



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

July 11, 2014

NOTICE TO: All Prequalified Contractors

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

SUBJECT: Broadcast of Raleigh Central Highway Letting

Effective with the July 15, 2014 Highway Letting the broadcast of the bid opening is changing to a new format. The new method will be 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.

**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 APRIL 21, 2015. 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 MARCH 24, 2015.
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 Fussell, 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	Robert W Stone II, 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	Reuben D Chandler, 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 L150421

RPN	Contract Id	WBS	County	Length	JobType
001	C203563	38496.3.FR1	CARTERET	0.676 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
002	C203621	38465.3.FD1	WILSON	0.104 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C203564	42270.3.FR1	NASH	1.321 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
004	C203584	47019.3.FS1	JOHNSTON	6.120 MI	PAVEMENT REHABILITATION.
005	C203682	5CR.10911.14 ETC	VANCE	20.300 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
006	C203680	5CR.10931.15 ETC	WARREN	38.210 MI	RESURFACING AND SHOULDER RECONSTRUCTION.
007	C203684	10CR.10131.38 ET	CABARRUS	22.690 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C203566	39894.3.FS1	IREDELL	1.572 MI	REST AREA.
009	C203679	12CR.10021.13 ET	ALEXANDER	15.408 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
010	C203677	12CR.10181.16 ET	CATAWBA	14.420 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
011	C203678	12CR.10361.19 ET	GASTON	21.330 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
012	C203562	33217.3.FS1	MCDOWELL	0.511 MI	GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURE.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L150421 001****CONTRACT ID : C203563 38496.3.FR1****DIV OFFICE GREENVILLE****LENGTH = 0.676 MI****COUNTY : CARTERET****GRADING, DRAINAGE, PAVING, AND STRUCTURES.****DBE GOAL 3.0% COMPLETION DATE : DEC 28 2018****BRIDGE #33 OVER NORTH RIVER ON US-70.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	FIELD OFFICE
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
2,300	CY	UNDERCUT EXCAVATION
13	EA	EMBANKMENT SETTLEMENT GAUGES
590	CY	DRAINAGE DITCH EXCAVATION
8,005	CY	SELECT GRANULAR MATERIAL, CLASS III
9,600	SY	GEOTEXTILE FOR SOIL STABILIZATION
5,200	SF	TEMPORARY SHORING
Lump Sum	LS	GENERIC GRADING ITEM
		SPECIAL REINFORCED BRIDGE APPROACH FILL, STA 47+75.00-L-
6	EA	GENERIC GRADING ITEM
6	EA	HYDRAULIC SETTLE GAUGE
6	EA	GENERIC GRADING ITEM
		VW PIEZOMETER
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
180	SY	FOUNDATION CONDITIONING GEOTEXTILE
88	LF	15" SIDE DRAIN PIPE
2	EA	***" SIDE DRAIN PIPE ELBOWS (15")
428	LF	15" RC PIPE CULVERTS, CLASS IV
100	CY	SHALLOW UNDERCUT
200	TON	CLASS IV SUBGRADE STABILIZATION
1,600	TON	STABILIZER AGGREGATE
290	TON	AGGREGATE BASE COURSE
500	TON	INCIDENTAL STONE BASE
390	SY	MILLING ASPHALT PAVEMENT, ***" TO *****" (0" TO 3")
1,620	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,050	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,380	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
205	TON	ASPHALT BINDER FOR PLANT MIX
448	CY	SUBDRAIN EXCAVATION
2,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
336	CY	SUBDRAIN COARSE AGGREGATE
2,000	LF	6" PERFORATED SUBDRAIN PIPE
4	EA	SUBDRAIN PIPE OUTLET
24	LF	6" OUTLET PIPE
9	EA	MASONRY DRAINAGE STRUCTURES
9	EA	FRAME WITH TWO GRATES, STD 840.29
505	LF	SHOULDER BERM GUTTER
2,025	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)
1,460	TON	RIP RAP, CLASS II
5	TON	RIP RAP, CLASS B
2,160	SY	GEOTEXTILE FOR DRAINAGE
103	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
11	EA	SIGN ERECTION, TYPE E
11	EA	DISPOSAL OF SIGN SYSTEM, WOOD
48	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)

85	EA	DRUMS
48	LF	BARRICADES (TYPE III)
40	DAY	FLAGGER
4	EA	TEMPORARY CRASH CUSHIONS
3	EA	RESET TEMPORARY CRASH CUSHION
1,925	LF	PORTABLE CONCRETE BARRIER
450	LF	RESET PORTABLE CONCRETE BARRIER
300	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)
89	EA	TEMPORARY RAISED PAVEMENT MARKERS
4,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
4,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
5,400	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
25,700	LF	PAINT PAVEMENT MARKING LINES (4")
4,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
44	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	GENERIC UTILITY ITEM
		INSTALL 4" SCHEDULE 40 PVC ELECTRICAL CONDUIT
5,010	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
290	TON	STONE FOR EROSION CONTROL, CLASS B
305	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
250	LF	SAFETY FENCE
450	CY	SILT EXCAVATION
1,750	SY	MATTING FOR EROSION CONTROL
1,300	SY	COIR FIBER MAT
111	SY	PERMANENT SOIL REINFORCEMENT MAT
385	LF	1/4" HARDWARE CLOTH
2,600	SY	FLOATING TURBIDITY CURTAIN
4	EA	SPECIAL STILLING BASINS
90	LF	WATTLE
285	LF	COIR FIBER WATTLE
30	LB	POLYACRYLAMIDE (PAM)
4	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
175	LB	SEED FOR SUPPLEMENTAL SEEDING
4.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

