARDRAIL	
		328	LF	CHAIN LINK FENCE, 48" FABRIC	
		27	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	
		10	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	
		370	LF	GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL	
		19	TON	RIP RAP, CLASS B	
		2,321	SY	GEOTEXTILE FOR DRAINAGE	
		1,235	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
		3	EA	SIGN ERECTION, TYPE D	
		81	EA	SIGN ERECTION, TYPE E	
		4	EA	SIGN ERECTION, TYPE F	
		40	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	
		611	SF	WORK ZONE SIGNS (STATIONARY)	
		320	SF	WORK ZONE SIGNS (PORTABLE)	
		302	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
		2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	
		28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	
		100	EA	DRUMS	
		20	EA	CONES	
		256	LF	BARRICADES (TYPE III)	
		540	DAY	FLAGGER	
		250	LF	WATER FILLED BARRIER	
		16	HR	LAW ENFORCEMENT	
		130	EA	SKINNY DRUM	
		50	LF	GENERIC TRAFFIC CONTROL ITEM FIXED OBJECT DELINEATION	
		125	EA	TEMPORARY RAISED PAVEMENT MARKERS	
		13,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
		4,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
		950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	
		229	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	
		126	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	
		2,725	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
		90	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
Lump Sum	LS			MOBILIZATION	
Lump Sum	LS			CONSTRUCTION SURVEYING	
Lump Sum	LS			GENERIC MISCELLANEOUS ITEM INSPECTION VESSEL	
3,100	CY			UNDERCUT EXCAVATION	
1	ACR			SUPPLEMENTARY CLEARING & GRUB-BING	
Lump Sum	LS			GRADING	
23,000	CY			BORROW EXCAVATION	
12	CY			DRAINAGE DITCH EXCAVATION	
3,850	CY			SELECT GRANULAR MATERIAL, CLASS III	
6,850	SY			GEOTEXTILE FOR SOIL STABILIZATION	
Lump Sum	LS			GENERIC GRADING ITEM PERMANENT INFILTRATION BASIN	
360	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	
1,120	SY			FOUNDATION CONDITIONING GEOTEXTILE	
2,316	LF			15" RC PIPE CULVERTS, CLASS IV	
688	LF			18" RC PIPE CULVERTS, CLASS IV	
92	LF			24" RC PIPE CULVERTS, CLASS IV	
76	LF			36" RC PIPE CULVERTS, CLASS IV	
679	LF			PIPE REMOVAL	
3	EA			PIPE CLEAN-OUT	
1,000	CY			SHALLOW UNDERCUT	
1,900	TON			CLASS IV SUBGRADE STABILIZATION	
119	TON			AGGREGATE BASE COURSE	
5,250	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	
1,900	SY			INCIDENTAL MILLING	
4,710	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B	
1,890	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
1,630	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
1,850	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	
520	TON			ASPHALT BINDER FOR PLANT MIX	
26	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR	
230	CY			SUBDRAIN EXCAVATION	
1,000	SY			GEOTEXTILE FOR SUBSURFACE DRAINS	
170	CY			SUBDRAIN COARSE AGGREGATE	
1,000	LF			6" PERFORATED SUBDRAIN PIPE	
2	EA			SUBDRAIN PIPE OUTLET	
12	LF			6" OUTLET PIPE	
3	CY			FLOWABLE FILL	
51	EA			MASONRY DRAINAGE STRUCTURES	
3.85	LF			MASONRY DRAINAGE STRUCTURES	
3	EA			FRAME WITH TWO GRATES, STD 840.16	
4	EA			FRAME WITH TWO GRATES, STD 840.24	
6	EA			FRAME WITH TWO GRATES, STD 840.29	
7	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	
13	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
10	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	
3	EA			FRAME WITH COVER, STD 840.54	
3	EA			STEEL FRAME WITH TWO GRATES, STD 840.37	
1	EA			CONCRETE TRANSITIONAL SECTION FOR DROP INLET	

3,813.16	LF	GENERIC STRUCTURE ITEM PEDESTRIAN RAILING
***** BEGIN SCHEDULE IA ***** ***** (2 ALTERNATES) *****		
8,957.8	CY	CLASS AA CONCRETE (BRIDGE)
5,417,195	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
506,375	LB	EPOXY COATED SPIRAL COLUMN RE- INFORCING STEEL (BRIDGE)
Lump Sum	LS	ELASTOMERIC BEARINGS
8,882.8	LF	GENERIC STRUCTURE ITEM 78" FLORIDA I-BEAM PRESTRESSED CONCRETE GIRDERS
*** OR ***		
9,090.5	CY	CLASS AA CONCRETE (BRIDGE)
5,427,463	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
506,105	LB	EPOXY COATED SPIRAL COLUMN RE- INFORCING STEEL (BRIDGE)
Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASTM A1010 STRUCTURAL STEEL
2,191.85	LF	GENERIC STRUCTURE ITEM 78" FLORIDA I-BEAM PRESTRESSED CONCRETE GIRDERS
*** END SCHEDULE IA ***		