

**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 FEBRUARY 18, 2014. 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 JANUARY 21, 2014.  
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.

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
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	J. Wally Bowman, 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	PO BOX 1067	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	Michael L Holder, 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** L140218

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C203350	38597.3.FD1	VANCE, WARREN	0.123 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C202573	40890.3.FD1	WAKE	0.296 MI	GRADING, PAVING, DRAINAGE, AND STRUCTURE.
003	C203453	47051.3.3	GRANVILLE	0.170 MI	BRIDGE REHABILITATION.
004	C203348	38380.3.FD1	COLUMBUS	0.060 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C203354	42291.3.FD1	HOKE	0.085 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
006	C203355	42296.3.FD1	STANLY	0.095 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C203507	10CR.10841.40	ET STANLY	11.980 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C203349	38476.3.FD1	ALLEGHANY	0.093 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
009	C203357	41188.3.FS1	GASTON	2.244 MI	WEIGH STATION, GRADING, DRAINAGE, PAVING, LIGHTING & CULVERT
010	C203353	42248.3.FD1	ALEXANDER	0.095 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
011	C203356	42323.3.FD1	LINCOLN	0.133 MI	GRADING, DRAINAGE, PAVING AND CULVERT.
012	C203384	45828.3.FS1	IREDELL	7.200 MI	PAVEMENT REHABILITATION.
013	C203351	40165.3.FD1	MADISON	0.052 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
014	C203506	13CR.10111.15	ET BUNCOMBE	24.200 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
015	C203504	13CR.10571.11	ET MADISON	12.470 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
016	C203505	13CR.11001.12	ET YANCEY	11.170 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
017	C203347	33004.3.FD1	HENDERSON	0.088 MI	GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURE.
018	C203352	40156.3.FD1	HENDERSON	0.051 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 001

CONTRACT ID : C203350 38597.3.FD1

DIV OFFICE DURHAM

LENGTH = 0.123 MI

COUNTY : VANCE, WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : APR 30 2015

BRIDGE #53 OVER SANDY CREEK ON SR-1523.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+83.43-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
10	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEOTEXTILE
28	LF	18" DRAINAGE PIPE
24	LF	18" CS PIPE CULVERTS, 0.064" THICK
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
100	TON	INCIDENTAL STONE BASE
345	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
260	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
300	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX
4	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
32	LF	SHOULDER BERM GUTTER
112.5	LF	STEEL BM GUARDRAIL
37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
100	LF	GENERIC FENCING ITEM 4" VINYL FENCE RESET
45	TON	RIP RAP, CLASS I
40	TON	RIP RAP, CLASS II
40	TON	RIP RAP, CLASS B
1,685	SY	GEOTEXTILE FOR DRAINAGE
498	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
219	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
26	EA	DRUMS
144	LF	BARRICADES (TYPE III)
8	HR	FLAGGER
8,400	LF	PAINT PAVEMENT MARKING LINES (4")
20	LF	PAINT PAVEMENT MARKING LINES (24")
1,575	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
40	TON	STONE FOR EROSION CONTROL, CLASS B
345	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE

50	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
330	LF	1/4" HARDWARE CLOTH
150	SY	FLOATING TURBIDITY CURTAIN
12	EA	SPECIAL STILLING BASINS
10	LB	POLYACRYLAMIDE (PAM)
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
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+83.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+83.00-L-)
36	LF	3'-0" DIA DRILLED PIERS IN SOIL
50	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
39	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+83.00-L-)
66.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+83.00-L-)
22,956	LB	REINFORCING STEEL (BRIDGE)
2,825	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
280	LF	HP12X53 STEEL PILES
280.75	LF	VERTICAL CONCRETE BARRIER RAIL
411	TON	RIP RAP CLASS II (2'-0" THICK)
455	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,540	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

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

L140218 002

CONTRACT ID : C202573 40890.3.FD1

DIV OFFICE DURHAM

LENGTH = 0.296 MI

COUNTY : WAKE

GRADING, PAVING, DRAINAGE, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : MAY 14 2015

BRIDGE OVER BEAVER CREEK AND APPROACHES ON SR-1163.

ROADWAY ITEMS					
			2	EA	FLASHING ARROW BOARD
			33	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
			115	EA	DRUMS
			80	LF	BARRICADES (TYPE III)
			60	HR	FLAGGER
			23,730	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			23,585	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			105	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
			535	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			328	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			21	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			990	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
			225	LF	2" WATER LINE
			30	LF	12" WATER LINE
			1,120	LF	24" WATER LINE
			2	EA	8" VALVE
			2	EA	12" VALVE
			2	EA	24" VALVE
			2	EA	2" BLOW OFF
			1	EA	RELOCATE WATER METER
			186	LF	6" SANITARY GRAVITY SEWER
			351	LF	8" FORCE MAIN SEWER
			2	EA	SANITARY SEWER CLEAN-OUT
			2	EA	5' DIA UTILITY MANHOLE
			1,050	LF	ABANDON 12" UTILITY PIPE
			2	EA	REMOVE FIRE HYDRANT
			550	LF	*** ENCASEMENT PIPE (42")
			275	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
			275	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL
			8,985	LF	TEMPORARY SILT FENCE
			115	TON	STONE FOR EROSION CONTROL, CLASS A
			40	TON	STONE FOR EROSION CONTROL, CLASS B
			75	TON	SEDIMENT CONTROL STONE
			2	ACR	TEMPORARY MULCHING
			240	LB	SEED FOR TEMPORARY SEEDING
			1	TON	FERTILIZER FOR TEMPORARY SEEDING
			200	LF	TEMPORARY SLOPE DRAINS
			1,000	LF	SAFETY FENCE
			20	CY	SILT EXCAVATION
			4,750	SY	MATTING FOR EROSION CONTROL
			100	SY	COIR FIBER MAT
			1,100	SY	PERMANENT SOIL REINFORCEMENT MAT
			210	LF	1/4" HARDWARE CLOTH
			60	SY	FLOATING TURBIDITY CURTAIN
			1	EA	SPECIAL STILLING BASINS
			465	LF	COIR FIBER WATTLE
			100	LB	POLYACRYLAMIDE (PAM)
			2	ACR	SEEDING & MULCHING
			3	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			50	LB	SEED FOR SUPPLEMENTAL SEEDING
			1.25	TON	FERTILIZER TOPDRESSING
			175	LF	IMPERVIOUS DIKE
			10	MHR	SPECIALIZED HAND MOWING
			25	EA	RESPONSE FOR EROSION CONTROL
			0.3	ACR	REFORESTATION
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (18+75)			
	1	ACR			SUPPLEMENTARY CLEARING & GRUB-BING
	400	CY			UNDERCUT EXCAVATION
Lump Sum	LS	GRADING			
	31,200	CY			BORROW EXCAVATION
	580	CY			DRAINAGE DITCH EXCAVATION
	400	CY			SELECT GRANULAR MATERIAL
	400	SY			GEOTEXTILE FOR SOIL STABILIZATION
	84	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	285	SY			FOUNDATION CONDITIONING GEOTEXTILE
	56	LF			15" DRAINAGE PIPE
	128	LF			18" DRAINAGE PIPE
	328	LF			36" DRAINAGE PIPE
	64	LF			18" CS PIPE CULVERTS, 0.064" THICK
	2	EA			*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
	90	LF			PIPE REMOVAL
	98	TON			AGGREGATE BASE COURSE
	400	TON			INCIDENTAL STONE BASE
	5.68	SMI			SHOULDER RECONSTRUCTION
	2,600	SY			INCIDENTAL MILLING
	1,680	TON			ASPHALT CONC BASE COURSE, TYPE B25.0C
	950	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
	5,490	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C
	445	TON			ASPHALT BINDER FOR PLANT MIX
	24	EA			RIGHT OF WAY MARKERS
	22.4	CY			SUBDRAIN EXCAVATION
	16.8	CY			SUBDRAIN FINE AGGREGATE
	100	LF			6" PERFORATED SUBDRAIN PIPE
	1	EA			SUBDRAIN PIPE OUTLET
	6	LF			6" OUTLET PIPE
	7	EA			MASONRY DRAINAGE STRUCTURES
	48	LF			MASONRY DRAINAGE STRUCTURES
	1	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
	2	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	3	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	1	EA			FRAME WITH COVER, STD 840.54
	1,150	LF			2'-6" CONCRETE CURB & GUTTER
	673	SY			4" CONCRETE SIDEWALK
	4	EA			RETROFIT EXISTING CURB RAMP
	6	EA			CONCRETE CURB RAMP
	1,250	LF			STEEL BM GUARDRAIL
	10	EA			ADDITIONAL GUARDRAIL POSTS
	2	EA			GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
	2	EA			GUARDRAIL ANCHOR UNITS, TYPE B-77
	85	LF			GENERIC FENCING ITEM
					SPLIT RAIL FENCE RESET
	890	TON			RIP RAP, CLASS II
	482	TON			RIP RAP, CLASS B
	1,950	SY			GEOTEXTILE FOR DRAINAGE
	408	SF			WORK ZONE SIGNS (STATIONARY)
	144	SF			WORK ZONE SIGNS (PORTABLE)
	104	SF			WORK ZONE SIGNS (BARRICADE MOUNTED)

**WALL ITEMS**

135 SF SEGMENTAL GRAVITY RETAINING  
WALLS

**STRUCTURE ITEMS**

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+75.00-L-)
118	LF	3'-6" DIA DRILLED PIERS IN SOIL
81	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
109.4	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTIONS
3	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+75.00-L)
13,415	SF	REINFORCED CONCRETE DECK SLAB
11,271	SF	GROOVING BRIDGE FLOORS
197.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+75.00-L-)
45,636	LB	REINFORCING STEEL (BRIDGE)
7,045	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,298.91	LF	54" PRESTRESSED CONCRETE GIR- DERS
300	LF	HP12X53 STEEL PILES
320.19	LF	TWO BAR METAL RAIL
347.67	LF	CONCRETE BARRIER RAIL
327.69	LF	1'-**"X ***** CONCRETE PARA- PET (1'-3 1/2" X 3'-3 1/2")
1,275	TON	RIP RAP CLASS II (2'-0" THICK)
1,420	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS

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

L140218 003

CONTRACT ID : C203453 47051.3.3

DIV OFFICE DURHAM

LENGTH = 0.170 MI

COUNTY : GRANVILLE

BRIDGE REHABILITATION.

DBE GOAL 2.0% COMPLETION DATE : MAY 31 2015

BRIDGES #51, 52, 55, 56, 60, AND 61.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,380	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
233	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14	TON	ASPHALT BINDER FOR PLANT MIX
7,200	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
240	SF	WORK ZONE SIGNS (STATIONARY)
640	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
80	EA	DRUMS
40	HR	FLAGGER
2	EA	TMA
48	HR	LAW ENFORCEMENT
30	EA	SKINNY DRUM
3,690	LF	PAINT PAVEMENT MARKING LINES (6")
3,690	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (STANDARD GLASS BEADS)
10	EA	PERMANENT RAISED PAVEMENT MARKERS
69,805	SF	GROOVING BRIDGE FLOORS
65	SY	CLASS II, SURFACE PREPARATION
482.3	CY	LATEX MODIFIED CONC OVERLAY
8,680	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
34	CF	CONCRETE REPAIRS
486.6	CF	SHOTCRETE REPAIRS
147.8	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
6.8	CY	GENERIC STRUCTURE ITEM CLASS A CONCRETE (BRIDGE)
608	LB	GENERIC STRUCTURE ITEM EPOXY COATED REINFORCING STEEL (BRIDGE)
952	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
3,188	SF	GENERIC STRUCTURE ITEM EPOXY COATING
8,680	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
8,680	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 004

CONTRACT ID : C203348 38380.3.FD1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.060 MI

COUNTY : COLUMBUS

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #85 OVER TOM'S FORK CREEK ON SR-1119.

ROADWAY ITEMS

Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+66.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
400	CY	UNDERCUT EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	GEOTEXTILE FOR SOIL STABILIZATION
130	SY	ROCK PLATING
2	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
5	SY	FOUNDATION CONDITIONING GEOTEXTILE
12	LF	15" DRAINAGE PIPE
20	TON	INCIDENTAL STONE BASE
115	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
170	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
20	TON	ASPHALT BINDER FOR PLANT MIX
23	CY	SUBDRAIN EXCAVATION
100	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
17	CY	SUBDRAIN COARSE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
20	LF	SHOULDER BERM GUTTER
50	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	TON	RIP RAP, CLASS B
495	SY	GEOTEXTILE FOR DRAINAGE
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
322	SF	WORK ZONE SIGNS (STATIONARY)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
2,520	LF	PAINT PAVEMENT MARKING LINES (4")
660	LF	TEMPORARY SILT FENCE
125	TON	STONE FOR EROSION CONTROL, CLASS A
15	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
30	LF	TEMPORARY SLOPE DRAINS
700	LF	SAFETY FENCE
20	CY	SILT EXCAVATION
450	SY	MATTING FOR EROSION CONTROL
200	SY	COIR FIBER MAT
100	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
200	SY	FLOATING TURBIDITY CURTAIN
2	EA	SPECIAL STILLING BASINS
15	LF	WATTLE
25	LF	COIR FIBER WATTLE
5	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

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+66.00 -L-)
1	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+66.00 -L-)
39	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+66.00 -L-)
6,400	LB	REINFORCING STEEL (BRIDGE)
700	LF	HP12X53 STEEL PILES
440	LF	HP14X73 GALVANIZED STEEL PILES
8	EA	STEEL PILE POINTS
12	EA	PILE REDRIVES
175.25	LF	VERTICAL CONCRETE BARRIER RAIL
41	TON	RIP RAP, CLASS B
164	TON	RIP RAP CLASS II (2'-0" THICK)
185	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
963.88	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 005

CONTRACT ID : C203354 42291.3.FD1

DIV OFFICE ABERDEEN

LENGTH = 0.085 MI

COUNTY : HOKE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : MAR 02 2015

BRIDGE #37 OVER RAFT SWAMP ON SR-1436.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+85.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
30	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
120	SY	FOUNDATION CONDITIONING GEO- TEXTILE
72	LF	15" DRAINAGE PIPE
160	SY	INCIDENTAL MILLING
220	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
160	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
21	TON	ASPHALT BINDER FOR PLANT MIX
8	EA	RIGHT OF WAY MARKERS
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
51	LF	SHOULDER BERM GUTTER
25	LF	STEEL BM GUARDRAIL
3	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	TON	RIP RAP, CLASS B
620	SY	GEOTEXTILE FOR DRAINAGE
71	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
6	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
344	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
8,552	LF	PAINT PAVEMENT MARKING LINES (4")
675	LF	6" WATER LINE
2	EA	6" VALVE
535	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
60	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
1,025	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
5	TON	STONE FOR EROSION CONTROL, CLASS B
90	TON	SEDIMENT CONTROL STONE
0.4	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
450	LF	SAFETY FENCE
50	CY	SILT EXCAVATION
1,000	SY	MATTING FOR EROSION CONTROL
135	SY	COIR FIBER MAT
210	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
200	LF	COIR FIBER WATTLE BARRIER
0.4	ACR	SEEDING & MULCHING
0.2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING

0.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+85.00-L-)
1	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (13+85.00-L-)
50.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+85.00-L-)
8,578	LB	REINFORCING STEEL (BRIDGE)
875	LF	HP12X53 STEEL PILES
1,120	LF	HP14X73 GALVANIZED STEEL PILES
240.5	LF	VERTICAL CONCRETE BARRIER RAIL
135	TON	RIP RAP CLASS II (2'-0" THICK)
150	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,320	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 006

CONTRACT ID : C203355 42296.3.FD1

DIV OFFICE ALBEMARLE

LENGTH = 0.095 MI

COUNTY : STANLY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : MAY 05 2015

BRIDGE #215 OVER LITTLE MOUNTAIN CREEK ON SR-1542.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+11.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
400	CY	UNDERCUT EXCAVATION
250	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
350	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
25	SY	FOUNDATION CONDITIONING GEOTEXTILE
72	LF	15" DRAINAGE PIPE
50	CY	SHALLOW UNDERCUT
100	TON	CLASS IV SUBGRADE STABILIZATION
50	TON	INCIDENTAL STONE BASE
400	SY	INCIDENTAL MILLING
183	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
130	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
305	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
35	TON	ASPHALT BINDER FOR PLANT MIX
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
80	LF	SHOULDER BERM GUTTER
100	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
9	TON	RIP RAP, CLASS II
98	TON	RIP RAP, CLASS B
950	SY	GEOTEXTILE FOR DRAINAGE
418	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	DRUMS
15	EA	CONES
64	LF	BARRICADES (TYPE III)
80	HR	FLAGGER
1,200	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
60	TON	STONE FOR EROSION CONTROL, CLASS B
95	TON	SEDIMENT CONTROL STONE
0.85	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
225	SY	COIR FIBER MAT
200	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
10	LB	POLYACRYLAMIDE (PAM)
55	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
0.85	ACR	SEEDING & MULCHING
0.42	ACR	MOWING

50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+14.00-L-)
65	LF	PILE EXCAVATION IN SOIL
70	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+14.00-L-)
60.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+14.00-L-)
8,354	LB	REINFORCING STEEL (BRIDGE)
175	LF	HP12X53 STEEL PILES
143.65	LF	TWO BAR METAL RAIL
160	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 3'-0")
365	TON	RIP RAP CLASS II (2'-0" THICK)
405	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
960	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140218 007

CONTRACT ID : C203507 10CR.10841.40

DIV OFFICE ALBEMARLE

LENGTH = 11.980 MI

COUNTY : STANLY

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 30 2015

NC-24/27 FROM US-52 TO SR-1960, NC-138 FROM NC-727 TO SR-1970, AND 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
860	CY	BORROW EXCAVATION
721	TON	INCIDENTAL STONE BASE
19.14	SMI	SHOULDER RECONSTRUCTION
58,319	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
520	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
970	SY	INCIDENTAL MILLING
14,527	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
5,744	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,256	TON	ASPHALT BINDER FOR PLANT MIX
1,680	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF MANHOLES
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,294	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
120	HR	LAW ENFORCEMENT
25,399	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
31,364	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
280	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
485	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
29	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
68	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
960	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
210	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
310,353	LF	PAINT PAVEMENT MARKING LINES (4")
240	LF	PAINT PAVEMENT MARKING LINES (12")
285	LF	PAINT PAVEMENT MARKING LINES (24")
1,165	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
578	EA	PERMANENT RAISED PAVEMENT MARKERS
1,000	LF	TEMPORARY SILT FENCE
2,320	LF	WATTLE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 008

CONTRACT ID : C203349 38476.3.FD1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.093 MI

COUNTY : ALLEGHANY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : APR 30 2015

BRIDGE #15 OVER ELK CREEK ON SR-1341.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (12+00 -L-)
200	CY	UNDERCUT EXCAVATION
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS	GRADING
1,400	CY	BORROW EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
30	SY	FOUNDATION CONDITIONING GEOTEXTILE
44	LF	15" SIDE DRAIN PIPE
40	LF	15" RC PIPE CULVERTS, CLASS IV
21	LF	PIPE REMOVAL
95	CY	SHALLOW UNDERCUT
50	TON	CLASS IV SUBGRADE STABILIZATION
50	TON	INCIDENTAL STONE BASE
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
120	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
17	TON	ASPHALT BINDER FOR PLANT MIX
30	CY	SUBDRAIN EXCAVATION
20	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
20	LF	SHOULDER BERM GUTTER
300	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
32	TON	RIP RAP, CLASS B
1,355	SY	GEOTEXTILE FOR DRAINAGE
369	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
3,904	LF	PAINT PAVEMENT MARKING LINES (4")
1,250	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
50	TON	STONE FOR EROSION CONTROL, CLASS B
305	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
75	SY	COIR FIBER MAT
100	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
50	LF	WATTLE
30	LF	COIR FIBER WATTLE
15	LB	POLYACRYLAMIDE (PAM)
50	LF	COIR FIBER BAFFLE

1	EA	*** SKIMMER (1-1/2")
1	ACR	SEEDING & MULCHING
0.4	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
25	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STATION ***** (11+97.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+97.50-L-)
32.1	LF	3'-0" DIA DRILLED PIERS IN SOIL
51	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
29	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
6	EA	SID INSPECTIONS
6	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (11+97.50-L-)
3,884	SF	REINFORCED CONCRETE DECK SLAB
3,517	SF	GROOVING BRIDGE FLOORS
100.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+97.50-L-)
22,609	LB	REINFORCING STEEL (BRIDGE)
2,477	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
520.5	LF	36" PRESTRESSED CONCRETE GIRDERS
175	LF	HP12X53 STEEL PILES
265.74	LF	CONCRETE BARRIER RAIL
456	TON	RIP RAP CLASS II (2'-0" THICK)
507	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS

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

L140218 009

CONTRACT ID : C203357 41188.3.FS1

DIV OFFICE SHELBY

LENGTH = 2.244 MI

COUNTY : GASTON

WEIGH STATION, GRADING, DRAINAGE, PAVING, LIGHTING &amp; CULVERT

DBE GOAL 12.0% COMPLETION DATE : OCT 15 2017

I-85 NBL WEIGH STATION FROM SR-1302 (CROWDERS MOUNTAIN RD) TO SR-1307 (EDGEWOOD RD).

ROADWAY ITEMS					
			822	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
			8,970	GAL	ASPHALT CURING SEAL
Lump Sum	LS	MOBILIZATION	500	TON	INCIDENTAL STONE BASE
Lump Sum	LS	CONSTRUCTION SURVEYING	800	SY	INCIDENTAL MILLING
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM	5,910	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
		INSPECTIONS BUILDING: COMPLETE GENERAL CONSTRUCTION & ALL SYSTEMS AS INDICATED	12,190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM	5,760	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D
		SCALE BUILDING & SCALE BOOTH: COMPLETE GEN. CONST. & ALL SYSTEMS AS INDICATED	9,310	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	2,480	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1,225	TON	ASPHALT BINDER FOR PLANT MIX
			535	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
210,900	CY	UNCLASSIFIED EXCAVATION	300	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
3,500	CY	UNDERCUT EXCAVATION	24,000	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
225,000	CY	BORROW EXCAVATION	41,250	SY	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (11'-1/2")
1,840	CY	DRAINAGE DITCH EXCAVATION	11,000	SY	GENERIC PAVING ITEM NONWOVEN GEOTEXTILE INTERLAYER
15,330	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT
15	HR	PROOF ROLLING	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
3,500	CY	SELECT GRANULAR MATERIAL	13	EA	RIGHT OF WAY MARKERS
8,900	SY	GEOTEXTILE FOR SOIL STABILIZATION	168	CY	SUBDRAIN EXCAVATION
8,500	SY	ROCK PLATING	168	CY	SUBDRAIN FINE AGGREGATE
628	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1,000	LF	6" PERFORATED SUBDRAIN PIPE
2,080	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	SUBDRAIN PIPE OUTLET
116	LF	**** RC PIPE CULVERTS, CLASS ***** (12", V)	12	LF	6" OUTLET PIPE
272	LF	**** RC PIPE CULVERTS, CLASS ***** (36", V)	5,000	LF	SHOULDER DRAIN
488	LF	12" RC PIPE CULVERTS, CLASS III	5,000	LF	4" SHOULDER DRAIN PIPE
3,368	LF	15" RC PIPE CULVERTS, CLASS III	260	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
240	LF	18" RC PIPE CULVERTS, CLASS III	6	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
396	LF	24" RC PIPE CULVERTS, CLASS III	15	TON	BLOTTING SAND
8	LF	30" RC PIPE CULVERTS, CLASS III	7	CY	ENDWALLS
20	LF	36" RC PIPE CULVERTS, CLASS III	6	CY	PIPE COLLARS
4	LF	42" RC PIPE CULVERTS, CLASS III	1	CY	PIPE PLUGS
24	LF	72" RC PIPE CULVERTS, CLASS III	68	EA	MASONRY DRAINAGE STRUCTURES
120	LF	24" RC PIPE CULVERTS, CLASS IV	11.8	CY	MASONRY DRAINAGE STRUCTURES
32	LF	30" RC PIPE CULVERTS, CLASS IV	42	LF	MASONRY DRAINAGE STRUCTURES
56	LF	*** CAA PIPE CULVERTS, ***** THICK (4", 0.064")	9	EA	FRAME WITH TWO GRATES, STD 840.20
90	LF	15" CS PIPE CULVERTS, 0.064" THICK	21	EA	FRAME WITH TWO GRATES, STD 840.22
520	LF	18" CS PIPE CULVERTS, 0.064" THICK	2	EA	FRAME WITH TWO GRATES, STD 840.24
253	LF	GENERIC PIPE ITEM NCDOT APPROVED PIPE LINER	9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
295	LF	PIPE REMOVAL	5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
Lump Sum	LS	FINE GRADING	9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
29,870	SY	LIME TREATED SOIL (SLURRY METHOD)	3	EA	FRAME WITH COVER, STD 840.54
300	TON	LIME FOR LIME TREATED SOIL	2	EA	*** SLUICE GATE (18")
1,500	CY	SHALLOW UNDERCUT	1	EA	*** SLUICE GATE (24")
3,000	TON	CLASS IV SUBGRADE STABILIZATION	1	EA	*** SLUICE GATE (36")
500	TON	STABILIZER AGGREGATE	1	EA	GENERIC DRAINAGE ITEM OIL / WATER SEPARATOR
4,000	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION	860	LF	***X*** CONCRETE CURB (9" X 18")
394	TON	AGGREGATE BASE COURSE	1,790	LF	1'-6" CONCRETE CURB & GUTTER
29,870	SY	SOIL CEMENT BASE	5,310	LF	2'-6" CONCRETE CURB & GUTTER
			230	SY	4" CONCRETE SIDEWALK
			250	SY	4" CONCRETE ISLAND COVER

			40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			3	EA	FLASHING ARROW BOARD
			2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
80	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
1,963	LF	GENERIC PAVING ITEM SPECIAL SHOULDER BERM GUTTER	400	EA	DRUMS
			215	EA	CONES
1	EA	CONVERT EXISTING TRAFFIC BEARING DROP INLET TO TRAFFIC BEARING JUNCTION BOX	32	LF	BARRICADES (TYPE III)
			3	EA	TEMPORARY CRASH CUSHIONS
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350	3	EA	TMA
8,550	LF	STEEL BM GUARDRAIL	10,000	LF	PORTABLE CONCRETE BARRIER
750	LF	STEEL BM GUARDRAIL, SHOP CURVED	150	HR	LAW ENFORCEMENT
			650	EA	TEMPORARY RAISED PAVEMENT MARKERS
15	EA	ADDITIONAL GUARDRAIL POSTS	660	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)	23,823	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
12	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	6,991	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	3,107	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	1,081	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
5,400	LF	REMOVE EXISTING GUARDRAIL	9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
10,270	LF	WOVEN WIRE FENCE, 47" FABRIC	8,533	LF	PAINT PAVEMENT MARKING LINES (4")
649	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	107,600	LF	PAINT PAVEMENT MARKING LINES (6")
155	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	1,020	LF	PAINT PAVEMENT MARKING LINES (8")
1,600	TON	RIP RAP, CLASS 1	72	LF	PAINT PAVEMENT MARKING LINES (12")
3,030	SY	GEOTEXTILE FOR DRAINAGE	2	EA	PAINT PAVEMENT MARKING SYMBOL
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	53,000	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
8	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	478	EA	SNOWFLOWABLE PAVEMENT MARKERS
2	CY	PLAIN CONCRETE SIGN FOUNDATIONS	3	EA	100' HIGH MOUNT STANDARD
84	CY	OVERHEAD FOOTING	1	EA	PORTABLE DRIVE UNIT
7,812	LB	SUPPORTS, BREAKAWAY STEEL BEAM	12	EA	STANDARD FOUNDATION ***** (R1)
1,207	LB	SUPPORTS, SIMPLE STEEL BEAM	3	EA	STANDARD FOUNDATION ***** (R2)
1,034	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	165	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
2	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	245	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (107+50 -L-)	325	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (6")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (119+44 -L-)	770	LF	** #2 W/G FEEDER CIRCUIT (4)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (135+90 -L-)	1,275	LF	***** FEEDER CIRCUIT (4 - #1 W/G )
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (182+30 -L-)	1,335	LF	***** FEEDER CIRCUIT (4 - #2/0 W/G )
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (AT 74 WEST EXIT)	8,210	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (4, 2)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (NORTH OF 74 EAST EXIT)	6,825	LF	** #1 W/G FEEDER CIRCUIT IN ***** CONDUIT (4, 2)
22	EA	SIGN ERECTION, TYPE D	3,215	LF	***** FEEDER CIRCUIT IN ** CONDUIT (4 - #2/0 W/G, 3")
21	EA	SIGN ERECTION, TYPE E			
2	EA	SIGN ERECTION, TYPE F	13	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)
2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	9	EA	ELECTRICAL JUNCTION BOXES ***** (PC36)
2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)	Lump Sum	LS	GENERIC LIGHTING ITEM RAMP B PIT ELECTRICAL WORK
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	Lump Sum	LS	GENERIC LIGHTING ITEM RAMP B STATIC SCALE PLATFORM
7	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	Lump Sum	LS	GENERIC LIGHTING ITEM RAMP B STATIC SCALE SYSTEM
2	EA	SIGN ERECTION, MILEMARKERS	Lump Sum	LS	GENERIC LIGHTING ITEM RAMP C PIT ELECTRICAL WORK
2	EA	SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (B)	Lump Sum	LS	GENERIC LIGHTING ITEM RAMP C STATIC SCALE PLATFORM
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	Lump Sum	LS	GENERIC LIGHTING ITEM RAMP C STATIC SCALE SYSTEM
3	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD	21	CY	GENERIC LIGHTING ITEM HIGH MOUNT FOUNDATIONS
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	8	EA	GENERIC LIGHTING ITEM 1 POLE, 120VAC EQUIPMENT DISCONNECT
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	GENERIC LIGHTING ITEM 15KVA POWER TRANSFORMER
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD			
4	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)			
683	SF	WORK ZONE SIGNS (STATIONARY)			
636	SF	WORK ZONE SIGNS (PORTABLE)			

				3	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY (FIXED MOUNT)
1	EA	GENERIC LIGHTING ITEM 2 POLE, 240VAC EQUIPMENT DIS- CONNECT		5	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
18	EA	GENERIC LIGHTING ITEM HIGH MOUNT LUMINAIRE - LED		4	EA	GENERIC SIGNAL ITEM COMPUTER WORKSTATION (INSTALL)
1	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, TYPE WS, 120/208V		8	EA	GENERIC SIGNAL ITEM DIGITAL HARDWARE VIDEO ENCODER
15	EA	GENERIC LIGHTING ITEM LIGHT STANDARD, TYPE MLTS, 35' MH, 6SA		1	EA	GENERIC SIGNAL ITEM DMS PEDESTAL TYPE STRUCTURE
15	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMI- NAIRE-LED		3	EA	GENERIC SIGNAL ITEM ENCLOSED COMMUNICATIONS RACK
554	LF	18" SANITARY GRAVITY SEWER		3	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET FOUNDATION
2	EA	4' DIA UTILITY MANHOLE		13	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
570	LF	ABANDON 18" UTILITY PIPE		27	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)
3	EA	ABANDON UTILITY MANHOLE		4	EA	GENERIC SIGNAL ITEM LANE CONTROL SIGNAL
390	LF	36" ENCASEMENT PIPE		1	EA	GENERIC SIGNAL ITEM MANAGED ETHERNET SWITCH
160	LF	TRENCHLESS INSTALLATION OF 36" IN SOIL		5	EA	GENERIC SIGNAL ITEM METAL POLE WITH HINGED MAST ARM
160	LF	TRENCHLESS INSTALLATION OF 36" NOT IN SOIL		5	EA	GENERIC SIGNAL ITEM METAL POLE WITH HINGED MAST ARM DESIGN
1,200	LF	TEMPORARY SILT FENCE		2	EA	GENERIC SIGNAL ITEM METAL POLE WITH MONOTUBE GANTRY STRUCTURE
770	TON	STONE FOR EROSION CONTROL, CLASS A		2	EA	GENERIC SIGNAL ITEM METAL POLE WITH MONOTUBE GANTRY STRUCTURE DESIGN
4,400	TON	STONE FOR EROSION CONTROL, CLASS B		1	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE (OVER- HEAD)
2,935	TON	SEDIMENT CONTROL STONE		1	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE (UNDER- GROUND)
58	ACR	TEMPORARY MULCHING		2	EA	GENERIC SIGNAL ITEM OVER-HEIGHT VEHICLE DETECTION SYSTEM
3,500	LB	SEED FOR TEMPORARY SEEDING		12	EA	GENERIC SIGNAL ITEM PATCH PANEL (ETHERNET)
18.5	TON	FERTILIZER FOR TEMPORARY SEED- ING		6	EA	GENERIC SIGNAL ITEM PIEZOELECTRIC AXLE SENSOR
3,500	LF	TEMPORARY SLOPE DRAINS		6	EA	GENERIC SIGNAL ITEM PIEZOELECTRIC QUARTZ SENSOR SET
1,500	LF	SAFETY FENCE		5	EA	GENERIC SIGNAL ITEM POLE MOUNTED EQUIPMENT CABINET
16,200	CY	SILT EXCAVATION		1	EA	GENERIC SIGNAL ITEM PRINTER (INSTALL)
52,000	SY	MATTING FOR EROSION CONTROL		2	EA	GENERIC SIGNAL ITEM SERVER (INSTALL)
650	SY	COIR FIBER MAT		4	EA	GENERIC SIGNAL ITEM SERVICE DISCONNECT
3,500	LF	1/4" HARDWARE CLOTH		1	EA	GENERIC SIGNAL ITEM SPLICE CENTER (36-FIBER)
4	EA	SPECIAL STILLING BASINS		3	EA	GENERIC SIGNAL ITEM STEEL PEDESTAL POLE
3,400	LF	WATTLE		6	EA	GENERIC SIGNAL ITEM UPS
1,875	LB	POLYACRYLAMIDE (PAM)		6	EA	GENERIC SIGNAL ITEM VEHICLE SIGNAL HEAD (12" 2-SECTION, RED-GREEN)
4,200	LF	COIR FIBER BAFFLE		1	EA	GENERIC SIGNAL ITEM WALL-MOUNTED COMMUNICATIONS RACK
14	EA	*** SKIMMER (1-1/2")		Lump Sum	LS	GENERIC SIGNAL ITEM ADVANCE LOCATION WIM ELECTRON- ICS
4	EA	*** SKIMMER (2")		Lump Sum	LS	GENERIC SIGNAL ITEM ALPR SYSTEM
60	ACR	SEEDING & MULCHING		Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SOFTWARE
20	ACR	MOWING		Lump Sum	LS	GENERIC SIGNAL ITEM CENTRAL CONTROL SOFTWARE
600	LB	SEED FOR REPAIR SEEDING		Lump Sum	LS	GENERIC SIGNAL ITEM COMPLIANCE LOCATION WIM ELEC- TRONICS
2	TON	FERTILIZER FOR REPAIR SEEDING		Lump Sum	LS	GENERIC SIGNAL ITEM DMS
1,425	LB	SEED FOR SUPPLEMENTAL SEEDING		Lump Sum	LS	GENERIC SIGNAL ITEM NETWORK MANAGEMENT SOFTWARE
42.75	TON	FERTILIZER TOPDRESSING		Lump Sum	LS	GENERIC SIGNAL ITEM OPEN/CLOSED DMS PANEL
270	LF	IMPERVIOUS DIKE		Lump Sum	LS	GENERIC SIGNAL ITEM SCALE HOUSE WIM ELECTRONICS
70	MHR	SPECIALIZED HAND MOWING		Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM WARRANTY
100	EA	RESPONSE FOR EROSION CONTROL		Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
260	LF	SIGNAL CABLE		1,819	LF	GENERIC SIGNAL ITEM DROP CABLE (6 FIBER)
7,955	LF	TRACER WIRE				
115	LF	DIRECTIONAL DRILL (***** (1, 2")				
620	LF	DIRECTIONAL DRILL (***** (2, 2")				
45	LF	DIRECTIONAL DRILL (***** (4, 2")				
8	EA	JUNCTION BOX (***** (SPECIAL-SIZED)				
32	EA	JUNCTION BOX (STANDARD SIZE)				
1	EA	WOOD POLE				
6	EA	2" RISER WITH WEATHERHEAD				
458	LF	INDUCTIVE LOOP SAWCUT				
8,200	LF	COMMUNICATIONS CABLE (**FIBER) (36)				
8	EA	SPLICE ENCLOSURE				
12	EA	INTERCONNECT CENTER				
16	EA	DELINEATOR MARKER				
9	EA	SOIL TEST				
45	CY	DRILLED PIER FOUNDATION				
3	EA	CABINET BASE EXTENDER				
26	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE				
6	EA	GENERIC SIGNAL ITEM AVI ANTENNA				
6	EA	GENERIC SIGNAL ITEM AVI READER				
3	EA	GENERIC SIGNAL ITEM BASE MOUNTED EQUIPMENT CABINET				
5	EA	GENERIC SIGNAL ITEM CCTV CABINET				
5	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY				



955	LF	GENERIC SIGNAL ITEM ETHERNET CABLE
2,536	LF	GENERIC SIGNAL ITEM FOUR-WIRE COPPER FEEDER CON- DUCTORS
228	LF	GENERIC SIGNAL ITEM LEAD-IN CABLE
559	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 2")
5,649	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (2, 2")
1,917	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (3, 2")
85	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (4, 2")
8	CY	GENERIC SIGNAL ITEM DMS OVERHEAD FOOTINGS
509	CY	GENERIC STRUCTURE ITEM CLASS AA CONCRETE (WEIGH BRIDGE - STATIC SCALE)
35,037	LB	GENERIC STRUCTURE ITEM EPOXY COATED REINFORCING STEEL (WEIGH BRIDGE - STATIC SCALE)
37,175	LB	GENERIC STRUCTURE ITEM REINFORCING STEEL (WEIGH BRIDGE - STATIC SCALE)
6,422	SF	GENERIC STRUCTURE ITEM GROOVING CONCRETE SLABS

### CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (153+40.68 -L-)
170	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
224.6	CY	CLASS A CONCRETE (CULVERT)
29,302	LB	REINFORCING STEEL (CULVERT)
12,500	LB	GENERIC STRUCTURE ITEM POLYURETHANE GROUT INJECTION

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 010

CONTRACT ID : C203353 42248.3.FD1

DIV OFFICE SHELBY

LENGTH = 0.095 MI

COUNTY : ALEXANDER

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : FEB 11 2015

BRIDGE #129 OVER BIG BRANCH CREEK ON SR-1626.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
100	CY	UNDERCUT EXCAVATION
65	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
90	SY	FOUNDATION CONDITIONING GEOTEXTILE
145	CY	SHALLOW UNDERCUT
125	TON	CLASS IV SUBGRADE STABILIZATION
50	TON	INCIDENTAL STONE BASE
300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
160	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
24	TON	ASPHALT BINDER FOR PLANT MIX
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
375	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
50	LF	ADDITIONAL BARBED WIRE
1,225	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
1,150	LF	GENERIC FENCING ITEM TEMPORARY 4 STRAND BW FENCE W/ POSTS
27	TON	RIP RAP, CLASS II
375	SY	GEOTEXTILE FOR DRAINAGE
43	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SIGN ERECTION, TYPE E
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
397	SF	WORK ZONE SIGNS (STATIONARY)
82	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
4,000	LF	PAINT PAVEMENT MARKING LINES (4")
502	LF	6" WATER LINE
2	EA	6" VALVE
30	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
30	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
1,800	LF	TEMPORARY SILT FENCE
125	TON	STONE FOR EROSION CONTROL, CLASS A
40	TON	STONE FOR EROSION CONTROL, CLASS B
80	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
100	LF	TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
60	CY	SILT EXCAVATION
1,500	SY	MATTING FOR EROSION CONTROL
200	SY	COIR FIBER MAT
350	LF	1/4" HARDWARE CLOTH
60	CY	STILLING BASINS
200	LF	COIR FIBER BAFFLE

1.5	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
0.75	TON	FERTILIZER TOPDRESSING
220	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
20	EA	RESPONSE FOR EROSION CONTROL

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+44.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (13+44.00-L-)
105	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
165.8	CY	CLASS A CONCRETE (CULVERT)
19,031	LB	REINFORCING STEEL (CULVERT)
Lump Sum	LS	GENERIC CULVERT ITEM PLACEMENT OF NATURAL STREAM BED MATERIAL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 011

CONTRACT ID : C203356 42323.3.FD1

DIV OFFICE SHELBY

LENGTH = 0.133 MI

COUNTY : LINCOLN

GRADING, DRAINAGE, PAVING AND CULVERT.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #37 OVER HOYLE CREEK ON SR-1314.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	18	EA	RESPONSE FOR EROSION CONTROL
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
150	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
3,300	CY	BORROW EXCAVATION			
140	CY	DRAINAGE DITCH EXCAVATION			
350	SY	GEOTEXTILE FOR SOIL STABILIZATION			
116	LF	18" CS PIPE CULVERTS, 0.064" THICK			
25	LF	PIPE REMOVAL			
100	CY	SHALLOW UNDERCUT			
200	TON	CLASS IV SUBGRADE STABILIZATION			
420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
220	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
35	TON	ASPHALT BINDER FOR PLANT MIX			
220	LF	WOVEN WIRE FENCE, **" FABRIC (48")			
9	EA	4" TIMBER FENCE POSTS, ***** LONG (7'-7")			
14	EA	5" TIMBER FENCE POSTS, ***** LONG (8'-1")			
1	EA	GENERIC FENCING ITEM RESET EXISTING GATE			
240	TON	RIP RAP, CLASS II			
100	TON	RIP RAP, CLASS B			
985	SY	GEOTEXTILE FOR DRAINAGE			
443	SF	WORK ZONE SIGNS (STATIONARY)			
117	SF	WORK ZONE SIGNS (PORTABLE)			
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
42	EA	DRUMS			
96	LF	BARRICADES (TYPE III)			
16	HR	FLAGGER			
5,600	LF	PAINT PAVEMENT MARKING LINES (4")			
2,500	LF	TEMPORARY SILT FENCE			
180	TON	STONE FOR EROSION CONTROL, CLASS A			
210	TON	STONE FOR EROSION CONTROL, CLASS B			
220	TON	SEDIMENT CONTROL STONE			
2	ACR	TEMPORARY MULCHING			
100	LB	SEED FOR TEMPORARY SEEDING			
2.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
325	LF	TEMPORARY SLOPE DRAINS			
100	LF	SAFETY FENCE			
400	CY	SILT EXCAVATION			
3,200	SY	MATTING FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
100	SY	PERMANENT SOIL REINFORCEMENT MAT			
300	LF	1/4" HARDWARE CLOTH			
4	EA	SPECIAL STILLING BASINS			
50	LF	WATTLE			
50	LB	POLYACRYLAMIDE (PAM)			
160	LF	COIR FIBER BAFFLE			
3	EA	**" SKIMMER (1-1/2")			
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			
1.5	TON	FERTILIZER TOPDRESSING			
300	LF	IMPERVIOUS DIKE			
10	MHR	SPECIALIZED HAND MOWING			

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+34.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+34.00-L-)
131.4	CY	CLASS A CONCRETE (CULVERT)
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINF CONC THREE-SIDED CULVERT @ STA 14+34.00 -L-

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

L140218 012

CONTRACT ID : C203384 45828.3.FS1

DIV OFFICE SHELBY

LENGTH = 7.200 MI

COUNTY : IREDELL

PAVEMENT REHABILITATION.

DBE GOAL 15.0% COMPLETION DATE : OCT 31 2015

I-77 FROM EXIT 45 TO EXIT 54.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,333	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
4,000	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT SLABS
4,000	SY	GEOTEXTILE FOR SOIL STABILIZATION
2,670	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
2,835	TON	AGGREGATE BASE COURSE
15.54	SMI	SHOULDER RECONSTRUCTION
22,510	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
228,910	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5/8")
1,700	SY	INCIDENTAL MILLING
5,790	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1,880	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
34,680	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
370	TON	ASPHALT BINDER FOR PLANT MIX
2,460	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
2,000	TON	PATCHING EXISTING PAVEMENT
9,210	TON	ULTRA-THIN BONDED WEARING COURSE
262,858	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
152,064	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
105,447	LF	STEEL BM GUARDRAIL
200	EA	ADDITIONAL GUARDRAIL POSTS
52	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
55	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
105,447	LF	REMOVE EXISTING GUARDRAIL
432	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
144	HR	LAW ENFORCEMENT
18	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
413,828	LF	PAINT PAVEMENT MARKING LINES (6")
17,100	LF	PAINT PAVEMENT MARKING LINES (12")
206,914	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
8,550	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,425	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
1,000	LF	TEMPORARY SILT FENCE
1,000	LF	WATTLE
1.7	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 013

CONTRACT ID : C203351 40165.3.FD1

DIV OFFICE ASHEVILLE

LENGTH = 0.052 MI

COUNTY : MADISON

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : NOV 11 2015

BRIDGE #138 OVER BIG PINE CREEK ON SR-1151.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (13+01.34-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
100	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	GEOTEXTILE FOR SOIL STABILIZATION
101	SF	TEMPORARY SHORING
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
60	SY	FOUNDATION CONDITIONING GEOTEXTILE
36	LF	15" RC PIPE CULVERTS, CLASS III
116	LF	18" RC PIPE CULVERTS, CLASS III
28	LF	18" CS PIPE CULVERTS, 0.064" THICK
70	LF	PIPE REMOVAL
100	CY	SHALLOW UNDERCUT
125	TON	CLASS IV SUBGRADE STABILIZATION
100	TON	INCIDENTAL STONE BASE
310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
160	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX
12	EA	RIGHT OF WAY MARKERS
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
4	EA	MASONRY DRAINAGE STRUCTURES
2.3	LF	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
41	LF	SHOULDER BERM GUTTER
50	LF	STEEL BM GUARDRAIL
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
10	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
175	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
950	SY	GEOTEXTILE FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
164	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
22	EA	DRUMS
16	EA	CONES
64	LF	BARRICADES (TYPE III)
1,280	HR	FLAGGER

16	EA	SKINNY DRUM
304	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
18	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)
8,542	LF	PAINT PAVEMENT MARKING LINES (4")
640	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,150	LF	TEMPORARY SILT FENCE
270	TON	STONE FOR EROSION CONTROL, CLASS A
165	TON	STONE FOR EROSION CONTROL, CLASS B
230	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
300	CY	SILT EXCAVATION
2,500	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
75	SY	PERMANENT SOIL REINFORCEMENT MAT
275	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
125	LF	WATTLE
60	LB	POLYACRYLAMIDE (PAM)
50	LF	COIR FIBER BAFFLE
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
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

\*\*\*\*\* BEGIN SCHEDULE CA \*\*\*\*\*  
 \*\*\*\*\* ( 2 ALTERNATES ) \*\*\*\*\*

1	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM
		*** OR ***
340	DAY	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM

\*\*\* END SCHEDULE CA \*\*\*

WALL ITEMS

345	SF	SOLDIER PILE RETAINING WALLS
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STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (13+01.30-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+01.30-L-)
95	CY	FOUNDATION EXCAVATION
37	LF	PILE EXCAVATION IN SOIL
13	LF	PILE EXCAVATION NOT IN SOIL
4.5	LF	3'-0" DIA DRILLED PIERS IN SOIL

16	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
2	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+01.30-L-)
75.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+01.30-L-)
11,617	LB	REINFORCING STEEL (BRIDGE)
893	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
65	LF	HP12X53 STEEL PILES
123.67	LF	TWO BAR METAL RAIL
150	TON	RIP RAP CLASS II (2'-0" THICK)
170	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
700	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140218 014

CONTRACT ID : C203506

13CR.10111.15

DIV OFFICE ASHEVILLE

LENGTH = 24.200 MI

COUNTY : BUNCOMBE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : OCT 15 2014

2 SECTIONS OF US-70, 1 SECTION OF US-25, AND NC-81/US-74A, AND 7 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
897	TON	INCIDENTAL STONE BASE
34.72	SMI	SHOULDER RECONSTRUCTION
21,916	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
78,633	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
24,163	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
15,837	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,511	TON	ASPHALT BINDER FOR PLANT MIX
6,375	TON	PATCHING EXISTING PAVEMENT
150	EA	CONCRETE CURB RAMP
1	EA	ADJUSTMENT OF DROP INLETS
96	EA	ADJUSTMENT OF MANHOLES
55	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,068	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
800	HR	LAW ENFORCEMENT
260	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,060	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
1,588	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
255	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
625,786	LF	PAINT PAVEMENT MARKING LINES (4")
50	LF	PAINT PAVEMENT MARKING LINES (8")
150	LF	PAINT PAVEMENT MARKING LINES (24")
162,686	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,830	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140218 015

CONTRACT ID : C203504

13CR.10571.11

DIV OFFICE ASHEVILLE

LENGTH = 12.470 MI

COUNTY : MADISON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : OCT 15 2014

2 SECTIONS OF US-25/70, 1 SECTION OF NC-209, AND 6 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
579	TON	INCIDENTAL STONE BASE
22.12	SMI	SHOULDER RECONSTRUCTION
113	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
29,188	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
13,343	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,759	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,388	TON	ASPHALT BINDER FOR PLANT MIX
4,980	TON	PATCHING EXISTING PAVEMENT
40,128	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
5	EA	ADJUSTMENT OF DROP INLETS
2	EA	ADJUSTMENT OF MANHOLES
1,310	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
40	HR	LAW ENFORCEMENT
80	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
14	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
51	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
353,126	LF	PAINT PAVEMENT MARKING LINES (4")
85,635	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
8,608	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
820	EA	SNOWPLOWABLE PAVEMENT MARKERS



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140218 016

CONTRACT ID : C203505

13CR.11001.12

DIV OFFICE ASHEVILLE

LENGTH = 11.170 MI

COUNTY : YANCEY

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : OCT 15 2014

NC-80 FROM SR-1158 TO SR-1153, AND 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
552	TON	INCIDENTAL STONE BASE
22.07	SMI	SHOULDER RECONSTRUCTION
3,290	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
8,023	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,873	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
807	TON	ASPHALT BINDER FOR PLANT MIX
3,700	TON	PATCHING EXISTING PAVEMENT
7	EA	CONCRETE CURB RAMP
1	EA	ADJUSTMENT OF DROP INLETS
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,252	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
224	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
201,484	LF	PAINT PAVEMENT MARKING LINES (4")
135,168	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
845	EA	SNOWPLOWABLE PAVEMENT MARKERS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 017

CONTRACT ID : C203347 33004.3.FD1

DIV OFFICE SYLVA

LENGTH = 0.088 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 27 2015

BRIDGE #42 OVER SACONON CREEK ON SR-1734 (STEPP MILL RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
1	EA	SEALING ABANDONED WELLS	
6,900	CY	UNCLASSIFIED EXCAVATION	
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (12+71.50-L-)	
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	
350	CY	UNDERCUT EXCAVATION	
Lump Sum	LS	GRADING	
540	CY	DRAINAGE DITCH EXCAVATION	
130	CY	SELECT GRANULAR MATERIAL, CLASS III	
390	SY	GEOTEXTILE FOR SOIL STABILIZATION	
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	
30	SY	FOUNDATION CONDITIONING GEOTEXTILE	
36	LF	15" DRAINAGE PIPE	
48	LF	15" RC PIPE CULVERTS, CLASS IV	
53	CY	SHALLOW UNDERCUT	
101	TON	CLASS IV SUBGRADE STABILIZATION	
200	TON	INCIDENTAL STONE BASE	
300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
170	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	
25	TON	ASPHALT BINDER FOR PLANT MIX	
25	CY	SUBDRAIN EXCAVATION	
20	CY	SUBDRAIN FINE AGGREGATE	
100	LF	6" PERFORATED SUBDRAIN PIPE	
1	EA	SUBDRAIN PIPE OUTLET	
6	LF	6" OUTLET PIPE	
0.5	CY	PIPE PLUGS	
2	EA	MASONRY DRAINAGE STRUCTURES	
2	EA	FRAME WITH TWO GRATES, STD 840.22	
100	LF	STEEL BM GUARDRAIL	
4	EA	TRIPLE CORRUGATED GUARDRAIL TERMINAL SECTIONS	
5	EA	ADDITIONAL GUARDRAIL POSTS	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (T-101)	
65	LF	REMOVE EXISTING GUARDRAIL	
101	TON	RIP RAP, CLASS B	
685	SY	GEOTEXTILE FOR DRAINAGE	
30	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
4	EA	SIGN ERECTION, TYPE E	
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	
526	SF	WORK ZONE SIGNS (STATIONARY)	
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
96	LF	BARRICADES (TYPE III)	
3,680	LF	PAINT PAVEMENT MARKING LINES (4")	
1,100	LF	TEMPORARY SILT FENCE	
210	TON	STONE FOR EROSION CONTROL, CLASS A	
195	TON	STONE FOR EROSION CONTROL, CLASS B	
135	TON	SEDIMENT CONTROL STONE	
1.5	ACR	TEMPORARY MULCHING	
50	LB	SEED FOR TEMPORARY SEEDING	
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING	
200	LF	TEMPORARY SLOPE DRAINS	
400	LF	SAFETY FENCE	
270	CY	SILT EXCAVATION	

3,400	SY	MATTING FOR EROSION CONTROL
150	SY	COIR FIBER MAT
450	SY	PERMANENT SOIL REINFORCEMENT MAT
180	LF	1/4" HARDWARE CLOTH
105	LF	WATTLE
60	LB	POLYACRYLAMIDE (PAM)
150	LF	COIR FIBER BAFFLE
3	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
0.7	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
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

WALL ITEMS

800	SF	GENERIC RETAINING WALL ITEM ANCHORED RETAINING WALLS
675	SF	GENERIC RETAINING WALL ITEM ARCH CONC SURFACE TREATMENT

STRUCTURE ITEMS

201	CY	FOUNDATION EXCAVATION
24	LF	3'-0" DIA DRILLED PIERS IN SOIL
51	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
6	EA	SID INSPECTIONS
12	EA	SPT TESTING
1	EA	CSL TESTING
99.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+71.50-L-)
18,529	LB	REINFORCING STEEL (BRIDGE)
2,712	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
Lump Sum	LS	ELASTOMERIC BEARINGS
405	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING
Lump Sum	LS	GENERIC STRUCTURE ITEM REHAB OF EXISTING STRUCTURE
Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL OF EXISTING STRUCTURE #42
84.67	LF	GENERIC STRUCTURE ITEM TYPE T101 RAIL
289	SF	GENERIC STRUCTURE ITEM ARCH CONC SURFACE TREATMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140218 018

CONTRACT ID : C203352 40156.3.FD1

DIV OFFICE SYLVA

LENGTH = 0.051 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : APR 06 2015

BRIDGE #309 OVER FEATHERSTONE CREEK ON SR-1528.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	18	EA	RESPONSE FOR EROSION CONTROL
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
100	CY	SELECT GRANULAR MATERIAL			
200	SY	GEOTEXTILE FOR SOIL STABILIZATION			
40	SY	ROCK PLATING			
60	CY	SHALLOW UNDERCUT			
100	TON	CLASS IV SUBGRADE STABILIZATION			
100	TON	INCIDENTAL STONE BASE			
100	SY	INCIDENTAL MILLING			
90	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
75	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
110	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
15	TON	ASPHALT BINDER FOR PLANT MIX			
23	CY	SUBDRAIN EXCAVATION			
18	CY	SUBDRAIN FINE AGGREGATE			
100	LF	6" PERFORATED SUBDRAIN PIPE			
1	EA	SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE			
110	LF	SHOULDER BERM GUTTER			
275	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)			
40	TON	RIP RAP, CLASS I			
10	TON	RIP RAP, CLASS B			
470	SY	GEOTEXTILE FOR DRAINAGE			
399	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
64	LF	BARRICADES (TYPE III)			
1,920	LF	PAINT PAVEMENT MARKING LINES (4")			
550	LF	TEMPORARY SILT FENCE			
150	TON	STONE FOR EROSION CONTROL, CLASS A			
35	TON	STONE FOR EROSION CONTROL, CLASS B			
125	TON	SEDIMENT CONTROL STONE			
1	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
100	LF	TEMPORARY SLOPE DRAINS			
100	LF	SAFETY FENCE			
50	CY	SILT EXCAVATION			
2,400	SY	MATTING FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
135	LF	1/4" HARDWARE CLOTH			
100	LF	*** TEMPORARY PIPE (24")			
4	EA	SPECIAL STILLING BASINS			
60	LF	WATTLE			
25	LB	POLYACRYLAMIDE (PAM)			
25	LF	COIR FIBER BAFFLE			
1	EA	*** SKIMMER (1-1/2")			
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			
240	LF	IMPERVIOUS DIKE			
10	MHR	SPECIALIZED HAND MOWING			

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15-84.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15-84.00-L-)
119	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
156	CY	CLASS A CONCRETE (CULVERT)
17,321	LB	REINFORCING STEEL (CULVERT)