WALL ITEMS

609.1	CY	CLASS AA CONCRETE (BRIDGE)
46,383	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
4,918	LF	GENERIC RETAINING WALL ITEM
		16" PRESTRESSED CONCRETE PILES
66,015	SF	GENERIC RETAINING WALL ITEM
		TIEBACK STEEL SHEET PILE
		RETAINING WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (47+75.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (47+75.00-L-)
6	EA	PDA TESTING
52,126	SF	REINFORCED CONCRETE DECK SLAB
45,915	SF	GROOVING BRIDGE FLOORS
325	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (47+75.00-L-)
52,986	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
5,350	LF	54" PRESTRESSED CONCRETE GIR- DERS
665	LF	12" PRESTRESSED CONCRETE PILES
5,130	LF	24" PRESTRESSED CONCRETE PILES
50	EA	PILE REDRIVES
2,683.67	LF	TWO BAR METAL RAIL
2,698.67	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
28	TON	RIP RAP, CLASS B
26	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L150421 002****CONTRACT ID : C203621 38465.3.FD1****DIV OFFICE WILSON****LENGTH = 0.104 MI****COUNTY : WILSON****GRADING, DRAINAGE, PAVING & STRUCTURE.****DBE GOAL 5.0% COMPLETION DATE : MAR 21 2016****BRIDGE #119 OVER LITTLE CONTENTNEA CREEK ON SR-1531.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+12.50 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
1,000	CY	UNDERCUT EXCAVATION
1,000	CY	SELECT GRANULAR MATERIAL
2,500	SY	GEOTEXTILE FOR SOIL STABILIZATION
500	CY	SHALLOW UNDERCUT
950	TON	CLASS IV SUBGRADE STABILIZATION
50	TON	INCIDENTAL STONE BASE
250	SY	INCIDENTAL MILLING
320	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
225	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX
4	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
50	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
450	SY	GEOTEXTILE FOR DRAINAGE
275	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
1,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,000	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
30	TON	STONE FOR EROSION CONTROL, CLASS B
10	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
600	LF	SAFETY FENCE
40	CY	SILT EXCAVATION
1,500	SY	MATting FOR EROSION CONTROL
150	SY	COIR FIBER MAT
180	SY	FLOATING TURBIDITY CURTAIN
150	LF	COIR FIBER WATTLE
15	LB	POLYACRYLAMIDE (PAM)
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
15	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

50	LF	GENERIC EROSION CONTROL ITEM
		COIR FIBER WATTLE BARRIER

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+12.50-L-)
1	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+12.50-L-)
25.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+12.50-L-)
4,254	LB	REINFORCING STEEL (BRIDGE)
700	LF	12" PRESTRESSED CONCRETE PILES
8	EA	PILE REDRIVES
110.25	LF	VERTICAL CONCRETE BARRIER RAIL
130	TON	RIP RAP CLASS II (2'-0" THICK)
144	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
605	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L150421 003****CONTRACT ID : C203564 42270.3.FR1****DIV OFFICE WILSON****LENGTH = 1.321 MI****COUNTY : NASH****GRADING, DRAINAGE, PAVING, AND STRUCTURES.****DBE GOAL 8.0% COMPLETION DATE : NOV 10 2016****REPLACE BRIDGES 85, 141, AND 151 OVER SWIFT CREEK ON US-301.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
2	EA	SEALING ABANDONED WELLS
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (22+49.00 -L-)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (36+88.50 -L-)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (54+85.50 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
1,000	CY	UNDERCUT EXCAVATION
320	CY	DRAINAGE DITCH EXCAVATION
1,000	CY	SELECT GRANULAR MATERIAL
4,000	SY	GEOTEXTILE FOR SOIL STABILIZATION
4,150	TON	ROCK EMBANKMENTS
8,120	SY	GEOTEXTILE FOR ROCK EMBANKMENTS
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
70	SY	FOUNDATION CONDITIONING GEOTEXTILE
108	LF	15" SIDE DRAIN PIPE
36	LF	18" SIDE DRAIN PIPE
40	LF	15" RC PIPE CULVERTS, CLASS IV
5	LF	PIPE REMOVAL
1	EA	PIPE CLEAN-OUT
8,050	TON	#57 STONE
1,000	CY	SHALLOW UNDERCUT
2,000	TON	CLASS IV SUBGRADE STABILIZATION
1,000	TON	INCIDENTAL STONE BASE
5,930	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 5.4")
213.4	SY	INCIDENTAL MILLING
4,380	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
3,170	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
5,180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
660	TON	ASPHALT BINDER FOR PLANT MIX
250	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
19	EA	RIGHT OF WAY MARKERS
7	EA	MASONRY DRAINAGE STRUCTURES
2.6	LF	MASONRY DRAINAGE STRUCTURES
6	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
114	LF	SHOULDER BERM GUTTER
5,937.5	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
12	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
12	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2,287.06	LF	REMOVE EXISTING GUARDRAIL
100	TON	RIP RAP, CLASS I
8	TON	RIP RAP, CLASS B
1,015	SY	GEOTEXTILE FOR DRAINAGE
55	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
4	EA	SIGN ERECTION, TYPE E
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	STOCKPILE SIGN, A B OR C (GROUND MOUNTED)

1	EA	DISPOSAL OF SIGN, A, B OR C (GROUND MOUNTED)
537	SF	WORK ZONE SIGNS (STATIONARY)
138	SF	WORK ZONE SIGNS (PORTABLE)
203	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	FLASHING ARROW BOARD
1	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
35	EA	DRUMS
160	LF	BARRICADES (TYPE III)
1	EA	TMA
1	EA	GENERIC TRAFFIC CONTROL ITEM SIGNS, COVERING
174	EA	TEMPORARY RAISED PAVEMENT MARKERS
13,136	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
13,136	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,648	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
27,760	LF	PAINT PAVEMENT MARKING LINES (4")
88	EA	PERMANENT RAISED PAVEMENT MARKERS
10,100	LF	TEMPORARY SILT FENCE
165	TON	STONE FOR EROSION CONTROL, CLASS A
140	TON	STONE FOR EROSION CONTROL, CLASS B
600	TON	SEDIMENT CONTROL STONE
9	ACR	TEMPORARY MULCHING
600	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
5,800	LF	SAFETY FENCE
170	CY	SILT EXCAVATION
21,000	SY	MATTING FOR EROSION CONTROL
325	SY	COIR FIBER MAT
120	SY	PERMANENT SOIL REINFORCEMENT MAT
1,110	LF	1/4" HARDWARE CLOTH
6,500	SY	FLOATING TURBIDITY CURTAIN
14	EA	SPECIAL STILLING BASINS
180	LF	WATTLE
4,800	LF	COIR FIBER WATTLE BARRIER
55	LB	POLYACRYLAMIDE (PAM)
9	ACR	SEEDING & MULCHING
5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
6	TON	FERTILIZER TOPDRESSING
485	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (17+17.80 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (74+25.00 -L-)
109	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
141.4	CY	CLASS A CONCRETE (CULVERT)
16,993	LB	REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

			11,975	LB	REINFORCING STEEL (BRIDGE)	
			570	LF	16" PRESTRESSED CONCRETE PILES	
			12	EA	PILE REDRIVES	
					*** OR ***	
			32.4	CY	CLASS A CONCRETE (BRIDGE)	
			5,307	LB	REINFORCING STEEL (BRIDGE)	
			665	LF	16" PRESTRESSED CONCRETE PILES	
			14	EA	PILE REDRIVES	
			94.5	LF	GENERIC STRUCTURE ITEM	
					3'-0" X 2'-6" PRESTRESSED CONC	
					BENT CAP	
					*** END SCHEDULE IC ***	
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (22+49.00 -L-)				
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (36+88.50 -L-)				
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (54+85.50 -L-)				
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+49.00 -L-)				
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (36+88.50 -L-)				
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (54+85.50 -L-)				
3	EA	PDA TESTING				
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (22+49.00 -L-)				
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (36+88.50 -L-)				
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (54+85.50 -L-)				
16,968	SF	CONCRETE WEARING SURFACE				
21,491	SF	GROOVING BRIDGE FLOORS				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+49.00 -L-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (36+88.50 -L-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (54+85.50 -L-)				
1,530	LF	12" PRESTRESSED CONCRETE PILES				
811.25	LF	CONCRETE BARRIER RAIL				
1,080	TON	RIP RAP CLASS II (2'-0" THICK)				
1,199	SY	GEOTEXTILE FOR DRAINAGE				
Lump Sum	LS	ELASTOMERIC BEARINGS				
3,150	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS				
2,925	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS				
		***** BEGIN SCHEDULE IA ***** ***** (2 ALTERNATES) *****				
49.7	CY	CLASS A CONCRETE (BRIDGE)				
9,809	LB	REINFORCING STEEL (BRIDGE)				
315	LF	16" PRESTRESSED CONCRETE PILES				
10	EA	PILE REDRIVES				
		*** OR ***				
34.8	CY	CLASS A CONCRETE (BRIDGE)				
6,512	LB	REINFORCING STEEL (BRIDGE)				
360	LF	16" PRESTRESSED CONCRETE PILES				
10	EA	PILE REDRIVES				
47.25	LF	GENERIC STRUCTURE ITEM				
		3'-0" X 2'-6" PRESTRESSED CONC BENT CAP				
		*** END SCHEDULE IA ***				
		***** BEGIN SCHEDULE IB ***** ***** (2 ALTERNATES) *****				
65	CY	CLASS A CONCRETE (BRIDGE)				
12,246	LB	REINFORCING STEEL (BRIDGE)				
480	LF	16" PRESTRESSED CONCRETE PILES				
113	LF	PREDRILLING FOR PILES				
12	EA	PILE REDRIVES				
		*** OR ***				
35	CY	CLASS A CONCRETE (BRIDGE)				
5,724	LB	REINFORCING STEEL (BRIDGE)				
560	LF	16" PRESTRESSED CONCRETE PILES				
151	LF	PREDRILLING FOR PILES				
14	EA	PILE REDRIVES				
94.5	LF	GENERIC STRUCTURE ITEM				
		3'-0" X 2'-6" PRESTRESSED CONC BENT CAP				
		*** END SCHEDULE IB ***				
		***** BEGIN SCHEDULE IC ***** ***** (2 ALTERNATES) *****				
62.2	CY	CLASS A CONCRETE (BRIDGE)				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L150421 004****CONTRACT ID : C203584 47019.3.FS1****DIV OFFICE WILSON****LENGTH = 6.120 MI****COUNTY : JOHNSTON****PAVEMENT REHABILITATION.****DBE GOAL 6.0% COMPLETION DATE : OCT 30 2015****I-95 FROM JOHNSTON COUNTY LINE AT MM-77.8 TO EAST OF I-40 AT MM-84.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
130	CY	UNDERCUT EXCAVATION
400	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT SLABS
400	SY	GEOTEXTILE FOR SOIL STABILIZATION
340	TON	AGGREGATE BASE COURSE
27,405	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2")
241,654	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (2")
250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
136	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
22,709	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,358	TON	ASPHALT BINDER FOR PLANT MIX
659	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
187	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
10,636	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED
129,254	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
240	SF	WORK ZONE SIGNS (STATIONARY)
458	SF	WORK ZONE SIGNS (PORTABLE)
26	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	FLASHING ARROW BOARD
7	EA	PORTABLE CHANGEABLE MESSAGE SIGN
14	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
200	EA	DRUMS
48	LF	BARRICADES (TYPE III)
2	EA	TMA
168	HR	LAW ENFORCEMENT
1,254	EA	TEMPORARY RAISED PAVEMENT MARKERS
150,870	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
23,430	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
3,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
2,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
348,600	LF	PAINT PAVEMENT MARKING LINES (6")
12,600	LF	PAINT PAVEMENT MARKING LINES (12")
200	LF	PAINT PAVEMENT MARKING LINES (24")
64	EA	PAINT PAVEMENT MARKING CHARACTER
72	EA	PAINT PAVEMENT MARKING SYMBOL
1,486	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
400	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L150421 005

CONTRACT ID : C203682 5CR.10911.14

DIV OFFICE DURHAM

LENGTH = 20.300 MI

COUNTY : VANCE

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : APR 30 2016

US-158 BYP FROM I-85 TO GRANVILLE CO LINE, US-158 BUS FROM GRANVILLE CO LINE TO BEG C&G AND 4
SECTIONS OF SECONDARY RDS

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,060	CY	BORROW EXCAVATION
1,060	TON	INCIDENTAL STONE BASE
42.2	SMI	SHOULDER RECONSTRUCTION
57,414	SY	MILLING ASPHALT PAVEMENT, ***11 DEPTH (1-1/2")
314	SY	MILLING ASPHALT PAVEMENT, ***11 DEPTH (1-1/4")
845	SY	MILLING ASPHALT PAVEMENT, ***11 TO *****11 (0" TO 1-1/2")
267	SY	MILLING ASPHALT PAVEMENT, ***11 TO *****11 (0" TO 1-1/4")
7,304	SY	INCIDENTAL MILLING
22,333	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,530	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,709	TON	ASPHALT BINDER FOR PLANT MIX
480	TON	PATCHING EXISTING PAVEMENT
4	EA	ADJUSTMENT OF MANHOLES
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,342	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
227,868	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
149,762	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,406	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,260	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
121	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
76,429	LF	PAINT PAVEMENT MARKING LINES (4")
505	EA	PERMANENT RAISED PAVEMENT MARKERS
975	EA	SNOWPLOWABLE PAVEMENT MARKERS
3,140	LF	TEMPORARY SILT FENCE
7,870	LF	WATTLE
30.83	ACR	SEEDING & MULCHING
7,195	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L150421 006

CONTRACT ID : C203680 5CR.10931.15

DIV OFFICE DURHAM

LENGTH = 38.210 MI

COUNTY : WARREN

RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : APR 30 2016

NC-58 FROM FRANKLIN COUNTY LINE TO NC-43, NC-43 FROM HALIFAX COUNTY LINE TO NC-58, AND 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
7,642	CY	BORROW EXCAVATION
1,911	TON	INCIDENTAL STONE BASE
76.42	SMI	SHOULDER RECONSTRUCTION
6,490	SY	INCIDENTAL MILLING
317	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
21,820	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14,193	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,274	TON	ASPHALT BINDER FOR PLANT MIX
365	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,146	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
411,140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
252,487	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,140	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
1,140	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,413	EA	PERMANENT RAISED PAVEMENT MARKERS
5,366	LF	TEMPORARY SILT FENCE
13,440	LF	WATTLE
55.42	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L150421 007

CONTRACT ID : C203684 10CR.10131.38

DIV OFFICE ALBEMARLE

LENGTH = 22.690 MI

COUNTY : CABARRUS

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : JUN 30 2016

NC-3 FROM SR-1691 TO SR-1008, US-29 FROM NC-73 TO SR-1414, AND 15 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS					
			1,050	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			1,670	EA	PERMANENT RAISED PAVEMENT MARKERS
			2,500	LF	TEMPORARY SILT FENCE
			1,830	LF	WATTLE
Lump Sum	LS	MOBILIZATION			
2,331	CY	BORROW EXCAVATION			
38,720	SY	GENERIC GRADING ITEM			
		SOIL CEMENT BASE (FULL DEPTH RECLAMATION)			
1,200	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE			
46	TON	INCIDENTAL STONE BASE			
23.25	SMI	SHOULDER RECONSTRUCTION			
172,980	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")			
2,000	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (4")			
7,047	SY	MILLING ASPHALT PAVEMENT, ***" TO *****" (0" TO 1-1/2")			
1,400	SY	INCIDENTAL MILLING			
316	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
3,238	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
18,177	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
20,142	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)			
4,786	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
400	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)			
2,883	TON	ASPHALT BINDER FOR PLANT MIX			
4,740	TON	PATCHING EXISTING PAVEMENT			
35,200	SY	ASPHALT SURFACE TREATMENT, SINGLE SEAL			
12,320	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT			
60	LF	2'-6" CONCRETE CURB & GUTTER			
35	SY	4" CONCRETE SIDEWALK			
14	EA	RETROFIT EXISTING CURB RAMP			
20	EA	CONCRETE CURB RAMP			
60	SY	6" CONCRETE DRIVEWAY			
24	EA	ADJUSTMENT OF MANHOLES			
33	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
2,172	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
145	HR	LAW ENFORCEMENT			
132,887	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
98,069	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
1,930	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
1,785	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
246	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
1,050	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)			
56,710	LF	PAINT PAVEMENT MARKING LINES (4")			
1,265	LF	PAINT PAVEMENT MARKING LINES (24")			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L150421 008

CONTRACT ID : C203566 39894.3.FS1

DIV OFFICE SHELBY

LENGTH = 1.572 MI

COUNTY : IREDELL

REST AREA.

DBE GOAL 11.0% COMPLETION DATE : SEP 01 2018

I-77 REST AREA PAIR ON NEW LOCATION AT MILE MARKER #58.

ROADWAY ITEMS			47,450	SY	GENERIC PAVING ITEM
					9" PORT CEM CONC PAVEMENT (WITH DOWELS)
Lump Sum	LS	MOBILIZATION			
2	ACR	GENERIC MISCELLANEOUS ITEM	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
		VEGETATION REMOVAL FOR TRAIL	336	CY	SUBDRAIN EXCAVATION
15	TON	GENERIC MISCELLANEOUS ITEM	1,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
		RIVER ROCK	168	CY	SUBDRAIN COARSE AGGREGATE
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	1,000	LF	6" PERFORATED SUBDRAIN PIPE
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	SUBDRAIN PIPE OUTLET
473,000	CY	UNCLASSIFIED EXCAVATION	12	LF	6" OUTLET PIPE
1,000	CY	UNDERCUT EXCAVATION	2,250	LF	SHOULDER DRAIN
6,125	CY	DRAINAGE DITCH EXCAVATION	2,250	LF	4" SHOULDER DRAIN PIPE
19,310	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	120	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
20	HR	PROOF ROLLING	10	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
3,000	CY	SELECT GRANULAR MATERIAL	5	TON	BLOTTING SAND
7,500	SY	GEOTEXTILE FOR SOIL STABILIZATION	82	EA	MASONRY DRAINAGE STRUCTURES
740	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	43	CY	MASONRY DRAINAGE STRUCTURES
2,320	SY	FOUNDATION CONDITIONING GEOTEXTILE	20.9	LF	MASONRY DRAINAGE STRUCTURES
168	LF	***" SIDE DRAIN PIPE (30")	2	EA	FRAME WITH TWO GRATES, STD 840.20
156	LF	15" SIDE DRAIN PIPE	10	EA	FRAME WITH TWO GRATES, STD 840.22
1	EA	***" SIDE DRAIN PIPE ELBOWS (15")	2	EA	FRAME WITH TWO GRATES, STD 840.29
3,696	LF	****" RC PIPE CULVERTS, CLASS ***** (15", V)	4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
928	LF	****" RC PIPE CULVERTS, CLASS ***** (18", V)	55	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
1,848	LF	****" RC PIPE CULVERTS, CLASS ***** (24", V)	7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
128	LF	****" RC PIPE CULVERTS, CLASS ***** (66", V)	2	EA	FRAME WITH COVER, STD 840.54
24	LF	15" CS PIPE CULVERTS, 0.064" THICK	13,750	LF	2'-6" CONCRETE CURB & GUTTER
8	LF	18" CS PIPE CULVERTS, 0.064" THICK	405	LF	SHOULDER BERM GUTTER
115	LF	PIPE REMOVAL	3,655	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	FINE GRADING	9	EA	CONCRETE CURB RAMP
30,210	SY	LIME TREATED SOIL (SLURRY METHOD)	20	SY	6" CONCRETE DRIVEWAY
310	TON	LIME FOR LIME TREATED SOIL	400	LF	STEEL BM GUARDRAIL
2,000	CY	SHALLOW UNDERCUT	10	EA	ADDITIONAL GUARDRAIL POSTS
4,000	TON	CLASS IV SUBGRADE STABILIZATION	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
1,000	TON	STABILIZER AGGREGATE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
8,294	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION	450	LF	REMOVE EXISTING GUARDRAIL
150	TON	AGGREGATE BASE COURSE	1,325	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BEAM GUARDRAIL
30,210	SY	SOIL CEMENT BASE	4	EA	GENERIC GUARDRAIL ITEM PAINTED GUARDRAIL ANCHOR UNITS, TYPE 350
831	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE	6	EA	GENERIC GUARDRAIL ITEM WEATHERED STEEL BEAM GUARDRAIL ANCHOR UNITS, TYPE CAT-1
9,070	GAL	ASPHALT CURING SEAL	175	TON	RIP RAP, CLASS I
25	TON	INCIDENTAL STONE BASE	95	TON	RIP RAP, CLASS II
3,000	CY	SHOULDER BORROW	60	TON	RIP RAP, CLASS B
134.62	GAL	PRIME COAT	1,725	SY	GEOTEXTILE FOR DRAINAGE
300	SY	INCIDENTAL MILLING	3	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
11,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2	CY	PLAIN CONCRETE SIGN FOUNDATIONS
9,490	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	741	LB	SUPPORTS, BREAKAWAY STEEL BEAM
7,730	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	2,405	LB	SUPPORTS, SIMPLE STEEL BEAM
7,680	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,000	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
40	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	10	EA	SIGN ERECTION, TYPE D
1,755	TON	ASPHALT BINDER FOR PLANT MIX	43	EA	SIGN ERECTION, TYPE E
40	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
37,100	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
			220	SF	WORK ZONE SIGNS (STATIONARY)
			470	SF	WORK ZONE SIGNS (PORTABLE)

			3,000	TON	STONE FOR EROSION CONTROL, CLASS B
			2,500	TON	SEDIMENT CONTROL STONE
			33	ACR	TEMPORARY MULCHING
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	2,100	LB	SEED FOR TEMPORARY SEEDING
6	EA	FLASHING ARROW BOARD	11.5	TON	FERTILIZER FOR TEMPORARY SEEDING
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	3,000	LF	TEMPORARY SLOPE DRAINS
150	EA	DRUMS	5,400	LF	SAFETY FENCE
64	LF	BARRICADES (TYPE III)	19,170	CY	SILT EXCAVATION
4	EA	TEMPORARY CRASH CUSHIONS	36,000	SY	MATTING FOR EROSION CONTROL
2	EA	TMA	250	SY	COIR FIBER MAT
9,900	LF	PORTABLE CONCRETE BARRIER	1,325	SY	PERMANENT SOIL REINFORCEMENT MAT
185	EA	TEMPORARY RAISED PAVEMENT MARKERS	3,400	LF	1/4" HARDWARE CLOTH
140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	265	LF	*** TEMPORARY PIPE (24")
28	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	240	CY	STILLING BASINS
20,920	LF	PAINT PAVEMENT MARKING LINES (4")	2,200	LF	COIR FIBER WATTLE
98,250	LF	PAINT PAVEMENT MARKING LINES (6")	1,550	LB	POLYACRYLAMIDE (PAM)
3,412	LF	PAINT PAVEMENT MARKING LINES (8")	6,600	LF	COIR FIBER BAFFLE
5,375	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)	7	EA	*** SKIMMER (1-1/2")
32,088	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)	2	EA	*** SKIMMER (2-1/2")
180	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)	2	EA	*** SKIMMER (3")
2,275	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)	51	ACR	SEEDING & MULCHING
18,200	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	33	ACR	MOWING
205	EA	SNOWPLOWABLE PAVEMENT MARKERS	450	LB	SEED FOR REPAIR SEEDING
22	EA	POST TOP STANDARD, TYPE AB ***** (15' MH)	2.5	TON	FERTILIZER FOR REPAIR SEEDING
64	EA	STANDARD FOUNDATION ***** (TYPE R1)	1,450	LB	SEED FOR SUPPLEMENTAL SEEDING
22	EA	STANDARD FOUNDATION ***** (TYPE R1S)	5,530	SY	SODDING
2	EA	STANDARD FOUNDATION ***** (TYPE R2)	43.5	TON	FERTILIZER TOPDRESSING
22	EA	POST TOP LUMINAIRES, TYPE ***** (LED, TYPE V)	70	LF	IMPERVIOUS DIKE
172	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	30	MHR	SPECIALIZED HAND MOWING
139	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	100	EA	RESPONSE FOR EROSION CONTROL
132	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")	150	CY	MULCH FOR PLANTING
210	LF	** #8 W/G FEEDER CIRCUIT (2)	120	M/G	WATER FOR PLANTING
480	LF	** #2 W/G FEEDER CIRCUIT (2)	1,670	SY	POSTEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
3,365	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	1,670	SY	PREEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
8,818	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	6	CY	CONCRETE STEPS
635	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	2,000	CY	TOPSOIL
66	EA	GENERIC LIGHTING ITEM DAVIT STYLE LIGHT STANDARD, MH 35', SA 6'	2	EA	3/4" POST TYPE YARD HYDRANT
6	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES, PC18	1	EA	GENERIC REST AREA ITEM 2 1/8" POST TYPE FIRE HYDRANT
4	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES, PC30	3	EA	GENERIC REST AREA ITEM 3" GATE VALVE AND BOX
1	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES, PC36	2	EA	GENERIC REST AREA ITEM 3/4" GATE VALVE AND BOX
1	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, TYPE RA, 120V/208V	14	EA	GENERIC REST AREA ITEM 5' POLYWOOD BENCH
66	EA	GENERIC LIGHTING ITEM ROADWAY LUMINAIRE, LED, TYPE III	2	EA	GENERIC REST AREA ITEM ARBOR
1	EA	3" RPZ BACKFLOW PREVENTION ASSEMBLY	6	EA	GENERIC REST AREA ITEM CURB BUMPER
8,000	LF	TEMPORARY SILT FENCE	2	EA	GENERIC REST AREA ITEM DEPRESSED SIDEWALK RAMP
780	TON	STONE FOR EROSION CONTROL, CLASS A	1	EA	GENERIC REST AREA ITEM FLAG POLE
			1	EA	GENERIC REST AREA ITEM HINGED METAL BOLLARD
			7	EA	GENERIC REST AREA ITEM PICNIC SHELTER WITH PICNIC TABLE
			2	EA	GENERIC REST AREA ITEM PICNIC TABLE
			27	EA	GENERIC REST AREA ITEM RECYCLING CONTAINER
			2	EA	GENERIC REST AREA ITEM SERVICE AREA DUAL GATE
			1	EA	GENERIC REST AREA ITEM TRANSFORMER PAD
			27	EA	GENERIC REST AREA ITEM WASTE CONTAINER
			Lump Sum	LS	GENERIC REST AREA ITEM CISTERN
			Lump Sum	LS	GENERIC REST AREA ITEM ELECTRICAL INSTALLATION FOR REST AREA BUILDING
			Lump Sum	LS	GENERIC REST AREA ITEM ELECTRICAL INSTALLATION FOR STORAGE BUILDING
			Lump Sum	LS	GENERIC REST AREA ITEM GENERAL CONSTRUCTION FOR STORAGE BUILDING
			Lump Sum	LS	GENERIC REST AREA ITEM GENERAL CONSTRUCTION FOR REST AREA BUILDING
			Lump Sum	LS	GENERIC REST AREA ITEM IRRIGATION
			Lump Sum	LS	GENERIC REST AREA ITEM LANDSCAPE FINISH GRADING

Lump Sum	LS	GENERIC REST AREA ITEM LANDSCAPE LIGHTING
Lump Sum	LS	GENERIC REST AREA ITEM LANDSCAPE PLANTING
Lump Sum	LS	GENERIC REST AREA ITEM MECHANICAL INSTALLATION FOR REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM PERGOLA
Lump Sum	LS	GENERIC REST AREA ITEM PLUMBING INSTALLATION FOR REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM SITE SIGNING
Lump Sum	LS	GENERIC REST AREA ITEM STORMWATER COLLECTION SYSTEM
Lump Sum	LS	GENERIC REST AREA ITEM WATER FEATURE
1,220	LF	GENERIC REST AREA ITEM 1" PVC WATER PIPE, SCH 80
200	LF	GENERIC REST AREA ITEM 3" PVC SLEEVE
1,220	LF	GENERIC REST AREA ITEM 3" PVC WATER PIPE, SCH 80
260	LF	GENERIC REST AREA ITEM 3/4" PVC WATER PIPE, SCH 80
510	LF	GENERIC REST AREA ITEM 9" CONCRETE BORDER
900	LF	GENERIC REST AREA ITEM FARM POST & RAIL FENCE
175	LF	GENERIC REST AREA ITEM FREE STANDING STONE WALL
240	LF	GENERIC REST AREA ITEM LANDSCAPE METAL EDGING
16	LF	GENERIC REST AREA ITEM METAL HAND RAIL
75	LF	GENERIC REST AREA ITEM STONE RETAINING WALL
1,900	LF	GENERIC REST AREA ITEM TREE PROTECTION FENCE
3,100	SF	GENERIC REST AREA ITEM DECORATIVE CONCRETE PAVERS

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+59.42-L3-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (41+56.10-L1-)
235.7	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
283.9	CY	CLASS A CONCRETE (CULVERT)
35,075	LB	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L150421 009

CONTRACT ID : C203679 12CR.10021.13

DIV OFFICE SHELBY

LENGTH = 15.408 MI

COUNTY : ALEXANDER

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : MAY 15 2016

US-64 FROM IREDELL COUNTY LINE TO NC-90 AND 2 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
900	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
250	TON	INCIDENTAL STONE BASE
22	SMI	SHOULDER RECONSTRUCTION
185,000	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(5/8")
1,550	SY	INCIDENTAL MILLING
790	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
35,310	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
2,255	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B (LEVELING COURSE)
2,300	TON	ASPHALT BINDER FOR PLANT MIX
650	TON	PATCHING EXISTING PAVEMENT
120,000	LF	MILLED RUMBLE STRIPS (ASPHALT
		CONCRETE)
3	EA	ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
3,015	SF	WORK ZONE ADVANCE/GENERAL
		WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
200	HR	LAW ENFORCEMENT
3,500	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 90 MILS)
1,325	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
171	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
193,040	LF	PAINT PAVEMENT MARKING LINES
		(4")
216,000	LF	POLYUREA PAVEMENT MARKING
		LINES (4", *****)
		(HIGHLY REFLECTIVE ELEMENTS)
3,510	LF	POLYUREA PAVEMENT MARKING
		LINES (8", *****)
		(HIGHLY REFLECTIVE ELEMENTS)
1,783	EA	SNOWFLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L150421 010

CONTRACT ID : C203677 12CR.10181.16

DIV OFFICE SHELBY

LENGTH = 14.420 MI

COUNTY : CATAWBA

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 13 2015

US-321 FROM LINCOLN COUNTY LINE TO SR-1005 BRIDGE, AND 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,810	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
250	TON	INCIDENTAL STONE BASE
29.11	SMI	SHOULDER RECONSTRUCTION
92,400	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
4,475	SY	INCIDENTAL MILLING
1,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
11,838	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
895	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
8,538	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,604	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
480	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,511	TON	ASPHALT BINDER FOR PLANT MIX
3,155	TON	PATCHING EXISTING PAVEMENT
115,561	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #*** STONE (67)
46,225	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
54,500	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
6	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,250	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
60	HR	LAW ENFORCEMENT
59,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
68,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
60,250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
6,850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
515	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
49	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
249,750	LF	PAINT PAVEMENT MARKING LINES (4")
67,100	LF	PAINT PAVEMENT MARKING LINES (6")
1,250	LF	PAINT PAVEMENT MARKING LINES (12")
1,300	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L150421 011

CONTRACT ID : C203678 12CR.10361.19

DIV OFFICE SHELBY

LENGTH = 21.330 MI

COUNTY : GASTON

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 01 2016

1 SECTION EACH OF NC-279, NC-275, NC-273, US-321 & NC-7 AND 13 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,892	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
502	TON	INCIDENTAL STONE BASE
33.63	SMI	SHOULDER RECONSTRUCTION
120,877	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
2,440	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
4,890	SY	INCIDENTAL MILLING
1,696	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
30,005	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,619	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,368	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
123	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
2,132	TON	ASPHALT BINDER FOR PLANT MIX
6,899	TON	PATCHING EXISTING PAVEMENT
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
28	EA	RETROFIT EXISTING CURB RAMP
2	EA	CONCRETE CURB RAMP
5	EA	ADJUSTMENT OF CATCH BASINS
2	EA	ADJUSTMENT OF DROP INLETS
68	EA	ADJUSTMENT OF MANHOLES
27	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
6	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN
2,508	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
510	HR	LAW ENFORCEMENT
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,195	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
920	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
159	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
376,335	LF	PAINT PAVEMENT MARKING LINES (4")
262,490	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
891	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L150421 012****CONTRACT ID : C203562 33217.3.FS1****DIV OFFICE ASHEVILLE****LENGTH = 0.511 MI****COUNTY : MCDOWELL****GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURE.****DBE GOAL 7.0% COMPLETION DATE : MAR 30 2018****BRIDGE #17 OVER SECOND BROAD RIVER ON US-221.**

ROADWAY ITEMS					
			82	CY	FLOWABLE FILL
			6	EA	MASONRY DRAINAGE STRUCTURES
			4,643	CY	MASONRY DRAINAGE STRUCTURES
			0.3	LF	MASONRY DRAINAGE STRUCTURES
			1	EA	FRAME WITH GRATE, STD 840.22
			2	EA	FRAME WITH TWO GRATES, STD 840.22
			5	EA	FRAME WITH TWO GRATES, STD 840.29
			680	LF	SHOULDER BERM GUTTER
			11	SY	4" CONCRETE PAVED DITCH
			2,025	LF	STEEL BM GUARDRAIL
			5	EA	ADDITIONAL GUARDRAIL POSTS
			6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			215	LF	REMOVE & RESET EXISTING GUARDRAIL
			4,123	LF	REMOVE EXISTING GUARDRAIL
			3	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
			100	TON	RIP RAP, CLASS I
			935	TON	RIP RAP, CLASS II
			285	TON	RIP RAP, CLASS B
			3,070	SY	GEOTEXTILE FOR DRAINAGE
			14	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			1	EA	SIGN ERECTION, TYPE E
			1	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			234	SF	WORK ZONE SIGNS (STATIONARY)
			117	SF	WORK ZONE SIGNS (PORTABLE)
			74	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			80	EA	DRUMS
			35	EA	CONES
			80	LF	BARRICADES (TYPE III)
			600	HR	FLAGGER
			4	EA	TEMPORARY CRASH CUSHIONS
			2	EA	RESET TEMPORARY CRASH CUSHION
			2	EA	TMA
			1,210	LF	PORTABLE CONCRETE BARRIER
			110	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			750	LF	RESET PORTABLE CONCRETE BARRIER
			80	HR	LAW ENFORCEMENT
			35	EA	SKINNY DRUM
			150	EA	TEMPORARY RAISED PAVEMENT MARKERS
			46,376	LF	PAINT PAVEMENT MARKING LINES (4")
			8,089	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
			5,856	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			4	EA	PERMANENT RAISED PAVEMENT MARKERS
			37	EA	SNOWFLOWABLE PAVEMENT MARKERS
			9,500	LF	TEMPORARY SILT FENCE
			180	TON	STONE FOR EROSION CONTROL, CLASS A
			1,630	TON	STONE FOR EROSION CONTROL, CLASS B
			1,450	TON	SEDIMENT CONTROL STONE
			12	ACR	TEMPORARY MULCHING
			700	LB	SEED FOR TEMPORARY SEEDING
			4.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			750	LF	TEMPORARY SLOPE DRAINS
			600	LF	SAFETY FENCE
			2,720	CY	SILT EXCAVATION
			20,000	SY	MATTING FOR EROSION CONTROL
			800	SY	COIR FIBER MAT
			850	LF	1/4" HARDWARE CLOTH
			26	EA	SPECIAL STILLING BASINS
			550	LF	WATTLE
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
1	EA	SEALING ABANDONED WELLS			
125,000	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (29+38)			
200	CY	UNDERCUT EXCAVATION			
1,130	CY	DRAINAGE DITCH EXCAVATION			
6,920	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
200	CY	SELECT GRANULAR MATERIAL			
800	SY	GEOTEXTILE FOR SOIL STABILIZATION			
6,691	SF	TEMPORARY SHORING			
110	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
330	SY	FOUNDATION CONDITIONING GEOTEXTILE			
52	LF	***" SIDE DRAIN PIPE (30")			
64	LF	***" SIDE DRAIN PIPE (48")			
112	LF	15" SIDE DRAIN PIPE			
144	LF	18" SIDE DRAIN PIPE			
2	EA	***" SIDE DRAIN PIPE ELBOWS (15")			
2	EA	***" SIDE DRAIN PIPE ELBOWS (18")			
124	LF	24" RC PIPE CULVERTS, CLASS III			
144	LF	36" RC PIPE CULVERTS, CLASS III			
144	LF	54" RC PIPE CULVERTS, CLASS III			
224	LF	15" RC PIPE CULVERTS, CLASS IV			
28	LF	***" CS PIPE CULVERTS, ***** THICK (54", 0.109")			
100	LF	15" CS PIPE CULVERTS, 0.064" THICK			
2	EA	***" CS PIPE ELBOWS, ***** THICK (15", 0.064")			
191	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
100	CY	SHALLOW UNDERCUT			
160	TON	CLASS IV SUBGRADE STABILIZATION			
576	TON	AGGREGATE BASE COURSE			
100	TON	INCIDENTAL STONE BASE			
680	CY	SHOULDER BORROW			
210	GAL	PRIME COAT			
135	SY	INCIDENTAL MILLING			
3,010	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
1,140	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
1,930	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
305	TON	ASPHALT BINDER FOR PLANT MIX			
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
9	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			
3.4	CY	ENDWALLS			
5.2	CY	REINFORCED ENDWALLS			
2.12	CY	PIPE COLLARS			

180	LB	POLYACRYLAMIDE (PAM)
800	LF	COIR FIBER BAFFLE
5	EA	*** SKIMMER (1-1/2")
18	ACR	SEEDING & MULCHING
6	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.75	TON	FERTILIZER FOR REPAIR SEEDING
450	LB	SEED FOR SUPPLEMENTAL SEEDING
13	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
15	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION

WALL ITEMS

4,746	SF	GENERIC RETAINING WALL ITEM MATTRESS SCOUR PROTECTION
9,165	SF	GENERIC RETAINING WALL ITEM MSE WIRE FACED RETAINING WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (29+38.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (29+38.00 -L-)
112.2	LF	3'-6" DIA DRILLED PIERS IN SOIL
148	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
112.3	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	PDA TESTING
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (29+38.00 -L-)
13,076	SF	REINFORCED CONCRETE DECK SLAB
12,674	SF	GROOVING BRIDGE FLOORS
256.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (29+38.00 -L-)
57,934	LB	REINFORCING STEEL (BRIDGE)
7,066	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,554.64	LF	54" PRESTRESSED CONCRETE GIR- DERS
120	LF	HP12X53 STEEL PILES
8	EA	STEEL PILE POINTS
674.38	LF	CONCRETE BARRIER RAIL
400	TON	RIP RAP, CLASS ** (II)
324	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS