

**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 MARCH 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 FEBRUARY 18, 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.

<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	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 L140318

RPN	Contract Id	WBS	County	Length	JobType
001	C203422	45460.3.FR1	NORTHAMPTON	14.500 MI	MILLING AND RESURFACING.
002	C203366	38556.3.FD1	PERSON	0.073 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
003	C203512	17BP.5.H.3	DURHAM	0.034 MI	BRIDGE REHABILITATION.
004	C203456	43836.3.D1	HARNETT	1.213 MI	GRADING, DRAINAGE, PAVING AND CULVERT.
005	C203363	38530.3.FD1	GUILFORD	0.090 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
006	C203367	42290.3.FD1	SCOTLAND	0.066 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C203522	8CR.10471.23	ETC HOKE, SCOTLAND	22.703 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C203523	8CR.10531.23	ETC LEE	10.598 MI	RESURFACING & SHOULDER RECONSTRUCTION.
009	C203524	8CR.10621.23	ETC MONTGOMERY	10.250 MI	MILLING, MILLED RUMBLE STRIPS & RESURFACING.
010	C203525	8CR.10631.23	ETC MOORE	23.179 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
011	C203526	8CR.10761.23	ETC RANDOLPH	25.725 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
012	C203521	8CR.20191.23	CHATHAM	11.214 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
013	C203527	8CR.20771.23	RICHMOND	8.530 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
014	C203362	38513.3.FD1	DAVIDSON	0.173 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
015	C203426	33817.3.FD1	UNION	0.160 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
016	C203284	38550.3.FR1	MECKLENBURG	0.206 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
017	C203368	42293.3.FR1	UNION	0.095 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
018	C203357	41188.3.FS1	GASTON	2.244 MI	WEIGH STATION, GRADING, DRAINAGE, PAVING, LIGHTING & CULVERT
019	C203369	42324.3.FD1	BUNCOMBE	0.090 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.
020	C203530	46292.3.FS1	BUNCOMBE, HENDERSON	0.492 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
021	C203364	38534.3.FD1	HAYWOOD	0.022 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
022	C203365	38535.3.FD1	HAYWOOD	0.179 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
023	C203202	41534.3.FS1	HAYWOOD	0.265 MI	REST AREA.
024	C203454	44097.3.D4	CHEROKEE	0.474 MI	GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L140318 001****CONTRACT ID : C203422 45460.3.FR1****DIV OFFICE EDENTON****LENGTH = 14.500 MI****COUNTY : NORTHAMPTON****MILLING AND RESURFACING.****DBE GOAL 5.0% COMPLETION DATE : NOV 21 2014****US-258 FROM NC-305 TO US-158.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
900	TON	INCIDENTAL STONE BASE
275,700	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
34,691	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,081	TON	ASPHALT BINDER FOR PLANT MIX
2	EA	RETROFIT EXISTING CURB RAMP
60	SY	6" CONCRETE DRIVEWAY
370	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
27	EA	ADJUSTMENT OF MANHOLES
19	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,624	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
80	HR	LAW ENFORCEMENT
150,240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
103,540	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
253,780	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (16")
450	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARAC- TER
9	EA	PAINT PAVEMENT MARKING SYMBOL
400	LF	INDUCTIVE LOOP SAWCUT
500	LF	LEAD-IN CABLE (***** (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 002

CONTRACT ID : C203366 38556.3.FD1

DIV OFFICE DURHAM

LENGTH = 0.073 MI

COUNTY : PERSON

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #24 OVER N FLAT RIVER ON SR-1142.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
10	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
22	LF	PIPE REMOVAL
80	TON	INCIDENTAL STONE BASE
200	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
150	TON	ASPHALT CONC SURFACE COURSE, TYPE SP9.5A
22	TON	ASPHALT BINDER FOR PLANT MIX
10	EA	RIGHT OF WAY MARKERS
225	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
100	TON	RIP RAP, CLASS I
300	TON	RIP RAP, CLASS II
1,250	SY	GEOTEXTILE FOR DRAINAGE
427	SF	WORK ZONE SIGNS (STATIONARY)
208	SF	WORK ZONE SIGNS (PORTABLE)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
6	EA	DRUMS
80	LF	BARRICADES (TYPE III)
30	DAY	FLAGGER
5,880	LF	PAINT PAVEMENT MARKING LINES (4")
400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,000	LF	TEMPORARY SILT FENCE
165	TON	STONE FOR EROSION CONTROL, CLASS A
70	TON	STONE FOR EROSION CONTROL, CLASS B
150	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
180	CY	SILT EXCAVATION
1,200	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
25	SY	PERMANENT SOIL REINFORCEMENT MAT
205	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
80	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
0.5	ACR	SEEDING & MULCHING
0.25	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
300	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+71.41-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (13+71.41-L-)
95	CY	CLASS A CONCRETE (CULVERT)
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINFORCED CONCRETE THREE-SIDED CULVERT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 003

CONTRACT ID : C203512 17BP.5.H.3

DIV OFFICE DURHAM

LENGTH = 0.034 MI

COUNTY : DURHAM

BRIDGE REHABILITATION.

MBE GOAL 1.0% WBE 1.0% COMPLETION DATE : NOV 30 2014

BRIDGE #193 ON SR-1671 (E CLUB BLVD) OVER I-85.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (10+00.00)
660	SY	INCIDENTAL MILLING
91	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
6	TON	ASPHALT BINDER FOR PLANT MIX
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
65	LF	REMOVE & RESET EXISTING GUARD- RAIL
70	LF	REMOVE EXISTING GUARDRAIL
968	SF	WORK ZONE SIGNS (STATIONARY)
256	SF	WORK ZONE SIGNS (PORTABLE)
154	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
94	EA	DRUMS
224	LF	BARRICADES (TYPE III)
4	EA	TMA
128	HR	LAW ENFORCEMENT
1,575	LF	PAINT PAVEMENT MARKING LINES (4")
6,814	SF	REINFORCED CONCRETE DECK SLAB
6,462	SF	GROOVING BRIDGE FLOORS
55.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (10+00.00)
11,231	LB	REINFORCING STEEL (BRIDGE)
167,900	LS	APPROX LBS STRUCTURAL STEEL
407.62	LF	VERTICAL CONCRETE BARRIER RAIL
Lump Sum	LS	ELASTOMERIC BEARINGS
21.1	CF	SHOTCRETE REPAIRS
56	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE AT BRIDGE #193

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 004

CONTRACT ID : C203456 43836.3.D1

DIV OFFICE FAYETTEVILLE

LENGTH = 1.213 MI

COUNTY : HARNETT

GRADING, DRAINAGE, PAVING AND CULVERT.

MBE GOAL 3.0% WBE 7.0% COMPLETION DATE : MAY 14 2015

SR-1841 (SADDLEBRED RD) SOUTH OF I-95 AND SR-1808 (JONESBORO RD)/I-95 INTERCHANGE.

ROADWAY ITEMS					
			700	HR	FLAGGER
			1	EA	TMA
			100	EA	SKINNY DRUM
			68	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	19,818	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	20,352	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	24,000	CY UNCLASSIFIED EXCAVATION			
	1,200	CY UNDERCUT EXCAVATION	259	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
	4,500	CY BORROW EXCAVATION	22	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
	480	CY DRAINAGE DITCH EXCAVATION			
	1,750	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	437	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
	1,500	CY SELECT GRANULAR MATERIAL			
	2,075	SY GEOTEXTILE FOR SOIL STABILIZATION	11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
	70	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	900	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
	210	SY FOUNDATION CONDITIONING GEOTEXTILE	79,755	LF	PAINT PAVEMENT MARKING LINES (4")
	64	LF 15" DRAINAGE PIPE	416	LF	PAINT PAVEMENT MARKING LINES (8")
	40	LF 48" DRAINAGE PIPE			
	36	LF 30" RC PIPE CULVERTS, CLASS III	102	LF	PAINT PAVEMENT MARKING LINES (12")
	116	LF 42" RC PIPE CULVERTS, CLASS III	714	LF	PAINT PAVEMENT MARKING LINES (24")
	164	LF 18" RC PIPE CULVERTS, CLASS IV	6	EA	PAINT PAVEMENT MARKING SYMBOL
	184	LF 36" RC PIPE CULVERTS, CLASS IV	900	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
	248	LF PIPE REMOVAL			
Lump Sum	LS	FINE GRADING	722	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	300	CY SHALLOW UNDERCUT			
	300	TON CLASS IV SUBGRADE STABILIZATION	68	EA	PERMANENT RAISED PAVEMENT MARKERS
	151	TON AGGREGATE BASE COURSE	41	LF	*** WATER LINE (3/4")
	25	TON INCIDENTAL STONE BASE			
	600	SY INCIDENTAL MILLING	704	LF	8" WATER LINE
	5,650	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	2	EA	*** VALVE (3/4")
	5,300	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1	EA	8" VALVE
	5,100	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1	EA	RECONNECT WATER METER
	810	TON ASPHALT BINDER FOR PLANT MIX	50	LF	*** ENCASMENT PIPE (18")
	11.3	CY ENDWALLS	50	LF	24" ENCASMENT PIPE
	0.656	CY PIPE COLLARS	16,340	LF	TEMPORARY SILT FENCE
	190	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	25	TON	STONE FOR EROSION CONTROL, CLASS A
	1	EA ADJUSTMENT OF METER BOXES OR VALVE BOXES	1,360	TON	STONE FOR EROSION CONTROL, CLASS B
	212.5	LF STEEL BM GUARDRAIL	615	TON	SEDIMENT CONTROL STONE
	280	LF STEEL BM GUARDRAIL, SHOP CURVED	50.5	ACR	TEMPORARY MULCHING
	5	EA ADDITIONAL GUARDRAIL POSTS	1,050	LB	SEED FOR TEMPORARY SEEDING
	2	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1	5	TON	FERTILIZER FOR TEMPORARY SEEDING
	3	EA GUARDRAIL ANCHOR UNITS, TYPE 350			
	475	LF REMOVE EXISTING GUARDRAIL	645	LF	TEMPORARY SLOPE DRAINS
	120	TON RIP RAP, CLASS I	100	LF	SAFETY FENCE
	5	TON RIP RAP, CLASS B	6,060	CY	SILT EXCAVATION
	350	TON BOULDERS	52,875	SY	MATTING FOR EROSION CONTROL
	230	SY GEOTEXTILE FOR DRAINAGE	100	SY	COIR FIBER MAT
	622	LF SUPPORTS, 3-LB STEEL U-CHANNEL	975	LF	1/4" HARDWARE CLOTH
	1	EA SIGN ERECTION, TYPE D	280	SY	LOW PERMEABILITY GEOTEXTILE
	39	EA SIGN ERECTION, TYPE E	60	CY	STILLING BASINS
	8	EA SIGN ERECTION, TYPE F	2	EA	SPECIAL STILLING BASINS
	38	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1,300	LF	COIR FIBER WATTLE
	329	SF WORK ZONE SIGNS (STATIONARY)	1,075	LB	POLYACRYLAMIDE (PAM)
	640	SF WORK ZONE SIGNS (PORTABLE)	190	LF	COIR FIBER BAFFLE
	85	SF WORK ZONE SIGNS (BARRICADE MOUNTED)	10	EA	*** SKIMMER (1-1/2")
	1	EA PORTABLE CHANGEABLE MESSAGE SIGN	30	ACR	SEEDING & MULCHING
	350	EA DRUMS	30	ACR	MOWING
	100	EA CONES	550	LB	SEED FOR REPAIR SEEDING
	365	LF BARRICADES (TYPE III)	1.5	TON	FERTILIZER FOR REPAIR SEEDING
			650	LB	SEED FOR SUPPLEMENTAL SEEDING
			19.25	TON	FERTILIZER TOPDRESSING
			60	LF	IMPERVIOUS DIKE
			10	MHR	SPECIALIZED HAND MOWING
			150	EA	RESPONSE FOR EROSION CONTROL

780	CY	CULVERT DIVERSION CHANNEL
2	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (58+98.00-L-)
85.71	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
123	CY	CLASS A CONCRETE (CULVERT)
16,017	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 005

CONTRACT ID : C203363 38530.3.FD1

DIV OFFICE GREENSBORO

LENGTH = 0.090 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : APR 30 2015

BRIDGE #159 OVER N BUFFALO CREEK ON SR-2824 (CREEKVIEW RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+64.29 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEOTEXTILE
48	LF	15" RC PIPE CULVERTS, CLASS III
250	TON	INCIDENTAL STONE BASE
330	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
180	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
175	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
35	TON	ASPHALT BINDER FOR PLANT MIX
10	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
100	LF	SHOULDER BERM GUTTER
150	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,300	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
70	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
353	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
1,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
675	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
115	TON	STONE FOR EROSION CONTROL, CLASS B
330	TON	SEDIMENT CONTROL STONE
0.8	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
140	CY	SILT EXCAVATION
1,750	SY	MATTING FOR EROSION CONTROL
50	SY	COIR FIBER MAT
200	SY	PERMANENT SOIL REINFORCEMENT MAT
175	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
105	LF	WATTLE
55	LB	POLYACRYLAMIDE (PAM)
55	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
0.8	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
0.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+64.29-L-)
60	LF	3'-0" DIA DRILLED PIERS IN SOIL
57	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+64.29-L-)
3,069	SF	CONCRETE WEARING SURFACE
3,939	SF	GROOVING BRIDGE FLOORS
58.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+64.29-L-)
19,708	LB	REINFORCING STEEL (BRIDGE)
2,633	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
230	LF	HP12X53 STEEL PILES
10	EA	STEEL PILE POINTS
220.5	LF	VERTICAL CONCRETE BARRIER RAIL
130	TON	RIP RAP CLASS II (2'-0" THICK)
136	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
500	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
600	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 006

CONTRACT ID : C203367 42290.3.FD1

DIV OFFICE ABERDEEN

LENGTH = 0.066 MI

COUNTY : SCOTLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : MAR 30 2015

BRIDGE #63 OVER JOE'S CREEK ON SR-1128(OLD STAGE RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+45.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL, CLASS III
200	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
5	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
5	SY	FOUNDATION CONDITIONING GEO- TEXTILE
20	TON	INCIDENTAL STONE BASE
240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
190	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX
8	EA	RIGHT OF WAY MARKERS
50	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
585	SY	GEOTEXTILE FOR DRAINAGE
61	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
4	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
497	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
6,000	LF	PAINT PAVEMENT MARKING LINES (4")
400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
276	LF	8" WATER LINE
1	EA	8" VALVE
1	EA	RELOCATE WATER METER
123	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL
122	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
785	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
25	TON	STONE FOR EROSION CONTROL, CLASS B
80	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
60	CY	SILT EXCAVATION
750	SY	MATting FOR EROSION CONTROL
200	SY	COIR FIBER MAT
150	LF	1/4" HARDWARE CLOTH
100	SY	FLOATING TURBIDITY CURTAIN
2	EA	SPECIAL STILLING BASINS
40	LF	WATTLE
100	LF	WATTLE BARRIER
15	LB	POLYACRYLAMIDE (PAM)
50	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
0.5	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 ***** (17+45.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+45.00-L-)
38.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+45.00-L-)
6,404	LB	REINFORCING STEEL (BRIDGE)
840	LF	HP12X53 STEEL PILES
480	LF	HP14X73 GALVANIZED STEEL PILES
135.25	LF	TWO BAR METAL RAIL
150.25	LF	1'-**X ***** CONCRETE PARA- PET (1'-2" X 2'-9")
350	TON	RIP RAP CLASS II (2'-0" THICK)
390	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
825	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 007

CONTRACT ID : C203522 8CR.10471.23

DIV OFFICE ABERDEEN

LENGTH = 22.703 MI

COUNTY : HOKE, SCOTLAND

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : NOV 14 2014

NC-20 FROM US-401 BUS TO THE ROBESON COUNTY LINE, AND 8 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,180	CY	BORROW EXCAVATION
2,127	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
700	TON	INCIDENTAL STONE BASE
44.92	SMI	SHOULDER RECONSTRUCTION
1,396	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(1-1/2")
1,610	SY	INCIDENTAL MILLING
12,090	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
16,910	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
1,858	TON	ASPHALT BINDER FOR PLANT MIX
1,360	TON	PATCHING EXISTING PAVEMENT
3	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
2,554	SF	WORK ZONE ADVANCE/GENERAL
		WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
160	HR	LAW ENFORCEMENT
95,600	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
45,550	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (16", 120 MILS)
578	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
527,001	LF	PAINT PAVEMENT MARKING LINES
		(4")
100	LF	PAINT PAVEMENT MARKING LINES
		(8")
700	EA	PERMANENT RAISED PAVEMENT
		MARKERS
1,915	LF	TEMPORARY SILT FENCE
3,400	LF	WATTLE
21.67	ACR	SEEDING & MULCHING
1,875	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 008

CONTRACT ID : C203523

8CR.10531.23

DIV OFFICE ABERDEEN

LENGTH = 10.598 MI

COUNTY : LEE

RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 14 2014

US-421 SBL FROM BEGINNING CONSTRUCTION LIMITS OF US-421 BYPASS TO END OF MEDIAN & 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,560	CY	BORROW EXCAVATION
890	TON	INCIDENTAL STONE BASE
21.24	SMI	SHOULDER RECONSTRUCTION
3,230	SY	INCIDENTAL MILLING
5,400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,196	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
873	TON	ASPHALT BINDER FOR PLANT MIX
505	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
943	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
40	HR	LAW ENFORCEMENT
58,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
26,320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
425	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
210,400	LF	PAINT PAVEMENT MARKING LINES (4")
150	LF	PAINT PAVEMENT MARKING LINES (8")
540	EA	PERMANENT RAISED PAVEMENT MARKERS
1,190	LF	TEMPORARY SILT FENCE
1,350	LF	WATTLE
15.49	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 009

CONTRACT ID : C203524 8CR.10621.23

DIV OFFICE ABERDEEN

LENGTH = 10.250 MI

COUNTY : MONTGOMERY

MILLING, MILLED RUMBLE STRIPS & RESURFACING.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : NOV 14 2014

US-220 SB AND NB RAMPS AT NC-211 INTERCHANGE AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
150	TON	INCIDENTAL STONE BASE
17,085	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
19,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
975	SY	INCIDENTAL MILLING
5,305	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,175	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,780	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
835	TON	ASPHALT BINDER FOR PLANT MIX
3,588	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
5	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,299	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
18,160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,318	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,194	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
83	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
15	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,005	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
324,894	LF	PAINT PAVEMENT MARKING LINES (4")
121	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 010

CONTRACT ID : C203525

8CR.10631.23

DIV OFFICE ABERDEEN

LENGTH = 23.179 MI

COUNTY : MOORE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : NOV 14 2014

1 SECTION EACH OF NC-24/27, NC-24/27/22 & NC-73 AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,315	CY	BORROW EXCAVATION
1,415	TON	INCIDENTAL STONE BASE
45.13	SMI	SHOULDER RECONSTRUCTION
2,900	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,000	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,575	SY	INCIDENTAL MILLING
4,450	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
15,178	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
13,722	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,044	TON	ASPHALT BINDER FOR PLANT MIX
1,720	TON	PATCHING EXISTING PAVEMENT
20	EA	ADJUSTMENT OF MANHOLES
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,597	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
114,820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
75,760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
472,300	LF	PAINT PAVEMENT MARKING LINES (4")
720	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
3,245	LF	TEMPORARY SILT FENCE
3,910	LF	WATTLE
32.8	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 011

CONTRACT ID : C203526 8CR.10761.23

DIV OFFICE ABERDEEN

LENGTH = 25.725 MI

COUNTY : RANDOLPH

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : NOV 14 2014

US-421 SB FROM SR-2407 TO NORTH OF BRIDGE #142, AND 20 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
853	CY	BORROW EXCAVATION
356	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
5,043.9	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
569	TON	INCIDENTAL STONE BASE
1.54	SMI	SHOULDER CONSTRUCTION
50.25	SMI	SHOULDER RECONSTRUCTION
7.660	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
8,040	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
720	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
9,079	SY	INCIDENTAL MILLING
788	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
222	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
511	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
81	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
12,918	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,833	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
16,283	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,226	TON	ASPHALT BINDER FOR PLANT MIX
2,835	TON	PATCHING EXISTING PAVEMENT
197,789	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6M STONE
24,372	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
25	EA	ADJUSTMENT OF MANHOLES
15	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,861	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
184	HR	LAW ENFORCEMENT
51,852	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
32,544	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
192	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
75	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
357	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
29	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
670	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
875,558	LF	PAINT PAVEMENT MARKING LINES (4")
684	EA	PERMANENT RAISED PAVEMENT MARKERS
304	EA	SNOWPLOWABLE PAVEMENT MARKERS
121	LF	TEMPORARY SILT FENCE
350	LF	WATTLE
21.63	ACR	SEEDING & MULCHING
2,626	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 012

CONTRACT ID : C203521 8CR.20191.23

DIV OFFICE ABERDEEN

LENGTH = 11.214 MI

COUNTY : CHATHAM

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 14 2014

8 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,242.8	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
22.43	SMI	SHOULDER RECONSTRUCTION
300	SY	MILLING ASPHALT PAVEMENT, ****
		TO *****
		(0" TO 1-1/2")
1,560	SY	INCIDENTAL MILLING
335	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE I19.0B
895	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
11,060	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
812	TON	ASPHALT BINDER FOR PLANT MIX
1,410	TON	PATCHING EXISTING PAVEMENT
78,416	SY	ASPHALT SURFACE TREATMENT, MAT
		COAT, #6M STONE
1,256	SF	WORK ZONE ADVANCE/GENERAL
		WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
24,113	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
24,113	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
138,878	LF	PAINT PAVEMENT MARKING LINES
		(4")
50	LF	PAINT PAVEMENT MARKING LINES
		(16")
40	LF	PAINT PAVEMENT MARKING LINES
		(24")
2	EA	PAINT PAVEMENT MARKING CHARAC-
		TER
148	EA	PERMANENT RAISED PAVEMENT
		MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 013

CONTRACT ID : C203527 8CR.20771.23

DIV OFFICE ABERDEEN

LENGTH = 8.530 MI

COUNTY : RICHMOND

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 14 2014

10 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,201	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
15.59	SMI	SHOULDER RECONSTRUCTION
1,614	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
1,150	SY	INCIDENTAL MILLING
2,518	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,234	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
568	TON	ASPHALT BINDER FOR PLANT MIX
8	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
956	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
126	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
245,254	LF	PAINT PAVEMENT MARKING LINES (4")

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 014

CONTRACT ID : C203362 38513.3.FD1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.173 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #7 OVER DYKERS CREEK ON SR-1194.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+66.00-L-)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
3,550	CY	BORROW EXCAVATION
35	CY	DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
900	SY	GEOTEXTILE FOR SOIL STABILIZATION
150	SY	ROCK PLATING
34	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
100	SY	FOUNDATION CONDITIONING GEOTEXTILE
48	LF	15" DRAINAGE PIPE
240	LF	18" DRAINAGE PIPE
4	EA	*** DRAINAGE PIPE ELBOWS (15")
300	LF	PIPE REMOVAL
200	CY	SHALLOW UNDERCUT
400	TON	CLASS IV SUBGRADE STABILIZATION
137	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
240	SY	INCIDENTAL MILLING
418	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
370	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
44	TON	ASPHALT BINDER FOR PLANT MIX
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
4	EA	RIGHT OF WAY MARKERS
44.8	CY	SUBDRAIN EXCAVATION
33.6	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
165	LF	SHOULDER BERM GUTTER
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
275	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III - SHOP CURVED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
110	TON	RIP RAP, CLASS II
21	TON	RIP RAP, CLASS B
620	SY	GEOTEXTILE FOR DRAINAGE
71	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
435	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
10,520	LF	PAINT PAVEMENT MARKING LINES (4")
1,750	LF	TEMPORARY SILT FENCE
165	TON	STONE FOR EROSION CONTROL, CLASS A
175	TON	STONE FOR EROSION CONTROL, CLASS B

130	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
400	CY	SILT EXCAVATION
5,200	SY	MATTING FOR EROSION CONTROL
175	SY	COIR FIBER MAT
130	SY	PERMANENT SOIL REINFORCEMENT MAT
330	LF	1/4" HARDWARE CLOTH
210	LF	WATTLE
80	LB	POLYACRYLAMIDE (PAM)
140	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
3	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+66.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+66.00-L-)
64.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+66.00-L-)
9,972	LB	REINFORCING STEEL (BRIDGE)
645	LF	HP14X73 STEEL PILES
204.79	LF	VERTICAL CONCRETE BARRIER RAIL
315	TON	RIP RAP CLASS II (2'-0" THICK)
355	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,126.35	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 015

CONTRACT ID : C203426 33817.3.FD1

DIV OFFICE ALBEMARLE

LENGTH = 0.160 MI

COUNTY : UNION

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : MAY 14 2015

BRIDGE #251 OVER SOUTH FORK CROOKED CREEK ON SR-1508 (POPLIN RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (17+73.00 -L-)
250	CY	UNDERCUT EXCAVATION
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS	GRADING
3,350	CY	BORROW EXCAVATION
200	CY	DRAINAGE DITCH EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
350	SY	GEOTEXTILE FOR SOIL STABILIZATION
175	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
360	SY	FOUNDATION CONDITIONING GEOTEXTILE
48	LF	15" DRAINAGE PIPE
120	LF	18" DRAINAGE PIPE
80	LF	15" RC PIPE CULVERTS, CLASS IV
124	LF	18" RC PIPE CULVERTS, CLASS IV
152	LF	36" RC PIPE CULVERTS, CLASS IV
180	LF	PIPE REMOVAL
250	TON	INCIDENTAL STONE BASE
250	SY	INCIDENTAL MILLING
800	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
650	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
540	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
105	TON	ASPHALT BINDER FOR PLANT MIX
4.5	CY	ENDWALLS
9	EA	MASONRY DRAINAGE STRUCTURES
2.7	LF	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1	EA	FRAME WITH COVER, STD 840.54
120	LF	***,** CONCRETE CURB & GUTTER (2'-0")
600	LF	2'-6" CONCRETE CURB & GUTTER
65	LF	SHOULDER BERM GUTTER
5	EA	ADJUSTMENT OF CATCH BASINS
262.5	LF	STEEL BM GUARDRAIL
5	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
125	TON	RIP RAP, CLASS B
1,445	SY	GEOTEXTILE FOR DRAINAGE
413	SF	WORK ZONE SIGNS (STATIONARY)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
80	LF	BARRICADES (TYPE III)
20	EA	SKINNY DRUM
1,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)

11	EA	PERMANENT RAISED PAVEMENT MARKERS
539	LF	12" WATER LINE
2	EA	12" VALVE
501	LF	ABANDON 12" UTILITY PIPE
1,270	LF	TEMPORARY SILT FENCE
165	TON	STONE FOR EROSION CONTROL, CLASS A
115	TON	STONE FOR EROSION CONTROL, CLASS B
405	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
370	CY	SILT EXCAVATION
3,000	SY	MATTING FOR EROSION CONTROL
500	SY	COIR FIBER MAT
430	LF	1/4" HARDWARE CLOTH
120	SY	FLOATING TURBIDITY CURTAIN
12	EA	SPECIAL STILLING BASINS
200	LF	COIR FIBER WATTLE
55	LB	POLYACRYLAMIDE (PAM)
160	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
0.8	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
20	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+73.00-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 17+30.00-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 17+30.00-L-)
129	LF	PILE EXCAVATION IN SOIL
36	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+73.00-L-)
30.4	CY	CLASS AA CONCRETE (BRIDGE)
334.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+73.00-L-)
43,404	LB	REINFORCING STEEL (BRIDGE)
773	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,575	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
275	LF	HP12X53 GALVANIZED STEEL PILES
11	EA	STEEL PILE POINTS
162.8	LF	THREE BAR METAL RAIL
140.2	LF	CONCRETE BARRIER RAIL
911	TON	RIP RAP CLASS II (2'-0" THICK)
1,011	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,380	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 016

CONTRACT ID : C203284 38550.3.FR1

DIV OFFICE ALBEMARLE

LENGTH = 0.206 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : JAN 27 2017

BRIDGES #147 AND 140 OVER MALLARD CREEK ON US-29 NORTH AND SOUTHBOUND LANES.

ROADWAY ITEMS					
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	1,450	LF	2'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+20.50 -L- SBL)	1,440	SY	4" CONCRETE SIDEWALK
			4	EA	CONCRETE CURB RAMP
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+47.50 -L- NBL)	317	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			2	EA	ADJUSTMENT OF MANHOLES
Lump Sum	LS	GRADING	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
			1,000	LF	STEEL BM GUARDRAIL
1,500	CY	UNDERCUT EXCAVATION	5	EA	ADDITIONAL GUARDRAIL POSTS
110	CY	DRAINAGE DITCH EXCAVATION	7	EA	GUARDRAIL ANCHOR UNITS, TYPE III
500	CY	SELECT GRANULAR MATERIAL			
2,200	SY	GEOTEXTILE FOR SOIL STABILIZATION	3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			1,480	LF	REMOVE EXISTING GUIDERAIL
550	SF	TEMPORARY SHORING	125	LF	TEMPORARY STEEL BM GUARDRAIL
344	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
763	SY	FOUNDATION CONDITIONING GEOTEXTILE	270	LF	RELAPPING GUARDRAIL
228	LF	15" DRAINAGE PIPE	38	TON	RIP RAP, CLASS B
188	LF	***** RC PIPE CULVERTS, CLASS IV (12")	2,725	SY	GEOTEXTILE FOR DRAINAGE
			172	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
660	LF	15" RC PIPE CULVERTS, CLASS IV	9	EA	SIGN ERECTION, TYPE E
212	LF	18" RC PIPE CULVERTS, CLASS IV	3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
36	LF	*** CS PIPE CULVERTS, ***** THICK (12", 0.064")	8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
32	LF	15" CS PIPE CULVERTS, 0.064" THICK	1,155	SF	WORK ZONE SIGNS (STATIONARY)
			351	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	150	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			3	EA	FLASHING ARROW BOARD
58	LF	PIPE REMOVAL	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1,500	CY	SHALLOW UNDERCUT			
1,500	TON	CLASS IV SUBGRADE STABILIZATION	30	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
			329	EA	DRUMS
536	TON	AGGREGATE BASE COURSE	100	EA	CONES
300	TON	INCIDENTAL STONE BASE	296	LF	BARRICADES (TYPE III)
1,680	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (3")	1,200	HR	FLAGGER
			2	EA	TEMPORARY CRASH CUSHIONS
1,690	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 3")	1	EA	TMA
			1,070	LF	PORTABLE CONCRETE BARRIER
1,938	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2,380	LF	WATER FILLED BARRIER
			1,168	LF	RESET WATER FILLED BARRIER
1,025	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	100	EA	SKINNY DRUM
			112	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,832	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
46	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	123	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
248	TON	ASPHALT BINDER FOR PLANT MIX	5	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
132	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,264	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
400	SY	GENERIC PAVING ITEM			
			13,660	LF	PAINT PAVEMENT MARKING LINES (4")
24	LF	12" FUNNEL DRAIN PIPE			
1	EA	12" FUNNEL DRAIN PIPE ELBOWS	655	LF	PAINT PAVEMENT MARKING LINES (8")
1	CY	PIPE PLUGS			
12	CY	FLOWABLE FILL	12	EA	PAINT PAVEMENT MARKING SYMBOL
20	EA	MASONRY DRAINAGE STRUCTURES	4,603	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
2	LF	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.16	1,233	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
5	EA	FRAME WITH TWO GRATES, STD 840.22	55	EA	PERMANENT RAISED PAVEMENT MARKERS
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	946	LF	16" WATER LINE
			2	EA	16" VALVE
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2	EA	2" AIR RELEASE VALVE
			2	EA	RELOCATE WATER METER

			995	LF	HP12X53 STEEL PILES
			576.92	LF	TWO BAR METAL RAIL
			609.6	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" x 3'-7 1/2")
1	EA	RECONNECT WATER METER			
1	EA	RELOCATE FIRE HYDRANT			
917	LF	ABANDON 16" UTILITY PIPE	860	TON	RIP RAP CLASS II (2'-0" THICK)
95	LF	24" ENCASEMENT PIPE	1,055	SY	GEOTEXTILE FOR DRAINAGE
48	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL	Lump Sum	LS	ELASTOMERIC BEARINGS
48	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL	Lump Sum	LS	FOAM JOINT SEALS
			5,171.88	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
2,550	LF	TEMPORARY SILT FENCE			
360	TON	STONE FOR EROSION CONTROL, CLASS A			
345	TON	STONE FOR EROSION CONTROL, CLASS B			
1,020	TON	SEDIMENT CONTROL STONE			
4.5	ACR	TEMPORARY MULCHING			
200	LB	SEED FOR TEMPORARY SEEDING			
1.75	TON	FERTILIZER FOR TEMPORARY SEED- ING			
200	LF	TEMPORARY SLOPE DRAINS			
300	LF	SAFETY FENCE			
1,220	CY	SILT EXCAVATION			
6,000	SY	MATTING FOR EROSION CONTROL			
200	SY	COIR FIBER MAT			
400	SY	PERMANENT SOIL REINFORCEMENT MAT			
875	LF	1/4" HARDWARE CLOTH			
330	SY	FLOATING TURBIDITY CURTAIN			
28	EA	SPECIAL STILLING BASINS			
400	LF	WATTLE			
145	LB	POLYACRYLAMIDE (PAM)			
375	LF	COIR FIBER BAFFLE			
5	EA	*** SKIMMER (1-1/2")			
4.5	ACR	SEEDING & MULCHING			
2.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
100	LB	SEED FOR SUPPLEMENTAL SEEDING			
3	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
18	EA	RESPONSE FOR EROSION CONTROL			

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+20.50-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+47.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+20.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+47.50-L-)
345.5	LF	3'-0" DIA DRILLED PIERS IN SOIL
218	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
77	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
8	EA	SID INSPECTIONS
4	EA	SPT TESTING
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (20+20.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (20+47.50-L-)
13,394	SF	CONCRETE WEARING SURFACE
16,335	SF	GROOVING BRIDGE FLOORS
101.8	CY	CLASS AA CONCRETE (BRIDGE)
228.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+20.50-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+47.50-L-)
78,651	LB	REINFORCING STEEL (BRIDGE)
4,838	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
11,306	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 017

CONTRACT ID : C203368 42293.3.FR1

DIV OFFICE ALBEMARLE

LENGTH = 0.095 MI

COUNTY : UNION

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : APR 30 2015

BRIDGE #72 OVER CHINKAPIN CREEK ON NC-200.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+09.00)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING
	850	CY UNDERCUT EXCAVATION
	220	CY DRAINAGE DITCH EXCAVATION
	1,000	CY SELECT GRANULAR MATERIAL
	1,100	SY GEOTEXTILE FOR SOIL STABILIZATION
	10	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	30	SY FOUNDATION CONDITIONING GEOTEXTILE
	24	LF 18" DRAINAGE PIPE
	60	LF 18" RC PIPE CULVERTS, CLASS IV
	150	CY SHALLOW UNDERCUT
	270	TON CLASS IV SUBGRADE STABILIZATION
	50	TON INCIDENTAL STONE BASE
	140	SY INCIDENTAL MILLING
	410	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
	120	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	280	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	41	TON ASPHALT BINDER FOR PLANT MIX
	455	TON ASPHALT PLANT MIX, PAVEMENT REPAIR
	70	CY SUBDRAIN EXCAVATION
	60	CY SUBDRAIN FINE AGGREGATE
	300	LF 6" PERFORATED SUBDRAIN PIPE
	1	EA SUBDRAIN PIPE OUTLET
	6	LF 6" OUTLET PIPE
	1	CY ENDWALLS
	2	EA MASONRY DRAINAGE STRUCTURES
	2	EA FRAME WITH TWO GRATES, STD 840.29
	1	EA *** SLUICE GATE (18")
	50	LF SHOULDER BERM GUTTER
	225	LF STEEL BM GUARDRAIL
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350
	175	TON RIP RAP, CLASS B
	830	SY GEOTEXTILE FOR DRAINAGE
	526	SF WORK ZONE SIGNS (STATIONARY)
	144	SF WORK ZONE SIGNS (PORTABLE)
	94	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	20	EA DRUMS
	20	EA CONES
	80	LF BARRICADES (TYPE III)
	120	HR FLAGGER
	20	EA SKINNY DRUM
	34,416	LF PAINT PAVEMENT MARKING LINES (4")
	120	LF PAINT PAVEMENT MARKING LINES (24")
	55	EA PERMANENT RAISED PAVEMENT MARKERS
	765	LF TEMPORARY SILT FENCE
	125	TON STONE FOR EROSION CONTROL, CLASS A
	90	TON STONE FOR EROSION CONTROL, CLASS B
	90	TON SEDIMENT CONTROL STONE
	1	ACR TEMPORARY MULCHING

100	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
320	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
125	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
50	LF	WATTLE
20	LB	POLYACRYLAMIDE (PAM)
160	LF	COIR FIBER BAFFLE
3	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
10	MHR	SPECIALIZED HAND MOWING
13	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+09.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+09.00 -L-)
76	LF	PILE EXCAVATION IN SOIL
70	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+09.00 -L-)
3,348	SF	CONCRETE WEARING SURFACE
4,489	SF	GROOVING BRIDGE FLOORS
69.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+09.00 -L-)
9,446	LB	REINFORCING STEEL (BRIDGE)
190	LF	HP14X73 STEEL PILES
200	LF	VERTICAL CONCRETE BARRIER RAIL
660	TON	RIP RAP CLASS II (2'-0" THICK)
730	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
1,200	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 018

CONTRACT ID : C203357 41188.3.FS1

DIV OFFICE SHELBY

LENGTH = 2.244 MI

COUNTY : GASTON

WEIGH STATION, GRADING, DRAINAGE, PAVING, LIGHTING & 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)
22	EA	SIGN ERECTION, TYPE D	6,825	LF	** #1 W/G FEEDER CIRCUIT IN ***** CONDUIT (4, 2)
21	EA	SIGN ERECTION, TYPE E	3,215	LF	***** FEEDER CIRCUIT IN ** CONDUIT (4 - #2/0 W/G, 3")
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" ENCASMENT 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

L140318 019

CONTRACT ID : C203369 42324.3.FD1

DIV OFFICE ASHEVILLE

LENGTH = 0.090 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.

DBE GOAL 6.0% COMPLETION DATE : MAY 14 2015

BRIDGE #108 OVER UPPER FLAT CREEK ON SR-2806.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
285	CY	UNDERCUT EXCAVATION
356	CY	DRAINAGE DITCH EXCAVATION
855	CY	SELECT GRANULAR MATERIAL
1,043	SY	GEOTEXTILE FOR SOIL STABILIZATION
1,027	SF	TEMPORARY SHORING
15	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
50	SY	FOUNDATION CONDITIONING GEOTEXTILE
36	LF	15" DRAINAGE PIPE
44	LF	18" DRAINAGE PIPE
60	LF	**** RC PIPE CULVERTS, CLASS ***** (15", V)
59	LF	PIPE REMOVAL
44	CY	SHALLOW UNDERCUT
83	TON	CLASS IV SUBGRADE STABILIZATION
70	TON	AGGREGATE BASE COURSE
30	TON	INCIDENTAL STONE BASE
510	GAL	PRIME COAT
100	SY	INCIDENTAL MILLING
225	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
300	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
27	EA	RIGHT OF WAY MARKERS
55	CY	SUBDRAIN EXCAVATION
45	CY	SUBDRAIN FINE AGGREGATE
240	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
150	LF	STEEL BM GUARDRAIL
75	LF	STEEL BM GUARDRAIL, SHOP CURVED
10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
125	LF	TEMPORARY STEEL BM GUARDRAIL
25	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77 SHOP CURVED)
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM, SHOP CURVED)
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
264	TON	RIP RAP, CLASS I
686	SY	GEOTEXTILE FOR DRAINAGE
27	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
245	SF	WORK ZONE SIGNS (STATIONARY)
149	SF	WORK ZONE SIGNS (PORTABLE)
10	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)

30	EA	DRUMS
30	EA	CONES
8	LF	BARRICADES (TYPE III)
120	DAY	FLAGGER
1	EA	TEMPORARY CRASH CUSHIONS
50	LF	PORTABLE CONCRETE BARRIER
50	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
30	EA	SKINNY DRUM
96	EA	TEMPORARY RAISED PAVEMENT MARKERS
11,873	LF	PAINT PAVEMENT MARKING LINES (4")
36	LF	PAINT PAVEMENT MARKING LINES (24")
2,238	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,200	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
40	TON	STONE FOR EROSION CONTROL, CLASS B
235	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
5,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
200	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
100	LF	WATTLE
25	LB	POLYACRYLAMIDE (PAM)
120	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
0.75	TON	FERTILIZER TOPDRESSING
1,100	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

***** BEGIN SCHEDULE AA *****
***** (2 ALTERNATES) *****

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

140	DAY	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM
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*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+00.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (16+00.00-L-)
85	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
140.4	CY	CLASS A CONCRETE (CULVERT)
20,216	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 020

CONTRACT ID : C203530 46292.3.FS1

DIV OFFICE ASHEVILLE

LENGTH = 0.492 MI

COUNTY : BUNCOMBE, HENDERSON

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : NOV 28 2016

I-26 AND NC-280 INTERCHANGE IN ASHEVILLE.

ROADWAY ITEMS					
			60	LF	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	MOBILIZATION	1	EA	FRAME WITH TWO GRATES, STD 840.**** (840.33)
Lump Sum	LS	CONSTRUCTION SURVEYING	7	EA	FRAME WITH TWO GRATES, STD 840.16
Lump Sum	LS	GRADING	5	EA	FRAME WITH TWO GRATES, STD 840.20
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	3	EA	FRAME WITH TWO GRATES, STD 840.22
1,300	CY	UNDERCUT EXCAVATION	3	EA	FRAME WITH TWO GRATES, STD 840.24
30	CY	DRAINAGE DITCH EXCAVATION	5	EA	FRAME WITH TWO GRATES, STD 840.29
2,000	CY	SELECT GRANULAR MATERIAL	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2,980	SY	GEOTEXTILE FOR SOIL STABILIZATION	16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
580	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1,800	SY	FOUNDATION CONDITIONING GEOTEXTILE	6	EA	FRAME WITH COVER, STD 840.54
156	LF	*** SIDE DRAIN PIPE (30")	8	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
648	LF	15" SIDE DRAIN PIPE	7	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
72	LF	18" SIDE DRAIN PIPE	3	EA	GENERIC DRAINAGE ITEM BICYCLE SAFE STEEL FRAME AND GRATE
8	EA	*** SIDE DRAIN PIPE ELBOWS (15")	320	LF	***X *** CONCRETE CURB (8" X 12")
72	LF	15" RC PIPE CULVERTS, CLASS III	5,870	LF	2'-6" CONCRETE CURB & GUTTER
96	LF	18" RC PIPE CULVERTS, CLASS III	320	LF	SHOULDER BERM GUTTER
32	LF	24" RC PIPE CULVERTS, CLASS III	780	LF	CONCRETE EXPRESSWAY GUTTER
2,416	LF	15" RC PIPE CULVERTS, CLASS IV	2,640	SY	4" CONCRETE SIDEWALK
538	LF	18" RC PIPE CULVERTS, CLASS IV	25	EA	CONCRETE CURB RAMP
280	LF	24" RC PIPE CULVERTS, CLASS IV	70	SY	6" CONCRETE DRIVEWAY
42	LF	30" RC PIPE CULVERTS, CLASS IV	2,690	SY	4" CONCRETE ISLAND COVER
440	LF	15" CS PIPE CULVERTS, 0.064" THICK	3,630	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
284	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500")	145	LF	CONCRETE BARRIER, TYPE ***** (III)
284	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500")	920	LF	GENERIC PAVING ITEM DDI BARRIER
20	LF	GENERIC PIPE ITEM 24" WELDED STEEL PIPE, 0.500" THICK, GRADE B, OPEN CUT	2,510	LF	GENERIC PAVING ITEM 18" CONCRETE CURB & GUTTER
1,624	LF	PIPE REMOVAL	3	EA	ADJUSTMENT OF CATCH BASINS
1	EA	PIPE CLEAN-OUT	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
440	CY	SHALLOW UNDERCUT	1,312.5	LF	STEEL BM GUARDRAIL
832	TON	CLASS IV SUBGRADE STABILIZATION	63.47	LF	STEEL BM GUARDRAIL, SHOP CURVED
500	TON	STABILIZER AGGREGATE	5	EA	ADDITIONAL GUARDRAIL POSTS
100	TON	INCIDENTAL STONE BASE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
2,930	SY	INCIDENTAL MILLING	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77 SHOP CURVED)
3,470	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2,670	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2,500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	6	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
3,150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	5	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
3,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	491	LF	REMOVE EXISTING GUARDRAIL
4,530	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,090	LF	WOVEN WIRE FENCE, 47" FABRIC
990	TON	ASPHALT BINDER FOR PLANT MIX	61	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	34	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
37	EA	RIGHT OF WAY MARKERS	30	TON	RIP RAP, CLASS B
336	CY	SUBDRAIN EXCAVATION	1,205	SY	GEOTEXTILE FOR DRAINAGE
252	CY	SUBDRAIN FINE AGGREGATE	3	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
1,500	LF	6" PERFORATED SUBDRAIN PIPE	2	CY	PLAIN CONCRETE SIGN FOUNDATIONS
3	EA	SUBDRAIN PIPE OUTLET			
18	LF	6" OUTLET PIPE			
2	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
2.49	CY	PIPE COLLARS			
0.07	CY	PIPE PLUGS			
78	EA	MASONRY DRAINAGE STRUCTURES			

			1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)
			380	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
45	CY	OVERHEAD FOOTING			
2,516	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
708	LB	SUPPORTS, SIMPLE STEEL BEAM			
1,123	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	465	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
6	EA	SUPPORTS, BARRIER (SMALL)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (22+00 -L- NBL)	255	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (29+70 -L- NBL)	485	LF	** #8 W/G FEEDER CIRCUIT (2)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (33+40 -L- SBL)	330	LF	** #6 W/G FEEDER CIRCUIT (2)
4	EA	SIGN ERECTION, TYPE D	7,225	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")
74	EA	SIGN ERECTION, TYPE E	1,230	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")
8	EA	SIGN ERECTION, TYPE F			
7	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	13	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	4	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)
8	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	Lump Sum	LS	PORTABLE LIGHTING
16	EA	DISPOSAL OF SUPPORT, STEEL BEAM	24	EA	GENERIC LIGHTING ITEM HIGH MOUNT LUMINAIRE - LED
44	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	25	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMINAIRE - LED
304	SF	WORK ZONE SIGNS (STATIONARY)	45	LF	6" WATER LINE
705	SF	WORK ZONE SIGNS (PORTABLE)	740	LF	8" WATER LINE
134	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	70	LF	12" WATER LINE
4	EA	FLASHING ARROW BOARD	60	LF	24" WATER LINE
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	1	EA	8" TAPPING VALVE
40	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	1	EA	12" TAPPING VALVE
300	EA	DRUMS	1	EA	**" WATER METER (1")
514	LF	BARRICADES (TYPE III)	1	EA	1-1/2" WATER METER
360	DAY	FLAGGER	1	EA	RELOCATE ** RPZ BACKFLOW PREVENTION ASSEMBLY (1-1/2")
1	EA	TEMPORARY CRASH CUSHIONS	1	EA	FIRE HYDRANT
1	EA	RESET TEMPORARY CRASH CUSHION	150	LF	ABANDON 12" UTILITY PIPE
1,000	LF	PORTABLE CONCRETE BARRIER	3	EA	GENERIC UTILITY ITEM ROTATE TOP FOR EXISTING MANHOLE (CONCENTRIC TOP)
450	LF	RESET PORTABLE CONCRETE BARRIER	3	EA	GENERIC UTILITY ITEM ROTATE TOP FOR EXISTING MANHOLE (ECCENTRIC TOP)
480	HR	LAW ENFORCEMENT	6,350	LF	TEMPORARY SILT FENCE
170	EA	SKINNY DRUM	600	TON	STONE FOR EROSION CONTROL, CLASS A
478	EA	TEMPORARY RAISED PAVEMENT MARKERS	525	TON	STONE FOR EROSION CONTROL, CLASS B
192	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	1,015	TON	SEDIMENT CONTROL STONE
1,109	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	3	ACR	TEMPORARY MULCHING
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	100	LB	SEED FOR TEMPORARY SEEDING
76	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
43,516	LF	PAINT PAVEMENT MARKING LINES (4")	275	LF	TEMPORARY SLOPE DRAINS
432	LF	PAINT PAVEMENT MARKING LINES (24")	100	LF	SAFETY FENCE
8	EA	PAINT PAVEMENT MARKING CHARACTER	1,720	CY	SILT EXCAVATION
114	EA	PAINT PAVEMENT MARKING SYMBOL	4,500	SY	MATTING FOR EROSION CONTROL
21,925	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)	25	SY	COIR FIBER MAT
3,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1,250	SY	PERMANENT SOIL REINFORCEMENT MAT
22	EA	PERMANENT RAISED PAVEMENT MARKERS	3,700	LF	1/4" HARDWARE CLOTH
456	EA	SNOWPLOWABLE PAVEMENT MARKERS	350	LF	COIR FIBER WATTLE
6	EA	**" HIGH MOUNT STANDARD (60')	115	LB	POLYACRYLAMIDE (PAM)
1	EA	PORTABLE DRIVE UNIT	400	LF	COIR FIBER BAFFLE
23.4	CY	HIGH MOUNT FOUNDATIONS	1	EA	**" SKIMMER (2")
25	EA	LIGHT STANDARD, TYPE MTLT ***** (35' SA, 15' ARM)	3	ACR	SEEDING & MULCHING
20	EA	STANDARD FOUNDATION ***** (TYPE R1)	1.5	ACR	MOWING
5	EA	STANDARD FOUNDATION ***** (TYPE R2)	50	LB	SEED FOR REPAIR SEEDING
1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)	0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	75	LB	SEED FOR SUPPLEMENTAL SEEDING
			2	TON	FERTILIZER TOPDRESSING
			10	MHR	SPECIALIZED HAND MOWING
			25	EA	RESPONSE FOR EROSION CONTROL
			12	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
			12,420	LF	SIGNAL CABLE
			86	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			6	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
			2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
			3,215	LF	MESSENGER CABLE (3/8")

4,580	LF	UNPAVED TRENCHING (***** (1, 2")
55	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
195	LF	DIRECTIONAL DRILL (***** (2, 2")
90	LF	DIRECTIONAL DRILL (***** (3, 2")
110	LF	DIRECTIONAL DRILL (***** (5, 2")
90	LF	DIRECTIONAL DRILL (***** (7, 2")
21	EA	JUNCTION BOX (STANDARD SIZE)
16	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
18	EA	WOOD POLE
36	EA	GUY ASSEMBLY
3	EA	1" RISER WITH WEATHERHEAD
7	EA	2" RISER WITH WEATHERHEAD
4,440	LF	INDUCTIVE LOOP SAWCUT
11,725	LF	LEAD-IN CABLE (***** (14-2)
4	EA	SITE SURVEY
11	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
4	EA	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT
6	EA	RELOCATE CAMERA SENSOR UNIT
8	EA	MODIFY RADIO INSTALLATION
4	EA	METAL STRAIN SIGNAL POLE
6	EA	METAL POLE WITH SINGLE MAST ARM
10	EA	SOIL TEST
60	CY	DRILLED PIER FOUNDATION
6	EA	MAST ARM WITH METAL POLE DE- SIGN
31	EA	SIGN FOR SIGNALS
16	EA	TYPE II PEDESTAL WITH FOUND- ATION
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
27	EA	DETECTOR CARD (TYPE 2070L)
3	EA	CABINET BASE EXTENDER
4	EA	METAL POLE FOUNDATION REMOVAL
8	EA	METAL POLE REMOVAL
4	EA	GENERIC SIGNAL ITEM PROTECTIVE BLACK COATING FOR METAL STRAIN POLE ASSEMBLY
16	EA	GENERIC SIGNAL ITEM PROTECTIVE BLACK COATING FOR PEDESTRIAN SIGNAL PEDESTAL
6	EA	GENERIC SIGNAL ITEM PROTECTIVE BLACK COATING FOR SINGLE MAST ARM ASSEMBLY

WALL ITEMS

1,359	SF	PRECAST GRAVITY RETAINING WALLS
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STRUCTURE ITEMS

668.63	LF	CONCRETE BARRIER RAIL
Lump Sum	LS	GENERIC STRUCTURE ITEM EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM FOAM JOINT SEALS
186	SY	GENERIC STRUCTURE ITEM HYDRODEMOLITION OF BRIDGE DECK
186	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 021

CONTRACT ID : C203364 38534.3.FD1

DIV OFFICE SYLVA

LENGTH = 0.022 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 11 2015

BRIDGE #72 OVER JONATHAN CREEK ON SR-1407.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (10+58.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
50	CY	UNDERCUT EXCAVATION
25	CY	SELECT GRANULAR MATERIAL
125	SY	GEOTEXTILE FOR SOIL STABILIZATION
362	SF	TEMPORARY SHORING
7	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
22	SY	FOUNDATION CONDITIONING GEOTEXTILE
64	LF	15" DRAINAGE PIPE
20	LF	PIPE REMOVAL
33	CY	SHALLOW UNDERCUT
63	TON	CLASS IV SUBGRADE STABILIZATION
65	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
60	GAL	PRIME COAT
45	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
160	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
13	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
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
87.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
50	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (AT-1)
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (TEMPORARY RETROFIT)
190	TON	RIP RAP, CLASS II
660	SY	GEOTEXTILE FOR DRAINAGE
40	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	DRUMS
20	EA	CONES
48	LF	BARRICADES (TYPE III)
640	HR	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
1	EA	TMA
120	LF	PORTABLE CONCRETE BARRIER
20	EA	SKINNY DRUM
300	LF	TEMPORARY SILT FENCE
110	TON	STONE FOR EROSION CONTROL, CLASS A
40	TON	STONE FOR EROSION CONTROL, CLASS B
75	TON	SEDIMENT CONTROL STONE
0.2	ACR	TEMPORARY MULCHING
40	LB	SEED FOR TEMPORARY SEEDING

0.2	TON	FERTILIZER FOR TEMPORARY SEEDING
100	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
40	CY	SILT EXCAVATION
100	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
50	SY	PERMANENT SOIL REINFORCEMENT MAT
150	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
10	LB	POLYACRYLAMIDE (PAM)
0.2	ACR	SEEDING & MULCHING
0.1	ACR	MOWING
20	LB	SEED FOR REPAIR SEEDING
0.05	TON	FERTILIZER FOR REPAIR SEEDING
20	LB	SEED FOR SUPPLEMENTAL SEEDING
0.05	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 ***** (10+58.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+58.00-L-)
92	CY	FOUNDATION EXCAVATION
42	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (10+58.00-L-)
82	CY	CLASS A CONCRETE (BRIDGE)
15,599	LB	REINFORCING STEEL (BRIDGE)
1,539	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
140.25	LF	VERTICAL CONCRETE BARRIER RAIL
220	TON	RIP RAP CLASS II (2'-0" THICK)
240	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
630	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 022

CONTRACT ID : C203365 38535.3.FD1

DIV OFFICE SYLVA

LENGTH = 0.179 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 8.0% COMPLETION DATE : DEC 11 2015

BRIDGE #35 OVER BALD CREEK ON SR-1503 (UPPER CRABTREE CREEK RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
100	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
200	SY	GEOTEXTILE FOR SOIL STABILIZATION
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
120	SY	FOUNDATION CONDITIONING GEOTEXTILE
60	LF	18" DRAINAGE PIPE
32	LF	15" SIDE DRAIN PIPE
32	LF	18" RC PIPE CULVERTS, CLASS IV
104	LF	24" RC PIPE CULVERTS, CLASS IV
104	LF	*** CS PIPE CULVERTS, ***** THICK (120", 0.138")
196	LF	PIPE REMOVAL
200	CY	SHALLOW UNDERCUT
125	TON	CLASS IV SUBGRADE STABILIZATION
1,129	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
870	GAL	PRIME COAT
290	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
580	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
65	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
525	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
275	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
800	LF	GENERIC FENCING ITEM BARBED WIRE FENCE RESET (ELECTRIC FENCE)
225	TON	RIP RAP, CLASS I
10	TON	RIP RAP, CLASS B
1,120	SY	GEOTEXTILE FOR DRAINAGE
128	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
30	EA	CONES
32	LF	BARRICADES (TYPE III)
480	HR	FLAGGER
45	EA	TEMPORARY RAISED PAVEMENT MARKERS
16,600	LF	PAINT PAVEMENT MARKING LINES (4")
800	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
10	EA	SNOWPLOWABLE PAVEMENT MARKERS
2,250	LF	TEMPORARY SILT FENCE
420	TON	STONE FOR EROSION CONTROL, CLASS A
295	TON	STONE FOR EROSION CONTROL, CLASS B
360	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING

200	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
800	LF	SAFETY FENCE
930	CY	SILT EXCAVATION
4,150	SY	MATTING FOR EROSION CONTROL
400	SY	COIR FIBER MAT
275	LF	1/4" HARDWARE CLOTH
325	LF	*** TEMPORARY PIPE (24")
8	EA	SPECIAL STILLING BASINS
400	LF	WATTLE
145	LB	POLYACRYLAMIDE (PAM)
485	LF	COIR FIBER BAFFLE
3	EA	*** SKIMMER (1-1/2")
2	ACR	SEEDING & MULCHING
0.85	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
150	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+16.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+16.00-L-)
225	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
337.6	CY	CLASS A CONCRETE (CULVERT)
41,125	LB	REINFORCING STEEL (CULVERT)
250	TON	RIP RAP, CLASS ** (I)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140318 023

CONTRACT ID : C203202 41534.3.FS1

DIV OFFICE SYLVA

LENGTH = 0.265 MI

COUNTY : HAYWOOD

REST AREA.

DBE GOAL 10.0% COMPLETION DATE : MAY 30 2016

US-23/74 SOUTHBOUND REST AREA ON NEW LOCATION AND RENOVATE EXISTING NORTHBOUND REST AREA.

ROADWAY ITEMS					
			2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			1	EA	*** SLUICE GATE (18")
			1	EA	*** SLUICE GATE (6")
			2	EA	GENERIC DRAINAGE ITEM RETICULINE FRAME & GRATE
			100	LF	***X *** CONCRETE CURB (8" X 12")
			3,330	LF	2'-6" CONCRETE CURB & GUTTER
			210	LF	SHOULDER BERM GUTTER
			4,525	SY	4" CONCRETE SIDEWALK
			17	EA	CONCRETE CURB RAMP
			11	SY	4" CONCRETE PAVED DITCH
			80	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			350	LF	REMOVE EXISTING GUARDRAIL
			150	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BEAM GUARDRAIL WITH PAINTED LAPS
			81.25	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BEAM GUARDRAIL WITH PAINTED LAPS, SHOP CURVED
			1	EA	GENERIC GUARDRAIL ITEM PAINTED GUARDRAIL ANCHOR UNITS, TYPE 350
			1	EA	GENERIC GUARDRAIL ITEM WEATHERING SB GUARDRAIL ANCHOR UNITS, TYPE AT-1 WITH PAINTED LAPS
			5	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL ADDITIONAL GUARDRAIL POSTS
			1,405	LF	CHAIN LINK FENCE, 48" FABRIC
			118	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
			7	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
			20	TON	RIP RAP, CLASS I
			860	SY	GEOTEXTILE FOR DRAINAGE
			2	CY	PLAIN CONCRETE SIGN FOUNDATIONS
			1,000	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			306	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			1	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
			1	EA	SIGN ERECTION, TYPE D
			20	EA	SIGN ERECTION, TYPE E
			4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			1	EA	SIGN ERECTION, MILEMARKERS
			3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
			3	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			122	SF	WORK ZONE SIGNS (STATIONARY)
			159	SF	WORK ZONE SIGNS (PORTABLE)
			20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW BOARD
			1	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			150	EA	DRUMS
			48	LF	BARRICADES (TYPE III)
			2	EA	TMA
			44	EA	SKINNY DRUM
			181	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			30	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			16	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			5,638	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
1	EA	SEALING ABANDONED WELLS			
39,300	CY	UNCLASSIFIED EXCAVATION			
300	CY	UNDERCUT EXCAVATION			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
Lump Sum	LS	GRADING			
420	CY	DRAINAGE DITCH EXCAVATION			
10	HR	PROOF ROLLING			
100	CY	SELECT GRANULAR MATERIAL			
3,100	SY	GEOTEXTILE FOR SOIL STABILIZATION			
Lump Sum	LS	GENERIC GRADING ITEM HAZARDOUS SPILL BASIN/BIORETENTION BASIN			
280	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
860	SY	FOUNDATION CONDITIONING GEOTEXTILE			
56	LF	15" RC PIPE CULVERTS, CLASS III			
168	LF	18" RC PIPE CULVERTS, CLASS III			
96	LF	24" RC PIPE CULVERTS, CLASS III			
1,956	LF	15" RC PIPE CULVERTS, CLASS IV			
180	LF	18" RC PIPE CULVERTS, CLASS IV			
40	LF	*** CS PIPE CULVERTS, ***** THICK (60", 0.138")			
76	LF	15" CS PIPE CULVERTS, 0.064" THICK			
1	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")			
40	LF	PIPE REMOVAL			
2,000	CY	SHALLOW UNDERCUT			
3,780	TON	CLASS IV SUBGRADE STABILIZATION			
250	TON	STABILIZER AGGREGATE			
165	TON	AGGREGATE BASE COURSE			
300	TON	INCIDENTAL STONE BASE			
1,715	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
2,780	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
1,980	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
1,530	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
310	TON	ASPHALT BINDER FOR PLANT MIX			
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
750	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
232	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (8-1/2")			
100.8	CY	SUBDRAIN EXCAVATION			
50.4	CY	SUBDRAIN FINE AGGREGATE			
300	LF	6" PERFORATED SUBDRAIN PIPE			
1	EA	SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE			
5.9	CY	REINFORCED ENDWALLS			
35	EA	MASONRY DRAINAGE STRUCTURES			
12.4	CY	MASONRY DRAINAGE STRUCTURES			
11	EA	FRAME WITH TWO GRATES, STD 840.24			
4	EA	FRAME WITH TWO GRATES, STD 840.29			
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			

			540	TON	STONE FOR EROSION CONTROL, CLASS A
			460	TON	STONE FOR EROSION CONTROL, CLASS B
100	LF	PAINT PAVEMENT MARKING LINES (24")	635	TON	SEDIMENT CONTROL STONE
2,284	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)	76	ACR	TEMPORARY MULCHING
334	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)	1,850	LB	SEED FOR TEMPORARY SEEDING
13	EA	SNOWPLOWABLE PAVEMENT MARKERS	8.25	TON	FERTILIZER FOR TEMPORARY SEEDING
19	EA	STANDARD FOUNDATION ***** (R1)	200	LF	TEMPORARY SLOPE DRAINS
50	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	1,000	LF	SAFETY FENCE
60	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	1,500	CY	SILT EXCAVATION
30	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")	13,000	SY	MATTING FOR EROSION CONTROL
140	LF	** #8 W/G FEEDER CIRCUIT (2)	100	SY	COIR FIBER MAT
5,450	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1 1/2)	1,050	LF	1/4" HARDWARE CLOTH
7	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	70	LF	WATTLE
1	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)	140	LF	COIR FIBER WATTLE
1	EA	ELECTRICAL JUNCTION BOXES ***** (PC36)	180	LB	POLYACRYLAMIDE (PAM)
19	EA	GENERIC LIGHTING ITEM DAVIT STYLE LGT STD, MH 35', SA 6'	250	LF	COIR FIBER BAFFLE
1	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, TYPE RA 120/240	2	EA	** SKIMMER (1-1/2")
15	EA	GENERIC LIGHTING ITEM POST TOP LIGHT STANDARD	56	ACR	SEEDING & MULCHING
15	EA	GENERIC LIGHTING ITEM PT LUMINAIRES, LED, TYPE V	50	ACR	MOWING
19	EA	GENERIC LIGHTING ITEM RDW LUMINAIRES, LED, TYPE III	900	LB	SEED FOR REPAIR SEEDING
15	EA	GENERIC LIGHTING ITEM STD FOUNDATION, TYPE R1S	2.1	TON	FERTILIZER FOR REPAIR SEEDING
330	LF	3" WATER LINE	1,250	LB	SEED FOR SUPPLEMENTAL SEEDING
2,025	LF	6" WATER LINE	2,480	SY	SODDING
1	EA	*** VALVE (1-1/2")	36	TON	FERTILIZER TOPDRESSING
2	EA	*** VALVE (3")	10	MHR	SPECIALIZED HAND MOWING
4	EA	*** VALVE (3/4")	100	EA	RESPONSE FOR EROSION CONTROL
1	EA	6" VALVE	0.5	ACR	REFORESTATION
1	EA	6" TAPPING VALVE	3	ACR	GENERIC EROSION CONTROL ITEM SEEDING & MULCHING BLUEGRASS FESCUE MIX REST AREA LAWN
6	EA	2" AIR RELEASE VALVE	30	EA	GENERIC PLANTING ITEM BOULDERS
1	EA	1-1/2" WATER METER	5	EA	GENERIC PLANTING ITEM STEPPING STONE
1	EA	FIRE HYDRANT	145	CY	MULCH FOR PLANTING
375	LF	4" SANITARY GRAVITY SEWER	20	M/G	WATER FOR PLANTING
400	LF	12" SANITARY GRAVITY SEWER	1,300	SY	POSTEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
17,482	LF	*** FORCE MAIN SEWER (3")	1,300	SY	PREEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
6	EA	SANITARY SEWER CLEAN-OUT	Lump Sum	LS	GENERIC PLANTING ITEM (LS) BOULDER WATER FEATURE
3	EA	4" DIA UTILITY MANHOLE	Lump Sum	LS	GENERIC PLANTING ITEM (LS) LANDSCAPE PLANTING (NBL)
370	LF	6" ENCASEMENT PIPE	Lump Sum	LS	GENERIC PLANTING ITEM (LS) LANDSCAPE PLANTING (SBL)
90	LF	12" ENCASEMENT PIPE	Lump Sum	LS	GENERIC PLANTING ITEM (LS) SPECIAL SIDEWALK CULVERT
280	LF	16" ENCASEMENT PIPE	2,130	SF	GENERIC PLANTING ITEM PAVERS
425	LF	TRENCHLESS INSTALLATION OF 3" IN SOIL	350	SF	GENERIC PLANTING ITEM SEGMENTED RETAINING WALL
425	LF	TRENCHLESS INSTALLATION OF 3" NOT IN SOIL	7	TON	GENERIC PLANTING ITEM RIVER STONE
45	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL	190	CY	GENERIC PLANTING ITEM 12 MONTH AGED HARDWOOD MULCH
45	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL	300	LF	GENERIC PLANTING ITEM TREE PROTECTION FENCE
140	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL	1,350	LF	GENERIC PLANTING ITEM WORMSTYLE FENCING
140	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL	6	CY	CONCRETE STEPS
4	EA	GENERIC UTILITY ITEM 3" PLUG VALVE	28	LF	HANDRAIL ON STEPS
2	EA	GENERIC UTILITY ITEM FORCE MAIN FLUSHING CONNECTION	100	CY	TOPSOIL
455	LF	GENERIC UTILITY ITEM 3/4" PVC WATER PIPE, SCH 80	3	EA	PICNIC TABLE, TERRAZZO & STEEL
Lump Sum	LS	GENERIC UTILITY ITEM NORTHBOUND SEWER PUMP STATION	3	EA	OUTDOOR PARK STOVE
Lump Sum	LS	GENERIC UTILITY ITEM SOUTHBOUND SEWER PUMP STATION	3	EA	3/4" POST TYPE YARD HYDRANT
4,815	LF	TEMPORARY SILT FENCE	3	EA	GENERIC REST AREA ITEM FLAGPOLE
			4	EA	GENERIC REST AREA ITEM FLAGPOLE & SIGN LIGHTING
			5	EA	GENERIC REST AREA ITEM PICNIC SHELTER, SINGLE PICNIC TABLE STONE VENEER BASE
			10	EA	GENERIC REST AREA ITEM RECYCLING CONTAINER
			7	EA	GENERIC REST AREA ITEM SITTING BENCH
			10	EA	GENERIC REST AREA ITEM WASTE CONTAINER
			4	EA	GENERIC REST AREA ITEM WHEEL STOPS @ H/C PARKING
			Lump Sum	LS	GENERIC REST AREA ITEM (NBL) REST AREA - SOLAR WATER HEATING SYSTEM
			Lump Sum	LS	GENERIC REST AREA ITEM (SBL) REST AREA - SOLAR WATER HEATING SYSTEM
			Lump Sum	LS	GENERIC REST AREA ITEM ELECTRICAL INSTALLATION FOR (NBL) REST AREA BUILDING

Lump Sum	LS	GENERIC REST AREA ITEM ELECTRICAL INSTALLATION FOR (SBL) REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM ELECTRICAL INSTALLATION FOR (SBL) STORAGE BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM GENERAL CONSTRUCTION OF (SBL) REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM GENERAL CONSTRUCTION OF (SBL) STORAGE BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM GENERAL RENOVATION OF (NBL) REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM LANDSCAPE GRADING (NBL)
Lump Sum	LS	GENERIC REST AREA ITEM LANDSCAPE GRADING (SBL)
Lump Sum	LS	GENERIC REST AREA ITEM MECHANICAL INSTALLATION FOR (NBL) REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM MECHANICAL INSTALLATION FOR (SBL) REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM PLUMBING INSTALLATION OF (NBL) REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM PLUMBING INSTALLATION OF (SBL) REST AREA BUILDING
Lump Sum	LS	GENERIC REST AREA ITEM SITE DEMOLITION (NBL)
Lump Sum	LS	GENERIC REST AREA ITEM SPECIAL REST AREA SIGNAGE
Lump Sum	LS	GENERIC REST AREA ITEM STORMWATER DRAINAGE SYSTEM (NBL)
Lump Sum	LS	GENERIC REST AREA ITEM STORMWATER DRAINAGE SYSTEM (SBL)
1,790	LF	GENERIC REST AREA ITEM LANDSCAPE METAL EDGING
470	LF	GENERIC REST AREA ITEM STONE SEATWALL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140318 024

CONTRACT ID : C203454 44097.3.D4

DIV OFFICE SYLVA

LENGTH = 0.474 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.

MBE GOAL 2.0% WBE 7.0% COMPLETION DATE : JUN 17 2015

ACCESS ROAD FROM US-19/74/129 AND SR-1366 EAST TO THE EBCI TRIBAL BOUNDARY NEAR MURPHY.

ROADWAY ITEMS					
			20	SY	6" CONCRETE DRIVEWAY
			480	SY	4" CONCRETE PAVED DITCH
			330	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	325	SY	GENERIC PAVING ITEM
			1,800	LF	7" CONCRETE TRUCK APRON
262,600	CY	UNCLASSIFIED EXCAVATION	212.5	LF	STEEL BM GUARDRAIL
5,900	CY	UNDERCUT EXCAVATION			STEEL BM GUARDRAIL, SHOP CURVED
30	CY	DRAINAGE DITCH EXCAVATION	5	EA	ADDITIONAL GUARDRAIL POSTS
1	HR	PROOF ROLLING	1	EA	GUARDRAIL ANCHOR UNITS, TYPE *****
4,000	CY	SELECT GRANULAR MATERIAL			(III, SHOP CURVED)
2,300	SY	GEOTEXTILE FOR SOIL STABILIZATION	1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
Lump Sum	LS	GENERIC GRADING ITEM ENERGY DISSIPATOR BASIN	1	EA	GUARDRAIL ANCHOR UNITS, TYPE III
320	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,010	SY	FOUNDATION CONDITIONING GEOTEXTILE	94	LF	REMOVE EXISTING GUARDRAIL
80	LF	15" DRAINAGE PIPE	335	TON	RIP RAP, CLASS I
844	LF	15" RC PIPE CULVERTS, CLASS III	35	TON	RIP RAP, CLASS B
220	LF	18" RC PIPE CULVERTS, CLASS III	1,240	SY	GEOTEXTILE FOR DRAINAGE
			790	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
628	LF	24" RC PIPE CULVERTS, CLASS III	3	EA	SUPPORTS, BARRIER (SMALL)
904	LF	30" RC PIPE CULVERTS, CLASS III	66	EA	SIGN ERECTION, TYPE E
328	LF	*** CS PIPE CULVERTS, ***** THICK (30", 0.138")	1	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			439	SF	WORK ZONE SIGNS (STATIONARY)
3	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.138")	84	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS	FINE GRADING	2	EA	FLASHING ARROW BOARD
200	CY	SHALLOW UNDERCUT	3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
400	TON	CLASS IV SUBGRADE STABILIZATION	97	EA	DRUMS
200	TON	INCIDENTAL STONE BASE	48	LF	BARRICADES (TYPE III)
650	SY	INCIDENTAL MILLING	1	EA	TEMPORARY CRASH CUSHIONS
3,250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1,137	LF	PORTABLE CONCRETE BARRIER
2,790	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	4,061	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,740	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	10,120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
445	TON	ASPHALT BINDER FOR PLANT MIX	164	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	65	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
672.9	CY	SUBDRAIN EXCAVATION	90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
504.7	CY	SUBDRAIN FINE AGGREGATE	551	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
3,004	LF	6" PERFORATED SUBDRAIN PIPE	52	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
7	EA	SUBDRAIN PIPE OUTLET	971	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
42	LF	6" OUTLET PIPE	178	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)
41	EA	MASONRY DRAINAGE STRUCTURES	4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)
21.5	LF	MASONRY DRAINAGE STRUCTURES	10	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
1	EA	FRAME WITH TWO GRATES, STD 840.16	160	LF	PAINT PAVEMENT MARKING LINES (4")
6	EA	FRAME WITH TWO GRATES, STD 840.24	55	EA	PERMANENT RAISED PAVEMENT MARKERS
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	145	EA	SNOWFLOWABLE PAVEMENT MARKERS
14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	3,310	LF	TEMPORARY SILT FENCE
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	160	TON	STONE FOR EROSION CONTROL, CLASS A
1	EA	FRAME WITH COVER, STD 840.54	690	TON	STONE FOR EROSION CONTROL, CLASS B
1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	1,940	TON	SEDIMENT CONTROL STONE
330	LF	1'-6" CONCRETE CURB & GUTTER	18	ACR	TEMPORARY MULCHING
5,510	LF	2'-6" CONCRETE CURB & GUTTER	1,200	LB	SEED FOR TEMPORARY SEEDING
56	LF	SHOULDER BERM GUTTER	6.5	TON	FERTILIZER FOR TEMPORARY SEEDING
1	EA	MODIFIED CONCRETE FLUME	550	LF	TEMPORARY SLOPE DRAINS
1,930	SY	4" CONCRETE SIDEWALK			
8	EA	CONCRETE CURB RAMP			

100	LF	SAFETY FENCE
1,250	CY	SILT EXCAVATION
40,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
710	SY	PERMANENT SOIL REINFORCEMENT MAT
2,650	LF	1/4" HARDWARE CLOTH
25	LF	TEMPORARY PIPE FOR STREAM CROSSING
160	LB	POLYACRYLAMIDE (PAM)
200	LF	COIR FIBER BAFFLE
2	EA	** SKIMMER (1-1/2")
10	ACR	SEEDING & MULCHING
10	ACR	MOWING
200	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
375	LB	SEED FOR SUPPLEMENTAL SEEDING
11.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
1,115	LF	SIGNAL CABLE
9	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
550	LF	MESSENGER CABLE (3/8")
970	LF	UNPAVED TRENCHING (***** (2, 2")
14	EA	JUNCTION BOX (STANDARD SIZE)
1,040	LF	INDUCTIVE LOOP SAWCUT
3,870	LF	LEAD-IN CABLE (***** (14-2)
4	EA	METAL STRAIN SIGNAL POLE
4	EA	SOIL TEST
32	CY	DRILLED PIER FOUNDATION
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
7	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER
4	EA	GENERIC SIGNAL ITEM STRAIN POLE ASSEMBLY WITH PROTECTIVE COATING
4,114	SF	MSE RETAINING WALL NO **** (1)
3,694	SF	MSE RETAINING WALL NO **** (2)
1,316	SF	SOIL NAIL RETAINING WALLS
2,534	SF	SOLDIER PILE RETAINING WALLS
1	EA	SOIL NAIL VERIFICATION TESTS
12	EA	SOIL NAIL PROOF TESTS