



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

December 7, 2017

To Whom It May Concern:

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

Sincerely,

A handwritten signature in black ink, appearing to read "R. E. Davenport", written over a horizontal line.

Ronald E. Davenport, PE
State Contract Officer

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

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

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

Website: www.ncdot.gov



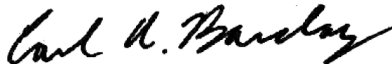
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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JAMES H. TROGDON, III
SECRETARY

November 15, 2017

NOTICE TO: All Prequalified Contractors

FROM: Carl Barclay, PE 
State Utilities Manager

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

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

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

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

Article 1550-3(B) requires:

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

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

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

TELEPHONE: 919-707-6690
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CUSTOMER SERVICE: 1-877-368-4968

WEBSITE: WWW.NCDOT.GOV

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

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON JANUARY 16, 2018. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. CERTIFICATION FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<https://connect.ncdot.gov/letting/Pages/Central-Letting-Forms.aspx>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTORS LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES MANAGEMENT SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES MANAGEMENT SECTION AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY ENSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C., 27610. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS DECEMBER 19, 2017.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 08 Nov 2017)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	R. Preston Hunter, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Ronald L Keeter, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Brandon H Jones, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	J. Scott Cole, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Mark E Stafford, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Brian C Burch, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L180116

RPN	Contract Id	WBS	County	Length	JobType
001	C204010	33808.3.1	SAMPSON	0.208 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
002	C204094	2018CPT.03.03.10101 ETC.	BRUNSWICK	57.081 MI	MILLING, RESURFACING, DRAINAGE AND SHOULDER RECONSTRUCTION.
003	C204060	34929.3.3	JOHNSTON	2.130 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.
005	C203987	40110.3.1	DURHAM	0.180 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
006	C203908	50143.3.1	WAKE	0.164 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
007	C204127	2018CPT.05.11.10921.1 ETC.	WAKE	15.530 MI	MILLING, RESURFACING, SHOULDER RECONSTRUCTION, AND SIGNALS.
008	C204121	2018CPT.05.13.10921.1 ETC.	WAKE	29.400 MI	MILLING, RESURFACING, SHOULDER GRADING, AND SIGNALS.
009	C204053	53032.3.1	DAVIDSON	7.165 MI	PAVEMENT REHABILITATION AND BRIDGE PRESERVATION.
010	C203845	34497.3.9	CLEVELAND	5.660 MI	GRADING, DRAINAGE, PAVING, SIGNING, AND SIGNALS.
011	C204011	38618.3.1	YANCEY	0.167 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
012	C204061	48058.3.2	YANCEY	0.149 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
013	C204054	46408.3.2	BUNCOMBE	6.925 MI	PAVEMENT AND BRIDGE REHABILITATION.
014	C204055	46409.3.2	BUNCOMBE	4.614 MI	BRIDGE REHABILITATION.
015	C204056	46411.3.2	BURKE	26.000 MI	PAVEMENT REHABILITATION.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180116 001

CONTRACT ID : C204010 33808.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.208 MI

COUNTY : SAMPSON

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : OCT 28 2019

BRIDGES #325, AND 326 OVER LITTLE COHARIE CREEK OVERFLOW AND 327 OVER LITTLE COHARIE CREEK ON SR-1409 (OLD SALEMURG RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+68.00 -L-)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+56.00 -L-)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+45.50 -L-)
700	CY	UNDERCUT EXCAVATION
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS	GRADING
2,050	CY	BORROW EXCAVATION
700	CY	SELECT GRANULAR MATERIAL
1,000	SY	GEOTEXTILE FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
50	SY	FOUNDATION CONDITIONING GEOTEXTILE
148	LF	15" DRAINAGE PIPE
100	CY	SHALLOW UNDERCUT
190	TON	CLASS IV SUBGRADE STABILIZATION
90	SY	INCIDENTAL MILLING
500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
600	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
65	TON	ASPHALT BINDER FOR PLANT MIX
8	EA	RIGHT OF WAY MARKERS
112	CY	SUBDRAIN EXCAVATION
500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
84	CY	SUBDRAIN COARSE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
6	EA	MASONRY DRAINAGE STRUCTURES
6	EA	FRAME WITH TWO GRATES, STD 840.29
60	LF	SHOULDER BERM GUTTER
975	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
12	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL END UNITS, TYPE TL-3
10	TON	RIP RAP, CLASS B
230	SY	GEOTEXTILE FOR DRAINAGE
18	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
338	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
2,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
14	EA	PERMANENT RAISED PAVEMENT MARKERS
5,000	LF	TEMPORARY SILT FENCE
65	TON	STONE FOR EROSION CONTROL, CLASS A
20	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
1	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS

2,600	LF	SAFETY FENCE
50	CY	SILT EXCAVATION
20,000	SY	MATTING FOR EROSION CONTROL
200	SY	COIR FIBER MAT
150	LF	1/4" HARDWARE CLOTH
250	LF	COIR FIBER WATTLE
825	LF	COIR FIBER WATTLE BARRIER
2	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
13	EA	RESPONSE FOR EROSION CONTROL
2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+68.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+56.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+45.50 -L-)
3	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+68.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+56.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19+45.50 -L-)
132	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+68.00 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+56.00 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+45.50 -L-)
16,762	LB	REINFORCING STEEL (BRIDGE)
30	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
7	EA	PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (HP 14 X 73)
1,500	LF	HP12X53 STEEL PILES
490	LF	HP14X73 GALVANIZED STEEL PILES
37	EA	PILE REDRIVES
451	LF	VERTICAL CONCRETE BARRIER RAIL
735	TON	RIP RAP CLASS II (2'-0" THICK)
825	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
350	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
700	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
Lump Sum	LS	GENERIC STRUCTURE ITEM INSTALLATION OF 3'-0" X 2'-0" PRESTRESSED CONCRETE CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180116 002

CONTRACT ID : C204094 2018CPT.03.03.10101 DIV OFFICE CASTLE HAYNE

LENGTH = 57.081 MI

COUNTY : BRUNSWICK

MILLING, RESURFACING, DRAINAGE AND SHOULDER RECONSTRUCTION.

DBE GOAL 8.0% COMPLETION DATE : MAR 31 2019

1 SECTION OF NC-130, 2 SECTIONS OF NC-179, 1 SECTION OF NC-904, AND 18 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS				
			2,479	LF THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
			780	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			24	EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			232	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			28	EA HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			27,330	LF PAINT PAVEMENT MARKING LINES (4")
			520	LF POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
			520	LF REMOVAL OF PAVEMENT MARKING LINES (4")
			78,760	LF GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PROFILED PAVEMENT MARKING LINES (EDGE LINES)
			1,534	EA PERMANENT RAISED PAVEMENT MARKERS
			1,842	EA SNOWBLOWABLE PAVEMENT MARKERS
		Lump Sum	LS	PORTABLE LIGHTING
			1,966	LF TEMPORARY SILT FENCE
			440	TON STONE FOR EROSION CONTROL, CLASS B
			440	TON SEDIMENT CONTROL STONE
			17.61	ACR TEMPORARY MULCHING
			881	LB SEED FOR TEMPORARY SEEDING
			4.45	TON FERTILIZER FOR TEMPORARY SEEDING
			500	LF SAFETY FENCE
			140	SY MATTING FOR EROSION CONTROL
			883	LF 1/4" HARDWARE CLOTH
			330	LF WATTLE
			14.86	ACR SEEDING & MULCHING
			881	LB SEED FOR REPAIR SEEDING
			4.45	TON FERTILIZER FOR REPAIR SEEDING
			15	EA RESPONSE FOR EROSION CONTROL
			960	LF INDUCTIVE LOOP SAWCUT
Lump Sum	LS	MOBILIZATION		
2,263	CY	BORROW EXCAVATION		
22	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		
68	SY	FOUNDATION CONDITIONING GEOTEXTILE		
104	LF	18" RC PIPE CULVERTS, CLASS IV		
48	LF	PIPE REMOVAL		
2,365	TON	INCIDENTAL STONE BASE		
38.57	SMI	SHOULDER RECONSTRUCTION		
37,163	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")		
226,993	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		
38,640	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")		
12,650	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")		
5,015	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5-1/2")		
670	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 4")		
2,520	SY	INCIDENTAL MILLING		
11,005	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
6,460	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
37,725	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
120	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)		
25,180	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		
125	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)		
4,758	TON	ASPHALT BINDER FOR PLANT MIX		
30	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)		
3,905	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)		
1	EA	MASONRY DRAINAGE STRUCTURES		
1	EA	FRAME WITH TWO GRATES, STD 840.16		
40	SY	GENERIC PAVING ITEM 6" CONCRETE DRIVEWAY		
24	LF	GENERIC PAVING ITEM REMOVE & REPLACE 2'-6" CURB & GUTTER		
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		
4	EA	GUARDRAIL END UNITS, TYPE TL-3		
275	LF	GENERIC GUARDRAIL ITEM REMOVE & REPLACE EXISTING GUARDRAIL		
30	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)		
100	LF	SUPPORTS, 3-LB STEEL U-CHANNEL		
8	EA	SIGN ERECTION, TYPE E		
6,432	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING		
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL		
40	HR	LAW ENFORCEMENT		
270,506	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)		
258,617	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)		
657	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)		

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180116 003

CONTRACT ID : C204060 34929.3.3

DIV OFFICE WILSON

LENGTH = 2.130 MI

COUNTY : JOHNSTON

GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : MAR 13 2020

SR-1923 (BOOKER DAIRY RD) FROM SR-1003 (BUFFALO RD) TO US-301.

ROADWAY ITEMS					
			13,970	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
Lump Sum	LS	MOBILIZATION	5,250	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	4,860	SY	INCIDENTAL MILLING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	18,090	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1	EA	SEALING ABANDONED WELLS	18,880	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
19,000	CY	UNCLASSIFIED EXCAVATION			
6,400	CY	UNDERCUT EXCAVATION	16,570	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
126,000	CY	BORROW EXCAVATION			
1,360	CY	DRAINAGE DITCH EXCAVATION	2,700	TON	ASPHALT BINDER FOR PLANT MIX
8,340	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	570	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
20	HR	PROOF ROLLING	78	EA	RIGHT-OF-WAY MARKERS
35,000	CY	SELECT GRANULAR MATERIAL	1,344	CY	SUBDRAIN EXCAVATION
47,300	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	672	CY	SUBDRAIN FINE AGGREGATE
1,330	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	4,000	LF	6" PERFORATED SUBDRAIN PIPE
4,180	SY	FOUNDATION CONDITIONING GEO- TEXTILE	8	EA	SUBDRAIN PIPE OUTLET
280	LF	15" DRAINAGE PIPE	48	LF	6" OUTLET PIPE
16	LF	18" DRAINAGE PIPE	9	CY	ENDWALLS
844	LF	36" DRAINAGE PIPE	11.9	CY	REINFORCED ENDWALLS
16	LF	42" DRAINAGE PIPE	131	EA	MASONRY DRAINAGE STRUCTURES
1,788	LF	**** RC PIPE CULVERTS, CLASS ***** (15", V)	22.093	CY	MASONRY DRAINAGE STRUCTURES
236	LF	**** RC PIPE CULVERTS, CLASS ***** (18", V)	8.6	LF	MASONRY DRAINAGE STRUCTURES
44	LF	**** RC PIPE CULVERTS, CLASS ***** (24", V)	1	EA	FRAME WITH GRATE, STD 840.24
428	LF	**** RC PIPE CULVERTS, CLASS ***** (36", V)	13	EA	FRAME WITH TWO GRATES, STD 840.16
244	LF	**** RC PIPE CULVERTS, CLASS ***** (42", V)	19	EA	FRAME WITH TWO GRATES, STD 840.20
860	LF	15" RC PIPE CULVERTS, CLASS III	5	EA	FRAME WITH TWO GRATES, STD 840.22
148	LF	18" RC PIPE CULVERTS, CLASS III	13	EA	FRAME WITH TWO GRATES, STD 840.24
1,420	LF	24" RC PIPE CULVERTS, CLASS III	1	EA	FRAME WITH TWO GRATES, STD 840.29
24	LF	30" RC PIPE CULVERTS, CLASS III	17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
692	LF	36" RC PIPE CULVERTS, CLASS III	35	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
276	LF	60" RC PIPE CULVERTS, CLASS III	28	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
168	LF	***** RC PIPE CULVERTS, CLASS IV (66")	2	EA	FRAME WITH COVER, STD 840.54
1,841	LF	15" RC PIPE CULVERTS, CLASS IV	84	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET
1,304	LF	18" RC PIPE CULVERTS, CLASS IV	9	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
1,260	LF	24" RC PIPE CULVERTS, CLASS IV	3,250	LF	**,* ** CONCRETE CURB & GUTTER (2'-9")
192	LF	30" RC PIPE CULVERTS, CLASS IV	11,700	LF	1'-6" CONCRETE CURB & GUTTER
392	LF	36" RC PIPE CULVERTS, CLASS IV	10,950	LF	2'-6" CONCRETE CURB & GUTTER
61	LF	15" CS PIPE CULVERTS, 0.064" THICK	170	LF	CONCRETE VALLEY GUTTER
2	EA	** CS PIPE ELBOWS, ***** THICK (15", 0.064")	4,320	SY	4" CONCRETE SIDEWALK
2,885	LF	PIPE REMOVAL	25	EA	CONCRETE CURB RAMPS
Lump Sum	LS	FINE GRADING	160	SY	6" CONCRETE DRIVEWAY
3,100	CY	SHALLOW UNDERCUT	2,020	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
7,000	TON	CLASS IV SUBGRADE STABILIZA- TION	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
250	TON	CLASS IV AGGREGATE STABILIZA- TION	500	LF	STEEL BEAM GUARDRAIL
24,300	TON	AGGREGATE BASE COURSE	10	EA	ADDITIONAL GUARDRAIL POSTS
1,000	TON	INCIDENTAL STONE BASE	2	EA	GUARDRAIL END UNITS, TYPE CAT-1
24,357	GAL	PRIME COAT	2	EA	GUARDRAIL END UNITS, TYPE TL-3
			6,910	LF	WOVEN WIRE FENCE, 47" FABRIC
			450	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			84	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			550	TON	RIP RAP, CLASS I
			70	TON	RIP RAP, CLASS B
			1,290	SY	GEOTEXTILE FOR DRAINAGE

			1,010	LB	POLYACRYLAMIDE (PAM)
			2,440	LF	COIR FIBER BAFFLE
			8	EA	*** SKIMMER (1-1/2")
1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	1	EA	*** SKIMMER (2")
174	LB	SUPPORTS, BREAKAWAY STEEL BEAM	22	ACR	SEEDING & MULCHING
1,442	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	11	ACR	MOWING
98	EA	SIGN ERECTION, TYPE E	250	LB	SEED FOR REPAIR SEEDING
3	EA	SIGN ERECTION, TYPE F	1	TON	FERTILIZER FOR REPAIR SEEDING
1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (B)	625	LB	SEED FOR SUPPLEMENTAL SEEDING
2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)	18.25	TON	FERTILIZER TOPDRESSING
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	480	LF	IMPERVIOUS DIKE
33	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	10	MHR	SPECIALIZED HAND MOWING
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	75	EA	RESPONSE FOR EROSION CONTROL
548	SF	WORK ZONE SIGNS (STATIONARY)	6	EA	CONCRETE WASHOUT STRUCTURE
524	SF	WORK ZONE SIGNS (PORTABLE)	0.1	ACR	REFORESTATION
200	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	12	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
1	EA	FLASHING ARROW BOARD	9,069	LF	SIGNAL CABLE
420	EA	DRUMS	44	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
50	EA	CONES	14	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
144	LF	BARRICADES (TYPE III)	5	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
240	DAY	FLAGGER	3,075	LF	MESSENGER CABLE (3/8")
1	EA	TMA	6,060	LF	TRACER WIRE
30	LF	WATER FILLED BARRIER	12,845	LF	UNPAVED TRENCHING (***** (1, 2")
40	HR	LAW ENFORCEMENT	245	LF	UNPAVED TRENCHING (***** (2, 2")
200	EA	SKINNY DRUM	110	LF	UNPAVED TRENCHING (***** (3, 2")
928	EA	TEMPORARY RAISED PAVEMENT MARKERS	1,305	LF	DIRECTIONAL DRILL (***** (1, 2")
21,963	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	47	EA	JUNCTION BOX (STANDARD SIZE)
16,182	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	26	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
2,904	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	6	EA	GUY ASSEMBLY
1,092	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	1	EA	1" RISER WITH WEATHERHEAD
777	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	3	EA	2" RISER WITH WEATHERHEAD
944	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	5,032	LF	INDUCTIVE LOOP SAWCUT
42	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	19,300	LF	LEAD-IN CABLE (***** (14-2)
80	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	2	EA	SITE SURVEY
140,275	LF	PAINT PAVEMENT MARKING LINES (4")	8	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
700	LF	PAINT PAVEMENT MARKING LINES (8")	8	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
1,650	LF	PAINT PAVEMENT MARKING LINES (24")	2	EA	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT
42	EA	PAINT PAVEMENT MARKING CHARAC- TER	2	EA	RELOCATE CAMERA SENSOR UNIT
110	EA	PAINT PAVEMENT MARKING SYMBOL	360	LF	COMMUNICATIONS CABLE (**FIBER) (12)
14,346	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	6,420	LF	COMMUNICATIONS CABLE (**FIBER) (24)
4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	5	EA	SPLICE ENCLOSURE
813	EA	PERMANENT RAISED PAVEMENT MARKERS	5	EA	INTERCONNECT CENTER
9	EA	7' U-CHANNEL POSTS	4	EA	DELINEATOR MARKER
9	EA	OBJECT MARKERS (END OF ROAD)	20	EA	METAL STRAIN SIGNAL POLE
21,025	LF	TEMPORARY SILT FENCE	20	EA	SOIL TEST
860	TON	STONE FOR EROSION CONTROL, CLASS A	140	CY	DRILLED PIER FOUNDATION
2,300	TON	STONE FOR EROSION CONTROL, CLASS B	1	EA	SIGN FOR SIGNALS
2,670	TON	SEDIMENT CONTROL STONE	12	EA	TYPE II PEDESTAL WITH FOUND- ATION
23.5	ACR	TEMPORARY MULCHING	4	EA	SIGNAL CABINET FOUNDATION
1,300	LB	SEED FOR TEMPORARY SEEDING	5	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
7.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	4	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070E, BASE MOUNTED)
1,745	LF	TEMPORARY SLOPE DRAINS	30	EA	DETECTOR CARD (***** (TYPE 2070)
3,600	LF	SAFETY FENCE	4	EA	CABINET BASE EXTENDER
7,750	CY	SILT EXCAVATION	1	EA	CABINET BASE ADAPTER
9,000	SY	MATTING FOR EROSION CONTROL	4	EA	METAL POLE FOUNDATION REMOVAL
100	SY	COIR FIBER MAT	4	EA	METAL POLE REMOVAL
100	SY	PERMANENT SOIL REINFORCEMENT MAT	5	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
6,405	LF	1/4" HARDWARE CLOTH	16	EA	GENERIC SIGNAL ITEM JUNCTION BOX MARKER
170	SY	LOW PERMEABILITY GEOTEXTILE	1	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM-MULTIPLE ZONES
220	LF	*** TEMPORARY PIPE (54")			
502	CY	STILLING BASINS			
2,100	LF	WATTLE			
180	LF	COIR FIBER WATTLE			

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+51.56 -DRW1-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (11+51.56 -DRW1-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (120+01.00 -L-)
363	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
550.5	CY	CLASS A CONCRETE (CULVERT)
59,687	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180116 005

CONTRACT ID : C203987 40110.3.1

DIV OFFICE DURHAM

LENGTH = 0.180 MI

COUNTY : DURHAM

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : APR 30 2019

BRIDGE #20 OVER DIAL CREEK ON SR-1616.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	TYPE II MODIFIED APPROACH FILL, STATION ***** (14+67.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
3,030	TON	ROCK EMBANKMENTS
950	SY	GEOTEXTILE FOR ROCK EMBANK- MENTS
1,470	SY	ROCK PLATING
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEO- TEXTILE
48	LF	15" RC PIPE CULVERTS, CLASS IV
590	TON	#57 STONE
345	SY	INCIDENTAL MILLING
490	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
510	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
300	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
70	TON	ASPHALT BINDER FOR PLANT MIX
7	EA	RIGHT-OF-WAY MARKERS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
20	LF	SHOULDER BERM GUTTER
975	LF	STEEL BEAM GUARDRAIL
50	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III SHOP CURVED)
1	EA	GUARDRAIL END UNITS, TYPE AT-1
3	EA	GUARDRAIL END UNITS, TYPE TL-3
1,300	LF	REMOVE EXISTING GUARDRAIL
480	TON	RIP RAP, CLASS A
505	TON	RIP RAP, CLASS B
365	SY	GEOTEXTILE FOR DRAINAGE
13	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE E
5	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
855	SF	WORK ZONE SIGNS (STATIONARY)
369	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
6	EA	DRUMS
240	LF	BARRICADES (TYPE III)
1,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
12	EA	PERMANENT RAISED PAVEMENT MARKERS
1,500	LF	TEMPORARY SILT FENCE
100	TON	STONE FOR EROSION CONTROL, CLASS A
235	TON	STONE FOR EROSION CONTROL, CLASS B
105	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING

1	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
1,500	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
6,350	SY	MATTING FOR EROSION CONTROL
250	SY	COIR FIBER MAT
200	LF	1/4" HARDWARE CLOTH
775	SY	FLOATING TURBIDITY CURTAIN
350	LF	COIR FIBER WATTLE
65	LB	POLYACRYLAMIDE (PAM)
3	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
13	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+67.00-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1,14+67.00-L-)
46.3	LF	3'-0" DIA DRILLED PIERS IN SOIL
24	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
55.3	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+67.00-L-)
2,875.8	SF	CONCRETE WEARING SURFACE
3,298	SF	GROOVING BRIDGE FLOORS
86.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+67.00-L-)
16,123	LB	REINFORCING STEEL (BRIDGE)
1,223	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
170	LF	VERTICAL CONCRETE BARRIER RAIL
955	TON	RIP RAP CLASS II (2'-0" THICK)
1,065	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS (14+67.00-L-)
1,020	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180116 006

CONTRACT ID : C203908 50143.3.1

DIV OFFICE DURHAM

LENGTH = 0.164 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 8.0% COMPLETION DATE : MAR 14 2019

PEDESTRIAN TUNNEL AT SR-1656 (TRINITY RD) AND SR-1658 (YOUTH CENTER DR).

		ROADWAY ITEMS			
			96	SF	WORK ZONE SIGNS (PORTABLE)
			114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
Lump Sum	LS	MOBILIZATION	50	EA	DRUMS
Lump Sum	LS	CONSTRUCTION SURVEYING	60	LF	BARRICADES (TYPE III)
Lump Sum	LS	GRADING	20	DAY	FLAGGER
	1	ACR	2	EA	TEMPORARY CRASH CUSHIONS
	100	CY	2	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
	100	CY	486	LF	PORTABLE CONCRETE BARRIER
	100	SY	270	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER
	210	TON	1,784	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	640	SY	1,272	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
	176	LF	5	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
	16	LF	7,200	LF	PAINT PAVEMENT MARKING LINES (4")
	16	LF	7,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	824	LF	32	EA	PERMANENT RAISED PAVEMENT MARKERS
	860	LF	11	EA	STANDARD FOUNDATION ***** (R1)
	607	LF	40	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
	169	TON	1	EA	LIGHT CONTROL EQUIPMENT, TYPE ***** (120/240V)
	100	TON	265	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (1")
	3,020	SY	425	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (1.5")
	40	SY	60	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
	540	TON	190	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
	450	TON	285	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3/4")
	590	TON	130	LF	** #10 W/G FEEDER CIRCUIT (2)
	85	TON	1,020	LF	** #10 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")
	170	TON	1	EA	ELECTRICAL JUNCTION BOXES ***** (IG11)
	8	EA	6	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)
	25	EA	Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (STATION 15+58)
	5.9	CY	Lump Sum	LS	GENERIC LIGHTING ITEM PRIMARY ELECTRICAL SERVICE
	93	LF	6	EA	GENERIC LIGHTING ITEM PEDESTRIAN LIGHT STANDARD - 100W LED
	4	EA	5	EA	GENERIC LIGHTING ITEM PEDESTRIAN LIGHT STANDARD - 60W LED
	1	EA	12	EA	GENERIC LIGHTING ITEM UNDERPASS LUMINAIRE - LED
	1	EA	1,680	LF	TEMPORARY SILT FENCE
	2	EA	540	TON	STONE FOR EROSION CONTROL, CLASS A
	15	EA	120	TON	STONE FOR EROSION CONTROL, CLASS B
	5	EA	560	TON	SEDIMENT CONTROL STONE
	1,200	LF	1	ACR	TEMPORARY MULCHING
	1,090	SY	100	LB	SEED FOR TEMPORARY SEEDING
	4	EA			
	75	LF			
	25	LF			
	3	EA			
	2	EA			
	10	EA			
	3	EA			
	305	LF			
	1	EA			
	3	TON			
	235	SY			
	416	SF			

0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
376	LF	TEMPORARY SLOPE DRAINS
1,500	LF	SAFETY FENCE
730	CY	SILT EXCAVATION
1,500	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
205	LF	1/4" HARDWARE CLOTH
30	LF	WATTLE
10	LB	POLYACRYLAMIDE (PAM)
310	LF	COIR FIBER BAFFLE
0.6	ACR	SEEDING & MULCHING
0.3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
15	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE

CULVERT ITEMS

1,456	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
1,100	LF	6" PERFORATED SUBDRAIN PIPE
90	LF	6" OUTLET PIPE
13,920	CY	FOUNDATION EXCAVATION (RETAIN- ING WALL)
169,451	LB	REINFORCING STEEL (RETAINING WALL)
944	LF	GENERIC CULVERT ITEM METAL HANDRAIL (SIDE MOUNTED)
1,188	LF	GENERIC CULVERT ITEM METAL HANDRAIL (TOP MOUNTED)
1,564	LB	GENERIC CULVERT ITEM REINFORCING STEEL, STAIRS
96,200	LB	GENERIC CULVERT ITEM REINFORCING STEEL, UNDERPASS
237	TON	GENERIC CULVERT ITEM FOUNDATION CONDITIONING MATE- RIAL, UNDERPASS
5,645	TON	GENERIC CULVERT ITEM NO 57 STONE
1,150	SY	GENERIC CULVERT ITEM 6" RAMPS & WALKWAYS
2,785	SY	GENERIC CULVERT ITEM BENTONITE GEOTEXTILE WATER- PROOFING MEMBRANE
36.1	CY	GENERIC CULVERT ITEM CLASS A CONCRETE, STAIRS
1,159	CY	GENERIC CULVERT ITEM CLASS AA CONCRETE, RETAINING WALL
692	CY	GENERIC CULVERT ITEM CLASS AA CONCRETE, UNDERPASS
4,430	CY	GENERIC CULVERT ITEM UNCLASSIFIED STRUCTURE EXCAVA- TION, RAMPS, STAIRS & WALKWAYS
5,705	CY	GENERIC CULVERT ITEM UNDERPASS EXCAVATION
1,047	TON	GENERIC RETAINING WALL ITEM FOUNDATION CONDITIONING MATE- RIAL, RETAINING WALL
5,200	SF	GENERIC RETAINING WALL ITEM TEMPORARY SHORING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180116 007

CONTRACT ID : C204127 2018CPT.05.11.10921.1 DIV OFFICE DURHAM

LENGTH = 15.530 MI

COUNTY : WAKE

MILLING, RESURFACING, SHOULDER RECONSTRUCTION, AND SIGNALS.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : JUN 30 2019

3 SECTIONS OF NC-54, AND 10 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS					
			8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
			19	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)
Lump Sum	LS	MOBILIZATION			
270	CY	BORROW EXCAVATION			
6.14	SMI	GENERIC GRADING ITEM SHOULDER GRADING	239,680	LF	PAINT PAVEMENT MARKING LINES (4")
315	TON	INCIDENTAL STONE BASE	100	LF	PAINT PAVEMENT MARKING LINES (8")
475	TON	AGGREGATE SHOULDER BORROW	300	LF	PAINT PAVEMENT MARKING LINES (16")
441,136	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	13,775	LF	PAINT PAVEMENT MARKING LINES (24")
9,973	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	112	EA	PAINT PAVEMENT MARKING CHARACTER
2,475	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")	609	EA	PAINT PAVEMENT MARKING SYMBOL
2,508	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4-1/2")	3,900	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
3,074	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	5,450	EA	SNOWPLOWABLE PAVEMENT MARKERS
52,692	SY	INCIDENTAL MILLING	980	LF	TEMPORARY SILT FENCE
1,327	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	195	LF	WATTLE
354	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	35	ACR	SEEDING & MULCHING
3,573	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	37,360	LF	INDUCTIVE LOOP SAWCUT
42,320	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
1,843	TON	ASPHALT BINDER FOR PLANT MIX			
23,430	TON	PATCHING EXISTING PAVEMENT			
145	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
40	LF	GENERIC PAVING ITEM REMOVE AND REPLACE 2'-6" CURB & GUTTER			
196	EA	ADJUSTMENT OF MANHOLES			
255	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
1,806	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
1,800	HR	LAW ENFORCEMENT			
20,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
158,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
4,720	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
52,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
12,475	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
112	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
698	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
9	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
1,980	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)			
2,100	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (III)			
600	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)			
5	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (III)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180116 008

CONTRACT ID : C204121 2018CPT.05.13.10921.1 DIV OFFICE DURHAM

LENGTH = 29.400 MI

COUNTY : WAKE

MILLING, RESURFACING, SHOULDER GRADING, AND SIGNALS.

MBE GOAL 3.0% WBE 6.0% COMPLETION DATE : JUN 30 2019

1 SECTION OF US-1 AND 25 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	12,726	LF	INDUCTIVE LOOP SAWCUT
1,200	CY	BORROW EXCAVATION			
44.36	SMI	GENERIC GRADING ITEM SHOULDER GRADING			
1,109	TON	INCIDENTAL STONE BASE			
3,112	TON	AGGREGATE SHOULDER BORROW			
375,818	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2")			
2,574	SY	MILLING ASPHALT PAVEMENT, ****" TO *****" (0" TO 1-1/2")			
16,352	SY	INCIDENTAL MILLING			
16,783	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
37,321	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
8,835	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
3,793	TON	ASPHALT BINDER FOR PLANT MIX			
1,512	TON	PATCHING EXISTING PAVEMENT			
1	EA	ADJUSTMENT OF DROP INLETS			
8	EA	ADJUSTMENT OF MANHOLES			
28	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
4,105	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
960	HR	LAW ENFORCEMENT			
180,298	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
287,943	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
60,261	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
12,387	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
2,204	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
5,221	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
8,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
4,070	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
127	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
556	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
3,582	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)			
149,617	LF	PAINT PAVEMENT MARKING LINES (4")			
7,170	LF	PAINT PAVEMENT MARKING LINES (8")			
981	LF	PAINT PAVEMENT MARKING LINES (12")			
450	LF	PAINT PAVEMENT MARKING LINES (16")			
3,289	LF	PAINT PAVEMENT MARKING LINES (24")			
102	EA	PAINT PAVEMENT MARKING CHARAC- TER			
433	EA	PAINT PAVEMENT MARKING SYMBOL			
3,582	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
2,676	EA	SNOWPLOWABLE PAVEMENT MARKERS			
670	LF	TEMPORARY SILT FENCE			
1,720	LF	WATTLE			
6.7	ACR	SEEDING & MULCHING			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180116 009

CONTRACT ID : C204053 53032.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 7.165 MI

COUNTY : DAVIDSON

PAVEMENT REHABILITATION AND BRIDGE PRESERVATION.

DBE GOAL 9.0% COMPLETION DATE : OCT 15 2019

I-85 FROM EAST OF US-64 TO NC-109 IN THOMASVILLE.

ROADWAY ITEMS		
Lump Sum	LS	MOBILIZATION
1,000	CY	UNDERCUT EXCAVATION
894	CY	BORROW EXCAVATION
5,000	SY	GEOTEXTILE FOR SOIL STABILIZATION
31,443	SY	GENERIC GRADING ITEM 7" TRENCHING FOR SHOULDER CONSTRUCTION
74,848	SY	GENERIC GRADING ITEM 8" TRENCHING FOR SHOULDER CONSTRUCTION
35,000	LB	SEALING EXISTING PAVEMENT CRACKS
500	TON	INCIDENTAL STONE BASE
27.01	SMI	SHOULDER RECONSTRUCTION
15,559	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (7")
12,524	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
3,111	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
734	TON	ASPHALT BINDER FOR PLANT MIX
866	SY	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS
500	TON	SELECT MATERIAL, CLASS IV
70,746	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
598,896	LF	GENERIC PAVING ITEM JOINT CONSTRUCTION, REPAIR & SEALING
374,309	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT
72,537	LF	MILLED RUMBLE STRIPS (CONCRETE SHOULDERS)
74,848	SY	GENERIC PAVING ITEM ROLLER COMPACTED CONCRETE
21,000	LB	GENERIC PAVING ITEM PAVEMENT SLAB STABILIZATION MATERIAL
250	LB	GENERIC PAVING ITEM SEALING EXISTING PAVEMENT CRACKS (POLYMER PATCH)
350	SF	WORK ZONE SIGNS (STATIONARY)
700	SF	WORK ZONE SIGNS (PORTABLE)
26	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	FLASHING ARROW BOARD
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
60	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
5	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
15	EA	WORK ZONE PRESENCE LIGHTING
362	EA	DRUMS
42	EA	SEQUENTIAL FLASHING WARNING LIGHTS
64	LF	BARRICADES (TYPE III)
4	EA	TMA
470	HR	LAW ENFORCEMENT
10	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
182,764	LF	PAINT PAVEMENT MARKING LINES (6")
9,222	LF	PAINT PAVEMENT MARKING LINES (12")
10	EA	PAINT PAVEMENT MARKING SYMBOL
182,764	LF	POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)
9,222	LF	POLYUREA PAVEMENT MARKING LINES (12", 20 MILS)
182,764	LF	REMOVAL OF PAVEMENT MARKING LINES (6")

9,222	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
10	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
2,565	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
2,980	LF	TEMPORARY SILT FENCE
298	LF	WATTLE
1	ACR	SEEDING & MULCHING

STRUCTURE ITEMS

Lump Sum	LS	POLLUTION CONTROL
188.7	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 479
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 480
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 489
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 493
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 494
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO. 485
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR ZONE PAINTING FOR BRIDGE NO 474
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 479
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 480
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 485
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 489
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 493
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 494
Lump Sum	LS	GENERIC STRUCTURE ITEM ZONE PAINTING OF EXISTING STRUCTURE FOR BRIDGE NO 474
1,499.9	LF	GENERIC STRUCTURE ITEM SILICONE JOINT SEALANT
769.6	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE
3,107.9	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
60	SF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR EPOXY OVERLAY
144,297.4	SF	GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM
48	EA	GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING BEARINGS WITH HRCSA FOR BRIDGE NO 474

- 48 EA GENERIC STRUCTURE ITEM
CLEANING & PAINTING EXISTING
BEARINGS WITH HRCSA FOR BRIDGE
NO 479
- 48 EA GENERIC STRUCTURE ITEM
CLEANING & PAINTING EXISTING
BEARINGS WITH HRCSA FOR BRIDGE
NO 480
- 48 EA GENERIC STRUCTURE ITEM
CLEANING & PAINTING EXISTING
BEARINGS WITH HRCSA FOR BRIDGE
NO 485
- 80 EA GENERIC STRUCTURE ITEM
CLEANING & PAINTING EXISTING
BEARINGS WITH HRCSA FOR BRIDGE
NO 489
- 48 EA GENERIC STRUCTURE ITEM
CLEANING & PAINTING EXISTING
BEARINGS WITH HRCSA FOR BRIDGE
NO 493
- 48 EA GENERIC STRUCTURE ITEM
CLEANING & PAINTING EXISTING
BEARINGS WITH HRCSA FOR BRIDGE
NO 494

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180116 010

CONTRACT ID : C203845 34497.3.9

DIV OFFICE SHELBY

LENGTH = 5.660 MI

COUNTY : CLEVELAND

GRADING, DRAINAGE, PAVING, SIGNING, AND SIGNALS.

MBE GOAL 3.0% WBE 6.0% COMPLETION DATE : MAR 13 2020

US-74 (SHELBY BYPASS) FROM EAST OF SR-1162 (PEACHTREE RD) TO EAST OF NC-226.

ROADWAY ITEMS				
			419	SF CONTRACTOR FURNISHED, TYPE *** SIGN (B)
Lump Sum	LS	MOBILIZATION	169	SF CONTRACTOR FURNISHED, TYPE *** SIGN (D)
Lump Sum	LS	CONSTRUCTION SURVEYING		
Lump Sum	LS	FIELD OFFICE	1,040	SF CONTRACTOR FURNISHED, TYPE *** SIGN (E)
Lump Sum	LS	GRADING	61	SF CONTRACTOR FURNISHED, TYPE *** SIGN (F)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	22	CY REINFORCED CONCRETE SIGN FOUN- DATIONS
60	HR	PROOF ROLLING	2	CY PLAIN CONCRETE SIGN FOUNDA- TIONS
95,520	SY	LIME TREATED SOIL (SLURRY METHOD)	11,855	LB SUPPORTS, BREAKAWAY STEEL BEAM
960	TON	LIME FOR LIME TREATED SOIL	9,349	LB SUPPORTS, SIMPLE STEEL BEAM
765	TON	STABILIZER AGGREGATE	3,365	LF SUPPORTS, 3-LB STEEL U-CHANNEL
87,700	SY	GEOTEXTILE FOR PAVEMENT STA- BILIZATION	12	EA SUPPORTS, 2-LB STEEL U-CHANNEL
144,200	TON	AGGREGATE BASE COURSE	19	EA SIGN ERECTION, TYPE D
143,280	SY	SOIL CEMENT BASE	105	EA SIGN ERECTION, TYPE E
3,950	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE	7	EA SIGN ERECTION, TYPE F
35,820	GAL	ASPHALT CURING SEAL	8	EA SIGN ERECTION, TYPE *** (OVER- HEAD) (A)
500	TON	INCIDENTAL STONE BASE	2	EA SIGN ERECTION, TYPE *** (OVER- HEAD) (B)
96,600	GAL	PRIME COAT	23	EA SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
7,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	15	EA SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
43,700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	12	EA SIGN ERECTION, MILEMARKERS
8,350	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1	EA SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (F)
36,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	2	EA SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (MILEMARKER)
5,104	TON	ASPHALT BINDER FOR PLANT MIX	3	EA DISPOSAL OF SIGN SYSTEM, U- CHANNEL
111,500	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	3	EA DISPOSAL OF SUPPORT, U-CHANNEL
31	TON	BLOTTING SAND	1	EA DISPOSAL OF SIGN, A OR B (OVERHEAD)
1	EA	FRAME WITH TWO GRATES, STD 840.20	320	SF WORK ZONE SIGNS (STATIONARY)
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	192	SF WORK ZONE SIGNS (PORTABLE)
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	210	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FRAME WITH COVER, STD 840.54	1	EA FLASHING ARROW BOARD
11	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	76	DAY PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
2	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF JUNCTION BOXES	92	EA DRUMS
4,900	LF	2'-6" CONCRETE CURB & GUTTER	25	EA CONES
1,750	LF	SHOULDER BERM GUTTER	336	LF BARRICADES (TYPE III)
10,500	LF	CONCRETE EXPRESSWAY GUTTER	105	DAY FLAGGER
3,400	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	1	EA TMA
650	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	820	LF REMOVE & RESET WATER FILLED BA- RRIER
2	EA	ADJUSTMENT OF CATCH BASINS	16	HR LAW ENFORCEMENT
12	EA	ADJUSTMENT OF DROP INLETS	58	EA SKINNY DRUM
2	EA	ADJUSTMENT OF MANHOLES	15	EA TUBULAR MARKERS (FIXED)
12	EA	IMPACT ATTENUATOR UNIT, TYPE 350	87	EA TEMPORARY RAISED PAVEMENT MARKERS
21,800	LF	STEEL BEAM GUARDRAIL	10,423	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
10	EA	ADDITIONAL GUARDRAIL POSTS	3,592	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
18	EA	GUARDRAIL END UNITS, TYPE CAT-1	336	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
26	EA	GUARDRAIL END UNITS, TYPE TL-3	490	LF THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
34	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	217	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
75	LF	REMOVE & RESET EXISTING GUARD- RAIL	62	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
50	LF	REMOVE EXISTING GUARDRAIL		
26,500	LF	DOUBLE FACED CABLE GUIDERAIL		
10	EA	ADDITIONAL GUIDERAIL POSTS		
39	EA	CABLE GUIDERAIL ANCHOR UNITS		
750	SY	GEOTEXTILE FOR DRAINAGE		
3,156	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)		

988	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)	1	EA	GENERIC SIGNAL ITEM
491	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)			MICROWAVE VEHICLE DETECTOR - SINGLE ZONE
125	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (III)			
13,282	LF	PAINT PAVEMENT MARKING LINES (4")			
3,888	LF	PAINT PAVEMENT MARKING LINES (6")			
212	LF	PAINT PAVEMENT MARKING LINES (8")			
566	LF	PAINT PAVEMENT MARKING LINES (12")			
144,444	LF	POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)			
4,717	LF	POLYUREA PAVEMENT MARKING LINES (12", 20 MILS)			
6,796	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
3,145	LF	REMOVAL OF PAVEMENT MARKING LINES (6")			
400	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			
1,950	LF	REMOVAL OF PAVEMENT MARKING LINES (12")			
61	EA	PERMANENT RAISED PAVEMENT MARKERS			
1,493	EA	SNOWBLOWABLE PAVEMENT MARKERS			
154	EA	FLEXIBLE DELINEATORS (CRYSTAL)			
134	EA	FLEXIBLE DELINEATORS (YELLOW)			
15	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)			
15	EA	FLEXIBLE DELINEATORS (YELLOW & RED)			
2,200	LF	TEMPORARY SILT FENCE			
440	TON	STONE FOR EROSION CONTROL, CLASS A			
600	TON	STONE FOR EROSION CONTROL, CLASS B			
850	TON	SEDIMENT CONTROL STONE			
3	ACR	TEMPORARY MULCHING			
100	LB	SEED FOR TEMPORARY SEEDING			
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
1,100	LF	TEMPORARY SLOPE DRAINS			
1,600	CY	SILT EXCAVATION			
1,500	SY	MATTING FOR EROSION CONTROL			
2,250	LF	1/4" HARDWARE CLOTH			
1,000	LF	WATTLE			
7	ACR	SEEDING & MULCHING			
12	ACR	MOWING			
150	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
175	LB	SEED FOR SUPPLEMENTAL SEEDING			
5.25	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
13	EA	RESPONSE FOR EROSION CONTROL			
8	EA	CONCRETE WASHOUT STRUCTURE			
Lump Sum	LS	GENERIC EROSION CONTROL ITEM REMOVAL OF EROSION CONTROL DEVICES			
600	LF	SIGNAL CABLE			
6	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
300	LF	MESSENGER CABLE (3/8")			
750	LF	UNPAVED TRENCHING (***** (1, 2")			
10	LF	UNPAVED TRENCHING (***** (3, 2")			
120	LF	DIRECTIONAL DRILL (***** (1, 2")			
9	EA	JUNCTION BOX (STANDARD SIZE)			
5	EA	WOOD POLE			
6	EA	GUY ASSEMBLY			
1	EA	1" RISER WITH WEATHERHEAD			
4	EA	2" RISER WITH WEATHERHEAD			
220	LF	INDUCTIVE LOOP SAWCUT			
1,250	LF	LEAD-IN CABLE (***** (14-2)			
2	EA	SIGN FOR SIGNALS			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
3	EA	DETECTOR CARD (TYPE 2070L)			
1	EA	CABINET BASE EXTENDER			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180116 011

CONTRACT ID : C204011 38618.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.167 MI

COUNTY : YANCEY

GRADING, DRAINAGE, PAVING, AND CULVERT.

MBE GOAL 1.0% WBE 4.0% COMPLETION DATE : MAR 30 2019

BRIDGE #3 OVER POSSUM TROT CREEK ON SR-1128 (POSSUM TROT RD).

ROADWAY ITEMS

			30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			50	EA	DRUMS
			25	EA	CONES
Lump Sum	LS	MOBILIZATION	96	LF	BARRICADES (TYPE III)
Lump Sum	LS	CONSTRUCTION SURVEYING	40	DAY	FLAGGER
Lump Sum	LS	GRADING	215	LF	WATER FILLED BARRIER
	1	ACR	208	LF	REMOVE & RESET WATER FILLED BARRIER
	100	CY	30	EA	SKINNY DRUM
	1,675	CY	22	EA	TEMPORARY RAISED PAVEMENT MARKERS
	100	CY	3,531	LF	PAINT PAVEMENT MARKING LINES (4")
	200	SY	3,500	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
	234	SF	400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	21	TON	2,500	LF	TEMPORARY SILT FENCE
	70	SY	180	TON	STONE FOR EROSION CONTROL, CLASS A
	60	LF	340	TON	STONE FOR EROSION CONTROL, CLASS B
	76	LF	230	TON	SEDIMENT CONTROL STONE
	56	LF	1.8	ACR	TEMPORARY MULCHING
	350	LF	200	LB	SEED FOR TEMPORARY SEEDING
	50	CY	2	TON	FERTILIZER FOR TEMPORARY SEEDING
	80	TON	200	LF	TEMPORARY SLOPE DRAINS
	50	TON	400	LF	SAFETY FENCE
	150	SY	670	CY	SILT EXCAVATION
	930	TON	4,200	SY	MATTING FOR EROSION CONTROL
	520	TON	200	SY	COIR FIBER MAT
	80	TON	80	SY	PERMANENT SOIL REINFORCEMENT MAT
	80	TON	220	LF	1/4" HARDWARE CLOTH
	25	TON	245	LF	*** TEMPORARY PIPE (30")
	15	EA	4	EA	SPECIAL STILLING BASINS
	23	CY	30	LF	WATTLE
	100	SY	100	LB	POLYACRYLAMIDE (PAM)
	17	CY	250	LF	COIR FIBER BAFFLE
	100	LF	3	EA	*** SKIMMER (1-1/2")
	1	EA	1.8	ACR	SEEDING & MULCHING
	6	LF	0.9	ACR	MOWING
	1	EA	50	LB	SEED FOR REPAIR SEEDING
	1	EA	0.25	TON	FERTILIZER FOR REPAIR SEEDING
	387.5	LF	50	LB	SEED FOR SUPPLEMENTAL SEEDING
	200	LF	1.25	TON	FERTILIZER TOPDRESSING
	5	EA	50	LF	IMPERVIOUS DIKE
	1	EA	10	MHR	SPECIALIZED HAND MOWING
	3	EA	18	EA	RESPONSE FOR EROSION CONTROL
	78	LF	3	EA	CONCRETE WASHOUT STRUCTURE
	265	TON	0.1	ACR	REFORESTATION
	10	TON			
	1,161	SY			
	47.5	SF			
	8.19	SF			
	145	LF			
	12	EA			
	1	EA			
	1	EA			
	13	EA			
	1	EA			
	89	SF			
	128	SF			

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+07.00 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (13+07.00 -L-)
179	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
250.6	CY	CLASS A CONCRETE (CULVERT)
30,958	LB	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180116 012

CONTRACT ID : C204061 48058.3.2

DIV OFFICE ASHEVILLE

LENGTH = 0.149 MI

COUNTY : YANCEY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 1.0% WBE 4.0% COMPLETION DATE : APR 13 2019

BRIDGE #49 OVER BROWNS CREEK ON NC-80.

ROADWAY ITEMS

			3	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)
Lump Sum	LS	MOBILIZATION	5	EA	GENERIC GUARDRAIL ITEM
Lump Sum	LS	CONSTRUCTION SURVEYING			TEMPORARY ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (14+21.00)	1	EA	GENERIC GUARDRAIL ITEM
100	CY	UNDERCUT EXCAVATION	70	TON	TEMPORARY GUARDRAIL END UNITS, TYPE AT-1
Lump Sum	LS	GRADING	25	TON	RIP RAP, CLASS II
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	735	SY	RIP RAP, CLASS B
70	CY	DRAINAGE DITCH EXCAVATION	7.5	SF	GEOTEXTILE FOR DRAINAGE
100	CY	SELECT GRANULAR MATERIAL, CLASS III			CONTRACTOR FURNISHED, TYPE *** (D)
400	SY	GEOTEXTILE FOR SOIL STABILIZATION	22.5	SF	CONTRACTOR FURNISHED, TYPE *** (E)
50	TON	GENERIC GRADING ITEM	65	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
		HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL	2	EA	SIGN ERECTION, TYPE D
80	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4	EA	SIGN ERECTION, TYPE E
230	SY	FOUNDATION CONDITIONING GEOTEXTILE	5	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
212	LF	15" DRAINAGE PIPE	223	SF	WORK ZONE SIGNS (STATIONARY)
60	LF	18" RC PIPE CULVERTS, CLASS III	128	SF	WORK ZONE SIGNS (PORTABLE)
68	LF	36" RC PIPE CULVERTS, CLASS III	76	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
44	LF	15" RC PIPE CULVERTS, CLASS IV	1	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
292	LF	18" RC PIPE CULVERTS, CLASS IV	67	EA	DRUMS
559	LF	PIPE REMOVAL	6	EA	CONES
50	CY	SHALLOW UNDERCUT	148	LF	BARRICADES (TYPE III)
80	TON	CLASS IV SUBGRADE STABILIZATION	59	DAY	FLAGGER
1,052	TON	AGGREGATE BASE COURSE	212	EA	TEMPORARY RAISED PAVEMENT MARKERS
50	TON	INCIDENTAL STONE BASE	8,499	LF	PAINT PAVEMENT MARKING LINES (4")
635	GAL	PRIME COAT	46	LF	PAINT PAVEMENT MARKING LINES (24")
1,080	SY	MILLING ASPHALT PAVEMENT, ***** TO ***** (0" TO 1-1/2")	3,140	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
290	SY	INCIDENTAL MILLING	10	EA	SNOWPLOWABLE PAVEMENT MARKERS
270	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2,400	LF	TEMPORARY SILT FENCE
540	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	150	TON	STONE FOR EROSION CONTROL, CLASS A
50	TON	ASPHALT BINDER FOR PLANT MIX	135	TON	STONE FOR EROSION CONTROL, CLASS B
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	115	TON	SEDIMENT CONTROL STONE
18	EA	RIGHT-OF-WAY MARKERS	0.8	ACR	TEMPORARY MULCHING
45	CY	SUBDRAIN EXCAVATION	100	LB	SEED FOR TEMPORARY SEEDING
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
34	CY	SUBDRAIN COARSE AGGREGATE	200	LF	TEMPORARY SLOPE DRAINS
200	LF	6" PERFORATED SUBDRAIN PIPE	400	LF	SAFETY FENCE
1	EA	SUBDRAIN PIPE OUTLET	300	CY	SILT EXCAVATION
6	LF	6" OUTLET PIPE	2,000	SY	MATTING FOR EROSION CONTROL
3	EA	MASONRY DRAINAGE STRUCTURES	100	SY	COIR FIBER MAT
2	EA	FRAME WITH TWO GRATES, STD 840.29	175	LF	1/4" HARDWARE CLOTH
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	2	EA	SPECIAL STILLING BASINS
28	LF	GENERIC DRAINAGE ITEM	60	LF	WATTLE
		MODIFIED SHOULDER BERM GUTTER	45	LB	POLYACRYLAMIDE (PAM)
25	LF	STEEL BEAM GUARDRAIL	85	LF	COIR FIBER BAFFLE
87.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	2	EA	*** SKIMMER (1-1/2")
5	EA	ADDITIONAL GUARDRAIL POSTS	0.8	ACR	SEEDING & MULCHING
4	EA	GUARDRAIL END UNITS, TYPE AT-1	0.4	ACR	MOWING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	50	LB	SEED FOR REPAIR SEEDING
237.5	LF	TEMPORARY STEEL BEAM GUARDRAIL	0.25	TON	FERTILIZER FOR REPAIR SEEDING
62.5	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)	50	LB	SEED FOR SUPPLEMENTAL SEEDING
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)	0.75	TON	FERTILIZER TOPDRESSING
			10	MHR	SPECIALIZED HAND MOWING
			18	EA	RESPONSE FOR EROSION CONTROL
			2	EA	CONCRETE WASHOUT STRUCTURE
			0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (14+40.00 -DET-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+21.00 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
28	LF	PILE EXCAVATION IN SOIL
35	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+21.00 -L-)
50.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+21.00 -L-)
6,208	LB	REINFORCING STEEL (BRIDGE)
14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
200	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
100	LF	42" OREGON RAIL
225	TON	RIP RAP CLASS II (2'-0" THICK)
250	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
700	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180116 013

CONTRACT ID : C204054 46408.3.2

DIV OFFICE ASHEVILLE

LENGTH = 6.925 MI

COUNTY : BUNCOMBE

PAVEMENT AND BRIDGE REHABILITATION.

DBE GOAL 8.0% COMPLETION DATE : NOV 01 2018

I-40 FROM MP-37 AT THE HAYWOOD COUNTY LINE TO MP-44.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,300	CY	BORROW EXCAVATION
26.12	SMI	SHOULDER RECONSTRUCTION
116,020	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
213,211	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
10,780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
26,444	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
636	TON	ASPHALT BINDER FOR PLANT MIX
1,507	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
295	TON	PATCHING EXISTING PAVEMENT
142,348	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
30	LF	12" FUNNEL DRAIN PIPE
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
10	EA	GENERIC DRAINAGE ITEM DRAINAGE STRUCTURE CLEANOUT
5	EA	GENERIC DRAINAGE ITEM REMOVE AND REPLACE CONCRETE APRON
1	EA	GENERIC DRAINAGE ITEM REMOVE AND REPLACE METAL FUN- NELS
577	SY	GENERIC PAVING ITEM REMOVE AND REPLACE 4" CONCRETE PAVED DITCH
1	EA	GENERIC DRAINAGE ITEM CONVERT EXT DROP INLET TO TB DROP INLET
37.5	LF	TRIPLE CORRUGATED STEEL BM GUARDRAIL
522	LF	20" TUBULAR TRIPLE CORRUGATED STEEL BEAM GUARDRAIL
15	EA	ADDITIONAL GUARDRAIL POSTS
6	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
45	EA	GUARDRAIL END UNITS, TYPE CAT-1
48	EA	GUARDRAIL END UNITS, TYPE TL-3
16	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83
87,703	LF	GENERIC GUARDRAIL ITEM REMOVE AND REPLACE EXISTING GUARDRAIL
270	SF	WORK ZONE SIGNS (STATIONARY)
224	SF	WORK ZONE SIGNS (PORTABLE)
3	EA	FLASHING ARROW BOARD
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
4	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
15	EA	WORK ZONE PRESENCE LIGHTING
300	EA	DRUMS
16	EA	SEQUENTIAL FLASHING WARNING LIGHTS
2	EA	TMA
300	HR	LAW ENFORCEMENT
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
171,549	LF	PAINT PAVEMENT MARKING LINES (4")
5,734	LF	PAINT PAVEMENT MARKING LINES (8")
171,549	LF	POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)

5,664	LF	POLYUREA PAVEMENT MARKING LINES (12", 20 MILS)
790	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1,130	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
100	LF	TEMPORARY SILT FENCE
20	TON	SEDIMENT CONTROL STONE
100	SY	MATTING FOR EROSION CONTROL
25	LF	1/4" HARDWARE CLOTH
0.25	ACR	SEEDING & MULCHING
600	LF	INDUCTIVE LOOP SAWCUT
200	LF	LEAD-IN CABLE (***** (3/8")

STRUCTURE ITEMS

51,138	SF	GROOVING BRIDGE FLOORS
51.7	SY	CLASS II, SURFACE PREPARATION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
650	LF	GENERIC STRUCTURE ITEM SILICONE JOINT SEALANT
237.5	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE-VERY EARLY STRENGTH
126.5	CF	GENERIC STRUCTURE ITEM CONCRETE FOR DECK REPAIR
373.4	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE
1,431	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
6,226	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
6,226	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING OF LATEX MOD CONC OVERLAY-VERY EARLY STRENGTH
6,226	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180116 014

CONTRACT ID : C204055 46409.3.2

DIV OFFICE ASHEVILLE

LENGTH = 4.614 MI

COUNTY : BUNCOMBE

BRIDGE REHABILITATION.

DBE GOAL 1.0% COMPLETION DATE : OCT 15 2019

I-40 FROM MP-46 TO MP-50.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1.2	SMI	SHOULDER RECONSTRUCTION
8,037	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 4")
97	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
6	TON	ASPHALT BINDER FOR PLANT MIX
5,400	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
1,615	LF	REMOVE & RESET EXISTING GUARD- RAIL
40	SF	WORK ZONE SIGNS (STATIONARY)
12	SF	WORK ZONE SIGNS (PORTABLE)
12	EA	FLASHING ARROW BOARD
12	EA	PORTABLE CHANGEABLE MESSAGE SIGN
70	EA	DRUMS
40	LF	BARRICADES (TYPE III)
20	DAY	FLAGGER
12	EA	TEMPORARY CRASH CUSHIONS
6	EA	TMA
6,820	LF	PAINT PAVEMENT MARKING LINES (6")
Lump Sum	LS	PORTABLE LIGHTING

Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #378
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR ZONE PAINTING, BRIDGE #334
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR ZONE PAINTING, BRIDGE #339
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR ZONE PAINTING, BRIDGE #344
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR ZONE PAINTING, BRIDGE #347
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE #369
Lump Sum	LS	GENERIC STRUCTURE ITEM UNDER STRUCTURE WORK PLATFORM
Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
Lump Sum	LS	GENERIC STRUCTURE ITEM ZONE PAINTING OF EXISTING STRUCTURE, BRIDGE #334
Lump Sum	LS	GENERIC STRUCTURE ITEM ZONE PAINTING OF EXISTING STRUCTURE, BRIDGE #339
Lump Sum	LS	GENERIC STRUCTURE ITEM ZONE PAINTING OF EXISTING STRUCTURE, BRIDGE #344
Lump Sum	LS	GENERIC STRUCTURE ITEM ZONE PAINTING OF EXISTING STRUCTURE, BRIDGE #347
242	LF	GENERIC STRUCTURE ITEM REMOVE AND RESET BRIDGE DECK MOUNTED GUARDRAIL FOR BRIDGE #358
242	LF	GENERIC STRUCTURE ITEM REMOVE AND RESET BRIDGE DECK MOUNTED GUARDRAIL FOR BRIDGE #366
270	LF	GENERIC STRUCTURE ITEM REMOVE AND RESET BRIDGE DECK MOUNTED GUARDRAIL FOR BRIDGE #369
270	LF	GENERIC STRUCTURE ITEM REMOVE AND RESET BRIDGE DECK MOUNTED GUARDRAIL FOR BRIDGE #374
377.2	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE-VERY EARLY STRENGTH
40	CF	GENERIC STRUCTURE ITEM CONCRETE FOR DECK REPAIR
117	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE
1,155.9	LB	GENERIC STRUCTURE ITEM BEAM PLATED REPAIR
37,850	LB	GENERIC STRUCTURE ITEM BEAM SECTION REPLACEMENT AND STIFFENER/CONNECTOR PLATE REPAIR
300	LB	GENERIC STRUCTURE ITEM STEEL CONNECTION HARDWARE
2,295	LB	GENERIC STRUCTURE ITEM STEEL DIAPHRAGM REPLACEMENT
17,075	SF	GENERIC STRUCTURE ITEM ANCHORED VENEER
468	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
987.5	SF	GENERIC STRUCTURE ITEM EPOXY COATING
4,548	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
4,548	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MODIFIED CONC. OVERLAY-VERY EARLY STRENGTH
4,548	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

STRUCTURE ITEMS

37,634	SF	GROOVING BRIDGE FLOORS
500	LB	REINFORCING STEEL (BRIDGE)
6,343	LS	APPROX LBS STRUCTURAL STEEL
Lump Sum	LS	POLLUTION CONTROL
72	SY	CLASS II, SURFACE PREPARATION
Lump Sum	LS	ELASTOMERIC BEARINGS
1,117.9	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #358
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #366
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #369
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #374
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #377
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #378
Lump Sum	LS	GENERIC STRUCTURE ITEM FIELD MEASURING
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #358
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #366
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #369
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #374
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #377

160	EA	GENERIC STRUCTURE ITEM BRIDGE JACKING
64	EA	GENERIC STRUCTURE ITEM ELASTOMERIC BEARING, MODIFIED TYPE I-A
48	EA	GENERIC STRUCTURE ITEM ELASTOMERIC BEARING, MODIFIED TYPE I-B
16	EA	GENERIC STRUCTURE ITEM ELASTOMERIC BEARING, MODIFIED TYPE I-C
80	EA	GENERIC STRUCTURE ITEM STEEL KEEPER ANGLE ASSEMBLY
1	EA	GENERIC STRUCTURE ITEM STEEL PLATE BEARING
34	EA	GENERIC STRUCTURE ITEM STUB COLUMN ASSEMBLY

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180116 015

CONTRACT ID : C204056 46411.3.2

DIV OFFICE ASHEVILLE

LENGTH = 26.000 MI

COUNTY : BURKE

PAVEMENT REHABILITATION.

DBE GOAL 8.0% COMPLETION DATE : JUL 01 2020

I-40 FROM MP-32.95 (MCDOWELL COUNTY LINE) TO MP-119.13 (CATAWBA COUNTY LINE).

ROADWAY ITEMS				
			1,351,200	LF PAINT PAVEMENT MARKING LINES (6")
			60,000	LF PAINT PAVEMENT MARKING LINES (12")
			246	EA PAINT PAVEMENT MARKING SYMBOL
			675,600	LF POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)
			30,000	LF POLYUREA PAVEMENT MARKING LINES (12", 20 MILS)
			1,926	LF REMOVAL OF PAVEMENT MARKING LINES (6")
			5,220	EA SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	MOBILIZATION		PORTABLE LIGHTING
995	CY	UNDERCUT EXCAVATION	1,000	LF TEMPORARY SILT FENCE
3,975	SY	GEOTEXTILE FOR SOIL STABILIZATION	5,000	LF WATTLE
2	SMI	SHOULDER RECONSTRUCTION	500	LF INDUCTIVE LOOP SAWCUT
22,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		
8,000	SY	INCIDENTAL MILLING		
11,020	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D		
628	TON	ASPHALT BINDER FOR PLANT MIX		
3,240	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX		
2,200	TON	PATCHING EXISTING PAVEMENT		
3,975	SY	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS		
1,900	TON	SELECT MATERIAL, CLASS IV		
1,000	SF	PATCHING CONCRETE PAVEMENT SPALLS		
54,000	TON	ULTRA-THIN BONDED WEARING COURSE		
611,870	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)		
1,047,712	LF	GENERIC PAVING ITEM JOINT CONSTRUCTION, REPAIR, AND SEALING		
654,820	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT		
760,000	SY	GENERIC PAVING ITEM FINE MILLING (1-1/2")		
605,000	SY	GENERIC PAVING ITEM FINE MILLING (5/8")		
65	EA	GENERIC DRAINAGE ITEM REMOVE AND REPLACE CONCRETE APRON		
2,000	SY	GENERIC DRAINAGE ITEM REMOVE & REPLACE 4" CONC PAVED DITCH		
15,600	SY	4" CONCRETE PAVED DITCH		
140,000	LF	STEEL BEAM GUARDRAIL		
153,000	LF	STEEL BEAM GUARDRAIL, DOUBLE FACED		
225	LF	TRIPLE CORRUGATED STEEL BM GUARDRAIL		
3,100	LF	20" TUBULAR TRIPLE CORRUGATED STEEL BEAM GUARDRAIL		
193	EA	GUARDRAIL END UNITS, TYPE CAT-I		
44	EA	GUARDRAIL ANCHOR UNITS, TYPE III		
190	EA	GUARDRAIL END UNITS, TYPE TL-3		
54	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77		
425,500	LF	REMOVE EXISTING GUARDRAIL		
1,390	SF	WORK ZONE SIGNS (STATIONARY)		
448	SF	WORK ZONE SIGNS (PORTABLE)		
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)		
4	EA	FLASHING ARROW BOARD		
8	EA	PORTABLE CHANGEABLE MESSAGE SIGN		
200	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)		
10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS		
60	EA	WORK ZONE PRESENCE LIGHTING		
100	EA	DRUMS		
21	EA	SEQUENTIAL FLASHING WARNING LIGHTS		
64	LF	BARRICADES (TYPE III)		
2	EA	TMA		
1,500	HR	LAW ENFORCEMENT		
480	EA	SKINNY DRUM		
123	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)		

