

**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 JUNE 17, 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 MAY 20, 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	Reuben Chandler, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L140617

RPN	Contract Id	WBS	County	Length	JobType
*001	C203399	34821.3.S6	GUILFORD	5.491 MI	GRADING, DRAINAGE, PAVING, SIGNALS, RET WALL AND STRUCTURES.
002	C203413	34548.3.FR1	WASHINGTON	3.333 MI	GRADING, DRAINAGE, PAVING, ITS, AND CULVERT.
003	C203458	34927.3.FD2	NASH	1.109 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
004	C203360	35029.3.D1	WAKE	0.941 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
005	C203361	35196.3.FS22	CUMBERLAND	6.826 MI	PAVING, SIGNALS AND SIGNING.
006	C203569	6CR.10261.81	ETC.CUMBERLAND, HARNETT	51.760 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
007	C203548	6CR.10781.81	ETC.ROBESON	44.590 MI	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
008	C203412	34483.3.FR2	GUILFORD	0.783 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
009	C203410	38433.3.FD1	RANDOLPH	0.218 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C203570	8CR.10191.24	ETC.CHATHAM	15.438 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
011	C203572	8CR.10531.24	ETC.LEE	13.296 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
012	C203571	8CR.10831.24	ETC.SCOTLAND, HOKE	21.517 MI	MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.
013	C203560	9CR.10291.150	ETC.DAVIDSON, ROWAN	38.949 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
014	C203568	9CR.10341.150	ETC.FORSYTH	22.528 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
015	C203558	17BP.9.P.3	DAVIDSON, ROWAN, FORSYTH, DAVIE	0.000 MI	BRIDGE PRESERVATION.
016	C203437	43761.3.1	WATAUGA	0.485 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
017	C203411	40095.3.FD1	BURKE	0.145 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
018	C203393	34599.2.FR1	HAYWOOD	0.777 MI	GRADING, DRAINAGE, PAVING, SIGNALS, WALL, RAIL, & STRS.
019	C203409	38408.3.FS1	JACKSON	0.421 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

*PLEASE NOTE: C203399 GUILFORD COUNTY U-2525B HAS A CHANGE IN PRICING. LARGE PLANS ARE \$200.00. SMALL PLANS AND CROSS SECTIONS ARE \$60.00 EACH.

ROADWAY ITEMS			119	EA	*** SIDE DRAIN PIPE ELBOWS (15")
			6	EA	*** SIDE DRAIN PIPE ELBOWS (18")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
5.25	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	200	LF	*** RC PIPE CULVERTS, CLASS (18", V)
5	EA	SEALING ABANDONED WELLS			
1,279,300	CY	UNCLASSIFIED EXCAVATION	356	LF	*** RC PIPE CULVERTS, CLASS (30", V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (129+37.56 -L- LT)	272	LF	*** RC PIPE CULVERTS, CLASS (48", V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (129+37.56 -L- RT)	320	LF	*** RC PIPE CULVERTS, CLASS (60", V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+99.25 -L- LT)	652	LF	*** RC PIPE CULVERTS, CLASS (66", V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (144+60.63 -L- RT)	76	LF	12" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (144+90.00 -L- LT)	3,280	LF	15" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+69.08-Y11- CL)	3,124	LF	18" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+56.70 -Y4- CL)	1,984	LF	24" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+17.64 -Y22- LT)	264	LF	30" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+17.64 -Y22- RT)	712	LF	36" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+17.64 -Y22- RT)	196	LF	42" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+21.65 -L- LT)	220	LF	48" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+21.65 -L- RT)	232	LF	54" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+21.65 -L- RT)	388	LF	66" RC PIPE CULVERTS, CLASS III
15,000	CY	UNDERCUT EXCAVATION	136	LF	*** RC PIPE CULVERTS, CLASS IV (48")
2,188,200	CY	BORROW EXCAVATION	260	LF	*** RC PIPE CULVERTS, CLASS IV (60")
2	EA	EMBANKMENT SETTLEMENT GAUGES			
24,195	CY	DRAINAGE DITCH EXCAVATION	9,164	LF	15" RC PIPE CULVERTS, CLASS IV
2,570	LF	BERM DITCH CONSTRUCTION	1,828	LF	18" RC PIPE CULVERTS, CLASS IV
47,700	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,044	LF	24" RC PIPE CULVERTS, CLASS IV
12,350	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	484	LF	30" RC PIPE CULVERTS, CLASS IV
5,300	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	292	LF	36" RC PIPE CULVERTS, CLASS IV
600	SY	BREAKING OF EXISTING CONCRETE PAVEMENT	248	LF	42" RC PIPE CULVERTS, CLASS IV
55	HR	PROOF ROLLING	8	LF	6" CS PIPE CULVERTS, 0.064" THICK (SPRING BOX)
17,000	CY	SELECT GRANULAR MATERIAL	80	LF	*** WELDED STEEL PIPE, **** THICK, GRADE B IN SOIL (18", 0.250")
36,300	SY	GEOTEXTILE FOR SOIL STABILIZA-TION	5,720	LF	PIPE REMOVAL
254	SF	TEMPORARY SHORING	Lump Sum	LS	FINE GRADING
280	TON	ROCK EMBANKMENTS	111,600	SY	LIME TREATED SOIL (SLURRY METHOD)
160	SY	GEOTEXTILE FOR ROCK EMBANK-MENTS	1,120	TON	LIME FOR LIME TREATED SOIL
230	SY	ROCK PLATING	780	TON	#57 STONE
175	TON	GENERIC GRADING ITEM	500	TON	STABILIZER AGGREGATE
5,912	TON	HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	110,341	SY	GEOTEXTILE FOR PAVEMENT STA-BILIZATION
18,407	SY	FOUNDATION CONDITIONING MATE-RIAL, MINOR STRUCTURES	95,000	TON	AGGREGATE BASE COURSE
484	LF	FOUNDATION CONDITIONING GEO-TEXTILE	111,600	SY	SOIL CEMENT BASE
304	LF	*** SIDE DRAIN PIPE (30")	3,070	TON	PORTLAND CEMENT FOR SOIL CE-MENT BASE
48	LF	*** SIDE DRAIN PIPE (36")	33,480	GAL	ASPHALT CURING SEAL
		*** SIDE DRAIN PIPE (42")	5,110	TON	INCIDENTAL STONE BASE
13,484	LF	15" SIDE DRAIN PIPE	24,000	GAL	PRIME COAT
2,440	LF	18" SIDE DRAIN PIPE	3,030	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
3,696	LF	24" SIDE DRAIN PIPE	7,900	SY	INCIDENTAL MILLING
			9,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B

			2,100	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1,000	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
32,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	6	EA	ADJUSTMENT OF DROP INLETS
12,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	6	EA	ADJUSTMENT OF MANHOLES
17,800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
17,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
26,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	18	EA	IMPACT ATTENUATOR UNIT, TYPE 350
16,000	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	57,500	LF	STEEL BM GUARDRAIL
7,410	TON	ASPHALT BINDER FOR PLANT MIX	175	LF	STEEL BM GUARDRAIL, SHOP CURVED
18,000	TON	PERMEABLE ASPHALT DRAINAGE COURSE, TYPE P-57	8	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	50	EA	ADDITIONAL GUARDRAIL POSTS
45,000	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	46	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
137,500	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (10")	6	EA	GUARDRAIL ANCHOR UNITS, TYPE III
83,000	LF	GENERIC PAVING ITEM MILLED RUMBLE STRIPS (CONCRETE SHOULDER)	100	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
131,000	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT	23	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
50,700	SY	GENERIC PAVING ITEM VARIABLE DEPTH CONCRETE SHOULDER ADJACENT TO 10" PAVEMENT - MIN 7" THICKNESS	53	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT	100	LF	REMOVE & RESET EXISTING GUARDRAIL
22,400	SY	CONCRETE SHOULDERS ADJACENT TO ***** PAVEMENT (10")	3,695	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	1,875	LF	TEMPORARY STEEL BM GUARDRAIL
400	EA	RIGHT OF WAY MARKERS	4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
17,500	CY	SUBDRAIN EXCAVATION	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)
8,800	CY	SUBDRAIN FINE AGGREGATE	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (M-350)
52,000	LF	6" PERFORATED SUBDRAIN PIPE	2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
104	EA	SUBDRAIN PIPE OUTLET	18,100	LF	CABLE GUIDERAIL
624	LF	6" OUTLET PIPE	30	EA	ADDITIONAL GUIDERAIL POSTS
42,700	LF	SHOULDER DRAIN	36	EA	CABLE GUIDERAIL ANCHOR UNITS
42,700	LF	4" SHOULDER DRAIN PIPE	2	EA	GENERIC GUARDRAIL ITEM TEMP IMPACT ATTENUATOR UNIT, TYPE 350
2,390	LF	4" OUTLET PIPE FOR SHOULDER DRAINS	10	EA	GENERIC GUARDRAIL ITEM TEMPORARY ADDITIONAL GUARDRAIL POSTS
50	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	68,300	LF	WOVEN WIRE FENCE, 47" FABRIC
20	TON	BLOTTING SAND	4,410	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
2	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	1,110	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
51	CY	ENDWALLS	700	LF	CHAIN LINK FENCE, *** FABRIC (72")
42	CY	REINFORCED ENDWALLS	60	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
10	CY	PIPE COLLARS	4	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
2	CY	PIPE PLUGS	1,000	LF	ADDITIONAL BARBED WIRE
10	CY	FLOWABLE FILL	2	EA	SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (47", 12', 12')
338	EA	MASONRY DRAINAGE STRUCTURES	1	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (47", 10', 20')
9	CY	MASONRY DRAINAGE STRUCTURES	640	LF	WOVEN WIRE FENCE RESET
30	LF	MASONRY DRAINAGE STRUCTURES	830	LF	BARBED WIRE FENCE RESET
12	EA	FRAME WITH TWO GRATES, STD 840.16	400	LF	CHAIN LINK FENCE RESET
93	EA	FRAME WITH TWO GRATES, STD 840.20	740	TON	RIP RAP, CLASS I
154	EA	FRAME WITH TWO GRATES, STD 840.22	60	TON	RIP RAP, CLASS A
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	3,197	TON	RIP RAP, CLASS B
20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	975	TON	BOULDERS
26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	50,861	SY	GEOTEXTILE FOR DRAINAGE
15	EA	FRAME WITH COVER, STD 840.54	15	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
5	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	43	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
13	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	348	CY	OVERHEAD FOOTING
3,700	LF	1'-6" CONCRETE CURB & GUTTER	27,630	LB	SUPPORTS, BREAKAWAY STEEL BEAM
10,400	LF	2'-6" CONCRETE CURB & GUTTER	2,459	LB	SUPPORTS, SIMPLE STEEL BEAM
23,000	LF	SHOULDER BERM GUTTER	7,484	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	MODIFIED CONCRETE FLUME	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (100+00 -Y13-)
2,500	SY	4" CONCRETE SIDEWALK	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (123+00 -L-)
13	EA	CONCRETE CURB RAMP			
700	SY	6" CONCRETE DRIVEWAY			
125	SY	4" CONCRETE PAVED DITCH			

			19	EA	SIGN ERECTION, TYPE *** (OVER-HEAD) (B)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (127+50 -Y13-)	29	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (135+50 -L-)	13	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (187+50 -L-)	36	EA	SIGN ERECTION, MILEMARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (241+60 -L-)	7	EA	DISPOSAL OF SIGN SYSTEM, OVER-HEAD
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (251+50 -L-)	3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (28+00 -L-)	106	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (29+00 -I13CD-)	47	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (30+00 -Y13RPC-)	1	EA	DISPOSAL OF SIGN, A, B OR C (GROUND MOUNTED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (36+50 -Y13-)	5	EA	DISPOSAL OF SIGN, D, E OR F
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (39+00 -L-)	18	EA	DISPOSAL OF LIGHTING SYSTEM
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (47+00 -L-)	18	EA	DISPOSAL OF WALKWAY
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (48+50 -Y13-)	5,773	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (65+00 -Y13-)	2,982	SF	WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (69+00 -L-)	1,531	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (77+50 -Y13-)	10	EA	FLASHING ARROW BOARD
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (8+00 -Y13-)	8	EA	PORTABLE CHANGEABLE MESSAGE SIGN
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (90+75 -Y13-)	32	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (94+25 -L-)	926	EA	DRUMS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (A AT 75' WEST OF EXISTING STRUCTURE)	298	EA	CONES
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (AC AT 50' WEST OF EXISTING STRUCTURE)	2,389	LF	BARRICADES (TYPE III)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (AD AT 500' SOUTH OF EXISTING OVERHEAD ASSEMBLY 'PP')	256	DAY	FLAGGER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (B ON RAMP TO I-85 SB & I-785 NB)	10	EA	TEMPORARY CRASH CUSHIONS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (C AT 50' EAST OF EXISTING STRUCTURE)	6	EA	RESET TEMPORARY CRASH CUSHION
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (D AT 50' EAST OF EXISTING STRUCTURE)	14	EA	TMA
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (E AT 100' EAST OF EXISTING STRUCTURE)	3,190	LF	PORTABLE CONCRETE BARRIER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (F AT 400' WEST OF EXISTING STRUCTURE)	5,565	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (G AT 100' WEST OF EXISTING STRUCTURE)	4,500	LF	RESET PORTABLE CONCRETE BARRIER
30	EA	SIGN ERECTION, TYPE D	240	HR	LAW ENFORCEMENT
277	EA	SIGN ERECTION, TYPE E	385	EA	SKINNY DRUM
34	EA	SIGN ERECTION, TYPE F	1,289	EA	TEMPORARY RAISED PAVEMENT MARKERS
28	EA	SIGN ERECTION, TYPE *** (OVER-HEAD) (A)	56,688	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			53,535	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			79,984	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
			11,812	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
			1,987	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			982	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			12,941	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
			1,059	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			120	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			4,405	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
			112	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)
			737	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)
			4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)
			15	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
			482,552	LF	PAINT PAVEMENT MARKING LINES (4")
			32,852	LF	PAINT PAVEMENT MARKING LINES (8")
			1,277	LF	PAINT PAVEMENT MARKING LINES (24")
			174	EA	PAINT PAVEMENT MARKING SYMBOL
			109,493	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
			5,510	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)

			1	EA	2" AIR RELEASE VALVE
			2	EA	6" BLOW OFF
			9	EA	FIRE HYDRANT
			4	EA	RELOCATE FIRE HYDRANT
35,649	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	330	LF	10" SANITARY GRAVITY SEWER
1,438	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	435	LF	18" SANITARY GRAVITY SEWER
59	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	949	LF	*** FORCE MAIN SEWER (30")
15	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	236	LF	*** FORCE MAIN SEWER (54")
6,828	LF	GENERIC PAVEMENT MARKING ITEM TEMPORARY RUMBLE STRIPS	4	EA	5' DIA UTILITY MANHOLE
45	EA	PERMANENT RAISED PAVEMENT MARKERS	15	LF	UTILITY MANHOLE WALL, 5' DIA
2,804	EA	SNOWPLOWABLE PAVEMENT MARKERS	175	LF	ABANDON 10" UTILITY PIPE
21	EA	OBJECT MARKERS (END OF ROAD)	873	LF	ABANDON 12" UTILITY PIPE
1	EA	80' HIGH MOUNT STANDARD	430	LF	ABANDON 18" UTILITY PIPE
1	EA	120' HIGH MOUNT STANDARD	2,295	LF	ABANDON 30" UTILITY PIPE
1	EA	PORTABLE DRIVE UNIT	1	EA	REMOVE FIRE HYDRANT
28	CY	HIGH MOUNT FOUNDATIONS	2	EA	ABANDON UTILITY MANHOLE
8	EA	HIGH MOUNT LUMINAIRES ***** (400W HPS)	599	LF	*** ENCASEMENT PIPE (48")
8	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)	230	LF	*** ENCASEMENT PIPE (60")
6	EA	STANDARD FOUNDATION ***** (TYPE R1)	94	LF	*** ENCASEMENT PIPE (72")
2	EA	STANDARD FOUNDATION ***** (TYPE R2)	4,458	LF	24" ENCASEMENT PIPE
1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)	1,370	LF	30" ENCASEMENT PIPE
100	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	353	LF	36" ENCASEMENT PIPE
200	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	75	LF	TRENCHLESS INSTALLATION OF *** IN SOIL (48")
370	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	75	LF	TRENCHLESS INSTALLATION OF *** NOT IN SOIL (48")
110	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (6")	1,293	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
180	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")	1,292	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL
170	LF	** #6 W/G FEEDER CIRCUIT (2")	425	LF	TRENCHLESS INSTALLATION OF 30" IN SOIL
560	LF	** #4 W/G FEEDER CIRCUIT (2")	425	LF	TRENCHLESS INSTALLATION OF 30" NOT IN SOIL
390	LF	** #2 W/G FEEDER CIRCUIT (2")	176.5	LF	TRENCHLESS INSTALLATION OF 36" IN SOIL
190	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)	176.5	LF	TRENCHLESS INSTALLATION OF 36" NOT IN SOIL
520	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)	148,000	LF	TEMPORARY SILT FENCE
3,710	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)	6,460	TON	STONE FOR EROSION CONTROL, CLASS A
2,600	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)	63,380	TON	STONE FOR EROSION CONTROL, CLASS B
16	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	57,265	TON	SEDIMENT CONTROL STONE
3	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)	700	ACR	TEMPORARY MULCHING
Lump Sum	LS	PORTABLE LIGHTING	18,550	LB	SEED FOR TEMPORARY SEEDING
1	EA	GENERIC LIGHTING ITEM	76.5	TON	FERTILIZER FOR TEMPORARY SEED-ING
		RELOCATE CONTROL SYSTEM	24,000	LF	TEMPORARY SLOPE DRAINS
2	EA	GENERIC LIGHTING ITEM	43,400	LF	SAFETY FENCE
		RELOCATE HIGH MOUNT STANDARD	112,850	CY	SILT EXCAVATION
8	EA	GENERIC LIGHTING ITEM	200,000	SY	MATting FOR EROSION CONTROL
		RELOCATE LIGHT STANDARD	4,000	SY	COIR FIBER MAT
14	EA	GENERIC LIGHTING ITEM	10,500	SY	PERMANENT SOIL REINFORCEMENT MAT
		REMOVE LIGHT STANDARD	25,710	LF	1/4" HARDWARE CLOTH
8	EA	GENERIC LIGHTING ITEM	250	LF	TEMPORARY PIPE FOR STREAM CROSSING
		REPLACE LUMINAIRE (HIGH MAST)	1,025	SY	FLOATING TURBIDITY CURTAIN
8	EA	GENERIC LIGHTING ITEM	1,130	CY	STILLING BASINS
		REPLACE LUMINAIRE (SINGLE ARM)	100	EA	SPECIAL STILLING BASINS
165	LF	6" WATER LINE	34,200	LF	COIR FIBER WATTLE
2,899	LF	8" WATER LINE	27,460	LB	POLYACRYLAMIDE (PAM)
3,803	LF	12" WATER LINE	20,000	LF	COIR FIBER BAFFLE
4,504	LF	16" WATER LINE	60	EA	*** SKIMMER (1-1/2")
3,957	LF	30" WATER LINE	5	EA	*** SKIMMER (2")
9	EA	6" VALVE	1	EA	*** SKIMMER (2-1/2")
2	EA	8" VALVE	633	ACR	SEEDING & MULCHING
1	EA	10" VALVE	300	ACR	MOWING
6	EA	12" VALVE	8,100	LB	SEED FOR REPAIR SEEDING
5	EA	16" VALVE	26.5	TON	FERTILIZER FOR REPAIR SEEDING
6	EA	30" VALVE	14,675	LB	SEED FOR SUPPLEMENTAL SEEDING
			440	TON	FERTILIZER TOPDRESSING
			682	LF	IMPERVIOUS DIKE
			365	MHR	SPECIALIZED HAND MOWING
			125	EA	RESPONSE FOR EROSION CONTROL
			2	EA	ROOTWADS
			663	CY	CULVERT DIVERSION CHANNEL
			5	ACR	REFORESTATION
			5.34	ACR	STREAMBANK REFORESTATION
			6	EA	GENERIC EROSION CONTROL ITEM LOGS

Lump Sum	LS	GENERIC EROSION CONTROL ITEM CONSTRUCTION SURVEYING FOR MITIGATION
Lump Sum	LS	GENERIC EROSION CONTROL ITEM DIVERSION PUMPING FOR MITIGATION
Lump Sum	LS	GENERIC EROSION CONTROL ITEM GRADING FOR MITIGATION
175	CY	GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL
10	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
8,750	LF	SIGNAL CABLE
51	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
8	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
4,215	LF	MESSENGER CABLE (1/4")
38,000	LF	TRACER WIRE
5,220	LF	UNPAVED TRENCHING (***** (1, 2")
5,800	LF	UNPAVED TRENCHING (***** (2, 2")
31,200	LF	UNPAVED TRENCHING (***** (4, 1-1/4")
300	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
1,500	LF	DIRECTIONAL DRILL (***** (2, 2")
1,300	LF	DIRECTIONAL DRILL (***** (4, 1-1/4")
81	EA	JUNCTION BOX (STANDARD SIZE)
85	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
37	EA	WOOD POLE
64	EA	GUY ASSEMBLY
2	EA	**** RISER WITH ***** (1-1/2", WEATHERHEAD)
9	EA	1" RISER WITH WEATHERHEAD
43	EA	2" RISER WITH WEATHERHEAD
2	EA	2" RISER WITH HEAT SHRINK TUBING
4,840	LF	INDUCTIVE LOOP SAWCUT
18,400	LF	LEAD-IN CABLE (***** (14-2)
1	EA	MICROWAVE VEHICLE DETECTOR
37,500	LF	COMMUNICATIONS CABLE (**FIBER) (144)
7,000	LF	DROP CABLE
7	EA	SPLICE ENCLOSURE
1	EA	MODIFY SPLICE ENCLOSURE
9	EA	INTERCONNECT CENTER
84	EA	DELINEATOR MARKER
6	EA	900MHZ RADIO
7	EA	SOIL TEST
35	CY	DRILLED PIER FOUNDATION
9	EA	SIGN FOR SIGNALS
2	EA	TYPE I POST WITH FOUNDATION
7	EA	TYPE II PEDESTAL WITH FOUND- ATION
8	EA	SIGNAL CABINET FOUNDATION
8	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
34	EA	DETECTOR CARD (TYPE 2070L)
8	EA	CABINET BASE EXTENDER
54	EA	GENERIC SIGNAL ITEM 5/8" X 10" GROUNDING ELECTRODE
8	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
1	EA	GENERIC SIGNAL ITEM CCTV EXTENSION POLE
7	EA	GENERIC SIGNAL ITEM CCTV METAL POLE
1	EA	GENERIC SIGNAL ITEM CENTRAL MEDIA CONVERTER
8	EA	GENERIC SIGNAL ITEM CENTRAL VIDEO CODEC UNIT
3	EA	GENERIC SIGNAL ITEM DMS
2	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER
1	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE(TYPE A)
1	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE(TYPE B)
7	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT
8	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET

9	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH
8	EA	GENERIC SIGNAL ITEM FIELD VIDEO CODEC UNIT
7	EA	GENERIC SIGNAL ITEM JUNCTION BOX (SPECIAL OVER- SIZED, HEAVY-DUTY)
8	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBIN- ATION PANEL
1	EA	GENERIC SIGNAL ITEM SIGNAL EQUIPMENT CABINET DISCONNECT
8	EA	GENERIC SIGNAL ITEM WOOD PEDESTAL
Lump Sum	LS	GENERIC SIGNAL ITEM INTEGRATION AND CONFIGURATION
20	LF	GENERIC SIGNAL ITEM #4 SOLID BARE COPPER GROUNDING CONDUCTOR
240	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CON- DUCTOR
200	LF	GENERIC SIGNAL ITEM #6 AWG 3-WIRE COPPER FEEDER CONDUCTORS
1,800	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS
50	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER SERVICE ENTRANCE CONDUCTORS
600	LF	GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCT- ORS
16	CY	GENERIC SIGNAL ITEM ITS OVERHEAD FOOTINGS

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (114+55.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (218+00.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (241+96.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (48+65.00-L-)
1,101	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
2,131.9	CY	CLASS A CONCRETE (CULVERT)
210,757	LB	REINFORCING STEEL (CULVERT)

WALL ITEMS

3,200	SF	MSE RETAINING WALL NO **** (1)
3,600	SF	MSE RETAINING WALL NO **** (2)

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (26+17.64-Y22-LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (26+21.65-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 228+23.81-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 26+17.64-Y22-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 26+17.64-Y22-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 268+22.89-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 80+74.41-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 14+99.25-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 14+99.25-L-)

			1,081.2	LF	1'-***X ***** CONCRETE PARA-PET (1'-2" X 2'-6")
			6,481	SY	4" SLOPE PROTECTION
83	LF	PILE EXCAVATION IN SOIL	3,087	TON	RIP RAP CLASS II (2'-0" THICK)
67	LF	PILE EXCAVATION NOT IN SOIL	3,482	SY	GEOTEXTILE FOR DRAINAGE
304.75	LF	***.***" DIA DRILLED PIERS IN SOIL (4'-6")	Lump Sum	LS	POT BEARINGS
199	LF	***.***" DIA DRILLED PIERS IN SOIL (8'-0")	Lump Sum	LS	ELASTOMERIC BEARINGS
25	LF	4'-0" DIA DRILLED PIERS IN SOIL	Lump Sum	LS	FOAM JOINT SEALS
103	LF	***.***" DIA DRILLED PIERS NOT IN SOIL (4'-6")	Lump Sum	LS	EXPANSION JOINT SEALS
232	LF	***.***" DIA DRILLED PIERS NOT IN SOIL (8'-0")	Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
50	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (129+37.56-L-RT)
20	EA	SID INSPECTIONS	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (14+99.25-L-)
2	EA	SPT TESTING	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (144+60.63-L-)
18	EA	CSL TESTING	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (174+72.46-L-RT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+99.25-L-)	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (26+21.65-L-LT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (26+17.64-Y22-LT)	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (268+22.89-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (26+17.64-Y22-RT)	Lump Sum	LS	GENERIC STRUCTURE ITEM MODIFIED BRIDGE APPROACH FILL, STATION 268+22.89-L-
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (268+22.89-L-)			
251,548	SF	REINFORCED CONCRETE DECK SLAB			
238,237	SF	GROOVING BRIDGE FLOORS			
3,754	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (129+37.56-L-LT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (129+37.56-L-RT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+99.25-L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (144+60.63-L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (144+90.00-L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (174+72.46-L-LT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (174+72.46-L-RT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (228+23.81-L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+17.64-Y22-LT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+17.64-Y22-RT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+21.65-L-LT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+21.65-L-RT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (268+22.89-L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (80+74.41-L-)			
874,201	LB	REINFORCING STEEL (BRIDGE)			
76,356	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
5,929.19	LF	54" PRESTRESSED CONCRETE GIRDERS			
4,291.18	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS			
7,728,200	LS	APPROX LBS STRUCTURAL STEEL			
13,815.5	LF	HP12X53 STEEL PILES			
80	EA	STEEL PILE POINTS			
1,051.2	LF	TWO BAR METAL RAIL			
363.67	LF	THREE BAR METAL RAIL			
9,584.15	LF	CONCRETE BARRIER RAIL			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140617 002

CONTRACT ID : C203413 34548.3.FR1

DIV OFFICE EDENTON

LENGTH = 3.333 MI

COUNTY : WASHINGTON

GRADING, DRAINAGE, PAVING, ITS, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : DEC 28 2016

NEW ROUTE FROM US-64 TO NC-32.

ROADWAY ITEMS					
			1,120	LF	SHOULDER BERM GUTTER
			80	SY	6" CONCRETE DRIVEWAY
			220	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
Lump Sum	LS	MOBILIZATION	2,387.5	LF	STEEL BM GUARDRAIL
Lump Sum	LS	CONSTRUCTION SURVEYING	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	5	EA	ADDITIONAL GUARDRAIL POSTS
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
3,100	CY	UNCLASSIFIED EXCAVATION	34,600	LF	WOVEN WIRE FENCE, 47" FABRIC
7,100	CY	UNDERCUT EXCAVATION	2,240	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
273,200	CY	BORROW EXCAVATION	440	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
17,450	CY	DRAINAGE DITCH EXCAVATION	3,460	LF	ADDITIONAL BARBED WIRE
10,140	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	2	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (47", 8', 16')
7,180	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	1	EA	GENERIC FENCING ITEM RESET EXISTING GATE
15	HR	PROOF ROLLING	241	TON	RIP RAP, CLASS I
12,000	CY	SELECT GRANULAR MATERIAL	203	TON	RIP RAP, CLASS B
15,700	SY	GEOTEXTILE FOR SOIL STABILIZATION	3,573	SY	GEOTEXTILE FOR DRAINAGE
570	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	17	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
1,700	SY	FOUNDATION CONDITIONING GEOTEXTILE	10,164	LB	SUPPORTS, BREAKAWAY STEEL BEAM
484	LF	15" SIDE DRAIN PIPE	1,405	LB	SUPPORTS, SIMPLE STEEL BEAM
164	LF	18" SIDE DRAIN PIPE	95	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
296	LF	18" RC PIPE CULVERTS, CLASS III	1,198	LF	SUPPORTS, WOOD
596	LF	***** RC PIPE CULVERTS, CLASS IV (48")	10	EA	SIGN ERECTION, TYPE D
228	LF	***** RC PIPE CULVERTS, CLASS IV (54")	87	EA	SIGN ERECTION, TYPE E
216	LF	15" RC PIPE CULVERTS, CLASS IV	19	EA	SIGN ERECTION, TYPE F
472	LF	24" RC PIPE CULVERTS, CLASS IV	6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
376	LF	30" RC PIPE CULVERTS, CLASS IV	6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
1,224	LF	36" RC PIPE CULVERTS, CLASS IV	2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
292	LF	42" RC PIPE CULVERTS, CLASS IV	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
441	LF	PIPE REMOVAL	2	EA	DISPOSAL OF SUPPORT, WOOD
Lump Sum	LS	FINE GRADING	4	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
1,000	CY	SHALLOW UNDERCUT	1	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,900	TON	CLASS IV SUBGRADE STABILIZATION	42	EA	DISPOSAL OF SIGN SYSTEM, WOOD
8,000	TON	CLASS IV AGGREGATE STABILIZATION	696	SF	WORK ZONE SIGNS (STATIONARY)
27,900	TON	AGGREGATE BASE COURSE	336	SF	WORK ZONE SIGNS (PORTABLE)
50	TON	INCIDENTAL STONE BASE	245	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,218	GAL	PRIME COAT	2	EA	FLASHING ARROW BOARD
380	SY	INCIDENTAL MILLING	30	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
3,820	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	132	EA	DRUMS
8,410	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	116	EA	CONES
11,630	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	296	LF	BARRICADES (TYPE III)
1,270	TON	ASPHALT BINDER FOR PLANT MIX	1,552	HR	FLAGGER
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	EA	TMA
14	EA	CONTROL OF ACCESS MARKERS	202	EA	TEMPORARY RAISED PAVEMENT MARKERS
168	CY	SUBDRAIN EXCAVATION	41,204	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
500	LF	6" PERFORATED SUBDRAIN PIPE	43,572	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1	EA	SUBDRAIN PIPE OUTLET	387	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
6	LF	6" OUTLET PIPE	152	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
46.9	CY	ENDWALLS	11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
10	CY	REINFORCED ENDWALLS	33,779	LF	PAINT PAVEMENT MARKING LINES (4")
2.025	CY	PIPE COLLARS	425	LF	PAINT PAVEMENT MARKING LINES (8")
2	CY	FLOWABLE FILL	9	EA	PAINT PAVEMENT MARKING SYMBOL
7	EA	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH TWO GRATES, STD 840.16			
6	EA	FRAME WITH TWO GRATES, STD 840.29			
1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET			

379	EA	PERMANENT RAISED PAVEMENT MARKERS	18,545	LB	REINFORCING STEEL (CULVERT)
819	LF	6" WATER LINE			
2	EA	6" VALVE			
4	EA	RECONNECT WATER METER			
980	LF	ABANDON 6" UTILITY PIPE			
87,770	LF	TEMPORARY SILT FENCE			
780	TON	STONE FOR EROSION CONTROL, CLASS A			
6,560	TON	STONE FOR EROSION CONTROL, CLASS B			
10,880	TON	SEDIMENT CONTROL STONE			
80	ACR	TEMPORARY MULCHING			
4,600	LB	SEED FOR TEMPORARY SEEDING			
23	TON	FERTILIZER FOR TEMPORARY SEEDING			
5,000	LF	TEMPORARY SLOPE DRAINS			
14,600	LF	SAFETY FENCE			
6,000	CY	SILT EXCAVATION			
20,000	SY	MATting FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
150	SY	PERMANENT SOIL REINFORCEMENT MAT			
280	LF	1/4" HARDWARE CLOTH			
55	SY	LOW PERMEABILITY GEOTEXTILE			
125	LF	TEMPORARY PIPE FOR STREAM CROSSING			
100	CY	STILLING BASINS			
4,950	LF	COIR FIBER WATTLE			
560	LB	POLYACRYLAMIDE (PAM)			
300	LF	COIR FIBER BAFFLE			
3	EA	*** SKIMMER (1-1/2")			
80	ACR	SEEDING & MULCHING			
40	ACR	MOWING			
1,000	LB	SEED FOR REPAIR SEEDING			
3.25	TON	FERTILIZER FOR REPAIR SEEDING			
2,025	LB	SEED FOR SUPPLEMENTAL SEEDING			
60.25	TON	FERTILIZER TOPDRESSING			
215	LF	IMPERVIOUS DIKE			
30	MHR	SPECIALIZED HAND MOWING			
100	EA	RESPONSE FOR EROSION CONTROL			
60	CY	CULVERT DIVERSION CHANNEL			
5	ACR	REFORESTATION			
300	LF	DIRECTIONAL DRILL (*****)(2, 1.25")			
4	EA	JUNCTION BOX (STANDARD SIZE)			
8	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE			
2	EA	GENERIC SIGNAL ITEM 6" X 6" WOOD PEDESTAL			
2	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY			
2	EA	GENERIC SIGNAL ITEM DMS			
2	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER			
2	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE			
2	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT			
2	EA	GENERIC SIGNAL ITEM INDUSTRIAL ETHERNET SWITCH			
2	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL			
80	LF	GENERIC SIGNAL ITEM #4 AWG SOLID BARE COPPER GROUNDING CONDUCTOR			
20	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS			
340	LF	GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCTORS			
16	CY	GENERIC SIGNAL ITEM OVERHEAD FOOTINGS			

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (148+73.00-L-)
68	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
110	CY	CLASS A CONCRETE (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140617 003

CONTRACT ID : C203458 34927.3.FD2

DIV OFFICE WILSON

LENGTH = 1.109 MI

COUNTY : NASH

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 12.0% COMPLETION DATE : JAN 11 2017

SR-1616 (COUNTRY CLUB RD) FROM US-64 TO SR-1541 (JEFFREY'S RD) IN ROCKY MOUNT.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	91	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	18	LF	MASONRY DRAINAGE STRUCTURES
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	24	EA	FRAME WITH TWO GRATES, STD 840.16
9,900	CY	UNCLASSIFIED EXCAVATION	3	EA	FRAME WITH TWO GRATES, STD 840.22
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (32+18.50 -L-)	14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
1,000	CY	UNDERCUT EXCAVATION	21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
6,400	CY	BORROW EXCAVATION	26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1,282	CY	DRAINAGE DITCH EXCAVATION	1	EA	FRAME WITH COVER, STD 840.54
8,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	9	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
2,000	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	12	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
55	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	1	EA	*** SLUICE GATE (6")
970	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	1,190	LF	*** CONCRETE CURB & GUTTER (2'-9")
2,830	SY	FOUNDATION CONDITIONING GEO- TEXTILE	1,020	LF	1'-6" CONCRETE CURB & GUTTER
672	LF	15" DRAINAGE PIPE	10,070	LF	2'-6" CONCRETE CURB & GUTTER
396	LF	18" DRAINAGE PIPE	2,660	SY	4" CONCRETE SIDEWALK
568	LF	24" DRAINAGE PIPE	42	EA	CONCRETE CURB RAMP
428	LF	30" DRAINAGE PIPE	280	SY	6" CONCRETE DRIVEWAY
28	LF	36" DRAINAGE PIPE	90	SY	4" CONCRETE PAVED DITCH
16	LF	48" DRAINAGE PIPE	1,120	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
156	LF	24" RC PIPE CULVERTS, CLASS III	10	EA	ADJUSTMENT OF MANHOLES
12	LF	48" RC PIPE CULVERTS, CLASS III	25	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
28	LF	***** RC PIPE CULVERTS, CLASS IV (48")	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
3,508	LF	15" RC PIPE CULVERTS, CLASS IV	312.5	LF	STEEL BM GUARDRAIL
740	LF	18" RC PIPE CULVERTS, CLASS IV	10	EA	ADDITIONAL GUARDRAIL POSTS
868	LF	24" RC PIPE CULVERTS, CLASS IV	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
532	LF	30" RC PIPE CULVERTS, CLASS IV	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
432	LF	36" RC PIPE CULVERTS, CLASS IV	917	LF	CHAIN LINK FENCE, 48" FABRIC
80	LF	**** X **** CS PIPE ARCH CUL- VERTS, ***** THICK (77" X 52", 0.109")	79	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
2,523	LF	PIPE REMOVAL	14	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
Lump Sum	LS	FINE GRADING	4	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, DOUBLE GATE (48")
1,000	CY	SHALLOW UNDERCUT	2	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (48", 6', 12')
1,900	TON	CLASS IV SUBGRADE STABILIZA- TION	40	TON	RIP RAP, CLASS I
140	TON	AGGREGATE BASE COURSE	180	TON	RIP RAP, CLASS II
1,000	TON	INCIDENTAL STONE BASE	50	TON	RIP RAP, CLASS B
130	GAL	PRIME COAT	2,525	SY	GEOTEXTILE FOR DRAINAGE
5,100	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	910	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3,850	SY	INCIDENTAL MILLING	4	EA	SIGN ERECTION, TYPE D
7,500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	37	EA	SIGN ERECTION, TYPE E
6,700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	6	EA	SIGN ERECTION, TYPE F
6,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
1,070	TON	ASPHALT BINDER FOR PLANT MIX	38	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
130	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	4	EA	DISPOSAL OF SIGN SYSTEM, WOOD
168	CY	SUBDRAIN EXCAVATION	7	EA	DISPOSAL OF SUPPORT, U-CHANNEL
750	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	1	EA	DISPOSAL OF SIGN, D, E OR F
126	CY	SUBDRAIN FINE AGGREGATE	781	SF	WORK ZONE SIGNS (STATIONARY)
126	CY	SUBDRAIN COARSE AGGREGATE	308	SF	WORK ZONE SIGNS (PORTABLE)
750	LF	6" PERFORATED SUBDRAIN PIPE	202	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	SUBDRAIN PIPE OUTLET	1	EA	FLASHING ARROW BOARD
12	LF	6" OUTLET PIPE	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
6	CY	ENDWALLS	350	EA	DRUMS
14.8	CY	REINFORCED ENDWALLS	25	EA	CONES
14	CY	PIPE COLLARS	256	LF	BARRICADES (TYPE III)
1	CY	PIPE PLUGS			

			6	ACR	MOWING	
			100	LB	SEED FOR REPAIR SEEDING	
			0.25	TON	FERTILIZER FOR REPAIR SEEDING	
			200	LB	SEED FOR SUPPLEMENTAL SEEDING	
			5.75	TON	FERTILIZER TOPDRESSING	
			40	LF	IMPERVIOUS DIKE	
			10	MHR	SPECIALIZED HAND MOWING	
			50	EA	RESPONSE FOR EROSION CONTROL	
			0.1	ACR	REFORESTATION	
			8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	
			6,152	LF	SIGNAL CABLE	
			28	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
			1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	
			3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
			950	LF	MESSENGER CABLE (1/4")	
			1,650	LF	MESSENGER CABLE (3/8")	
			100	LF	TRACER WIRE	
			690	LF	UNPAVED TRENCHING (***** (1-2"))	
			80	LF	UNPAVED TRENCHING (***** (2-2"))	
			25	LF	UNPAVED TRENCHING (***** (3-2"))	
			19	EA	JUNCTION BOX (STANDARD SIZE)	
			2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	
			3	EA	WOOD POLE	
			13	EA	GUY ASSEMBLY	
			1	EA	2" RISER WITH WEATHERHEAD	
			1	EA	2" RISER WITH HEAT SHRINK TUBING	
			3,100	LF	INDUCTIVE LOOP SAWCUT	
			8,060	LF	LEAD-IN CABLE (***** (14-2))	
			1	EA	SITE SURVEY	
			4	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	
			1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT	
			1,400	LF	COMMUNICATIONS CABLE (**FIBER) (12)	
			1	EA	SPLICE ENCLOSURE	
			2	EA	MODIFY SPLICE ENCLOSURE	
			1	EA	INTERCONNECT CENTER	
			2	EA	DELINEATOR MARKER	
			1,350	LF	REMOVE EXISTING COMMUNICATIONS CABLE	
			8	EA	METAL STRAIN SIGNAL POLE	
			8	EA	SOIL TEST	
			60	CY	DRILLED PIER FOUNDATION	
			4	EA	SIGN FOR SIGNALS	
			7	EA	TYPE II PEDESTAL WITH FOUNDATION	
			1	EA	SIGNAL CABINET FOUNDATION	
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			5	EA	DETECTOR CARD (TYPE 2070L)	
			1	EA	CABINET BASE EXTENDER	
			1	EA	TRAFFIC SIGNAL REMOVAL	
			1	EA	GENERIC SIGNAL ITEM	
					ETHERNET EDGE SWITCH	
						STRUCTURE ITEMS
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (32+18.50-L-)	
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+18.50-L-)	
			554.5	LF	3'-0" DIA DRILLED PIERS IN SOIL	
			228	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL	
			355.5	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER	
			1	EA	SPT TESTING	
			1	EA	CSL TESTING	
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (32+18.50-L-)	
			16,094	SF	CONCRETE WEARING SURFACE	
			18,263	SF	GROOVING BRIDGE FLOORS	
			134.7	CY	CLASS AA CONCRETE (BRIDGE)	
			263.9	CY	CLASS A CONCRETE (BRIDGE)	
600	DAY	FLAGGER				
96	HR	LAW ENFORCEMENT				
300	EA	TEMPORARY RAISED PAVEMENT MARKERS				
6,878	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
19,925	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
592	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
1,325	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)				
389	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)				
94	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
1,625	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)				
1,500	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)				
84	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)				
63,403	LF	PAINT PAVEMENT MARKING LINES (4")				
2,061	LF	PAINT PAVEMENT MARKING LINES (24")				
16	EA	PAINT PAVEMENT MARKING CHARACTER				
102	EA	PAINT PAVEMENT MARKING SYMBOL				
3,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")				
4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS				
254	LF	6" WATER LINE				
184	LF	8" WATER LINE				
885	LF	12" WATER LINE				
4	EA	6" VALVE				
1	EA	8" VALVE				
2	EA	12" VALVE				
16	EA	RELOCATE WATER METER				
1	EA	RECONNECT WATER METER				
8	EA	RELOCATE FIRE HYDRANT				
1	EA	8" LINE STOP				
848	LF	*** SANITARY GRAVITY SEWER (15")				
198	LF	8" SANITARY GRAVITY SEWER				
649	LF	10" SANITARY GRAVITY SEWER				
53	LF	12" SANITARY GRAVITY SEWER				
265	LF	30" SANITARY GRAVITY SEWER				
8	EA	4' DIA UTILITY MANHOLE				
2	EA	5' DIA UTILITY MANHOLE				
12	LF	UTILITY MANHOLE WALL, 4' DIA				
13	LF	UTILITY MANHOLE WALL, 5' DIA				
1,203	LF	ABANDON 8" UTILITY PIPE				
546	LF	ABANDON 10" UTILITY PIPE				
910	LF	ABANDON 12" UTILITY PIPE				
300	LF	ABANDON 30" UTILITY PIPE				
10	EA	ABANDON UTILITY MANHOLE				
8,675	LF	TEMPORARY SILT FENCE				
70	TON	STONE FOR EROSION CONTROL, CLASS A				
275	TON	STONE FOR EROSION CONTROL, CLASS B				
1,430	TON	SEDIMENT CONTROL STONE				
6	ACR	TEMPORARY MULCHING				
600	LB	SEED FOR TEMPORARY SEEDING				
3	TON	FERTILIZER FOR TEMPORARY SEEDING				
200	LF	TEMPORARY SLOPE DRAINS				
100	LF	SAFETY FENCE				
350	CY	SILT EXCAVATION				
1,450	SY	MATting FOR EROSION CONTROL				
1,200	SY	COIR FIBER MAT				
2,900	LF	1/4" HARDWARE CLOTH				
125	LF	*** TEMPORARY PIPE (36")				
145	SY	FLOATING TURBIDITY CURTAIN				
50	EA	SPECIAL STILLING BASINS				
330	LF	COIR FIBER WATTLE				
100	LF	COIR FIBER WATTLE BARRIER				
15	LB	POLYACRYLAMIDE (PAM)				
1	EA	*** SKIMMER (1-1/2")				
9	ACR	SEEDING & MULCHING				

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (32+18.50-L-)
81,661	LB	REINFORCING STEEL (BRIDGE)
4,478	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
14,386	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
275	LF	HP12X53 STEEL PILES
22	EA	STEEL PILE POINTS
484.67	LF	THREE BAR METAL RAIL
300	TON	RIP RAP, CLASS ** (I, 2'-0" THICK)
333	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
6,500	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
2,000	DOL	CONTRACT TIME

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140617 004

CONTRACT ID : C203360 35029.3.D1

DIV OFFICE DURHAM

LENGTH = 0.941 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

MBE GOAL 6.0% WBE 6.0% COMPLETION DATE : MAY 15 2017

SR-1370 (TRYON RD) FROM WEST OF BRIDGE #259 OVER NORFOLK SOUTHERN RAILWAY TO US-70/NC-50 (WILMINGTON ST).

ROADWAY ITEMS					
			500	LF	6" PERFORATED SUBDRAIN PIPE
			1	EA	SUBDRAIN PIPE OUTLET
			6	LF	6" OUTLET PIPE
			1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
			2	CY	ENDWALLS
			3	CY	PIPE COLLARS
			11	CY	FLOWABLE FILL
			56	EA	MASONRY DRAINAGE STRUCTURES
			8	LF	MASONRY DRAINAGE STRUCTURES
			9	EA	FRAME WITH TWO GRATES, STD 840.16
			8	EA	FRAME WITH TWO GRATES, STD 840.24
			2	EA	FRAME WITH TWO GRATES, STD 840.29
			3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			4	EA	FRAME WITH COVER, STD 840.54
			4	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
			7	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			2,680	LF	1'-6" CONCRETE CURB & GUTTER
			7,095	LF	2'-6" CONCRETE CURB & GUTTER
			265	LF	CONCRETE EXPRESSWAY GUTTER
			3,650	SY	4" CONCRETE SIDEWALK
			22	EA	CONCRETE CURB RAMP
			90	SY	6" CONCRETE DRIVEWAY
			185	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			960	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE
			2	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN
			650	LF	STEEL BM GUARDRAIL
			2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			5	EA	ADDITIONAL GUARDRAIL POSTS
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			110	LF	REMOVE EXISTING GUARDRAIL
			1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)
			340	LF	CHAIN LINK FENCE, *** FABRIC (72")
			30	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
			3	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
			116	TON	RIP RAP, CLASS B
			1,980	SY	GEOTEXTILE FOR DRAINAGE
			788	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			77	EA	SIGN ERECTION, TYPE E
			1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
			45	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			998	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
25,300	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+17.07-L-)			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
2,250	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
20	CY	DRAINAGE DITCH EXCAVATION			
2,250	CY	SELECT GRANULAR MATERIAL			
5,250	SY	GEOTEXTILE FOR SOIL STABILIZATION			
1,327	SF	TEMPORARY SHORING			
150	TON	GENERIC GRADING ITEM			
		HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL			
628	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
1,941	SY	FOUNDATION CONDITIONING GEOTEXTILE			
160	LF	15" DRAINAGE PIPE			
192	LF	18" DRAINAGE PIPE			
204	LF	15" RC PIPE CULVERTS, CLASS III			
112	LF	18" RC PIPE CULVERTS, CLASS III			
8	LF	24" RC PIPE CULVERTS, CLASS III			
72	LF	30" RC PIPE CULVERTS, CLASS III			
36	LF	36" RC PIPE CULVERTS, CLASS III			
2,672	LF	15" RC PIPE CULVERTS, CLASS IV			
52	LF	18" RC PIPE CULVERTS, CLASS IV			
160	LF	24" RC PIPE CULVERTS, CLASS IV			
1	EA	*** PIPE END SECTION (15")			
124	LF	15" CS PIPE CULVERTS, 0.064" THICK			
52	LF	18" CS PIPE CULVERTS, 0.064" THICK			
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")			
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")			
880	LF	PIPE REMOVAL			
1,000	CY	SHALLOW UNDERCUT			
1,950	TON	CLASS IV SUBGRADE STABILIZATION			
500	TON	STABILIZER AGGREGATE			
560	TON	AGGREGATE BASE COURSE			
500	TON	INCIDENTAL STONE BASE			
12,640	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")			
6,050	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 1-1/2")			
8,010	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
5,835	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
7,030	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,060	TON	ASPHALT BINDER FOR PLANT MIX			
195	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
470	SY	GENERIC PAVING ITEM			
		6" JOINTED CONCRETE WITH WIRE MESH (4X4 W3XW3)			
71	EA	RIGHT OF WAY MARKERS			
112	CY	SUBDRAIN EXCAVATION			
84	CY	SUBDRAIN FINE AGGREGATE			

			580	TON	STONE FOR EROSION CONTROL, CLASS B
			1,170	TON	SEDIMENT CONTROL STONE
			21.5	ACR	TEMPORARY MULCHING
430	SF	WORK ZONE SIGNS (PORTABLE)	550	LB	SEED FOR TEMPORARY SEEDING
294	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	2.25	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	FLASHING ARROW BOARD	380	LF	TEMPORARY SLOPE DRAINS
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN	200	LF	SAFETY FENCE
21	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	790	CY	SILT EXCAVATION
240	EA	DRUMS	25,000	SY	MATTING FOR EROSION CONTROL
40	EA	CONES	370	SY	PERMANENT SOIL REINFORCEMENT MAT
352	LF	BARRICADES (TYPE III)	4,190	LF	1/4" HARDWARE CLOTH
150	DAY	FLAGGER	740	LF	COIR FIBER WATTLE
2	EA	TEMPORARY CRASH CUSHIONS	420	LB	POLYACRYLAMIDE (PAM)
1	EA	RESET TEMPORARY CRASH CUSHION	100	LF	COIR FIBER BAFFLE
4	EA	TMA	18	ACR	SEEDING & MULCHING
635	LF	PORTABLE CONCRETE BARRIER	9	ACR	MOWING
166	LF	WATER FILLED BARRIER	250	LB	SEED FOR REPAIR SEEDING
80	HR	LAW ENFORCEMENT	0.75	TON	FERTILIZER FOR REPAIR SEEDING
30	EA	SKINNY DRUM	400	LB	SEED FOR SUPPLEMENTAL SEEDING
1,230	EA	TEMPORARY RAISED PAVEMENT MARKERS	11.5	TON	FERTILIZER TOPDRESSING
7,267	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	25	MHR	SPECIALIZED HAND MOWING
16,826	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	100	EA	RESPONSE FOR EROSION CONTROL
387	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	100	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
2,670	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	64	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
901	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	10	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
644	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	3,950	LF	SIGNAL CABLE
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	17	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
106	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
968	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2,852	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	2	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
82	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)	1,800	LF	MESSENGER CABLE (1/4")
50,690	LF	PAINT PAVEMENT MARKING LINES (4")	950	LF	MESSENGER CABLE (3/8")
4,361	LF	PAINT PAVEMENT MARKING LINES (8")	1,200	LF	TRACER WIRE
1,121	LF	PAINT PAVEMENT MARKING LINES (24")	30	LF	UNPAVED TRENCHING (***** (1, 2"))
16	EA	PAINT PAVEMENT MARKING CHARACTER	700	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
185	EA	PAINT PAVEMENT MARKING SYMBOL	1,200	LF	DIRECTIONAL DRILL (***** (1, 2"))
21,799	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	10	EA	JUNCTION BOX (STANDARD SIZE)
379	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
611	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	1	EA	2" RISER WITH HEAT SHRINK TUBING
335	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	2,930	LF	INDUCTIVE LOOP SAWCUT
46	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	6,060	LF	LEAD-IN CABLE (***** (14-2))
14	EA	PERMANENT RAISED PAVEMENT MARKERS	3,100	LF	COMMUNICATIONS CABLE (**FIBER) (12)
422	EA	SNOWPLOWABLE PAVEMENT MARKERS	1	EA	SPLICE ENCLOSURE
146	LF	8" WATER LINE	1	EA	MODIFY SPLICE ENCLOSURE
1,345	LF	12" WATER LINE	2	EA	DELINEATOR MARKER
1	EA	8" VALVE	5	EA	METAL STRAIN SIGNAL POLE
5	EA	12" VALVE	5	EA	SOIL TEST
2	EA	12" TAPPING VALVE	40	CY	DRILLED PIER FOUNDATION
2	EA	2" AIR RELEASE VALVE	6	EA	SIGN FOR SIGNALS
2	EA	RELOCATE WATER METER	9	EA	TYPE II PEDESTAL WITH FOUNDATION
4	EA	FIRE HYDRANT	2	EA	SIGNAL CABINET FOUNDATION
3	EA	RELOCATE FIRE HYDRANT	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
2	EA	12" LINE STOP	19	EA	DETECTOR CARD (TYPE 2070L)
143	LF	6" FORCE MAIN SEWER	2	EA	CABINET BASE EXTENDER
134	LF	ABANDON 6" UTILITY PIPE	1	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY
140	LF	ABANDON 8" UTILITY PIPE	4	EA	GENERIC SIGNAL ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY
1,100	LF	ABANDON 12" UTILITY PIPE			
4	EA	REMOVE FIRE HYDRANT			
1	EA	REMOVE UTILITY MANHOLE			
1	EA	GENERIC UTILITY ITEM 12" CHECK VALVE AND MANHOLE			
10,080	LF	TEMPORARY SILT FENCE			
600	TON	STONE FOR EROSION CONTROL, CLASS A			
					STRUCTURE ITEMS
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (28+17.07-L-)
			1	EA	PDA TESTING
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (28+17.07-L-)
			15,585	SF	REINFORCED CONCRETE DECK SLAB

14,258	SF	GROOVING BRIDGE FLOORS
334.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+17.07-L-)
36,724	LB	REINFORCING STEEL (BRIDGE)
1,578.75	LF	54" PRESTRESSED CONCRETE GIR- DERS
1,130	LF	HP12X53 STEEL PILES
1,200	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
12	EA	STEEL PILE POINTS
341.01	LF	TWO BAR METAL RAIL
357.73	LF	1'-***X ***** CONCRETE PARA- PET (2" X 2'-11 3/4")
352	LF	*** CHAIN LINK FENCE (72")
1,325	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (28+17.07-L-)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L140617 005****CONTRACT ID : C203361 35196.3.FS22****DIV OFFICE FAYETTEVILLE****LENGTH = 6.826 MI****COUNTY : CUMBERLAND****PAVING, SIGNALS AND SIGNING.****DBE GOAL 10.0% COMPLETION DATE : JAN 28 2017****FAYETTEVILLE OUTER LOOP FROM EAST OF SR-1007 (ALL AMERICAN FREEWAY) TO EAST OF US-401 (RAMSEY ST).**

ROADWAY ITEMS					
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+50 -Y12-)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
130	HR	PROOF ROLLING			
Lump Sum	LS	FINE GRADING			
226,700	TON	AGGREGATE BASE COURSE			
74,300	CY	SHOULDER BORROW			
68,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
7,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
101,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
6,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
77,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
13,175	TON	ASPHALT BINDER FOR PLANT MIX			
142,400	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
8,790	LF	2'-6" CONCRETE CURB & GUTTER			
5,910	LF	SHOULDER BERM GUTTER			
13,940	LF	CONCRETE EXPRESSWAY GUTTER			
165	LF	CONCRETE VALLEY GUTTER			
660	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
4,470	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
1	EA	GENERIC PAVING ITEM			
		CONCRETE BARRIER TRANSITION			
9	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
41,387.5	LF	STEEL BM GUARDRAIL			
100	LF	STEEL BM GUARDRAIL, SHOP CURVED			
50	EA	ADDITIONAL GUARDRAIL POSTS			
50	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
53	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
16	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350			
75	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
60	LF	REMOVE EXISTING GUARDRAIL			
33,956	LF	DOUBLE FACED CABLE GUIDERAIL			
6	EA	ADDITIONAL GUIDERAIL POSTS			
45	EA	CABLE GUIDERAIL ANCHOR UNITS			
1,200	SY	GEOTEXTILE FOR DRAINAGE			
79	CY	REINFORCED CONCRETE SIGN FOUNDATIONS			
345	CY	OVERHEAD FOOTING			
30,766	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
14,850	LB	SUPPORTS, SIMPLE STEEL BEAM			
3,772	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
24	EA	SUPPORTS, 2-LB STEEL U-CHANNEL			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (10+00 -RP1D-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (101+80 -L-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (107+60 -L-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+04 -LP2D-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+40 -LPB-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (13+40 -Y2-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (14+84 -Y12-)			
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (24+20 -RP1BD-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (29+20 -COL2-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (30+95 -Y1-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+00 -Y1-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (33+16 -COL2-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (33+40 -RP1BD-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (37+90 -RP1BD-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (42+15 -RP1BD-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (46+50 -CDR-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+15 -CDR-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (64+60 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (7+00 -Y12-RPC)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (81+10 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (89+20 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (97+40 -L-)
			4	EA	SIGN ERECTION, TYPE D
			137	EA	SIGN ERECTION, TYPE E
			32	EA	SIGN ERECTION, TYPE F
			23	EA	SIGN ERECTION, TYPE *** (OVERHEAD)
					(A)
			54	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
					(A)
			22	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
					(B)
			24	EA	SIGN ERECTION, MILEMARKERS
			12	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
			6	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
			1	EA	SIGN ERECTION, REPOSITION OVERHEAD
			10	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
			15	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
			14	EA	DISPOSAL OF SIGN, A, B OR C (GROUND MOUNTED)
			6	EA	DISPOSAL OF SIGN, D, E OR F
			Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
			80	HR	LAW ENFORCEMENT
			151	EA	TUBULAR MARKERS (FIXED)
			3,409	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			2,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)

			20,789	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, TS1.5)
182,785	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	4,662	LF	** #1 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, TS2)
36,099	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	66	EA	ELECTRICAL JUNCTION BOXES ***** (JB18)
121	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	30	EA	ELECTRICAL JUNCTION BOXES ***** (JB36)
12,851	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	6	EA	UNDERPASS LUMINAIRES ***** (100W HPS, TYPE PM)
620	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (RAMSEY ST, UPL-1)
623	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	11,500	LF	TEMPORARY SILT FENCE
48	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	865	TON	STONE FOR EROSION CONTROL, CLASS A
134	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	840	TON	STONE FOR EROSION CONTROL, CLASS B
20,660	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)	1,360	TON	SEDIMENT CONTROL STONE
7,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	12.5	ACR	TEMPORARY MULCHING
20	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	350	LB	SEED FOR TEMPORARY SEEDING
171	EA	PERMANENT RAISED PAVEMENT MARKERS	1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
3,190	EA	SNOWPLOWABLE PAVEMENT MARKERS	3,300	LF	TEMPORARY SLOPE DRAINS
400	EA	FLEXIBLE DELINEATORS (CRYSTAL)	200	LF	SAFETY FENCE
100	EA	FLEXIBLE DELINEATORS (YELLOW)	4,500	CY	SILT EXCAVATION
7	EA	80' HIGH MOUNT STANDARD	18,000	SY	MATTING FOR EROSION CONTROL
12	EA	100' HIGH MOUNT STANDARD	60	SY	PERMANENT SOIL REINFORCEMENT MAT
18	EA	120' HIGH MOUNT STANDARD	4,500	LF	1/4" HARDWARE CLOTH
1	EA	PORTABLE DRIVE UNIT	4,100	LF	WATTLE
318	CY	HIGH MOUNT FOUNDATIONS	4,400	LB	POLYACRYLAMIDE (PAM)
56	EA	HIGH MOUNT LUMINAIRES ***** (400W HPS)	1,150	LF	COIR FIBER BAFFLE
216	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)	100	ACR	SEEDING & MULCHING
12	EA	LIGHT STANDARD, TYPE MTLT ***** (45' SA, 15' ARM)	25	ACR	MOWING
10	EA	STANDARD FOUNDATION ***** (TYPE R1)	650	LB	SEED FOR REPAIR SEEDING
2	EA	STANDARD FOUNDATION ***** (TYPE R2)	1	TON	FERTILIZER FOR REPAIR SEEDING
12	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (TYPE RDW, 250W HPS, MC3)	1,050	LB	SEED FOR SUPPLEMENTAL SEEDING
5	EA	ELECTRIC SERVICE POLE **** ***** (30', CLASS 4)	31.5	TON	FERTILIZER TOPDRESSING
500	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	50	MHR	SPECIALIZED HAND MOWING
5	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)	50	EA	RESPONSE FOR EROSION CONTROL
2,185	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS2)	Lump Sum	LS	GENERIC EROSION CONTROL ITEM REMOVAL OF EROSION CONTROL DEVICES
775	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS3)	4,400	LF	SIGNAL CABLE
135	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS4)	30	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
795	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (TS3)	1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1,715	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (TS4)	1,300	LF	MESSENGER CABLE (3/8")
670	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (TS6)	800	LF	UNPAVED TRENCHING (*****) (1, 2")
751	LF	** #8 W/G FEEDER CIRCUIT (2)	100	LF	UNPAVED TRENCHING (*****) (2, 2")
643	LF	** #6 W/G FEEDER CIRCUIT (2)	85	LF	DIRECTIONAL DRILL (*****) (2, 2")
1,219	LF	** #4 W/G FEEDER CIRCUIT (2)	18	EA	JUNCTION BOX (STANDARD SIZE)
5,302	LF	** #2 W/G FEEDER CIRCUIT (2)	5,500	LF	INDUCTIVE LOOP SAWCUT
1,086	LF	***** FEEDER CIRCUIT (2-#1 W/G)	10,800	LF	LEAD-IN CABLE (*****) (14-2)
6,029	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, TS1.5)	4	EA	900MHZ RADIO
3,343	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, TS1.5)	8	EA	METAL STRAIN SIGNAL POLE
7,848	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, TS1.5)	8	EA	SOIL TEST
			58	CY	DRILLED PIER FOUNDATION
			2	EA	SIGN FOR SIGNALS
			2	EA	TYPE II PEDESTAL WITH FOUND- ATION
			2	EA	SIGNAL CABINET FOUNDATION
			2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			17	EA	DETECTOR CARD (TYPE 2070L)
			2	EA	CABINET BASE EXTENDER
			22,600	SF	GENERIC RETAINING WALL ITEM VISUAL BARRIER WALL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID**L140617 006****CONTRACT ID : C203569 6CR.10261.81****DIV OFFICE FAYETTEVILLE****LENGTH = 51.760 MI****COUNTY : CUMBERLAND, HARNETT****MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.****MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : MAY 15 2015****3 SECTIONS OF US-401, 2 SECTIONS OF NC-59, 1 SECTION OF US-401 BYPASS, NC-210, AND 35 SECTIONS OF SECONDARY ROADS.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
78.73	SMI	SHOULDER RECONSTRUCTION
220,335	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
60,895	SY	MILLING ASPHALT PAVEMENT, ***" TO *****" (0" TO 1-1/2")
8,954	SY	INCIDENTAL MILLING
2,280	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
41,653	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
40,974	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
631	TON	ASPHALT CONC SURFACE COURSE, TYPE SA-1
5,386	TON	ASPHALT BINDER FOR PLANT MIX
238	TON	PATCHING EXISTING PAVEMENT
138,642	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6M STONE
4,701	TON	GENERIC PAVING ITEM
		AGGREGATE SHOULDER BORROW
39	EA	CONCRETE CURB RAMP
52	EA	ADJUSTMENT OF MANHOLES
33	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
5,097	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
177,084	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
288,441	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
7,971	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,241	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
5,926	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
175	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
772	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,169,091	LF	PAINT PAVEMENT MARKING LINES (4")
2,275	LF	PAINT PAVEMENT MARKING LINES (8")
300	LF	PAINT PAVEMENT MARKING LINES (16")
4,331	LF	PAINT PAVEMENT MARKING LINES (24")
60	EA	PAINT PAVEMENT MARKING CHARACTER
6,427	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
60	LF	PAVED TRENCHING (*****)(1, 2")
600	LF	UNPAVED TRENCHING (*****)(1, 2")
6	EA	JUNCTION BOX (STANDARD SIZE)
6	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
7	EA	2" RISER WITH WEATHERHEAD
31,180	LF	INDUCTIVE LOOP SAWCUT
600	LF	LEAD-IN CABLE (*****)(14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140617 007

CONTRACT ID : C203548 6CR.10781.81

DIV OFFICE FAYETTEVILLE

LENGTH = 44.590 MI

COUNTY : ROBESON

WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : MAY 29 2015

NC-72 FROM NC-711 TO NC-710, NC-130 FROM US-501 TO NC-83 AND 18 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
535	CY	BORROW EXCAVATION
9,416	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
82.42	SMI	SHOULDER RECONSTRUCTION
4,752	SY	MILLING ASPHALT PAVEMENT, ***"
		DEPTH
		(1-1/2")
7,509	SY	MILLING ASPHALT PAVEMENT, ***"
		TO *****"
		(0" TO 1-1/2")
3,753	SY	INCIDENTAL MILLING
1,139	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
468	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE 119.0B
29,284	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
22,047	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
58	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A (LEVELING COURSE)
1,191	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S4.75A
3,390	TON	ASPHALT BINDER FOR PLANT MIX
100	TON	PATCHING EXISTING PAVEMENT
14	EA	ADJUSTMENT OF MANHOLES
15	EA	ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
4,996	SF	WORK ZONE ADVANCE/GENERAL
		WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
218,600	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (4", 90 MILS)
200,460	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (4", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (8", 90 MILS)
1,200	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (8", 120 MILS)
2,445	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (12", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (16", 120 MILS)
600	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
63	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
874,140	LF	PAINT PAVEMENT MARKING LINES
		(4")
2,085	EA	PERMANENT RAISED PAVEMENT
		MARKERS
300	LF	TEMPORARY SILT FENCE
146	SY	MATting FOR EROSION CONTROL
264	LF	WATTLE
11	LB	POLYACRYLAMIDE (PAM)
9	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140617 008

CONTRACT ID : C203412 34483.3.FR2

DIV OFFICE GREENSBORO

LENGTH = 0.783 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : DEC 28 2016

US-421 AT SR-3418 (NEELLEY RD) SOUTH OF GREENSBORO.

ROADWAY ITEMS			Lump Sum	LS	
			1,300	CY	FINE GRADING
			2,600	TON	SHALLOW UNDERCUT
					CLASS IV SUBGRADE STABILIZATION
			500	TON	STABILIZER AGGREGATE
Lump Sum	LS	MOBILIZATION	18,200	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	55	TON	AGGREGATE BASE COURSE
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	5,000	TON	INCIDENTAL STONE BASE
5	EA	SEALING ABANDONED WELLS	2,300	SY	INCIDENTAL MILLING
48,200	CY	UNCLASSIFIED EXCAVATION	11,550	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (40+48.97-Y-)	4,460	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
7,250	CY	UNDERCUT EXCAVATION	7,290	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
546,100	CY	BORROW EXCAVATION	1,440	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
2,060	CY	DRAINAGE DITCH EXCAVATION	10,015	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
9,210	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,480	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
15	HR	PROOF ROLLING	1,815	TON	ASPHALT BINDER FOR PLANT MIX
2,500	CY	SELECT GRANULAR MATERIAL	500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
9,900	SY	GEOTEXTILE FOR SOIL STABILIZATION	7,600	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
562	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	268.8	CY	SUBDRAIN EXCAVATION
1,760	SY	FOUNDATION CONDITIONING GEOTEXTILE	134.4	CY	SUBDRAIN FINE AGGREGATE
36	LF	*** SIDE DRAIN PIPE (30")	800	LF	6" PERFORATED SUBDRAIN PIPE
28	LF	*** SIDE DRAIN PIPE (36")	2	EA	SUBDRAIN PIPE OUTLET
148	LF	*** SIDE DRAIN PIPE (42")	12	LF	6" OUTLET PIPE
1,388	LF	15" SIDE DRAIN PIPE	1,800	LF	SHOULDER DRAIN
176	LF	18" SIDE DRAIN PIPE	1,800	LF	4" SHOULDER DRAIN PIPE
372	LF	24" SIDE DRAIN PIPE	100	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
14	EA	*** SIDE DRAIN PIPE ELBOWS (15")	4	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
220	LF	**** RC PIPE CULVERTS, CLASS ***** (30", V)	10	TON	BLOTTING SAND
216	LF	**** RC PIPE CULVERTS, CLASS ***** (42", V)	20	CY	ENDWALLS
80	LF	60" RC PIPE CULVERTS, CLASS III	6	CY	REINFORCED ENDWALLS
628	LF	15" RC PIPE CULVERTS, CLASS IV	5	CY	PIPE COLLARS
468	LF	18" RC PIPE CULVERTS, CLASS IV	2	CY	PIPE PLUGS
504	LF	24" RC PIPE CULVERTS, CLASS IV	39	EA	MASONRY DRAINAGE STRUCTURES
16	LF	36" RC PIPE CULVERTS, CLASS IV	8	CY	MASONRY DRAINAGE STRUCTURES
112	LF	42" RC PIPE CULVERTS, CLASS IV	7	LF	MASONRY DRAINAGE STRUCTURES
180	LF	15" CS PIPE CULVERTS, 0.064" THICK	1	EA	FRAME WITH GRATE, STD 840.**** (840.20)
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	2	EA	FRAME WITH GRATE, STD 840.24
50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.250")	4	EA	FRAME WITH TWO GRATES, STD 840.16
124	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.250")	21	EA	FRAME WITH TWO GRATES, STD 840.20
88	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (54", 0.750")	1	EA	FRAME WITH TWO GRATES, STD 840.22
80	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")	3	EA	FRAME WITH TWO GRATES, STD 840.24
50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.250")	5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
124	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.250")	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
88	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (54", 0.750")	3	EA	FRAME WITH COVER, STD 840.54
80	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")	4	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
1,623	LF	PIPE REMOVAL	1	EA	GENERIC DRAINAGE ITEM TRASH RACK
140	SY	6" SLOPE PROTECTION	1,560	LF	2'-6" CONCRETE CURB & GUTTER
			3,660	LF	SHOULDER BERM GUTTER
			500	SY	6" CONCRETE DRIVEWAY
			1,450	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			8,025	LF	STEEL BM GUARDRAIL
			337.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
			10	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1

			20	EA	FLEXIBLE DELINEATORS (CRYSTAL)
			20	EA	FLEXIBLE DELINEATORS (YELLOW)
		Lump Sum	LS		PORTABLE LIGHTING
			4	EA	RELOCATE WATER METER
			4	EA	RELOCATE FIRE HYDRANT
			26,300	LF	TEMPORARY SILT FENCE
			1,600	TON	STONE FOR EROSION CONTROL, CLASS A
			11,000	TON	STONE FOR EROSION CONTROL, CLASS B
			5,800	TON	SEDIMENT CONTROL STONE
			64.5	ACR	TEMPORARY MULCHING
			3,100	LB	SEED FOR TEMPORARY SEEDING
			17	TON	FERTILIZER FOR TEMPORARY SEEDING
			8,000	LF	TEMPORARY SLOPE DRAINS
			6,000	LF	SAFETY FENCE
			17,500	CY	SILT EXCAVATION
			24,000	SY	MATting FOR EROSION CONTROL
			4,000	SY	COIR FIBER MAT
			3,900	SY	PERMANENT SOIL REINFORCEMENT MAT
			3,800	LF	1/4" HARDWARE CLOTH
			1,000	CY	STILLING BASINS
			1,600	LF	COIR FIBER WATTLE
			1,110	LB	POLYACRYLAMIDE (PAM)
			4,000	LF	COIR FIBER BAFFLE
			18	EA	*** SKIMMER (1-1/2")
			5	ACR	SELECTIVE UNDERGROWTH REMOVAL
			65	ACR	SEEDING & MULCHING
			30	ACR	MOWING
			650	LB	SEED FOR REPAIR SEEDING
			3	TON	FERTILIZER FOR REPAIR SEEDING
			1,875	LB	SEED FOR SUPPLEMENTAL SEEDING
			56.25	TON	FERTILIZER TOPDRESSING
			170	LF	IMPERVIOUS DIKE
			30	MHR	SPECIALIZED HAND MOWING
			100	EA	RESPONSE FOR EROSION CONTROL
			1,720	CY	CULVERT DIVERSION CHANNEL
			5	ACR	REFORESTATION
					CULVERT ITEMS
		Lump Sum	LS		CULVERT EXCAVATION, STA ***** (14+77.40-YLPD-)
		Lump Sum	LS		CULVERT EXCAVATION, STA ***** (43+86.48-Y-)
			1,198	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
			2,765.3	CY	CLASS A CONCRETE (CULVERT)
			269,494	LB	REINFORCING STEEL (CULVERT)
					STRUCTURE ITEMS
		Lump Sum	LS		FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,60+37.13-L-)
		Lump Sum	LS		FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,60+37.13-L-)
			17,694	SF	REINFORCED CONCRETE DECK SLAB
			18,296	SF	GROOVING BRIDGE FLOORS
			367.3	CY	CLASS A CONCRETE (BRIDGE)
		Lump Sum	LS		BRIDGE APPROACH SLABS, STATION ***** (60+37.13-L-)
			43,120	LB	REINFORCING STEEL (BRIDGE)
			3,104	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
			1,553.64	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
			1,305	LF	HP12X53 STEEL PILES
			42	EA	STEEL PILE POINTS
			611.6	LF	TWO BAR METAL RAIL
			626.6	LF	1'-***"X *****" CONCRETE PARAPET (1'-2" X 2'-6")
			990	SY	4" SLOPE PROTECTION
		Lump Sum	LS		ELASTOMERIC BEARINGS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
2,250	LF	REMOVE EXISTING GUARDRAIL			
6,260	LF	WOVEN WIRE FENCE, 47" FABRIC			
400	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
115	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
100	LF	ADDITIONAL BARBED WIRE			
2,930	TON	RIP RAP, CLASS I			
260	TON	RIP RAP, CLASS A			
750	TON	RIP RAP, CLASS B			
11,260	SY	GEOTEXTILE FOR DRAINAGE			
5	CY	REINFORCED CONCRETE SIGN FOUNDATIONS			
2	CY	PLAIN CONCRETE SIGN FOUNDATIONS			
12	CY	OVERHEAD FOOTING			
5,308	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
2,071	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (73+50 -L1-)			
7	EA	SIGN ERECTION, TYPE D			
44	EA	SIGN ERECTION, TYPE E			
8	EA	SIGN ERECTION, TYPE F			
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)			
11	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)			
28	EA	SIGN ERECTION, MILEMARKERS			
2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)			
5	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
65	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
4	EA	DISPOSAL OF SIGN, A, B OR C (GROUND MOUNTED)			
1,334	SF	WORK ZONE SIGNS (STATIONARY)			
1,283	SF	WORK ZONE SIGNS (PORTABLE)			
580	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
4	EA	FLASHING ARROW BOARD			
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
515	EA	DRUMS			
216	LF	BARRICADES (TYPE III)			
250	DAY	FLAGGER			
3	EA	TEMPORARY CRASH CUSHIONS			
5	EA	TMA			
3,310	LF	PORTABLE CONCRETE BARRIER			
810	EA	TEMPORARY RAISED PAVEMENT MARKERS			
11,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
18,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
28,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
3,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
2,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
50	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
1,550	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)			
1,560	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)			
112,174	LF	PAINT PAVEMENT MARKING LINES (4")			
5,824	LF	PAINT PAVEMENT MARKING LINES (8")			
216	LF	PAINT PAVEMENT MARKING LINES (24")			
40	EA	PAINT PAVEMENT MARKING SYMBOL			
4,526	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
120	EA	PERMANENT RAISED PAVEMENT MARKERS			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L140617 009****CONTRACT ID : C203410 38433.3.FD1****DIV OFFICE ABERDEEN****LENGTH = 0.218 MI****COUNTY : RANDOLPH****GRADING, DRAINAGE, PAVING, AND STRUCTURE.****DBE GOAL 7.0% COMPLETION DATE : OCT 28 2015****BRIDGE #208 OVER FORK CREEK ON SR-1003.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+29.00)
Lump Sum	LS	GRADING
400	CY	UNDERCUT EXCAVATION
50	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZATION
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
90	SY	FOUNDATION CONDITIONING GEOTEXTILE
112	LF	15" DRAINAGE PIPE
4	EA	*** DRAINAGE PIPE ELBOWS (15")
24	LF	15" SIDE DRAIN PIPE
60	LF	18" SIDE DRAIN PIPE
68	LF	24" RC PIPE CULVERTS, CLASS IV
68	LF	PIPE REMOVAL
40	TON	INCIDENTAL STONE BASE
25	SY	INCIDENTAL MILLING
780	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
495	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
68	TON	ASPHALT BINDER FOR PLANT MIX
12	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH GRATE, STD 840.24
1	EA	FRAME WITH GRATE, STD 840.29
10	LF	GENERIC DRAINAGE ITEM
45	LF	SHOULDER BERM CURB
62.5	LF	SHOULDER BERM GUTTER
62.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
140	TON	RIP RAP, CLASS I
10	TON	RIP RAP, CLASS II
50	TON	RIP RAP, CLASS B
1,315	SY	GEOTEXTILE FOR DRAINAGE
61	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
345	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
8,200	LF	PAINT PAVEMENT MARKING LINES (4")
810	LF	TEMPORARY SILT FENCE
195	TON	STONE FOR EROSION CONTROL, CLASS A
240	TON	STONE FOR EROSION CONTROL, CLASS B
300	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
775	LF	SAFETY FENCE
270	CY	SILT EXCAVATION
5,000	SY	MATting FOR EROSION CONTROL
200	SY	COIR FIBER MAT
300	SY	PERMANENT SOIL REINFORCEMENT MAT
400	LF	1/4" HARDWARE CLOTH

6	EA	SPECIAL STILLING BASINS
210	LF	WATTLE
120	LB	POLYACRYLAMIDE (PAM)
85	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
2.8	ACR	SEEDING & MULCHING
1.4	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	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+29.00-L-)
18	LF	3'-0" DIA DRILLED PIERS IN SOIL
46	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
18	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+29.00-L-)
109.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+29.00-L-)
22,325	LB	REINFORCING STEEL (BRIDGE)
1,502	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
105	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
264.6	LF	TWO BAR METAL RAIL
280.26	LF	1'-***X ***** CONCRETE PARAPET (16+29.00-L-)
228	TON	RIP RAP CLASS II (2'-0" THICK)
260	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,540	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140617 010

CONTRACT ID : C203570 8CR.10191.24

DIV OFFICE ABERDEEN

LENGTH = 15.438 MI

COUNTY : CHATHAM

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 24 2015

4 SECTIONS OF US-64 AND 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,516.76	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
34.32	SMI	SHOULDER RECONSTRUCTION
103,774	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(2-1/2")
120	SY	MILLING ASPHALT PAVEMENT, ****
		TO *****
		(0" TO 1-1/2")
400	SY	MILLING ASPHALT PAVEMENT, ****
		TO *****
		(2-1/2" TO 4")
5,389	SY	INCIDENTAL MILLING
16,791	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE I19.0C
11,788	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
14,465	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C
1,522	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
2,470	TON	ASPHALT BINDER FOR PLANT MIX
1,285	TON	PATCHING EXISTING PAVEMENT
127,000	SY	ASPHALT SURFACE TREATMENT, MAT
		COAT, #6M STONE
5,042	SF	WORK ZONE ADVANCE/GENERAL
		WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
233	HR	LAW ENFORCEMENT
137,709	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
158,889	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
505	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 90 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (16", 120 MILS)
803	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
85	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
1,550	LF	COLD APPLIED PLASTIC PAVEMENT
		MARKING LINES, TYPE ** (4")
		(III)
62,366	LF	PAINT PAVEMENT MARKING LINES
		(4")
37	LF	PAINT PAVEMENT MARKING LINES
		(24")
1,550	LF	REMOVAL OF PAVEMENT MARKING
		LINES (4")
1,063	EA	PERMANENT RAISED PAVEMENT
		MARKERS
420	EA	SNOWPLOWABLE PAVEMENT MARKERS
3,835	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140617 011

CONTRACT ID : C203572 8CR.10531.24

DIV OFFICE ABERDEEN

LENGTH = 13.296 MI

COUNTY : LEE

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 24 2015

US-1 FROM BRIDGE AT NC-42 TO SR-1334 INTERSECTION, US-1 FROM SR-1198 TO SR-1731 & 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,705	CY	BORROW EXCAVATION
975	TON	INCIDENTAL STONE BASE
36.54	SMI	SHOULDER RECONSTRUCTION
60	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,420	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
1,892	SY	INCIDENTAL MILLING
16,960	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
8,310	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,557	TON	ASPHALT BINDER FOR PLANT MIX
1,395	TON	PATCHING EXISTING PAVEMENT
41,950	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
1,455	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
200	HR	LAW ENFORCEMENT
105,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
13,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
4,380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
528	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
66	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
320,440	LF	PAINT PAVEMENT MARKING LINES (4")
25	LF	PAINT PAVEMENT MARKING LINES (24")
765	EA	PERMANENT RAISED PAVEMENT MARKERS
2,636	LF	TEMPORARY SILT FENCE
6,700	LF	WATTLE
26.64	ACR	SEEDING & MULCHING
1,000	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140617 012

CONTRACT ID : C203571 8CR.10831.24

DIV OFFICE ABERDEEN

LENGTH = 21.517 MI

COUNTY : SCOTLAND, HOKE

MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 24 2015

US-74 BYPASS (WBL) FROM ROBESON CO TO NC-79, US-74 BUS (WBL) FROM SR-1319 TO RICHMOND CO AND 7 SECTIONS OF SECONDARY RDS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
570	CY	BORROW EXCAVATION
910	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
320	TON	INCIDENTAL STONE BASE
14.25	SMI	SHOULDER RECONSTRUCTION
229,124	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
910	SY	INCIDENTAL MILLING
19,335	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
8,490	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,710	TON	ASPHALT BINDER FOR PLANT MIX
240	TON	PATCHING EXISTING PAVEMENT
4	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,534	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
132	HR	LAW ENFORCEMENT
61,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
13,395	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
97,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
12,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
3,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
95	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
34	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
409,665	LF	PAINT PAVEMENT MARKING LINES (4")
57	EA	PERMANENT RAISED PAVEMENT MARKERS
1,065	EA	SNOWPLOWABLE PAVEMENT MARKERS
565	LF	TEMPORARY SILT FENCE
1,420	LF	WATTLE
5.63	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID**L140617 013****CONTRACT ID : C203560 9CR.10291.150****DIV OFFICE WINSTON-SALEM****LENGTH = 38.949 MI****COUNTY : DAVIDSON, ROWAN****MILLING, RESURFACING & SHOULDER RECONSTRUCTION.****MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : MAY 22 2015****1 SECTION OF NC-49, 1 SECTION OF NC-8/NC-49, 1 SECTION OF NC-8 & 12 SECTIONS OF SECONDARY ROADS.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
4,485	CY	BORROW EXCAVATION
3,094	TON	INCIDENTAL STONE BASE
74.74	SMI	SHOULDER RECONSTRUCTION
632	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
2,455	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
24,345	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
10,757	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
18,793	SY	INCIDENTAL MILLING
36,667	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
17,055	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4,521	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,510	TON	ASPHALT BINDER FOR PLANT MIX
300	TON	PATCHING EXISTING PAVEMENT
8	EA	ADJUSTMENT OF DROP INLETS
25	EA	ADJUSTMENT OF MANHOLES
45	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,362	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
406,404	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
425,728	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3,725	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
377	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
2,257	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
52	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
174	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
52,240	LF	PAINT PAVEMENT MARKING LINES (4")
688	LF	PAINT PAVEMENT MARKING LINES (24")
24	EA	PAINT PAVEMENT MARKING CHARAC- TER
63	EA	PAINT PAVEMENT MARKING SYMBOL
736	EA	SNOWPLOWABLE PAVEMENT MARKERS
14,949	LF	TEMPORARY SILT FENCE
1,495	LF	WATTLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID**L140617 014****CONTRACT ID : C203568****9CR.10341.150****DIV OFFICE WINSTON-SALEM****LENGTH = 22.528 MI****COUNTY : FORSYTH****MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.****MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : MAY 29 2015****1 SECTION OF US-52, US-311, NC-150, NC-66, NC-8, NC-109 AND 5 SECTIONS OF SECONDARY ROADS.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
1,943	CY	BORROW EXCAVATION
1,395	TON	INCIDENTAL STONE BASE
32.38	SMI	SHOULDER RECONSTRUCTION
139,330	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
38,805	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,000	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (1-1/2" TO 2-1/2")
41,710	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (1-1/2" TO 3-1/2")
8,075	SY	INCIDENTAL MILLING
315	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
41,965	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,217	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,605	TON	ASPHALT BINDER FOR PLANT MIX
220	TON	PATCHING EXISTING PAVEMENT
154	EA	ADJUSTMENT OF MANHOLES
159	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,029	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
366	HR	LAW ENFORCEMENT
188,749	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
270,078	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
5,790	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
934	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
3,549	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,548	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,322	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
3,181	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
124	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
340	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
60,111	LF	PAINT PAVEMENT MARKING LINES (4")
8,098	LF	PAINT PAVEMENT MARKING LINES (6")
1,322	LF	PAINT PAVEMENT MARKING LINES (12")
150	LF	PAINT PAVEMENT MARKING LINES (16")
1,455	LF	PAINT PAVEMENT MARKING LINES (24")
42	EA	PAINT PAVEMENT MARKING CHARAC- TER
1,311	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
6,476	LF	TEMPORARY SILT FENCE
648	LF	WATTLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140617 015

CONTRACT ID : C203558

17BP.9.P.3

DIV OFFICE WINSTON-SALEM

LENGTH = 0.000 MI

COUNTY : DAVIDSON, ROWAN, FORSYTH, DAVIE

BRIDGE PRESERVATION.

MBE GOAL 1.0% WBE 1.0% COMPLETION DATE : OCT 15 2015

BRG #136 & 150-DAVIDSON, BRG#29, 32, 85 & 86-DAVIE, BRG #53, 54, 55, 78, 115, 185, 297 & 302-FORSYTH & BRG#94-ROWAN.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	Lump Sum	LS	GENERIC STRUCTURE ITEM
242	SY	INCIDENTAL MILLING			CLEANING & REPAINTING OF STR-
42	TON	ASPHALT CONC SURFACE COURSE,			UCTURAL STEEL FORSYTH CO BRI-
		TYPE S9.5C			DGE #55
3	TON	ASPHALT BINDER FOR PLANT MIX	Lump Sum	LS	GENERIC STRUCTURE ITEM
1,744	SF	WORK ZONE SIGNS (STATIONARY)			CLEANING & REPAINTING OF STR-
740	SF	WORK ZONE SIGNS (PORTABLE)			UCTURAL STEEL FORSYTH CO BRI-
22	SF	WORK ZONE SIGNS (BARRICADE			DGE #78
		MOUNTED)	Lump Sum	LS	GENERIC STRUCTURE ITEM
4	EA	FLASHING ARROW BOARD			CLEANING & REPAINTING OF STR-
4	EA	PORTABLE CHANGEABLE MESSAGE			UCTURAL STEEL ROWAN CO BRIDGE
		SIGN			#94
400	EA	DRUMS	Lump Sum	LS	GENERIC STRUCTURE ITEM
40	LF	BARRICADES (TYPE III)			PAINTING CONTAINMENT FOR
3	EA	TMA			DAVIDSON CO BRIDGE #136
80	HR	LAW ENFORCEMENT	Lump Sum	LS	GENERIC STRUCTURE ITEM
4,050	LF	PAINT PAVEMENT MARKING LINES			PAINTING CONTAINMENT FOR
		(4")			DAVIDSON CO BRIDGE #150
17	EA	PERMANENT RAISED PAVEMENT	Lump Sum	LS	GENERIC STRUCTURE ITEM
		MARKERS			PAINTING CONTAINMENT FOR
34.8	CY	CLASS A CONCRETE (BRIDGE)			FORSYTH CO BRIDGE #115
2,776	LB	REINFORCING STEEL (BRIDGE)	Lump Sum	LS	GENERIC STRUCTURE ITEM
					PAINTING CONTAINMENT FOR
Lump Sum	LS	POLLUTION CONTROL			FORSYTH CO BRIDGE #185
256	CF	SHOTCRETE REPAIRS	Lump Sum	LS	GENERIC STRUCTURE ITEM
644.2	LF	EPOXY RESIN INJECTION			PAINTING CONTAINMENT FOR
Lump Sum	LS	FOAM JOINT SEALS			FORSYTH CO BRIDGE #297
Lump Sum	LS	GENERIC STRUCTURE ITEM	Lump Sum	LS	GENERIC STRUCTURE ITEM
		CLEANING & REPAINTING EXISTING			PAINTING CONTAINMENT FOR
		WEATHERING			FORSYTH CO BRIDGE #302
		STEEL OF DAVIDSON CO BRIDGE	Lump Sum	LS	GENERIC STRUCTURE ITEM
		#136			PAINTING CONTAINMENT FOR
Lump Sum	LS	GENERIC STRUCTURE ITEM			FORSYTH CO BRIDGE #53
		CLEANING & REPAINTING OF STEEL	Lump Sum	LS	GENERIC STRUCTURE ITEM
		PILES DAVIE CO BRIDGE #29			PAINTING CONTAINMENT FOR
Lump Sum	LS	GENERIC STRUCTURE ITEM			FORSYTH CO BRIDGE #54
		CLEANING & REPAINTING OF STEEL	Lump Sum	LS	GENERIC STRUCTURE ITEM
		PILES DAVIE CO BRIDGE #32			PAINTING CONTAINMENT FOR
Lump Sum	LS	GENERIC STRUCTURE ITEM			FORSYTH CO BRIDGE #55
		CLEANING & REPAINTING OF STR-	Lump Sum	LS	GENERIC STRUCTURE ITEM
		UCTURAL STEEL DAVIDSON CO BRI-			PAINTING CONTAINMENT FOR
		DGE #150			FORSYTH CO BRIDGE #78
Lump Sum	LS	GENERIC STRUCTURE ITEM	Lump Sum	LS	GENERIC STRUCTURE ITEM
		CLEANING & REPAINTING OF STR-			PAINTING CONTAINMENT FOR
		UCTURAL STEEL DAVIE CO BRIDGE			ROWAN CO BRIDGE #94
		#29	Lump Sum	LS	GENERIC STRUCTURE ITEM
Lump Sum	LS	GENERIC STRUCTURE ITEM			PAINTING CONTAINMENT FOR DAVIE
		CLEANING & REPAINTING OF STR-			CO BRIDGE #29
		UCTURAL STEEL DAVIE CO BRIDGE	Lump Sum	LS	GENERIC STRUCTURE ITEM
		#32			PAINTING CONTAINMENT FOR DAVIE
Lump Sum	LS	GENERIC STRUCTURE ITEM			CO BRIDGE #32
		CLEANING & REPAINTING OF STR-	Lump Sum	LS	GENERIC STRUCTURE ITEM
		UCTURAL STEEL DAVIE CO BRIDGE			PAINTING CONTAINMENT FOR DAVIE
		#85			CO BRIDGE #85
Lump Sum	LS	GENERIC STRUCTURE ITEM	Lump Sum	LS	GENERIC STRUCTURE ITEM
		CLEANING & REPAINTING OF STR-			PAINTING CONTAINMENT FOR DAVIE
		UCTURAL STEEL DAVIE CO BRIDGE			CO BRIDGE #86
		#86	215	LB	GENERIC STRUCTURE ITEM
Lump Sum	LS	GENERIC STRUCTURE ITEM			GIRDER WEB PLATING
		CLEANING & REPAINTING OF STR-	1,080	LB	GENERIC STRUCTURE ITEM
		UCTURAL STEEL FORSYTH CO BRI-			GIRDER WEB REPAIR
		DGE #115	19,290	LB	GENERIC STRUCTURE ITEM
Lump Sum	LS	GENERIC STRUCTURE ITEM			STRUCTURAL STEEL FOR PILE &
		CLEANING & REPAINTING OF STR-			GIRDER REPAIR
		UCTURAL STEEL FORSYTH CO BRI-	180	SF	GENERIC STRUCTURE ITEM
		DGE #185			BRIDGE JOINT DEMOLITION
Lump Sum	LS	GENERIC STRUCTURE ITEM	1,691	SF	GENERIC STRUCTURE ITEM
		CLEANING & REPAINTING OF STR-			EPOXY COATING
		UCTURAL STEEL FORSYTH CO BRI-	20,846	SF	GENERIC STRUCTURE ITEM
		DGE #297			EPOXY OVERLAY SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM	20	EA	GENERIC STRUCTURE ITEM
		CLEANING & REPAINTING OF STR-			BRIDGE JACKING
		UCTURAL STEEL FORSYTH CO BRI-	48	EA	GENERIC STRUCTURE ITEM
		DGE #302			REPLACEMENT OF BRIDGE BEARING
Lump Sum	LS	GENERIC STRUCTURE ITEM			FOR FORSYTH CO BRGS #53 & 54
		CLEANING & REPAINTING OF STR-	16	EA	GENERIC STRUCTURE ITEM
		UCTURAL STEEL FORSYTH CO BRI-			REPLACEMENT OF ROCKER BEARING
		DGE #53			FOR DAVIE CO BRIDGES #85 & 86

10 EA GENERIC STRUCTURE ITEM
TEMPORARY WORK PLATFORM

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L140617 016****CONTRACT ID : C203437 43761.3.1****DIV OFFICE NORTH WILKESBORO****LENGTH = 0.485 MI****COUNTY : WATAUGA****GRADING, DRAINAGE, PAVING, AND STRUCTURE.****DBE GOAL 11.0% COMPLETION DATE : MAR 29 2016****ACCESS ROAD TO POST ACUTE CARE FACILITY IN BLOWING ROCK.**

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	2	EA	FRAME WITH TWO GRATES, STD 840.22
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (11+00-L-)	18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
Lump Sum	LS	GRADING	18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	1	EA	FRAME WITH COVER, STD 840.54
100	CY	UNDERCUT EXCAVATION	6,655	LF	2'-6" CONCRETE CURB & GUTTER
2,060	LF	BERM DITCH CONSTRUCTION	180	LF	SHOULDER BERM GUTTER
1.9	HR	PROOF ROLLING	1,340	SY	4" CONCRETE SIDEWALK
200	CY	SELECT GRANULAR MATERIAL	3	EA	CONCRETE CURB RAMP
250	SY	GEOTEXTILE FOR SOIL STABILIZATION	90	SY	4" CONCRETE PAVED DITCH
2,500	SY	GENERIC GRADING ITEM SOIL NAIL SLOPE STABILIZATION	100	LF	STEEL BM GUARDRAIL
1	EA	GENERIC GRADING ITEM SOIL NAIL PROOF TESTS	5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GENERIC GRADING ITEM SOIL NAIL VERIFICATION TESTS	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
330	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
1,030	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1,172	LF	15" RC PIPE CULVERTS, CLASS III	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
84	LF	18" RC PIPE CULVERTS, CLASS III	208	LF	REMOVE EXISTING GUARDRAIL
568	LF	24" RC PIPE CULVERTS, CLASS III	30	TON	RIP RAP, CLASS I
576	LF	30" RC PIPE CULVERTS, CLASS III	540	TON	RIP RAP, CLASS B
268	LF	15" CS PIPE CULVERTS, 0.064" THICK	2,165	SY	GEOTEXTILE FOR DRAINAGE
68	LF	18" CS PIPE CULVERTS, 0.064" THICK	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
136	LF	24" CS PIPE CULVERTS, 0.064" THICK	79.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
344	LF	30" CS PIPE CULVERTS, 0.079" THICK	146	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
9	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064)	12	EA	SIGN ERECTION, TYPE E
3	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
1	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")	4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
96	LF	GENERIC PIPE ITEM 15" CS SLOTTED DRAIN, 0.064" THICK	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
126	LF	PIPE REMOVAL	176	SF	WORK ZONE SIGNS (STATIONARY)
250	CY	SHALLOW UNDERCUT	192	SF	WORK ZONE SIGNS (PORTABLE)
500	TON	CLASS IV SUBGRADE STABILIZATION	125	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6,900	TON	AGGREGATE BASE COURSE	2	EA	FLASHING ARROW BOARD
200	TON	INCIDENTAL STONE BASE	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
5,650	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	126	EA	DRUMS
40	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	25	EA	CONES
2,300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	160	LF	BARRICADES (TYPE III)
2,430	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	600	HR	FLAGGER
260	TON	ASPHALT BINDER FOR PLANT MIX	1	EA	TEMPORARY CRASH CUSHIONS
51	EA	RIGHT OF WAY MARKERS	1	EA	TMA
0.103	CY	PIPE PLUGS	334	LF	PORTABLE CONCRETE BARRIER
46	EA	MASONRY DRAINAGE STRUCTURES	40	EA	SKINNY DRUM
10.3	LF	MASONRY DRAINAGE STRUCTURES	765	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1	EA	FRAME WITH TWO GRATES, STD 840.16	140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	FRAME WITH TWO GRATES, STD 840.20	9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			775	LF	PAINT PAVEMENT MARKING LINES (8")
			24	LF	PAINT PAVEMENT MARKING LINES (24")
			2	EA	PAINT PAVEMENT MARKING SYMBOL
			13,500	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
			72	EA	SNOWFLOWABLE PAVEMENT MARKERS
			27	LF	8" WATER LINE
			1,794	LF	12" WATER LINE
			1	EA	8" VALVE
			4	EA	12" VALVE

	2,100	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
	200.5	LF	GENERIC STRUCTURE ITEM SPECIAL CONCRETE BARRIER RAIL
1,751	LF	8" SANITARY GRAVITY SEWER	
10	EA	4' DIA UTILITY MANHOLE	
6	EA	5' DIA UTILITY MANHOLE	
8,875	LF	TEMPORARY SILT FENCE	
55	TON	STONE FOR EROSION CONTROL, CLASS A	
450	TON	STONE FOR EROSION CONTROL, CLASS B	
750	TON	SEDIMENT CONTROL STONE	
11	ACR	TEMPORARY MULCHING	
350	LB	SEED FOR TEMPORARY SEEDING	
2.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	
200	LF	TEMPORARY SLOPE DRAINS	
1,800	LF	SAFETY FENCE	
640	CY	SILT EXCAVATION	
31,830	SY	MATTING FOR EROSION CONTROL	
100	SY	COIR FIBER MAT	
430	SY	PERMANENT SOIL REINFORCEMENT MAT	
2,785	LF	1/4" HARDWARE CLOTH	
820	LF	*** TEMPORARY PIPE (18")	
4	EA	SPECIAL STILLING BASINS	
255	LF	WATTLE	
130	LB	POLYACRYLAMIDE (PAM)	
85	LF	COIR FIBER BAFFLE	
12	ACR	SEEDING & MULCHING	
2	ACR	MOWING	
150	LB	SEED FOR REPAIR SEEDING	
0.25	TON	FERTILIZER FOR REPAIR SEEDING	
225	LB	SEED FOR SUPPLEMENTAL SEEDING	
6.75	TON	FERTILIZER TOPDRESSING	
10	MHR	SPECIALIZED HAND MOWING	
40	EA	RESPONSE FOR EROSION CONTROL	
1,220	LF	SIGNAL CABLE	
7	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
710	LF	UNPAVED TRENCHING (***** (1, 2")	
270	LF	DIRECTIONAL DRILL (***** (2, 2")	
11	EA	JUNCTION BOX (STANDARD SIZE)	
610	LF	INDUCTIVE LOOP SAWCUT	
2,150	LF	LEAD-IN CABLE (***** (14-2)	
4	EA	METAL POLE WITH SINGLE MAST ARM	
4	EA	SOIL TEST	
30	CY	DRILLED PIER FOUNDATION	
4	EA	MAST ARM WITH METAL POLE DE- SIGN	
1	EA	SIGNAL CABINET FOUNDATION	
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
5	EA	DETECTOR CARD (TYPE 2070L)	
1	EA	CABINET BASE EXTENDER	
1	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM-MULTIPLE ZONES	
4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM POLE (COLOR BLACK)	

STRUCTURE ITEMS

	100	LF	PILE EXCAVATION IN SOIL
	215	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (11+00.19-L-)	
	89.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+00.19-L-)	
	13,221	LB	REINFORCING STEEL (BRIDGE)
	330	LF	HP12X53 STEEL PILES
	260	LF	HP14X73 GALVANIZED STEEL PILES
	540	TON	RIP RAP CLASS II (2'-0" THICK)
	600	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS	

BRIDGE #313 OVER SOUTHERN RAILROAD ON SR-1618.

[illegible]

2	EA	PDA TESTING
5,377	SF	REINFORCED CONCRETE DECK SLAB
5,271	SF	GROOVING BRIDGE FLOORS
86.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+52.95 -L-)
10,526	LB	REINFORCING STEEL (BRIDGE)
659.79	LF	45" PRESTRESSED CONCRETE GIR- DERS
930	LF	HP12X53 STEEL PILES
775	LF	PP ** X **** GALVANIZED STEEL PILES (PP 24 x 0.50)
256.26	LF	TWO BAR METAL RAIL
271.67	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" x 2'-6")
935	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140617 018

CONTRACT ID : C203393 34599.2.FR1

DIV OFFICE SYLVA

LENGTH = 0.777 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, SIGNALS, WALL, RAIL, & STRS.

DBE GOAL 12.0% COMPLETION DATE : FEB 12 2018

NC-209 FROM US-23 BUS TO NORTH OF SR-1523.

ROADWAY ITEMS					
			2,000	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")
			420	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 5-1/2")
Lump Sum	LS	MOBILIZATION	200	SY	INCIDENTAL MILLING
Lump Sum	LS	CONSTRUCTION SURVEYING	1,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	13,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	10,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
260,000	CY	UNCLASSIFIED EXCAVATION	850	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
325	CY	UNDERCUT EXCAVATION	11,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,000	CY	DRAINAGE DITCH EXCAVATION	1,870	TON	ASPHALT BINDER FOR PLANT MIX
800	LF	BERM DITCH CONSTRUCTION	985	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
24,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	4,800	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
200	CY	SELECT GRANULAR MATERIAL	112	CY	SUBDRAIN EXCAVATION
700	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
1,700	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	84	CY	SUBDRAIN COARSE AGGREGATE
6,536	SY	FOUNDATION CONDITIONING GEO- TEXTILE	500	LF	6" PERFORATED SUBDRAIN PIPE
64	LF	24" SIDE DRAIN PIPE	1	EA	SUBDRAIN PIPE OUTLET
6,828	LF	15" RC PIPE CULVERTS, CLASS IV	6	LF	6" OUTLET PIPE
1,680	LF	18" RC PIPE CULVERTS, CLASS IV	5.6	CY	ENDWALLS
388	LF	24" RC PIPE CULVERTS, CLASS IV	2.223	CY	PIPE COLLARS
44	LF	30" RC PIPE CULVERTS, CLASS IV	0.181	CY	PIPE PLUGS
224	LF	42" RC PIPE CULVERTS, CLASS IV	42	CY	FLOWABLE FILL
156	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	168	EA	MASONRY DRAINAGE STRUCTURES
348	LF	15" CS PIPE CULVERTS, 0.064" THICK	18.1	CY	MASONRY DRAINAGE STRUCTURES
128	LF	18" CS PIPE CULVERTS, 0.064" THICK	43	LF	MASONRY DRAINAGE STRUCTURES
128	LF	24" CS PIPE CULVERTS, 0.064" THICK	10	EA	FRAME WITH TWO GRATES, STD 840.16
5	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	9	EA	FRAME WITH TWO GRATES, STD 840.20
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	20	EA	FRAME WITH TWO GRATES, STD 840.22
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	3	EA	FRAME WITH TWO GRATES, STD 840.29
130	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (36", 0.5")	13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
1,020	LF	GENERIC PIPE ITEM 15" DUCTILE IRON PIPE	36	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
448	LF	GENERIC PIPE ITEM 18" DUCTILE IRON PIPE	31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
460	LF	GENERIC PIPE ITEM 24" DUCTILE IRON PIPE	7	EA	FRAME WITH COVER, STD 840.54
240	LF	GENERIC PIPE ITEM 36" DUCTILE IRON PIPE	32	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
12	LF	GENERIC PIPE ITEM 48" DUCTILE IRON PIPE	33	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
2	EA	GENERIC PIPE ITEM 15" DUCTILE IRON PIPE ELBOW	12,500	LF	2'-6" CONCRETE CURB & GUTTER
3,751	LF	PIPE REMOVAL	460	LF	SHOULDER BERM GUTTER
1	EA	PIPE CLEAN-OUT	70	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	FINE GRADING	3,300	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
180	TON	#57 STONE	960	LF	VARIABLE HEIGHT CONCRETE BAR- RIER, TYPE ***** (T1)
100	CY	SHALLOW UNDERCUT	280	LF	VARIABLE HEIGHT CONCRETE BAR- RIER, TYPE ***** (T2)
100	TON	CLASS IV SUBGRADE STABILIZA- TION	1,100	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
1,500	TON	STABILIZER AGGREGATE	230	SY	GENERIC PAVING ITEM 3' x 6" CONCRETE PAD
5,000	SY	GEOTEXTILE FOR PAVEMENT STA- BILIZATION	2	EA	ADJUSTMENT OF DROP INLETS
1,500	TON	INCIDENTAL STONE BASE	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE
900	CY	SHOULDER BORROW	1,800	LF	STEEL BM GUARDRAIL
140	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	300	LF	STEEL BM GUARDRAIL, SHOP CURVED
170	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5-1/2")	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS

20	EA	ADDITIONAL GUARDRAIL POSTS	17,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	8,208	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	3,373	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	3,410	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
5	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	908	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
2,650	LF	REMOVE EXISTING GUARDRAIL	1,167	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
2,150	LF	WOVEN WIRE FENCE, 47" FABRIC	672	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
130	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
50	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	158	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
460	TON	RIP RAP, CLASS I	76,908	LF	PAINT PAVEMENT MARKING LINES (4")
80	TON	RIP RAP, CLASS II	21,444	LF	PAINT PAVEMENT MARKING LINES (6")
480	TON	RIP RAP, CLASS B	6,471	LF	PAINT PAVEMENT MARKING LINES (8")
4,400	SY	GEOTEXTILE FOR DRAINAGE	2,967	LF	PAINT PAVEMENT MARKING LINES (12")
2,242	TON	AGGREGATE BASE COURSE (SUB-BALLAST)	1,609	LF	PAINT PAVEMENT MARKING LINES (24")
36	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	32	EA	PAINT PAVEMENT MARKING CHARACTER
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	345	EA	PAINT PAVEMENT MARKING SYMBOL
48	CY	OVERHEAD FOOTING	77	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)
16,475	LB	SUPPORTS, BREAKAWAY STEEL BEAM			(HIGHLY REFLECTIVE ELEMENTS)
10,552	LB	SUPPORTS, SIMPLE STEEL BEAM	8,447	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2,926	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	1,326	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
2	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	45	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+50-Y2L2-)	107	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (20+00-Y2L2-)	25	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
8	EA	SIGN ERECTION, TYPE D	13	EA	PERMANENT RAISED PAVEMENT MARKERS
130	EA	SIGN ERECTION, TYPE E	1,051	EA	SNOWPLOWABLE PAVEMENT MARKERS
14	EA	SIGN ERECTION, TYPE F	3	EA	100' HIGH MOUNT STANDARD
5	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	1	EA	PORTABLE DRIVE UNIT
5	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	19	CY	HIGH MOUNT FOUNDATIONS
20	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	18	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	3	EA	LIGHT STANDARD, TYPE MTLT ***** (45' TA, 15' ARM)
2	EA	SIGN ERECTION, MILEMARKERS	2	EA	STANDARD FOUNDATION ***** (R1)
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	1	EA	STANDARD FOUNDATION ***** (R2)
7	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	6	EA	LIGHT STANDARD LUMINAIRES, TYPE RDW 400W HPS
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	1	EA	ELECTRIC SERVICE POLE ****
7	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
80	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V)
1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	154	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
2	EA	GENERIC SIGNING ITEM	172	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
1,295	SF	WORK ZONE SIGNS (STATIONARY)	122	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
968	SF	WORK ZONE SIGNS (PORTABLE)	524	LF	** #8 W/G FEEDER CIRCUIT (2)
430	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	138	LF	** #6 W/G FEEDER CIRCUIT (2)
6	EA	FLASHING ARROW BOARD	2,434	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)
5	EA	PORTABLE CHANGEABLE MESSAGE SIGN	1,067	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)
700	EA	DRUMS	8	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
200	EA	CONES	3	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)
584	LF	BARRICADES (TYPE III)	775	LF	2" WATER LINE
1,392	HR	FLAGGER	507	LF	6" WATER LINE
5	EA	TEMPORARY CRASH CUSHIONS			
2	EA	TMA			
1,554	LF	PORTABLE CONCRETE BARRIER			
100	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			
248	HR	LAW ENFORCEMENT			
50	EA	TUBULAR MARKERS (FIXED)			
871	EA	TEMPORARY RAISED PAVEMENT MARKERS			
12,544	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			

634	LF	8" WATER LINE
5,119	LF	10" WATER LINE
2	EA	2" VALVE
5	EA	6" VALVE
6	EA	8" VALVE
18	EA	10" VALVE
8	EA	RELOCATE WATER METER
3	EA	RECONNECT WATER METER
3	EA	RELOCATE FIRE HYDRANT
2,902	LF	8" SANITARY GRAVITY SEWER
10	EA	SANITARY SEWER CLEAN-OUT
12	EA	4' DIA UTILITY MANHOLE
3	EA	5' DIA UTILITY MANHOLE
18.81	LF	UTILITY MANHOLE WALL, 4' DIA
20.35	LF	UTILITY MANHOLE WALL, 5' DIA
5,753	LF	ABANDON 8" UTILITY PIPE
12	EA	ABANDON UTILITY MANHOLE
288	LF	12" ENCASEMENT PIPE
849	LF	16" ENCASEMENT PIPE
223	LF	24" ENCASEMENT PIPE
144	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
144	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
307	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL
307	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL
12,600	LF	TEMPORARY SILT FENCE
1,225	TON	STONE FOR EROSION CONTROL, CLASS A
2,750	TON	STONE FOR EROSION CONTROL, CLASS B
3,500	TON	SEDIMENT CONTROL STONE
42	ACR	TEMPORARY MULCHING
2,400	LB	SEED FOR TEMPORARY SEEDING
12	TON	FERTILIZER FOR TEMPORARY SEEDING
500	LF	TEMPORARY SLOPE DRAINS
1,200	LF	SAFETY FENCE
4,500	CY	SILT EXCAVATION
96,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
1,200	SY	PERMANENT SOIL REINFORCEMENT MAT
6,350	LF	1/4" HARDWARE CLOTH
45	CY	STILLING BASINS
1,510	LF	COIR FIBER WATTLE
820	LB	POLYACRYLAMIDE (PAM)
1,600	LF	COIR FIBER BAFFLE
42	ACR	SEEDING & MULCHING
21	ACR	MOWING
450	LB	SEED FOR REPAIR SEEDING
1.75	TON	FERTILIZER FOR REPAIR SEEDING
1,175	LB	SEED FOR SUPPLEMENTAL SEEDING
35.25	TON	FERTILIZER TOPDRESSING
185	LF	IMPERVIOUS DIKE
60	MHR	SPECIALIZED HAND MOWING
75	EA	RESPONSE FOR EROSION CONTROL
227	CY	CULVERT DIVERSION CHANNEL
10,370	LF	SIGNAL CABLE
61	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
21	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
8	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2	EA	LOUVER
1,725	LF	MESSENGER CABLE (3/8")
4,075	LF	TRACER WIRE
4,710	LF	UNPAVED TRENCHING (*****) (1, 2")
250	LF	UNPAVED TRENCHING (*****) (1, 5")
1,675	LF	DIRECTIONAL DRILL (*****) (1, 2")
1,095	LF	DIRECTIONAL DRILL (*****) (3, 2")
45	EA	JUNCTION BOX (STANDARD SIZE)
21	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
12	EA	WOOD POLE
25	EA	GUY ASSEMBLY
3	EA	1" RISER WITH WEATHERHEAD
7	EA	2" RISER WITH WEATHERHEAD
1	EA	2" RISER WITH HEAT SHRINK TUBING
5,865	LF	INDUCTIVE LOOP SAWCUT

17,808	LF	LEAD-IN CABLE (*****) (14-12)
4	EA	SITE SURVEY
15	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
4	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
4,350	LF	COMMUNICATIONS CABLE (**FIBER) (12)
1	EA	MODIFY SPLICE ENCLOSURE
5	EA	INTERCONNECT CENTER
4	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
15	EA	DELINEATOR MARKER
5	EA	900MHZ RADIO
1	EA	MODIFY RADIO INSTALLATION
4,500	LF	REMOVE EXISTING COMMUNICATIONS CABLE
15	EA	METAL POLE WITH SINGLE MAST ARM
2	EA	METAL POLE WITH DUAL MAST ARM
17	EA	SOIL TEST
85	CY	DRILLED PIER FOUNDATION
17	EA	MAST ARM WITH METAL POLE DESIGN
18	EA	SIGN FOR SIGNALS
5	EA	SIGNAL CABINET FOUNDATION
5	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
40	EA	DETECTOR CARD (TYPE 2070L)
5	EA	CABINET BASE EXTENDER
1	EA	TRAFFIC SIGNAL REMOVAL
2	EA	GENERIC SIGNAL ITEM PROTECTIVE HUNTER GREEN COATING FOR DUAL MAST ARM ASSEMBLY
15	EA	GENERIC SIGNAL ITEM PROTECTIVE HUNTER GREEN COATING FOR SINGLE MAST ARM ASSEMBLY
500	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (11+41.87-Y4-)
138	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
160.3	CY	CLASS A CONCRETE (CULVERT)
27,432	LB	REINFORCING STEEL (CULVERT)

WALL ITEMS

8,643	SF	SOIL NAIL RETAINING WALLS
2	EA	SOIL NAIL VERIFICATION TESTS
4	EA	SOIL NAIL PROOF TESTS

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (42+60.93-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (ABUT 2, 18+81.73-RR-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (ABUT 1, 18+81.73-RR-)
156	LF	***,***" DIA DRILLED PIERS IN SOIL (5'-0")
366	LF	***,***" DIA DRILLED PIERS IN SOIL (5'-6")
30	LF	***,***" DIA DRILLED PIERS NOT IN SOIL (5'-0")
51	LF	***,***" DIA DRILLED PIERS NOT IN SOIL (5'-6")
24	LF	PERMANENT STEEL CASING FOR ***,***" DIA DRILLED PIER (5'-6")
1	EA	PDA TESTING
9	EA	SID INSPECTIONS
9	EA	SPT TESTING

9	EA	CSL TESTING
6,140	SF	REINFORCED CONCRETE DECK SLAB
491.4	CY	CLASS AA CONCRETE (BRIDGE)
260,555	LB	REINFORCING STEEL (BRIDGE)
27,066	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
612,300	LS	APPROX LBS STRUCTURAL STEEL
Lump Sum	LS	PAINTING OF STRUCTURAL STEEL
4,230	LF	HP14X73 STEEL PILES
84	EA	STEEL PILE POINTS
217.8	SY	METHOD B DAMPPROOFING
558	LF	1'-***X ***** CONCRETE PARA-PET (1'-0" X 2'-0")
137	SY	4" SLOPE PROTECTION
65	TON	RIP RAP, CLASS ** (I)
544	TON	RIP RAP CLASS II (2'-0" THICK)
824	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (18+81.73-RR-)
Lump Sum	LS	GENERIC STRUCTURE ITEM CONDUIT IN PARAPET @ STA18+81.73-RR-
Lump Sum	LS	GENERIC STRUCTURE ITEM SELF-LUBRICATING EXPANSION BEARING ASSEMBLIES
Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY RAILROAD SHORING
635	LF	GENERIC STRUCTURE ITEM METAL HANDRAIL WITH FENCING
682	SY	GENERIC STRUCTURE ITEM MEMBRANE LAYER WATER- PROOFING FOR DECK
682	SY	GENERIC STRUCTURE ITEM ONE-INCH ASPHALT PLANKING PROTECTIVE COURSE FOR DECK
35.2	SY	GENERIC STRUCTURE ITEM TWO-PART MEMBRANE WATER- PROOFING SYSTEM

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L140617 019****CONTRACT ID : C203409 38408.3.FS1****DIV OFFICE SYLVA****LENGTH = 0.421 MI****COUNTY : JACKSON****GRADING, DRAINAGE, PAVING, AND STRUCTURE.****DBE GOAL 7.0% COMPLETION DATE : MAR 30 2017****BRIDGE #145 OVER SR-1705, SOUTHERN RAILROAD, AND SCOTT CREEK ON US-23/74.**

ROADWAY ITEMS					
			105	TON	RIP RAP, CLASS I
			60	TON	RIP RAP, CLASS B
			2,550	SY	GEOTEXTILE FOR DRAINAGE
			194	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			5	EA	SIGN ERECTION, TYPE E
			5	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			1	EA	DISPOSAL OF SIGN, D, E OR F
			1,548	SF	WORK ZONE SIGNS (STATIONARY)
			308	SF	WORK ZONE SIGNS (PORTABLE)
			229	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW BOARD
			2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			170	EA	DRUMS
			152	LF	BARRICADES (TYPE III)
			30	DAY	FLAGGER
			4	EA	TEMPORARY CRASH CUSHIONS
			2	EA	RESET TEMPORARY CRASH CUSHION
			2	EA	TMA
			2,570	LF	PORTABLE CONCRETE BARRIER
			520	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			2,560	LF	RESET PORTABLE CONCRETE BARRIER
			400	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)
			50	HR	LAW ENFORCEMENT
			170	EA	SKINNY DRUM
			415	EA	TEMPORARY RAISED PAVEMENT MARKERS
			55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			1	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			8,067	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			46,395	LF	PAINT PAVEMENT MARKING LINES (4")
			2	EA	PAINT PAVEMENT MARKING SYMBOL
			11,407	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
			23,146	LF	(HIGHLY REFLECTIVE ELEMENTS) REMOVAL OF PAVEMENT MARKING LINES (4")
			84	EA	SNOWPLOWABLE PAVEMENT MARKERS
			4,200	LF	TEMPORARY SILT FENCE
			270	TON	STONE FOR EROSION CONTROL, CLASS A
			265	TON	STONE FOR EROSION CONTROL, CLASS B
			770	TON	SEDIMENT CONTROL STONE
			3	ACR	TEMPORARY MULCHING
			200	LB	SEED FOR TEMPORARY SEEDING
			1	TON	FERTILIZER FOR TEMPORARY SEEDING
			200	LF	TEMPORARY SLOPE DRAINS
			300	LF	SAFETY FENCE
			240	CY	SILT EXCAVATION
			8,400	SY	MATTING FOR EROSION CONTROL
			1,100	SY	COIR FIBER MAT
			625	LF	1/4" HARDWARE CLOTH
			24	EA	SPECIAL STILLING BASINS
			120	LF	WATTLE
			85	LB	POLYACRYLAMIDE (PAM)
			3	ACR	SEEDING & MULCHING
			1.5	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			75	LB	SEED FOR SUPPLEMENTAL SEEDING
			2.25	TON	FERTILIZER TOPDRESSING
			10	MHR	SPECIALIZED HAND MOWING
			18	EA	RESPONSE FOR EROSION CONTROL
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH			
		FILL, STATION *****			
		(27+11.72)			
Lump Sum	LS	GRADING			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	100	CY			UNDERCUT EXCAVATION
	10	CY			DRAINAGE DITCH EXCAVATION
	100	CY			SELECT GRANULAR MATERIAL
	200	SY			GEOTEXTILE FOR SOIL STABILIZATION
	924	SF			TEMPORARY SHORING
	20	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	70	SY			FOUNDATION CONDITIONING GEOTEXTILE
	40	LF			18" SIDE DRAIN PIPE
	148	LF			18" RC PIPE CULVERTS, CLASS III
	78	LF			PIPE REMOVAL
	1	EA			PIPE CLEAN-OUT
	50	CY			SHALLOW UNDERCUT
	95	TON			CLASS IV SUBGRADE STABILIZATION
	120	TON			INCIDENTAL STONE BASE
	3,403	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (3")
	400	SY			INCIDENTAL MILLING
	1,720	TON			ASPHALT CONC BASE COURSE, TYPE B25.0C
	650	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
	3,608	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C
	60	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	325	TON			ASPHALT BINDER FOR PLANT MIX
	80	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	7,000	LF			MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
	22.4	CY			SUBDRAIN EXCAVATION
	16.8	CY			SUBDRAIN FINE AGGREGATE
	100	LF			6" PERFORATED SUBDRAIN PIPE
	1	EA			SUBDRAIN PIPE OUTLET
	6	LF			6" OUTLET PIPE
	7	EA			MASONRY DRAINAGE STRUCTURES
	1	EA			FRAME WITH TWO GRATES, STD 840.24
	5	EA			FRAME WITH TWO GRATES, STD 840.29
	15	LF			SHOULDER BERM GUTTER
	1,865	LF			CONCRETE BARRIER, TYPE ***** (IV)
	1,975	LF			STEEL BM GUARDRAIL
	10	EA			ADDITIONAL GUARDRAIL POSTS
	2	EA			GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
	1	EA			GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE III
	2	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
	740	LF			REMOVE & RESET EXISTING GUARDRAIL
	1,130	LF			REMOVE EXISTING GUARDRAIL
	1	EA			TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
	2	EA			GENERIC GUARDRAIL ITEM IMPACT ATTENUATOR UNIT, TYPE 350 (TEMPORARY)

0.1 ACR REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (27+11.72-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (27+11.72-L-)
456	CY	FOUNDATION EXCAVATION
209.41	LF	4'-0" DIA DRILLED PIERS IN SOIL
60	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
64.95	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
1	EA	PDA TESTING
6	EA	SID INSPECTIONS
6	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (27+11.72-L-)
26,842	SF	REINFORCED CONCRETE DECK SLAB
26,982	SF	GROOVING BRIDGE FLOORS
580.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (27+11.72-L-)
100,668	LB	REINFORCING STEEL (BRIDGE)
14,875	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
982,000	LS	APPROX LBS STRUCTURAL STEEL
455	LF	HP12X53 STEEL PILES
15	EA	STEEL PILE POINTS
602.38	LF	TWO BAR METAL RAIL
360.17	LF	CONCRETE MEDIAN BARRIER
637.68	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" x 2'-6")
190	TON	RIP RAP, CLASS ** (I)
140	TON	RIP RAP CLASS II (2'-0" THICK)
366	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS