

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PAT MCCRORY GOVERNOR ANTHONY J. TATA SECRETARY

July 11, 2014

NOTICE TO:

All Prequalified Contractors

FROM:

R. A. Garris, PE

State Contract Officer

SUBJECT:

Broadcast of Raleigh Central Highway Letting

Effective with the July 15, 2014 Highway Letting the broadcast of the bid opening is changing to a new format. The new method will be broadcast via LiveStream. This can be accessed by clicking on the link below or by using the following manual process.

Go to Raleigh Central Letting and click on "Live Now" which will be available 15 minutes prior to Letting.

## Manual process:

Go to www.livestream.com, click on the "Watch" button and then type NCDOT Raleigh Central Letting into the search events window. Select the Raleigh Central Letting event for the desired date. Click "Live Now" to listen to the audio after the event has started.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON JANUARY 20, 2015. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

- 1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.
- 2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.
- 3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE https://connect.ncdot.gov/letting/Pages/.

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

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

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

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

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

PROPOSAL FORMS AT \$25.00 EACH, PLANS (SMALL SIZE) AT \$40.00 PER SET, PLANS (LARGE SIZE) AT \$100.00 PER SET, AND CROSS-SECTIONS AT \$40.00 PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

TODAY'S DATE IS DECEMBER 19, 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>	DIVISION ENGINEER Jerry Jennings, PE	LOCATION 113 AIRPORT DRIVE, SUITE 100	TOWN EDENTON	TELEPHONE (252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Fussell, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Robert W Stone II, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Reuben D Chandler, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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Bid Let	Bid Letting Number L150120							
RPN C	RPN Contract Id WBS County Length JobType							
001 C	C203533	33773.3.FR2	LENOIR	0.445 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.			
002 C	C203520	35601.3.R3	CRAVEN	1.026 MI	GRADING, DRAINAGE, AND PAVING.			
003 C	C203619	43770.3.1 ETC.	ONSLOW	24.964 MI	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.			
004 C	C203629	3CR.10311.167 ET	DUPLIN	20.840 MI	MILLING & RESURFACING.			
005 C	C203631	3CR.10671.169 ET	ONSLOW	23.200 MI	MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.			
006 C	C203552	3CR.108211.168 E	SAMPSON	15.830 MI	MILLING & RESURFACING.			
007 C	C203517	42251.3.FD1	WAKE	0.144 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.			
008 C	C203634	5CR.10921.54 ETC	WAKE	19.860 MI	MILLING, RESURFACING, AND SHOULDER GRADING.			
009 C	C203633	5CR.20921.55	WAKE	21.420 MI	MILLING, RESURFACING, AND SHOULDER GRADING.			
010 C	C203256	34962.3.FD1	GUILFORD	3.388 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.			
011 C	C203515	38573.3.FD1	ROCKINGHAM	0.303 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.			
012 C	C203516	40078.3.FD1	ALAMANCE	0.066 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.			
013 C	C203518	42261.3.FS1	GUILFORD	0.440 MI	GRADING, DRAINAGE, PAVING, ITS AND STRUCTURES.			
014 C	C203628	10CR.10841.42 ET	STANLY	10.210 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.			
015 C	C203519	55057.3.FS1	HAYWOOD	0.445 MI	GRADING, DRAINAGE, PAVING, RET WALL & ROCK SLOPE STABIL.			

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

CONTRACT ID: C203533 33773.3.FR2 DIV OFFICE GREENVILLE LENGTH = 0.445 MI

COUNTY : LENOIR

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.

#### DBE GOAL 4.0% COMPLETION DATE: FEB 06 2017

#### BRIDGES #42 AND #43 OVER NEUSE RIVER ON US-70/US-258B.

		ROADWAY ITEMS	18	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			3,200	LF	2'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	MOBILIZATION	1,590	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	CONSTRUCTION SURVEYING	6	EA	CONCRETE CURB RAMP
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	90 1,010	SY SY	6" CONCRETE DRIVEWAY 5" MONOLITHIC CONCRETE ISLANDS
Lump Sum	LS	(20+17.50) REINFORCED BRIDGE APPROACH	287.5	LF	(SURFACE MOUNTED) STEEL BM GUARDRAIL
Zamp Jam	2.5	FILL, STATION ************************************	50	LF	STEEL BM GUARDRAIL, SHOP CURVED
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	5 1	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE
2,500	CY	UNDERCUT EXCAVATION			AT-1
Lump Sum	LS	GRADING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
11,750	CY	BORROW EXCAVATION	3	EA	GUARDRAIL ANCHOR UNITS, TYPE
52 2,500	CY CY	DRAINAGE DITCH EXCAVATION			350
5,500	SY	SELECT GRANULAR MATERIAL GEOTEXTILE FOR SOIL STABILIZA-	140	LF	GENERIC FENCING ITEM
5,500	31	TION	5	TON	HIGH VISIBILITY FENCE RIP RAP, CLASS I
270	TON	FOUNDATION CONDITIONING MATE-	15	TON	RIP RAP, CLASS B
0.40	OX.	RIAL, MINOR STRUCTURES	920	SY	GEOTEXTILE FOR DRAINAGE
840	SY	FOUNDATION CONDITIONING GEO- TEXTILE	1	CY	REINFORCED CONCRETE SIGN FOUN-
1,300	LF	***" RC PIPE CULVERTS, CLASS *****	388	LB	DATIONS SUPPORTS, BREAKAWAY STEEL BEAM
		(15", V)	410	LF	SUPPORTS, WOOD
228	LF	***" RC PIPE CULVERTS, CLASS	4	EA	SIGN ERECTION, TYPE D
		****	11	EA	SIGN ERECTION, TYPE E
		(18", V)	5	EA	SIGN ERECTION, TYPE F
76	LF	15" RC PIPE CULVERTS, CLASS	1	EA	SIGN ERECTION, TYPE ***
136	LF	III 18" RC PIPE CULVERTS, CLASS			(GROUND MOUNTED) (B)
290	LF	III 15" RC PIPE CULVERTS, CLASS IV	27	EA	DISPOSAL OF SIGN SYSTEM, WOOD
380 32	LF	18" RC PIPE CULVERTS, CLASS IV	630	SF	WORK ZONE SIGNS (STATIONARY)
368	LF	15" CS PIPE CULVERTS, 0.064"	512	SF	WORK ZONE SIGNS (PORTABLE)
	EA	THICK **" CS PIPE ELBOWS, *****"	120	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
14	EA	THICK	2	EA	FLASHING ARROW BOARD
		(15", 0.064")	7	EA	PORTABLE CHANGEABLE MESSAGE SIGN
588	LF	PIPE REMOVAL	100	EA	DRUMS
1,000	CY	SHALLOW UNDERCUT	20	EA	CONES
1,900	TON	CLASS IV SUBGRADE STABILIZA- TION	136	LF	BARRICADES (TYPE III)
500	TON	AGGREGATE BASE COURSE	20	DAY	
200	TON	INCIDENTAL STONE BASE	2	EA	TEMPORARY CRASH CUSHIONS
105	GAL	PRIME COAT	2 140	EA	TMA
300	SY	INCIDENTAL MILLING	3,140	LF	PORTABLE CONCRETE BARRIER
2,850	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	140 20	LF HR	WATER FILLED BARRIER LAW ENFORCEMENT
2,350	TON	ASPHALT CONC INTERMEDIATE	70	EA	SKINNY DRUM
	mo	COURSE, TYPE I19.0C	3	EA	GENERIC TRAFFIC CONTROL ITEM
2,010	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	50	EA	SIGNS, COVERING TEMPORARY RAISED PAVEMENT
360	TON	ASPHALT BINDER FOR PLANT MIX			MARKERS
112	CY	SUBDRAIN EXCAVATION	110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	5,279	LF	THERMOPLASTIC PAVEMENT MARKING
84	CY	SUBDRAIN COARSE AGGREGATE			LINES (4", 120 MILS)
500	LF	6" PERFORATED SUBDRAIN PIPE	450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1	EA	SUBDRAIN PIPE OUTLET	435	LF	THERMOPLASTIC PAVEMENT MARKING
6	LF	6" OUTLET PIPE			LINES (24", 120 MILS)
44 3.4	EA LF	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES	41	EA	THERMOPLASTIC PAVEMENT MARKING
18	EA	FRAME WITH TWO GRATES, STD	4 400		SYMBOL (90 MILS)
		840.16	1,480	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
1	EA	FRAME WITH TWO GRATES, STD 840.24	270	LE	(II)
5	EA	FRAME WITH GRATE & HOOD, STD 840.03. TYPE **	370	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
		(E)	28,600	LF	(IV) PAINT PAVEMENT MARKING LINES
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	2.210	I P	(4")
		(F)	2,210	LF	PAINT PAVEMENT MARKING LINES (6")
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	1,200	LF	PAINT PAVEMENT MARKING LINES
		(G)	98	EA	(24") PAINT PAVEMENT MARKING SYMBOL
1	EA	FRAME WITH COVER, STD 840.54	70		

1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
330	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
220	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
10	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
58	EA	PERMANENT RAISED PAVEMENT MARKERS
5,200	LF	TEMPORARY SILT FENCE
280	TON	STONE FOR EROSION CONTROL, CLASS A
235	TON	STONE FOR EROSION CONTROL, CLASS B
665	TON	SEDIMENT CONTROL STONE
5 400	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEED-ING
515	LF	TEMPORARY SLOPE DRAINS
1,000	LF	SAFETY FENCE
340	CY SY	SILT EXCAVATION MATTING FOR EROSION CONTROL
4,000 1,500	SY	COIR FIBER MAT
2,025	LF	1/4" HARDWARE CLOTH
1,650	SY	FLOATING TURBIDITY CURTAIN
4	EA	SPECIAL STILLING BASINS
30	LF	COIR FIBER WATTLE
15	LB	POLYACRYLAMIDE (PAM)
6	ACR	SEEDING & MULCHING
2.5	ACR LB	MOWING SEED FOR REPAIR SEEDING
50 0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
3.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
2,895 25	LF EA	SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3
23	LA	SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
310	LF	MESSENGER CABLE (1/4")
433	LF	MESSENGER CABLE (3/8")
327 10	LF LF	UNPAVED TRENCHING (********) (1, 2") UNPAVED TRENCHING (********)
347	LF	(3, 2") UNPAVED TRENCHING FOR TEMP-
812	LF	ORARY LEAD-IN DIRECTIONAL DRILL (********)
430	LF	(1, 2") DIRECTIONAL DRILL (********)
10	EA	(3, 2") JUNCTION BOX (STANDARD SIZE)
4	EA	JUNCTION BOX (OVER-SIZED, HEA-
7	EA	VY DUTY) WOOD POLE
10	EA EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
6	EA	2" RISER WITH WEATHERHEAD
2,780	LF	INDUCTIVE LOOP SAWCUT
7,197	LF	LEAD-IN CABLE (**********) (14-2)
1	EA	INTERCONNECT CENTER
1	EA	FIBER-OPTIC TRANSCEIVER, DROP
4	EA	& REPEAT METAL POLE WITH SINGLE MAST
	EA	ARM
4 36	EA CY	SOIL TEST DRILLED PIER FOUNDATION
4	EA	MAST ARM WITH METAL POLE DE-
•		SIGN
5	EA	SIGN FOR SIGNALS
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
17	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER
1	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION DETECTOR
3	EA	GENERIC SIGNAL ITEM
		RELOCATE OPTICAL PREEMPTION
		DETECTOR

1 EA GENERIC SIGNAL ITEM
RELOCATE OPTICAL PREEMPTION
PHASE SELECTOR
30 LF GENERIC SIGNAL ITEM
BACK PULL FIBER OPTIC CABLE

## STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
		(20+17.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
13	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA TION AT STATION ******** (20+17.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA TION AT STATION ******** (29+57.00-L-)
62,489	SF	REINFORCED CONCRETE DECK SLAB
50,764	SF	GROOVING BRIDGE FLOORS
684	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(20+17.50-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
04.40#		(29+57.00-L-)
91,195	LB	REINFORCING STEEL (BRIDGE)
2,312.66	LF	54" PRESTRESSED CONCRETE GIR- DERS
3,827.17	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
1,785	LF	HP12X53 STEEL PILES
2,640	LF	HP14X73 STEEL PILES
95	LF	PP ** X **** STEEL PILES (36X0.625)
3,050	LF	PP ** X **** GALVANIZED STEEL PILES (36X0.625)
39	EA	STEEL PILE POINTS
1,036	LF	PREDRILLING FOR PILES
45	EA	PILE REDRIVES
1,506	TON	RIP RAP CLASS II (2'-0" THICK)
1,673	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM ARCHITECTURAL PLINTH FOOTING
Lump Sum	LS	GENERIC STRUCTURE ITEM ELECTRICAL CONDUIT SYS @ STA. 20+17.50-L-
Lump Sum	LS	GENERIC STRUCTURE ITEM ELECTRICAL CONDUIT SYS @ STA. 29+57.00-L-
Lump Sum	LS	GENERIC STRUCTURE ITEM TEST PILE MOBILIZATION
1,683.01	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL

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L150120 002

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203520 35601.3.R3 DIV OFFICE GREENVILLE LENGTH = 1.026 MI

**COUNTY** : CRAVEN

GRADING, DRAINAGE, AND PAVING.

#### MBE GOAL 2.0% WBE 5.0% COMPLETION DATE: JAN 27 2017

#### NC-43 CONNECTOR FROM SOUTH OF US-70 TO US-70.

		ROADWAY ITEMS
Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
2	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
2,500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
164,800	CY	BORROW EXCAVATION
2,100 2,500	CY CY	DRAINAGE DITCH EXCAVATION SELECT GRANULAR MATERIAL
2,830	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
320	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
990	SY	FOUNDATION CONDITIONING GEO- TEXTILE
1,300	LF	15" DRAINAGE PIPE
560	LF	15" RC PIPE CULVERTS, CLASS III
484	LF	24" RC PIPE CULVERTS, CLASS III
216	LF	30" RC PIPE CULVERTS, CLASS III
204	LF	36" RC PIPE CULVERTS, CLASS III
200	LF	54" RC PIPE CULVERTS, CLASS III
1,000	CY	SHALLOW UNDERCUT
190	TON	CLASS IV SUBGRADE STABILIZA- TION
8,900	TON	AGGREGATE BASE COURSE INCIDENTAL STONE BASE
100 300	TON SY	INCIDENTAL STONE BASE INCIDENTAL MILLING
2,690	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
3,140	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
315 112	TON CY	ASPHALT BINDER FOR PLANT MIX SUBDRAIN EXCAVATION
500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
84	CY	SUBDRAIN COARSE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
3.4	CY CY	ENDWALLS REINFORCED ENDWALLS
5.1	EA	MASONRY DRAINAGE STRUCTURES
5.163	CY	MASONRY DRAINAGE STRUCTURES
17.2	LF	MASONRY DRAINAGE STRUCTURES
20	EA	FRAME WITH TWO GRATES, STD 840.22
1	EA	FRAME WITH COVER, STD 840.54
8,900 580	LF EA	WOVEN WIRE FENCE, 47" FABRIC 4" TIMBER FENCE POSTS, 7'-6"
100	EA	LONG 5" TIMBER FENCE POSTS, 8'-0"
200	LE	LONG ADDITIONAL BARBED WIRE
300 40	LF TON	RIP RAP, CLASS I
35	TON	RIP RAP, CLASS B
855	SY	GEOTEXTILE FOR DRAINAGE
1	CY	PLAIN CONCRETE SIGN FOUNDA- TIONS
334	LB	SUPPORTS, BREAKAWAY STEEL BEAM
38	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
307	LF	SUPPORTS, WOOD
14	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
1	EA EA	SIGN ERECTION, TYPE F SIGN ERECTION, TYPE ***
•		(GROUND MOUNTED) (A)
1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
		(B)

7	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
3	EA	DISPOSAL OF SIGN SYSTEM, WOOD
1	EA	DISPOSAL OF SIGN, A, B OR C (GROUND MOUNTED)
28	EA	STOCKPILE SIGN, D, E OR F
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
29	EA	TUBULAR MARKERS (FIXED)
13,341	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
5,986	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
238	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
57	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
312	LF	COLD APPLIED PLASTIC PAVEMENT
312	Li	MARKING LINES, TYPE ** (4")
1,634	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
-	EA	REMOVAL OF PAVEMENT MARKING
5	EA	SYMBOLS & CHARACTERS
10	EA	PERMANENT RAISED PAVEMENT MARKERS
112	EA	SNOWPLOWABLE PAVEMENT MARKERS
13,000	LF	TEMPORARY SILT FENCE
240	TON	STONE FOR EROSION CONTROL, CLASS A
1,860	TON	STONE FOR EROSION CONTROL, CLASS B
1,030	TON	SEDIMENT CONTROL STONE
31	ACR	TEMPORARY MULCHING
2,000	LB	SEED FOR TEMPORARY SEEDING
10	TON	FERTILIZER FOR TEMPORARY SEED-
10	1011	ING
900	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
1,710	CY	SILT EXCAVATION
5,000	SY	MATTING FOR EROSION CONTROL
630	LF	1/4" HARDWARE CLOTH
950	LF	COIR FIBER WATTLE
55	LB	POLYACRYLAMIDE (PAM)
1.025	LF	COIR FIBER BAFFLE
1,023	ACR	SEEDING & MULCHING
17	ACR	MOWING
350	LB	SEED FOR REPAIR SEEDING
1.25	TON	FERTILIZER FOR REPAIR SEEDING
	LB	
925		SEED FOR SUPPLEMENTAL SEEDING
27.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL

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L150120 003

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203619 43770.3.1 DIV OFFICE CASTLE HAYNE LENGTH = 24.964 MI

COUNTY : ONSLOW

WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

DBE GOAL 5.0% COMPLETION DATE: AUG 15 2015

#### 7 SECTIONS OF SECONDARY ROADS.

		MODII IZATION
Lump Sum 600	LS CY	MOBILIZATION BORROW EXCAVATION
13	TON	FOUNDATION CONDITIONING MATE-
70	LF	RIAL, MINOR STRUCTURES 18" RC PIPE CULVERTS, CLASS
500	TON	III INCIDENTAL STONE BASE
36,69	SMI	SHOULDER RECONSTRUCTION
3,329	SY	MILLING ASPHALT PAVEMENT, ***"
3,327		DEPTH (2")
2,750	SY	INCIDENTAL MILLING
8,439	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
6,631	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
17,847	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,906	TON	ASPHALT BINDER FOR PLANT MIX
2,162	TON	GENERIC PAVING ITEM
		ASPHALT CONC SURFACE COURSE, TYPE S4.75A LEVELING
337	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT
		(MILL)
0.64	CY	PIPE COLLARS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
84	SY	6" CONCRETE DRIVEWAY
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
5,925	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
311,494	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
834	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
33	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
4,050	LF	PAINT PAVEMENT MARKING LINES (4")
173,237	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PROFILED
141	EA	PAVEMENT MARKING LINES PERMANENT RAISED PAVEMENT MARKERS
1,083	EA	SNOWPLOWABLE PAVEMENT MARKERS
950	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL,
		CLASS B
120	TON	SEDIMENT CONTROL STONE
40	LF	1/4" HARDWARE CLOTH
300	LF	WATTLE
1	LB	POLYACRYLAMIDE (PAM)
40	LF	COIR FIBER BAFFLE
16.9	ACR	SEEDING & MULCHING

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L150120 004

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203629 3CR.10311.167 DIV OFFICE CASTLE HAYNE LENGTH = 20.840 MI

COUNTY : DUPLIN

MILLING & RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE: NOV 15 2015

#### 1 SECTION EACH OF NC-11, NC-24 BUS, NC-41 AND NC-50 AND 6 SECTIONS OF SECONDARY ROADS.

#### ROADWAY ITEMS

3,675 LF INDUCTIVE LOOP SAWCUT
525 LF LEAD-IN CABLE (\*\*\*\*\*\*\*\*\*\*\*)
(14-2)

Lump Sum	LS	MOBILIZATION
420 156,959	TON SY	INCIDENTAL STONE BASE MILLING ASPHALT PAVEMENT, ***" DEPTH
3,818	SY	(1-1/2") MILLING ASPHALT PAVEMENT, ***" DEPTH (4")
674	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
13,674	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
13,248	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,752	TON	ASPHALT BINDER FOR PLANT MIX
520	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
500	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
107,000	SY	GENERIC PAVING ITEM PAVEMENT INTERLAYER
288	SY	4" CONCRETE SIDEWALK
3	EA	CONCRETE CURB RAMP
263	LF	GENERIC PAVING ITEM REMOVE & REPLACE 1'-6" CURB & GUTTER
50	LF	GENERIC PAVING ITEM REMOVE & REPLACE 2'-0" CURB &
300	LF	GUTTER GENERIC PAVING ITEM REMOVE & REPLACE 2'-6" CURB &
82	EA	GUTTER GENERIC PAVING ITEM DEMOVE & DEPLACE CURB DAMPS
1	EA	REMOVE & REPLACE CURB RAMPS ADJUSTMENT OF CATCH BASINS
32	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,304	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
120	HR	LAW ENFORCEMENT
183,765	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
190,965	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
283	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
225	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
694	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
83	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
142,447	LF	PAINT PAVEMENT MARKING LINES (4")
283	LF	PAINT PAVEMENT MARKING LINES (8")
225	LF	PAINT PAVEMENT MARKING LINES (12")
200	LF	PAINT PAVEMENT MARKING LINES (16")
626	LF EA	PAINT PAVEMENT MARKING LINES (24")  PAINT PAVEMENT MARKING CHARAC
28		PAINT PAVEMENT MARKING CHARACTER
83 869	EA EA	PAINT PAVEMENT MARKING SYMBOL PERMANENT RAISED PAVEMENT
1,085	EA EA	MARKERS SNOWPLOWABLE PAVEMENT MARKERS
1,065	LA	SHOWFLOWABLE FAVENIENT WARNERS

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L150120 005

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203631 3CR.10671.169 DIV OFFICE CASTLE HAYNE LENGTH = 23.200 MI

COUNTY : ONSLOW

MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE: DEC 04 2015

NC-111 FROM DUPLIN CO LINE TO SR-1221, NC-172 FROM US-17 TO PVT CHANGE BEFORE NC-210 & 13 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS
Lump Sum 1,640		MOBILIZATION BORROW EXCAVATION
Lump Sum		FINE GRADING
250	TON	AGGREGATE BASE COURSE
605	TON	INCIDENTAL STONE BASE SHOULDER RECONSTRUCTION
39.38 67,190	SMI SY	MILLING ASPHALT PAVEMENT, ***"
		DEPTH (1-1/2")
3,177	SY	INCIDENTAL MILLING
6,240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
4,699	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
12,022	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
24,512	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
285	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
8,226	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C
3,031	TON	ASPHALT BINDER FOR PLANT MIX
43,401	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #5 STONE
1,283	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
2,408	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT 119.0B (3.0" MILL)
680	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT S9.5B (MILL)
880	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
40,716	SY	GENERIC PAVING ITEM PAVEMENT INTERLAYER
7	EA	ADJUSTMENT OF CATCH BASINS
2	EA	ADJUSTMENT OF DROP INLETS
36 26	EA EA	ADJUSTMENT OF MANHOLES ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
2,896	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS HR	TEMPORARY TRAFFIC CONTROL LAW ENFORCEMENT
40 226,536	LF	THERMOPLASTIC PAVEMENT MARKING
150,508	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
158	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
170	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
133	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
40	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
64,190	LF	PAINT PAVEMENT MARKING LINES (4")
170	LF	PAINT PAVEMENT MARKING LINES (8")
80	LF	PAINT PAVEMENT MARKING LINES (24")
17 886	EA EA	PAINT PAVEMENT MARKING SYMBOL PERMANENT RAISED PAVEMENT
		MARKERS
622 1,942	EA LF	SNOWPLOWABLE PAVEMENT MARKERS TEMPORARY SILT FENCE
487	TON	STONE FOR EROSION CONTROL,
*05	TO:	CLASS B
487 19.42	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING
190	SY	MATTING FOR EROSION CONTROL
974	LF	1/4" HARDWARE CLOTH

 330
 LF
 WATTLE

 20.54
 ACR
 SEEDING & MULCHING

 974
 LB
 SEED FOR REPAIR SEEDING

 4.86
 TON
 FERTILIZER FOR REPAIR SEEDING

 350
 LF
 INDUCTIVE LOOP SAWCUT

 50
 LF
 LEAD-IN CABLE (\*\*\*\*\*\*\*\*\*\*\*\*)

 (14-2)
 (14-2)

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L150120 006

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203552 3CR.108211.168 DIV OFFICE CASTLE HAYNE LENGTH = 15.830 MI

COUNTY : SAMPSON

MILLING & RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE: NOV 06 2015

#### US-701 FROM US-701 BUS TO SR-1724 & 2 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
250	TON	INCIDENTAL STONE BASE
199,756	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
244	SY	INCIDENTAL MILLING
24,250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
6,000	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
120	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,840	TON	ASPHALT BINDER FOR PLANT MIX
20,064	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6M STONE
115	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
150	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
195,838.5	SY	GENERIC PAVING ITEM PAVEMENT INTERLAYER
4	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,808	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
186,783	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
125,706	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
496	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
197	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
41	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
168,384	LF	PAINT PAVEMENT MARKING LINES (4")
496	LF	PAINT PAVEMENT MARKING LINES (12")
197	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARACTER
41	EA	PAINT PAVEMENT MARKING SYMBOL
376	EA	PERMANENT RAISED PAVEMENT MARKERS
766	EA	SNOWPLOWABLE PAVEMENT MARKERS

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L150120 007

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

CONTRACT ID: C203517 42251.3.FD1 DIV OFFICE DURHAM LENGTH = 0.144 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

#### DBE GOAL 9.0% COMPLETION DATE: JAN 11 2016

#### BRIDGE # 157 OVER SMITH CREEK ON SR-1942.

RO	ΔI	W	۸V	ITEN	ЛS

		ROADWAY ITEMS
Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ******
		(15+66.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
400	CY	UNDERCUT EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
50	SY	FOUNDATION CONDITIONING GEO- TEXTILE
32	LF	15" DRAINAGE PIPE
104	LF	***" RC PIPE CULVERTS, CLASS *****
		(15", V)
150 500	TON TON	INCIDENTAL STONE BASE ASPHALT CONC BASE COURSE, TYPE
300		B25.0B
320	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
345	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
65	TON	ASPHALT BINDER FOR PLANT MIX
4	EA	RIGHT OF WAY MARKERS
4 2	EA EA	MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD
-		840.29
2	EA	FRAME WITH COVER, STD 840.54
40 250	LF LF	SHOULDER BERM GUTTER STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE
		**************************************
4	EA	GUARDRAIL ANCHOR UNITS, TYPE
95	TON	III RIP RAP, CLASS B
815	SY	GEOTEXTILE FOR DRAINAGE
445	SF	WORK ZONE SIGNS (STATIONARY)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
6	EA	DRUMS
80 1,520	LF LF	BARRICADES (TYPE III) THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
1,520	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,100	LF	TEMPORARY SILT FENCE
150	TON	CLASS A
85	TON	STONE FOR EROSION CONTROL, CLASS B
140	TON	SEDIMENT CONTROL STONE
2 100	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
800	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
4,400 100	SY SY	MATTING FOR EROSION CONTROL COIR FIBER MAT
175	SY	PERMANENT SOIL REINFORCEMENT
345	LF	MAT 1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
90	LF	WATTLE
45	LB	POLYACRYLAMIDE (PAM)

45 LB POLYACRYLAMIDE (PAM) 1.8 ACR SEEDING & MULCHING

0.9 ACR MOWING

50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDIN
1.25	TON	FERTILIZER TOPDRESSING
200	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

#### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (15+66.00 -L-)
28.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION **********
		(15+66.00 -L-)
4,230	LB	REINFORCING STEEL (BRIDGE)
285	LF	HP12X53 STEEL PILES
100.25	LF	VERTICAL CONCRETE BARRIER RAIL
154	TON	RIP RAP CLASS II (2'-0" THICK)
171	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
550	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

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L150120 008

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203634 5CR.10921.54 DIV OFFICE DURHAM LENGTH = 19.860 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER GRADING.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE: NOV 06 2015

## US-70 SERVICE ROAD FROM LAKE BOONE TRAIL TO OBERLIN ROAD & 15 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
3,086	CY	BORROW EXCAVATION GENERIC GRADING ITEM
30.85	SMI	SHOULDER GRADING
1,546	TON	INCIDENTAL STONE BASE
115,720	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
106,020	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2-1/2")
4,915	SY	MILLING ASPHALT PAVEMENT, ***" TO ******"
10,697	SY	(0" TO 1-1/2") INCIDENTAL MILLING
2,707	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,368	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
28,173	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,256	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,660	TON	ASPHALT BINDER FOR PLANT MIX
1,946	TON	PATCHING EXISTING PAVEMENT
2 23	EA EA	ADJUSTMENT OF DROP INLETS ADJUSTMENT OF MANHOLES
50	EA	ADJUSTMENT OF METER BOXES OR
2 297	SF	VALVE BOXES WORK ZONE ADVANCE/GENERAL
2,287		WARNING SIGNING
Lump Sum 320	LS HR	TEMPORARY TRAFFIC CONTROL LAW ENFORCEMENT
181,254	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
225,229	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,794	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
906	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,161	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
61	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
181	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,444	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
235,617	LF	PAINT PAVEMENT MARKING LINES (4")
2,254	LF	PAINT PAVEMENT MARKING LINES (8")
100	LF	PAINT PAVEMENT MARKING LINES (16")
817	LF	PAINT PAVEMENT MARKING LINES (24")
45	EA	PAINT PAVEMENT MARKING CHARACTER
114 2,444	EA LF	PAINT PAVEMENT MARKING SYMBOL REMOVAL OF PAVEMENT MARKING
2,618	EA	LINES (4") PERMANENT RAISED PAVEMENT MARKERS
2,231	LF	TEMPORARY SILT FENCE
5,610	LF	WATTLE
22.31	ACR	SEEDING & MULCHING
5,103	LF	INDUCTIVE LOOP SAWCUT

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L150120 009

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203633 5CR.20921.55 DIV OFFICE DURHAM LENGTH = 21.420 MI

COUNTY: WAKE

MILLING, RESURFACING, AND SHOULDER GRADING.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE: OCT 30 2015

#### 14 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
2,958	CY	BORROW EXCAVATION
30.07	SMI	GENERIC GRADING ITEM SHOULDER GRADING
1,550	TON	INCIDENTAL STONE BASE
342,127	SY	MILLING ASPHALT PAVEMENT, ***"
		DEPTH (1-1/2")
1,732	SY	MILLING ASPHALT PAVEMENT, ***"
		TO *****"
		(0" TO 1-1/2")
8,575	SY	INCIDENTAL MILLING
42,579	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,554	TON	ASPHALT BINDER FOR PLANT MIX
3,890	TON	PATCHING EXISTING PAVEMENT
21	EA	ADJUSTMENT OF MANHOLES
39	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,413	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
770	HR	LAW ENFORCEMENT
167,766	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
250,280	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,895	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
3,914	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,972	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
69	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
523	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
223,682	LF	PAINT PAVEMENT MARKING LINES (4")
5,071	LF	PAINT PAVEMENT MARKING LINES (8")
250	LF	PAINT PAVEMENT MARKING LINES (16")
2,761	LF	PAINT PAVEMENT MARKING LINES (24")
55	EA	PAINT PAVEMENT MARKING CHARAC- TER
482	EA	PAINT PAVEMENT MARKING SYMBOL
4,073	EA	PERMANENT RAISED PAVEMENT
.,		MARKERS
Lump Sum	LS	PORTABLE LIGHTING
2,176	LF	TEMPORARY SILT FENCE
5,500	LF	WATTLE
21.76	ACR	SEEDING & MULCHING
14,217	LF	INDUCTIVE LOOP SAWCUT

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L150120 010

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

CONTRACT ID: C203256 34962.3.FD1 DIV OFFICE GREENSBORO LENGTH = 3.388 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

#### DBE GOAL 11.0% COMPLETION DATE: MAR 29 2019

## SR-1820 (SKEET CLUB RD) FROM EAST OF SR-1818 (JOHNSON ST) TO WEST OF NC-68 (EASTCHESTER DR) IN HIGH POINT.

Total			ROADWAY ITEMS	9,140	TON	CLASS IV SUBGRADE STABILIZA-
MORITIATION SIRVEYING			KOM WITTEMS	1.000	TON	
Limp Sum   1.5   MOMENTAL CHANN SURPEYING   1.6   1.						
Limp Sum   15   CONSTRUCT ION SURVIYON   4.50   6.01   PROMISSOR STRUCTURES   4.00   TO ASPECT ION SURVIYORS   4.00   TO ASPECT IO	Lump Sum	LS	MOBILIZATION			
Ling   Sin						
1.00   1.00						
1908   100   SASPIED EXCAVATION   32.00   ASPIRAT.COM.NERMEMBLATE.COM.SEE. TYPE 10.00   TYPE 50.50   SUBLANCE.COM.SEE. TYPE 10.00   TYPE 50.50   SUBLANCE.COM.SEE. TYPE 10.00   TYPE 50.50   TYPE 50.5	2	ACR				
Lamp Sum   1.5   RINNORCED BRIDGE APPROACH   1.5   1	52,900	CY		31,700	TON	
HILL STATION					moss	
Lamp Sum   15   Sam   15   Sam				32,200	TON	
Limp Sum   1.5   S.   S.   S.   S.   S.   S.   S.				5.310	TON	
C33-187-56-L- NT	Lump Sum	LS				
LIMPE NUMBER   SENSINGE APPROXEM   168   CV   SUBBANAN PROCESS   PILL STATION   180   CV   SUBBANAN PROPER AGORGATE   CRIST   SAN COLUMN   180   CV   SUBBANAN PROPER AGORGATE   CRIST   CRI						REPAIR
C38-53.09-L-1	Lump Sum	LS				SUBDRAIN EXCAVATION
2.25						
20,000   CY   BORROW EXCAVATION   6   LF   6   COLTEST PIPE	2.250	CV				
4.50   CV   PRAINAGE DITCH EXCAVATION   22   CY   ENNOVALIS						
1.00   1.0						
22,00 SY   REMOVAL OF EXISTING ASPHALT   1.56 CY   PIPE FULGS						
PAVEMENT   1.96 CY   PIP PLICS   1.97 CY   PIP PLICS   1.96 CY   PIP PLICS   1.97 CY   PAVEMENT   1.96 CY   PIP PLICS   1.97 CY   PAVEMENT   1.98 CY   PAV						
33.00   SY   REANNO OF EXISTING ASPHALT   324   EA MASONEY DEBANGE STRUCTURES   PAVEMENT   324   EA MASONEY DEBANGE STRUCTURES   CONTROL   CONTR						
1,4050   V   SELECT GRANULAR MATERIAL   15   C Y   MASONRY DRAINAGE STRUCTURES   16   C Y   MASONRY DRAINAGE STRUCTURES   16   C Y   MASONRY DRAINAGE STRUCTURES   17   C Y   MASONRY DRAINAGE STRUCTURES   18   C Y   MASONRY DRAINAGE STRUCTUR	33,000	SY		613.1	CY	
14-05   S. Y	2.500	CV.		324	EA	MASONRY DRAINAGE STRUCTURES
154   15				15	CY	MASONRY DRAINAGE STRUCTURES
1	14,050	SY		134	LF	MASONRY DRAINAGE STRUCTURES
1.150   To   To   To   To   To   To   To   T	6,444	SF		1		FRAME WITH GRATE, STD 840.24
1,130   SY   GEOTEXTILE FOR CCK EMBANK   MENTS   MEN	1,700	TON	ROCK EMBANKMENTS	16	EA	
Second Color	1,130	SY	GEOTEXTILE FOR ROCK EMBANK-	20	EΛ	
15.014   ST   POLINATION CONDITIONING MATE   FIAL MINNOR STRUCTURES   10   106   EA   FRAME WITH GRATE & HOOD, STD   107   1				20	LA	
15.01   SP   NONDATION CONDITIONING GEO-				33	EA	FRAME WITH GRATE & HOOD, STD
15.01   S. P.   POLINDATION CONDITIONING GEO- TEXTILE	3,979	TON				840.03, TYPE **
TEXTILE	15 014	SY		106	Е.	* *
The content of the	15,011			106	EA	
1,860	76	LF	12" DRAINAGE PIPE			
1,860	2,252	LF	15" DRAINAGE PIPE	113	EA	FRAME WITH GRATE & HOOD, STD
756	440		18" DRAINAGE PIPE			
20				25	EΛ	* /
100   LF   15" RC PIPE CULVERTS, CLASS   1						
The content of the						
1	100	LI		5	EA	
1	728	LF	18" RC PIPE CULVERTS, CLASS			
1			III	3	EA	
18"   18"	52	LF		1	EA	
The content of the	788	IE				
2	700	LI		5	EA	
208	296	LF	42" RC PIPE CULVERTS, CLASS	_		
1				2	EA	
344	208	LF		5,455	LF	
16,570   15   1-6° CONCRETE CURB & GUTTER   16,570   15   1-6° CONCRETE CURB & GUTTER   15,570   15   15° RC PIPE CULVERTS, CLASS   15° RC PIPE CULVERTS, CLASS IV   18,210   55   6A   MODIFIED CONCRETE FLUME   15,432   15° RC PIPE CULVERTS, CLASS IV   18,210   55   6A   CONCRETE SIDEWALK   18,210   55   6A   CONCRETE CURB RAMP   1,410   15° AUTOMOCITE SIDEWALK   1,722   57° GONCRETE CURB RAMP   1,722   57° GONCRETE DRIVEWAY   1,722   57° GO	211	ΙE		2,122		
15,432	344	LF		16,570	LF	1'-6" CONCRETE CURB & GUTTER
15,432	568	LF		34,775	LF	2'-6" CONCRETE CURB & GUTTER
3,332			III			
4,140						
276						
40						
200   LF				2,300	31	
THICK				25	SY	
244	200					` ,
THICK					E.4	
A	244	LF				
THICK   3	69	ΙE		2	LA	
1         EA         GENERIC PIPE ITEM REMOVE & RESET FES         JUNCTION BOX           4,585         LF         PIPE REMOVAL         1         EA         IMPACT ATTENUATOR UNIT, TYPE 350           Lump Sum         LS         FINE GRADING         4,675         LF         STEEL BM GUARDRAIL           1,455         TON         #57 STONE         325         LF         STEEL BM GUARDRAIL, SHOP CURVED	08	LF		3	EA	
4,585         LF         PIPE REMOVAL         350           Lump Sum         LS         FINE GRADING         4,675         LF         STEEL BM GUARDRAIL           1,455         TON         #57 STONE         325         LF         STEEL BM GUARDRAIL, SHOP CURVED	1	EA				
Lump Sum         LS         FINE GRADING         4,675         LF         STEEL BM GUARDRAIL           1,455         TON         #57 STONE         325         LF         STEEL BM GUARDRAIL, SHOP           4 343         CV         SHALLOW INDERCUT         CURVED			REMOVE & RESET FES	1	EA	
1,455 TON #57 STONE 325 LF STEEL BM GUARDRAIL, SHOP  4 343 CV SHALLOW INDERCUT  CURVED				1.025	1 17	
4 33 CV SHALLOW INDERCUT						
4,54,5 C1 SHALLOW UNDERCUT 10 EA ADDITIONAL GUARDRAIL POSTS				323	1.1	
	4,543	CY	SHALLOW UNDERCUT	10	EA	ADDITIONAL GUARDRAIL POSTS

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			2,439	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	3,012	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
12	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	9	EA	(IV) COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE **
8	EA EA	GUARDRAIL ANCHOR UNITS, TYPE III GUARDRAIL ANCHOR UNITS, TYPE	7	EA	(II) COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE **
3	EA	350 GUARDRAIL ANCHOR UNITS, TYPE	513,936	LF	(IV) PAINT PAVEMENT MARKING LINES
2,844	LF	REMOVE EXISTING GUARDRAIL	,		(4")
237.5	LF	TEMPORARY STEEL BM GUARDRAIL	38,751	LF	PAINT PAVEMENT MARKING LINES (8")
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE *********	5,112	LF	PAINT PAVEMENT MARKING LINES (24")
1	EA	(CAT-1) TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	8	EA	PAINT PAVEMENT MARKING CHARACTER
254	LF	CHAIN LINK FENCE, **" FABRIC	233 50,201	EA LF	PAINT PAVEMENT MARKING SYMBOL REMOVAL OF PAVEMENT MARKING
22	EA	(72") METAL LINE POSTS FOR **" CHAIN LINK FENCE	4,060	LF	LINES (4") REMOVAL OF PAVEMENT MARKING LINES (8")
10	E.A	(72")	500	LF	REMOVAL OF PAVEMENT MARKING
10	EA	METAL TERMINAL POSTS FOR **" CHAIN LINK FENCE	25	EA	LINES (24") REMOVAL OF PAVEMENT MARKING
100	LF	(72") ADDITIONAL BARBED WIRE	33	EA	SYMBOLS & CHARACTERS PERMANENT RAISED PAVEMENT
2	EA	SINGLE GATES, **" HIGH, **' WIDE, **' OPENING	1,447	EA	MARKERS SNOWPLOWABLE PAVEMENT MARKERS
35	TON	(72", 4', 4') RIP RAP, CLASS I	95	LF	8" WATER LINE
135	TON	RIP RAP, CLASS II	2,299	LF EA	12" WATER LINE 8" VALVE
210	TON	RIP RAP, CLASS A	5	EA	12" VALVE
485	TON	RIP RAP, CLASS B	3	EA	6" TAPPING VALVE
95 8,250	TON SY	BOULDERS GEOTEXTILE FOR DRAINAGE	4	EA	2" AIR RELEASE VALVE
5	EA	PREFORMED SCOUR HOLES WITH	48	EA EA	RELOCATE WATER METER RELOCATE **" RPZ BACKFLOW PRE-
2.005		LEVEL SPREADER APRON	+	LA	VENTION ASSEMBLY
2,805 10	LF EA	SUPPORTS, 3-LB STEEL U-CHANNEL SIGN ERECTION, TYPE D	1	EA	(1 1/2")
166	EA	SIGN ERECTION, TYPE E	1	EA	RELOCATE **" RPZ BACKFLOW PRE- VENTION ASSEMBLY
10	EA	SIGN ERECTION, TYPE F			(1")
6	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	2	EA	RELOCATE **" RPZ BACKFLOW PRE- VENTION ASSEMBLY (2")
109	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	1	EA	RELOCATE **" RPZ BACKFLOW PRE- VENTION ASSEMBLY (3/4")
5 5	EA EA	DISPOSAL OF SUPPORT, U-CHANNEL DISPOSAL OF SIGN, D, E OR F	1	EA	FIRE HYDRANT
1,368	SF	WORK ZONE SIGNS (STATIONARY)	33	EA	RELOCATE FIRE HYDRANT
768	SF	WORK ZONE SIGNS (PORTABLE)	4 257	EA LF	16" LINE STOP 8" SANITARY GRAVITY SEWER
141	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	167	LF	10" SANITARY GRAVITY SEWER
3	EA	FLASHING ARROW BOARD	946	LF	12" SANITARY GRAVITY SEWER
7	EA	PORTABLE CHANGEABLE MESSAGE SIGN	9,247 72	LF	16" FORCE MAIN SEWER SANITARY SEWER CLEAN-OUT
2,000	EA	DRUMS	10	EA EA	4' DIA UTILITY MANHOLE
20	EA	CONES	106	LF	UTILITY MANHOLE WALL, 4' DIA
1,632	LF	BARRICADES (TYPE III)	614	LF	ABANDON 8" UTILITY PIPE
9,600 6	HR EA	FLAGGER TEMPORARY CRASH CUSHIONS	492 1,190	LF LF	ABANDON 10" UTILITY PIPE ABANDON 12" UTILITY PIPE
7	EA	RESET TEMPORARY CRASH CUSHION	3,795	LF	ABANDON 12 CHEFF FIFE ABANDON 16" UTILITY PIPE
4	EA	TMA	5	EA	ABANDON UTILITY MANHOLE
2,825 1,260	LF LF	PORTABLE CONCRETE BARRIER PORTABLE CONCRETE BARRIER	5 416	EA LF	REMOVE UTILITY MANHOLE 24" ENCASEMENT PIPE
1,200	LI	(ANCHORED)	390	LF	30" ENCASEMENT PIPE
1,460	LF	RESET PORTABLE CONCRETE BAR- RIER	120	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
1,375	LF	WATER FILLED BARRIER	120	LF	TRENCHLESS INSTALLATION OF 12"
1,670 1,320	LF HR	RESET WATER FILLED BARRIER LAW ENFORCEMENT	200	LE	NOT IN SOIL
50	EA	SKINNY DRUM	208	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
1,319	EA	TEMPORARY RAISED PAVEMENT MARKERS	208	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL
10,060	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	195	LF	TRENCHLESS INSTALLATION OF 30" IN SOIL
36,545	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	195	LF	TRENCHLESS INSTALLATION OF 30" NOT IN SOIL
3,175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1	EA	GENERIC UTILITY ITEM ADJUSTMENT OF WATER METER
3,439	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	1	EA	VAULT TOP GENERIC UTILITY ITEM RELOCATE FIRE WATER METER IN
760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	1	EA	VAULT GENERIC UTILITY ITEM
1,185	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING		-	SUPPORT EXISTING WATER LINE DURING CULVERT INSTALL
48 259	EA EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS) THERMOPLASTIC PAVEMENT MARKING	31,600 2,440	LF TON	TEMPORARY SILT FENCE STONE FOR EROSION CONTROL,
239	ĽА	SYMBOL (90 MILS)	7,000	TON	CLASS A STONE FOR EROSION CONTROL,
					CLASS B

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			19	EA	TYPE II PEDESTAL WITH FOUND-
			7	EA	ATION SIGNAL CABINET FOUNDATION
7,000	TON	SEDIMENT CONTROL STONE	7	EA	CONTROLLER WITH CABINET (TYPE
55	ACR	TEMPORARY MULCHING	42	EA	2070L, BASE MOUNTED) DETECTOR CARD (TYPE 2070L)
3,700	LB	SEED FOR TEMPORARY SEEDING	7	EA	CABINET BASE EXTENDER
18.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	1	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION
6,080	LF	TEMPORARY SLOPE DRAINS			SYSTEM - MULTIPLE ZONE
7,100 24,820	LF CY	SAFETY FENCE SILT EXCAVATION	1	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTOR-
52,000	SY	MATTING FOR EROSION CONTROL			SINGLE ZONE
600	SY	COIR FIBER MAT	2,050	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE
1,600	SY	PERMANENT SOIL REINFORCEMENT MAT			BACK FOLE FIBER OF FIC CABLE
16,660	LF	1/4" HARDWARE CLOTH			
1,200 30	SY EA	FLOATING TURBIDITY CURTAIN SPECIAL STILLING BASINS			CULVERT ITEMS
950	LF	COIR FIBER WATTLE			
1,400	LB	POLYACRYLAMIDE (PAM)	Lump Sum	LS	CULVERT EXCAVATION, STA *****
6,455 35	LF EA	COIR FIBER BAFFLE **" SKIMMER	•		(266+36.00 -L-)
33	EA	(1-1/2")	105	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
4	EA	**" SKIMMER	146.6	CY	CLASS A CONCRETE (CULVERT)
2	EA	(2") **" SKIMMER	20,800	LB	REINFORCING STEEL (CULVERT)
		(2-1/2")			
55 27	ACR ACR	SEEDING & MULCHING MOWING			WALL DEED AC
700	LB	SEED FOR REPAIR SEEDING			WALL ITEMS
2.5	TON	FERTILIZER FOR REPAIR SEEDING			
1,425 42.5	LB TON	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING	1,870	SF	MSE RETAINING WALL NO ****
75	LF	IMPERVIOUS DIKE	680	SF	(1) MSE RETAINING WALL NO ****
30	MHR	SPECIALIZED HAND MOWING	205	ar.	(2)
100 52	EA CY	RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL	385	SF	MSE RETAINING WALL NO **** (6)
5	ACR	REFORESTATION	830	SF	SOLDIER PILE RETAINING WALLS
1.85	ACR	STREAMBANK REFORESTATION	150	SF	SEGMENTAL GRAVITY RETAINING WALLS
40	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			W. ELLS
24,975	LF	SIGNAL CABLE			
107	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			STRUCTURE ITEMS
11	EA	VEHICLE SIGNAL HEAD (12", 4			
16	EA	SECTION) VEHICLE SIGNAL HEAD (12", 5	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
10		SECTION)			REMOVAL OF TEMP ACCESS AT STA
19,300	LF	SECTION) MESSENGER CABLE (1/4")			
19,300 5,300		SECTION)	Lump Sum	LS	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300	LF LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**************)	Lump Sum	LS	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890	LF LF LF LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*********) (1, 2")	1,466	LF	REMOVAL OF TEMP ACCESS AT STA ************ (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ********** (238+33.00 -L-) PILE EXCAVATION IN SOIL
19,300 5,300 730	LF LF LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**************)	•		REMOVAL OF TEMP ACCESS AT STA ************ (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ********** (238+33.00 -L-)
19,300 5,300 730 4,890	LF LF LF LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*************) (1, 2") UNPAVED TRENCHING (***************) (2, 2") UNPAVED TRENCHING FOR TEMP-	1,466 179 207	LF LF LF	REMOVAL OF TEMP ACCESS AT STA ********** (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ********** (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL 3-6" DIA DRILLED PIERS IN SOIL
19,300 5,300 730 4,890 500	LF LF LF LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*********) (1, 2") UNPAVED TRENCHING (*********) (2, 2")	1,466 179	LF LF	REMOVAL OF TEMP ACCESS AT STA ************* (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL 3'-6" DIA DRILLED PIERS IN
19,300 5,300 730 4,890 500 4,525 430	LF LF LF LF LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**********) (1, 2") UNPAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (***********) (2, 2")	1,466 179 207	LF LF LF	REMOVAL OF TEMP ACCESS AT STA ************** (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ************** (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL 3'-6" DIA DRILLED PIERS IN SOIL 3'-6" DIA DRILLED PIERS NOT IN SOIL PERMANENT STEEL CASING FOR
19,300 5,300 730 4,890 500 4,525	LF LF LF LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (***********) (1, 2") UNPAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (*************) (2, 2") JUNCTION BOX (STANDARD SIZE)	1,466 179 207 75 209.8	LF LF LF LF	REMOVAL OF TEMP ACCESS AT STA *********** (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION *********** (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL 3'-6" DIA DRILLED PIERS IN SOIL 3'-6" DIA DRILLED PIERS NOT IN SOIL PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
19,300 5,300 730 4,890 500 4,525 430 55 12	LF LF LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**********) (1, 2") UNPAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (*********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	1,466 179 207	LF LF LF	REMOVAL OF TEMP ACCESS AT STA ************** (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ************** (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL 3'-6" DIA DRILLED PIERS IN SOIL 3'-6" DIA DRILLED PIERS NOT IN SOIL PERMANENT STEEL CASING FOR
19,300 5,300 730 4,890 500 4,525 430 55 12	LF LF LF LF LF EA EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**********) (1, 2") UNPAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (*********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE	1,466 179 207 75 209.8	LF LF LF LF	REMOVAL OF TEMP ACCESS AT STA **************  (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION **************  (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL 3'-6" DIA DRILLED PIERS IN SOIL 3'-6" DIA DRILLED PIERS NOT IN SOIL PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER SID INSPECTIONS CSL TESTING UNCLASSIFIED STRUCTURE EXCAVA-
19,300 5,300 730 4,890 500 4,525 430 55 12	LF LF LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**********) (1, 2") UNPAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (*********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	1,466 179 207 75 209.8	LF LF LF LF EA	REMOVAL OF TEMP ACCESS AT STA **************  (238+33.00 -L-)  REMOVAL OF EXISTING STRUCTURE AT STATION ************  (238+33.00 -L-)  PILE EXCAVATION IN SOIL  PILE EXCAVATION IN SOIL  3-6" DIA DRILLED PIERS IN  SOIL  3-6" DIA DRILLED PIERS NOT IN  SOIL  PERMANENT STEEL CASING FOR 3-6" DIA DRILLED PIER  SID INSPECTIONS  CSL TESTING  UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION **********  (238+33.00 -L-)
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29	LF LF LF LF LF EA EA EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**********) (1, 2") UNPAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (**********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD	1,466 179 207 75 209.8 2 2 Lump Sum	LF LF LF LF EA EA LS	REMOVAL OF TEMP ACCESS AT STA **************  (238+33.00 -L-)  REMOVAL OF EXISTING STRUCTURE AT STATION ************** (238+33.00 -L-)  PILE EXCAVATION IN SOIL  PILE EXCAVATION IN SOIL  3-6" DIA DRILLED PIERS IN SOIL  3-6" DIA DRILLED PIERS NOT IN SOIL  PERMANENT STEEL CASING FOR 3-6" DIA DRILLED PIER SID INSPECTIONS  CSL TESTING  UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ********** (238+33.00 -L-)  REINFORCED CONCRETE DECK SLAB
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4	LF LF LF LF LF EA EA EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (************) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310	LF LF LF LF EA EA LS	REMOVAL OF TEMP ACCESS AT STA ***************  (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION **************  (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION IN SOIL 3'-6" DIA DRILLED PIERS IN SOIL 3'-6" DIA DRILLED PIERS NOT IN SOIL PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER SID INSPECTIONS CSL TESTING UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1	LF LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (************) (2, 2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT	1,466 179 207 75 209.8 2 2 Lump Sum	LF LF LF LF EA EA LS	REMOVAL OF TEMP ACCESS AT STA **************  (238+33.00 -L-)  REMOVAL OF EXISTING STRUCTURE AT STATION ************** (238+33.00 -L-)  PILE EXCAVATION IN SOIL  PILE EXCAVATION IN SOIL  3-6" DIA DRILLED PIERS IN SOIL  3-6" DIA DRILLED PIERS NOT IN SOIL  PERMANENT STEEL CASING FOR 3-6" DIA DRILLED PIER SID INSPECTIONS  CSL TESTING  UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ********** (238+33.00 -L-)  REINFORCED CONCRETE DECK SLAB
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1	LF LF LF LF LF EA EA EA EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (***********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************)	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1	LF LF LF EA EA LS SF SF CY CY	REMOVAL OF TEMP ACCESS AT STA **************  (238+33.00 -L-)  REMOVAL OF EXISTING STRUCTURE AT STATION *************  (238+33.00 -L-)  PILE EXCAVATION IN SOIL  PILE EXCAVATION IN SOIL  3-G" DIA DRILLED PIERS IN  SOIL  3-G" DIA DRILLED PIERS NOT IN  SOIL  PERMANENT STEEL CASING FOR 3-G" DIA DRILLED PIER  SID INSPECTIONS  CSL TESTING  UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION **********  (238+33.00 -L-)  REINFORCED CONCRETE DECK SLAB  CONCRETE WEARING SURFACE  GROOVING BRIDGE FLOORS  CLASS A CONCRETE (BRIDGE)  CLASS A CONCRETE (BRIDGE)
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1	LF LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (***********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************) (14-2) COMMUNICATIONS CABLE (**FIBER)	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3	LF LF LF LF EA EA LS	REMOVAL OF TEMP ACCESS AT STA *************  (238+33.00 -L-)  REMOVAL OF EXISTING STRUCTURE AT STATION *********  (238+33.00 -L-)  PILE EXCAVATION IN SOIL  PILE EXCAVATION IN SOIL  3'-6" DIA DRILLED PIERS IN SOIL  3'-6" DIA DRILLED PIERS NOT IN SOIL  PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER SID INSPECTIONS CSL TESTING  UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION *********  (238+33.00 -L-)  REINFORCED CONCRETE DECK SLAB CONCRETE WEARING SURFACE GROOVING BRIDGE FLOORS  CLASS AA CONCRETE (BRIDGE)
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550	LF LF LF LF EA EA EA EA EA LF LF LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*************) (1, 2") UNPAVED TRENCHING (*************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (*************) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (**************) (14-2) COMMUNICATIONS CABLE (**FIBER) (48)	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum	LF LF LF EA EA LS SF SF CY CY LS	REMOVAL OF TEMP ACCESS AT STA **************** (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION IN SOIL 9-6" DIA DRILLED PIERS IN SOIL 3-6" DIA DRILLED PIERS NOT IN SOIL PERMANENT STEEL CASING FOR 3-6" DIA DRILLED PIER SID INSPECTIONS CSL TESTING UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION *********** (238+33.00 -L-) REINFORCED CONCRETE DECK SLAB CONCRETE WEARING SURFACE GROOVING BRIDGE FLOORS CLASS AA CONCRETE (BRIDGE) CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1	LF LF LF LF LF EA EA EA EA EA EA EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (***********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************) (14-2) COMMUNICATIONS CABLE (**FIBER)	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1	LF LF LF EA EA LS SF SF CY CY	REMOVAL OF TEMP ACCESS AT STA **************  (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION **************  (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION IN SOIL 3'-6" DIA DRILLED PIERS IN SOIL 3'-6" DIA DRILLED PIERS NOT IN SOIL PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIERS SID INSPECTIONS CSL TESTING UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ************************************
19,300 5,300 7300 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7	LF LF LF LF LF EA EA EA EA EA EA EA EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**********) (1, 2") UNPAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (**********) (2, 2") JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (***********) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum	LF LF LF EA ES ESF SF CY CY LS	REMOVAL OF TEMP ACCESS AT STA ************* (238+33.00 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION *********** (238+33.00 -L-) PILE EXCAVATION IN SOIL PILE EXCAVATION IN SOIL 3'-6" DIA DRILLED PIERS IN SOIL 3'-6" DIA DRILLED PIERS NOT IN SOIL PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER SID INSPECTIONS CSL TESTING UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********** (238+33.00 -L-) REINFORCED CONCRETE DECK SLAB CONCRETE WEARING SURFACE GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 7	LF LF LF LF EA EA EA EA EA LF LF LF LF	SECTION)  MESSENGER CABLE (1/4")  MESSENGER CABLE (3/8")  TRACER WIRE  UNPAVED TRENCHING (***********) (1, 2")  UNPAVED TRENCHING (***********) (2, 2")  UNPAVED TRENCHING FOR TEMPORARY LEAD-IN  DIRECTIONAL DRILL (***********) (2, 2")  JUNCTION BOX (STANDARD SIZE)  JUNCTION BOX (OVER-SIZED, HEAVY DUTY)  WOOD POLE  GUY ASSEMBLY  1" RISER WITH WEATHERHEAD  1" RISER WITH WEATHERHEAD  HEAT SHRINK TUBING RETROFIT  KIT  INDUCTIVE LOOP SAWCUT  LEAD-IN CABLE (*************) (14-2)  COMMUNICATIONS CABLE (**FIBER) (48)  DROP CABLE  SPLICE ENCLOSURE  INTERCONNECT CENTER  FIBER-OPTIC TRANSCEIVER, DROP	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum	LF LF LF EA EA LS SF SF CY CY LS	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7	LF LF LF EA EA EA EA LF LF LF LF LF LF LF LF EA EA EA EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (***********) (1, 2") UNPAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (**********) (2, 2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (**********) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum	LF LF LF EA EA LS SF SF CY CY LS LS	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7	LF LF LF EA EA EA EA EA LF LF LF LF	SECTION)  MESSENGER CABLE (1/4")  MESSENGER CABLE (3/8")  TRACER WIRE  UNPAVED TRENCHING (***********) (1, 2")  UNPAVED TRENCHING (**********) (2, 2")  UNPAVED TRENCHING FOR TEMPORARY LEAD-IN  DIRECTIONAL DRILL (**********) (2, 2")  JUNCTION BOX (STANDARD SIZE)  JUNCTION BOX (OVER-SIZED, HEAVY DUTY)  WOOD POLE  GUY ASSEMBLY  1" RISER WITH WEATHERHEAD  2" RISER WITH WEATHERHEAD  HEAT SHRINK TUBING RETROFIT  KIT  INDUCTIVE LOOP SAWCUT  LEAD-IN CABLE (***********) (14-2)  COMMUNICATIONS CABLE (**FIBER) (48)  DROP CABLE  SPLICE ENCLOSURE  INTERCONNECT CENTER  FIBER-OPTIC TRANSCEIVER, DROP & REPEAT  DELINEATOR MARKER  REMOVE EXISTING COMMUNICATIONS	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum	LF LF LF EA ES ESF SF CY CY LS	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7	LF LF LF EA EA EA EA LF LF LF LF LF LF LF LF EA EA EA EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (***********) (1, 2") UNPAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (**********) (2, 2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (**********) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum Lump Sum	LF LF LF EA EA LS SF SF CY LS LS LS LS	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7 10 18,575 3 28	LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*************) (1, 2") UNPAVED TRENCHING (*************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (************) (2, 2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER REMOVE EXISTING COMMUNICATIONS CABLE CABLE TRANSFER METAL STRAIN SIGNAL POLE	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum Lump Sum	LF LF LF EA EA LS SF SF CY CY LS LS LS	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7 10 18,575 3	LF LF LF EA EA EA EA EA LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (***********) (1, 2") UNPAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (**********) (2, 2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER REMOVE EXISTING COMMUNICATIONS CABLE CABLE TRANSFER	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum Lump Sum	LF LF LF EA EA LS SF SF CY LS LS LS LS	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7 10 18,575 3 28 2	LF LF LF EA EA EA EA EA LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (************) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER REMOVE EXISTING COMMUNICATIONS CABLE CABLE TRANSFER METAL STRAIN SIGNAL POLE METAL POLE WITH SINGLE MAST ARM SOIL TEST	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum Lump Sum 1,811 3,359 7,857 2,478	LF LF LF LF EA EA LS SF SF CY CY LS LS LS LS LB LB LB LB	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7 10 18,575 3 28 2 30 180	LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (************) (2, 2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-VY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (***********) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER REMOVE EXISTING COMMUNICATIONS CABLE CABLE TRANSFER METAL STRAIN SIGNAL POLE METAL POLE WITH SINGLE MAST ARM SOIL TEST DRILLED PIER FOUNDATION	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum Lump Sum	LF LF LF EA EA LS SF SF CY CY LS LS LS LB LB	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7 10 18,575 3 28 2	LF LF LF EA EA EA EA EA LF LF LF EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (************) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER REMOVE EXISTING COMMUNICATIONS CABLE CABLE TRANSFER METAL STRAIN SIGNAL POLE METAL POLE WITH SINGLE MAST ARM SOIL TEST	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum Lump Sum 71,811 3,359 7,857 2,478 1,850 28 603.46	LF LF LF EA EA LS SF SF CY CY LS LS LB LB LB LB LF LF	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 730 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7 10 18,575 3 28 2 30 180 2 180 180 2	LF LF LF EA EA EA EA EA EA LF LF LF EA EA CY EA	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (*************) (1, 2") UNPAVED TRENCHING (************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (************) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER REMOVE EXISTING COMMUNICATIONS CABLE CABLE TRANSFER METAL STRAIN SIGNAL POLE METAL POLE WITH SINGLE MAST ARM SOIL TEST DRILLED PIER FOUNDATION MAST ARM WITH METAL POLE DE- SIGN FOR SIGNALS	1,466 179 207 75 209.8 2 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum Lump Sum  1,811 3,359 7,857 2,478 1,850 28	LF LF LF LF EA EA LS SF SF CY CY LS LS LS LB LB LB LB LF LF EA	REMOVAL OF TEMP ACCESS AT STA ************************************
19,300 5,300 7300 4,890 500 4,525 430 55 12 14 47 4 29 1 20,175 42,255 21,550 1,150 7 7 7 10 18,575 3 28 2 30 180 2	LF LF LF LF EA EA EA EA EA EA EA CA LF	SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE UNPAVED TRENCHING (**************) (1, 2") UNPAVED TRENCHING (*************) (2, 2") UNPAVED TRENCHING FOR TEMPORARY LEAD-IN DIRECTIONAL DRILL (************) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD HEAT SHRINK TUBING RETROFIT KIT INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (***********) (14-2) COMMUNICATIONS CABLE (**FIBER) (48) DROP CABLE SPLICE ENCLOSURE INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER, DROP & REPEAT DELINEATOR MARKER REMOVE EXISTING COMMUNICATIONS CABLE CABLE TRANSFER METAL STRAIN SIGNAL POLE METAL POLE WITH SINGLE MAST ARM SOIL TEST DRILLED PIER FOUNDATION MAST ARM WITH METAL POLE DE-SIGN	1,466 179 207 75 209.8 2 2 Lump Sum 20,702 8,310 28,401 82.3 421.1 Lump Sum Lump Sum Lump Sum 1,811 3,359 7,857 2,478 1,850 28 603.46 219.2	LF LF LF LF EA EA LS SF SF CY CY LS LS LB LB LB LB LF LF LF LF	REMOVAL OF TEMP ACCESS AT STA ************************************

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 $\begin{array}{cccc} \text{Lump Sum} & \text{LS} & \text{ELASTOMERIC BEARINGS} \\ 13.3 & \text{TON} & \text{SELECT MATERIAL} & \text{CLASS **} \\ & & (V) & \\ 3,388 & \text{LF} & 3^{\circ}0^{\circ} \text{ X 3'-3'' PRESTRESSED CONC} \\ & \text{BOX BEAMS} & \end{array}$ 

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L150120 011

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

CONTRACT ID: C203515 38573.3.FD1 DIV OFFICE GREENSBORO LENGTH = 0.303 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

770 TON STONE FOR EROSION CONTROL, CLASS B
495 TON SEDIMENT CONTROL STONE

#### DBE GOAL 6.0% COMPLETION DATE: MAY 12 2016

## BRIDGE #97 OVER WOLF ISLAND CREEK ON SR-1925 (WORSHAM MILL RD).

		ROADWAY ITEMS	5	ACR	TEMPORARY MULCHING
		ROAD WAT ITEMS	300	LB	SEED FOR TEMPORARY SEEDING
			2.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
Lump Sum	LS	MOBILIZATION	300	LF	TEMPORARY SLOPE DRAINS
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ******	300	LF	SAFETY FENCE
		(16+05.00 -L-)	1,030	CY	SILT EXCAVATION
Lump Sum	LS	GRADING	9,100 600	SY SY	MATTING FOR EROSION CONTROL COIR FIBER MAT
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	2,400	SY	PERMANENT SOIL REINFORCEMENT
600	CY	UNDERCUT EXCAVATION	,		MAT
95	CY	DRAINAGE DITCH EXCAVATION	585 150	LF SY	1/4" HARDWARE CLOTH FLOATING TURBIDITY CURTAIN
400 500	CY SY	SELECT GRANULAR MATERIAL GEOTEXTILE FOR SOIL STABILIZA-	6	EA	SPECIAL STILLING BASINS
500		TION	385	LF	WATTLE
233	SF	TEMPORARY SHORING	280	LB	POLYACRYLAMIDE (PAM)
30	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	400	LF	COIR FIBER BAFFLE
80	SY	FOUNDATION CONDITIONING GEO-	3	EA	**" SKIMMER (1-1/2")
		TEXTILE	5	ACR	SEEDING & MULCHING
224	LF	15" DRAINAGE PIPE	2.5	ACR	MOWING
4	EA	**" DRAINAGE PIPE ELBOWS (15")	50	LB	SEED FOR REPAIR SEEDING
80	LF	PIPE REMOVAL	0.25 125	TON LB	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING
55	TON	AGGREGATE BASE COURSE	3.5	TON	FERTILIZER TOPDRESSING
500	TON	INCIDENTAL STONE BASE	10		SPECIALIZED HAND MOWING
620 1,330	SY TON	INCIDENTAL MILLING ASPHALT CONC BASE COURSE, TYPE	18	EA	RESPONSE FOR EROSION CONTROL
1,550	1011	B25.0B	0.2	ACR	REFORESTATION
830	TON	ASPHALT CONC SURFACE COURSE,			
115	TON	TYPE SF9.5A ASPHALT BINDER FOR PLANT MIX			
15	TON	ASPHALT BINDER FOR FLANT MIX ASPHALT PLANT MIX, PAVEMENT			STRUCTURE ITEMS
		REPAIR			
4	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
2	EA	FRAME WITH TWO GRATES, STD 840.22			REMOVAL OF TEMP ACCESS AT STA
2	EA	FRAME WITH TWO GRATES, STD			**************************************
		840.29	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
65 75	LF LF	SHOULDER BERM GUTTER STEEL BM GUARDRAIL			AT STATION ************************************
5	EA	ADDITIONAL GUARDRAIL POSTS	40.9	LF	3'-0" DIA DRILLED PIERS IN
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			SOIL
4	EA	III	33	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	22.9	LF	PERMANENT STEEL CASING FOR
1	EA	TEMPORARY GUARDRAIL ANCHOR			3'-0" DIA DRILLED PIER
		UNITS, TYPE ********* (W-BEAM)	1	EA	SID INSPECTIONS
116	TON	RIP RAP, CLASS II	1 79.3	EA CY	CSL TESTING CLASS A CONCRETE (BRIDGE)
173	TON	RIP RAP, CLASS B	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
1,364	SY	GEOTEXTILE FOR DRAINAGE	•		*******
273	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	20,573	LB	(16+05.00-L-) REINFORCING STEEL (BRIDGE)
2 17	EA EA	SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E	2,020	LB	SPIRAL COLUMN REINFORCING
7	EA	DISPOSAL OF SIGN SYSTEM, U-			STEEL (BRIDGE)
		CHANNEL	315	LF	HP12X53 STEEL PILES
48 96	SF SF	WORK ZONE SIGNS (STATIONARY)	14 375.25	EA LF	STEEL PILE POINTS TWO BAR METAL RAIL
36	SF	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE	390.25	LF	1'-**"X *****" CONCRETE PARA-
		MOUNTED)			PET (11 all Notes of 1 all Notes of
40	EA	DRUMS	205	TON	(1'-2"X2'-9 1/2") RIP RAP CLASS II (2'-0" THICK)
10 50	EA LF	CONES BARRICADES (TYPE III)	230	SY	GEOTEXTILE FOR DRAINAGE
		FLAGGER	Lump Sum	LS	ELASTOMERIC BEARINGS
2	EA	TEMPORARY CRASH CUSHIONS	2,145	LF	3'-0" X 3'-3" PRESTRESSED CONC
1	EA	TMA			BOX BEAMS
150	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			
30	EA	TEMPORARY RAISED PAVEMENT MARKERS			
25,600	LF	PAINT PAVEMENT MARKING LINES (4")			
3,100	LF	TEMPORARY SILT FENCE			
210	TON	STONE FOR EROSION CONTROL, CLASS A			

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L150120 012

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

CONTRACT ID: C203516 40078.3.FD1 DIV OFFICE GREENSBORO LENGTH = 0.066 MI

COUNTY : ALAMANCE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

#### DBE GOAL 5.0% COMPLETION DATE: SEE SPECIAL PROVISIONS

## BRIDGE #64 OVER QUAKER CREEK ON SR-1912 (DICKEY MILL RD).

		ROADWAY ITEMS	100	SY	PERMANENT SOIL REINFORCEMENT MAT
			405	LF	1/4" HARDWARE CLOTH
Lump Sum	LS	MOBILIZATION	25	SY	FLOATING TURBIDITY CURTAIN
Lump Sum	LS	BRIDGE APPROACH FILL - SUB	2	EA	SPECIAL STILLING BASINS
_		REGIONAL TIER, STATION ******	15 15	LF LB	WATTLE  POLYACRYLAMIDE (PAM)
Lump Sum	LS	(16+02.00 -L-) GRADING	0.6	ACR	POLYACRYLAMIDE (PAM) SEEDING & MULCHING
Lump Sum 1	ACR	SUPPLEMENTARY CLEARING & GRUB-	0.3	ACR	MOWING
•	rick	BING	50	LB	SEED FOR REPAIR SEEDING
260	CY	UNDERCUT EXCAVATION	0.25	TON	FERTILIZER FOR REPAIR SEEDING
200	CY	SELECT GRANULAR MATERIAL	50	LB	SEED FOR SUPPLEMENTAL SEEDING
500	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	0.5		FERTILIZER TOPDRESSING
30	TON	FOUNDATION CONDITIONING MATE-	10	MHR	SPECIALIZED HAND MOWING
		RIAL, MINOR STRUCTURES	12 0.1	EA	RESPONSE FOR EROSION CONTROL REFORESTATION
70	SY	FOUNDATION CONDITIONING GEO-	0.1	ACK	REFORESTATION
16	LE	TEXTILE			
16 48	LF LF	15" DRAINAGE PIPE 15" SIDE DRAIN PIPE			CEDITORIDE TERMS
60	LF	18" SIDE DRAIN PIPE			STRUCTURE ITEMS
68	LF	***" RC PIPE CULVERTS, CLASS			
		*****	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
21	LF	(15", V) PIPE REMOVAL	•		REMOVAL OF TEMP ACCESS AT STA
7	EA	PIPE CLEAN-OUT			**************************************
100	CY	SHALLOW UNDERCUT	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
200	TON	CLASS IV SUBGRADE STABILIZA-			AT STATION ********
		TION	52		(16+02.00-L-)
75	TON	AGGREGATE BASE COURSE	53 47	LF LF	PILE EXCAVATION NOT IN SOIL
50 220	TON TON	INCIDENTAL STONE BASE ASPHALT CONC BASE COURSE, TYPE	Lump Sum	LS	PILE EXCAVATION NOT IN SOIL UNCLASSIFIED STRUCTURE EXCAVA-
220	TON	B25.0B	Lump Sum	LO	TION AT STATION *******
170	TON	ASPHALT CONC SURFACE COURSE,			(16+02.00-L-)
		TYPE SF9.5A	47.2	CY	CLASS A CONCRETE (BRIDGE)
25	TON	ASPHALT BINDER FOR PLANT MIX	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
3	EA EA	MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD			(16+02.00-L-)
3	LA	840.29	5,206	LB	REINFORCING STEEL (BRIDGE)
30	LF	SHOULDER BERM GUTTER	100	LF	HP12X53 STEEL PILES
50	LF	STEEL BM GUARDRAIL	Lump Sum 700	LS LF	ELASTOMERIC BEARINGS 3'-0" X 2'-0" PRESTRESSED CONC
5	EA	ADDITIONAL GUARDRAIL POSTS	700	LF	CORED SLABS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ************************************	140	LF	GENERIC STRUCTURE ITEM
		(350 TL-2)			1'-7" X 1'-0" CONCRETE CURB
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	125	LF	GENERIC STRUCTURE ITEM ALASKA 2 TUBE METAL RAIL
1	EA	III GUARDRAIL ANCHOR UNITS, TYPE			
1	EA	350			
2	EA	GENERIC FENCING ITEM			
		RESET EXISTING GATE			
11	TON	RIP RAP, CLASS B			
616 61	SY LF	GEOTEXTILE FOR DRAINAGE SUPPORTS, 3-LB STEEL U-CHANNEL			
2	EA	SIGN ERECTION, TYPE D			
8	EA	DISPOSAL OF SIGN SYSTEM, U-			
		CHANNEL			
310	SF	WORK ZONE SIGNS (STATIONARY)			
104	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
96	LF	BARRICADES (TYPE III)			
2,800	LF	PAINT PAVEMENT MARKING LINES			
550		(4")			
550 195	LF TON	TEMPORARY SILT FENCE STONE FOR EROSION CONTROL,			
173	1011	CLASS A			
60	TON	STONE FOR EROSION CONTROL,			
4.40	morr	CLASS B			
	TON				
1 100	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING			
0.5	TON	FERTILIZER FOR TEMPORARY SEED-			
****		ING			
200	LF	TEMPORARY SLOPE DRAINS			
400	LF	SAFETY FENCE			
100 1,500	CY SY	SILT EXCAVATION MATTING FOR EROSION CONTROL			
1,300	SY	COIR FIBER MAT			

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L150120 013

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

CONTRACT ID: C203518 42261.3.FS1 DIV OFFICE GREENSBORO LENGTH = 0.440 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, ITS AND STRUCTURES.

#### DBE GOAL 5.0% COMPLETION DATE: FEB 28 2018

#### BRIDGES #349 & #291 OVER US-29/70/220 ON I-40/85.

		ROADWAY ITEMS	2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
			9	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
Lump Sum	LS	MOBILIZATION	2,775	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	CONSTRUCTION SURVEYING	125	LF	TEMPORARY STEEL BM GUARDRAIL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ********
1	ACR	SUPPLEMENTARY CLEARING & GRUB-	140	LF	(CAT-1) WOVEN WIRE FENCE, 47" FABRIC
400		BING	6	EA	4" TIMBER FENCE POSTS, 7'-6"
400 Lump Sum	CY LS	UNDERCUT EXCAVATION GRADING			LONG
24,700	CY	BORROW EXCAVATION	7	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
1,150	CY	SELECT GRANULAR MATERIAL	10	TON	RIP RAP, CLASS B
1,250	SY	GEOTEXTILE FOR SOIL STABILIZA-	710	SY	GEOTEXTILE FOR DRAINAGE
2.700	037	TION  PENEODGED SOIL SLODES	1	CY	PLAIN CONCRETE SIGN FOUNDA-
2,700 60	SY TON	REINFORCED SOIL SLOPES FOUNDATION CONDITIONING MATE-		CIV.	TIONS
00	1011	RIAL, MINOR STRUCTURES	6 225	CY LB	OVERHEAD FOOTING SUPPORTS, BREAKAWAY STEEL BEAM
190	SY	FOUNDATION CONDITIONING GEO-	35	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
100	LE	TEXTILE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-
108	LF	**" DRAINAGE PIPE (15")	•		TURE AT STA *****
8	EA	**" DRAINAGE PIPE ELBOWS	1	EA	(3+50 -RP-) SIGN ERECTION, TYPE E
		(15")	6	EA	SIGN ERECTION, TYPE *** (OVER-
356	LF	15" RC PIPE CULVERTS, CLASS III			HEAD)
100	LF	18" RC PIPE CULVERTS, CLASS	_	Е.	(A)
		III	5	EA	SIGN ERECTION, TYPE *** (OVER- HEAD)
217	LF	PIPE REMOVAL			(B)
3	EA	PIPE CLEAN-OUT	1	EA	SIGN ERECTION, TYPE ***
250 500	CY TON	SHALLOW UNDERCUT CLASS IV SUBGRADE STABILIZA-			(GROUND MOUNTED) (A)
500	1011	TION	1	EA	DISPOSAL OF SIGN SYSTEM, OVER-
500	TON	INCIDENTAL STONE BASE			HEAD
1,900	SY	INCIDENTAL MILLING	1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
5,060	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	10	EA	DISPOSAL OF SIGN SYSTEM, U-
910	TON	ASPHALT CONC INTERMEDIATE			CHANNEL
	morr	COURSE, TYPE I19.0C	4	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
3,930	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0D	3	EA	DISPOSAL OF LIGHTING SYSTEM
660	TON	ASPHALT CONC SURFACE COURSE,	3	EA	DISPOSAL OF WALKWAY
2,900	TON		17	EA	GENERIC SIGNING ITEM CUTTING OF SIGN HANGERS, OVERH EAD
485	TON	TYPE S9.5D ASPHALT BINDER FOR PLANT MIX	455	SF	WORK ZONE SIGNS (STATIONARY)
170	TON	POLYMER MODIFIED ASPHALT BIN-	300	SF	WORK ZONE SIGNS (PORTABLE)
		DER FOR PLANT MIX	64	SF	WORK ZONE SIGNS (BARRICADE
4,250	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	2	EA	MOUNTED) FLASHING ARROW BOARD
45	CY	SUBDRAIN EXCAVATION	1	EA	PORTABLE CHANGEABLE MESSAGE
34	CY	SUBDRAIN FINE AGGREGATE			SIGN
200	LF	6" PERFORATED SUBDRAIN PIPE	60	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
1	EA	SUBDRAIN PIPE OUTLET 6" OUTLET PIPE	120	EA	DRUMS
6 10	LF EA	MASONRY DRAINAGE STRUCTURES	72	LF	BARRICADES (TYPE III)
10.3	LF	MASONRY DRAINAGE STRUCTURES	3	EA	TEMPORARY CRASH CUSHIONS
2	EA	FRAME WITH TWO GRATES, STD	4	EA	RESET TEMPORARY CRASH CUSHION
0	E.4	840.22	2 1,210	EA LF	TMA PORTABLE CONCRETE BARRIER
8	EA	FRAME WITH TWO GRATES, STD 840.29	450	LF	PORTABLE CONCRETE BARRIER  PORTABLE CONCRETE BARRIER
948	LF	SHOULDER BERM GUTTER	150		(ANCHORED)
55	LF	CONCRETE EXPRESSWAY GUTTER	1,600	LF	RESET PORTABLE CONCRETE BAR- RIER
190	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	400	LF	RESET PORTABLE CONCRETE BAR-
200	LF	CONCRETE BARRIER, TYPE ****** (T)	41	EA	RIER (ANCHORED) TEMPORARY RAISED PAVEMENT
207	LF	CONCRETE BARRIER, TYPE ****** (T1)	120	LF	MARKERS THERMOPLASTIC PAVEMENT MARKING
410	LF	CONCRETE BARRIER, TYPE ****** (T2)	110	LF	LINES (12", 90 MILS) COLD APPLIED PLASTIC PAVEMENT
4	EA	ADJUSTMENT OF DROP INLETS			MARKING LINES, TYPE ** (12")
3,200	LF	STEEL BM GUARDRAIL	20,000	LF	(III) PAINT PAVEMENT MARKING LINES
10	EA	ADDITIONAL GUARDRAIL POSTS	20,000	Li	(4")
7	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2,500	LF	PAINT PAVEMENT MARKING LINES (8")
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			\*\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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2.5 ACR MOWING

			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
9,650	LF	POLYUREA PAVEMENT MARKING	150	LB	SEED FOR SUPPLEMENTAL SEEDING
		LINES (6", *********)	4.5	TON	FERTILIZER TOPDRESSING
1,275	LF	(HIGHLY REFLECTIVE ELEMENTS) POLYUREA PAVEMENT MARKING	10 15	MHR EA	SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL
1,275		LINES (12", *********)	150	LF	TRACER WIRE
		(HIGHLY REFLECTIVE ELEMENTS)	150	LF	UNPAVED TRENCHING (*******)
1,300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			(2, 2")
4	EA	PERMANENT RAISED PAVEMENT	1	EA	JUNCTION BOX (************************************
		MARKERS	240	LF	DROP CABLE
38	EA	SNOWPLOWABLE PAVEMENT MARKERS	1	EA	MODIFY SPLICE ENCLOSURE
4	EA	HIGH MOUNT LUMINAIRES ******* (1000W HPS)	1	EA	INTERCONNECT CENTER
1	EA	STANDARD FOUNDATION *******	1	EA	SOIL TEST
		(TYPE M1)	5	CY EA	DRILLED PIER FOUNDATION GENERIC SIGNAL ITEM
4	EA	LIGHT STANDARD LUMINAIRES, TYPE RDW 400W HPS	7	LA	5/8" X 10' GROUNDING ELECTRODE
100	LF	ELECTRICAL DUCT, TYPE JA, SIZE	1	EA	GENERIC SIGNAL ITEM
		***** (3")	1	EA	CCTV CAMERA ASSEMBLY GENERIC SIGNAL ITEM
100	LF	** #6 W/G FEEDER CIRCUIT	1	LA	EQUIPMENT CABINET DISCONNECT
		(2)	1	EA	GENERIC SIGNAL ITEM
100	LF	** #4 W/G FEEDER CIRCUIT	1	EA	INSTALL CCTV METAL POLE GENERIC SIGNAL ITEM
120	LF	(2) ** #2 W/G FEEDER CIRCUIT	1	LA	INSTALL FIELD EQUIPMENT
120		(2)			CABINET
100	LF	** #6 W/G FEEDER CIRCUIT IN	1	EA	GENERIC SIGNAL ITEM REMOVE EXISTING CCTV CAMERA
		*****" CONDUIT (2, 1.5)			ASSEMBLY
285	LF	** #2 W/G FEEDER CIRCUIT IN	1	EA	GENERIC SIGNAL ITEM
		*****" CONDUIT			REMOVE EXISTING ELECTRICAL SERVICE EQUIPMENT
1	EA	(2, 1.5) ELECTRICAL JUNCTION BOXES	1	EA	GENERIC SIGNAL ITEM
		******			REMOVE EXISTING FOUNDATIONS
2	EA	(BR18) ELECTRICAL JUNCTION BOXES	1	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSCEIVER
2	EA	***********	30	LF	GENERIC SIGNAL ITEM
		(PC 18)			#4 SOLID BARE GROUNDING CON-
2	EA	ELECTRICAL JUNCTION BOXES ************************************	8	CY	DUCTOR GENERIC SIGNAL ITEM
		(PC 30)	· ·	CI	ITS OVERHEAD FOOTINGS
9	EA	UNDERPASS LUMINARIES *******			
Lump Sum	LS	(TYPE WM, 100W HPS) UNDERPASS CIRCUITRY AT ******			
Lump Sum	Lo	(UPL-2)			WALL ITEMS
Lump Sum	LS	GENERIC LIGHTING ITEM			
		BREAKER & WIRING FOR CONTROL SYSTEM "W"	2.000	or.	MCF DETAINING WALL NO ****
Lump Sum	LS	GENERIC LIGHTING ITEM	3,000	SF	MSE RETAINING WALL NO **** (1)
		REMOVE EXISTING UPL-2	2,300	SF	MSE RETAINING WALL NO ****
200	LF	GENERIC LIGHTING ITEM #8 W/ NEUTRAL FEEDER CIRCUIT			(2)
		IN 1.5" CONDUIT			
4	EA	GENERIC LIGHTING ITEM 1000W LAMP HPS			
4	EA	GENERIC LIGHTING ITEM			STRUCTURE ITEMS
	2.71	100W LAMP HPS			
10	EA	GENERIC LIGHTING ITEM	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
1	EA	400W LAMP HPS GENERIC LIGHTING ITEM	•		AT STATION **********
	2.71	RELOCATE TWIN ARM LIGHT STAND-	Lump Sum	LS	(12+32.31-RP-) REMOVAL OF EXISTING STRUCTURE
		ARD	Eurip Sun	Lo	AT STATION ********
1	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD	272		(26+31.94-L-)
1	EA	GENERIC LIGHTING ITEM	373	LF	3'-6" DIA DRILLED PIERS IN SOIL
		REMOVE LIGHT STANDARD FOUNDA- TION	53	LF	3'-6" DIA DRILLED PIERS NOT IN
40	HR	GENERIC LIGHTING ITEM	2	Б.	SOIL
		FAULT TROUBLESHOOT AND LOCATE	2	EA EA	PDA TESTING SID INSPECTIONS
4,600	LF	TEMPORARY SILT FENCE	1	EA	SPT TESTING
270	TON	STONE FOR EROSION CONTROL, CLASS A	1	EA	CSL TESTING
530	TON	STONE FOR EROSION CONTROL,	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
4.40	morr	CLASS B			TION AT STATION ******** (26+31.94-L-)
460 5	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING	16,032	SF	REINFORCED CONCRETE DECK SLAB
400	LB	SEED FOR TEMPORARY SEEDING	18,320	SF	GROOVING BRIDGE FLOORS
2.5	TON	FERTILIZER FOR TEMPORARY SEED-	515.8	CY	CLASS A CONCRETE (BRIDGE)
750		ING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
750 100	LF LF	TEMPORARY SLOPE DRAINS SAFETY FENCE			(12+32.31-RP-)
1,010	CY	SILT EXCAVATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
9,300	SY	MATTING FOR EROSION CONTROL			(26+31.94-L-)
25	SY	COIR FIBER MAT	85,076	LB	REINFORCING STEEL (BRIDGE)
_		PERMANENT SOIL REINFORCEMENT	13,880	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,700	SY	MAT			DILLE DIMPOLI
2,700 1,100	SY LF	MAT 1/4" HARDWARE CLOTH	2,181.06	LF	54" PRESTRESSED CONCRETE GIR-
					54" PRESTRESSED CONCRETE GIR- DERS
1,100 450 160	LF LF LB	1/4" HARDWARE CLOTH WATTLE POLYACRYLAMIDE (PAM)	2,300	LF	54" PRESTRESSED CONCRETE GIR- DERS HP12X53 STEEL PILES
1,100 450 160 375	LF LF LB LF	1/4" HARDWARE CLOTH WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE	2,300 21	LF EA	54" PRESTRESSED CONCRETE GIR- DERS HP12X53 STEEL PILES PILE REDRIVES
1,100 450 160	LF LF LB	1/4" HARDWARE CLOTH WATTLE POLYACRYLAMIDE (PAM)	2,300	LF	54" PRESTRESSED CONCRETE GIR- DERS HP12X53 STEEL PILES
1,100 450 160 375	LF LF LB LF EA	1/4" HARDWARE CLOTH WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER	2,300 21 688.57	LF EA LF	54" PRESTRESSED CONCRETE GIR- DERS HP12X53 STEEL PILES PILE REDRIVES CONCRETE BARRIER RAIL

Lump Sum LS EXPANSION JOINT SEALS

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L150120 014

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203628 10CR.10841.42 DIV OFFICE ALBEMARLE LENGTH = 10.210 MI

COUNTY : STANLY

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

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

US-52 FROM SR-1744 TO SR-1821, NC-138 FROM SR-1935 TO SR-1970 & 4 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
795	CY	BORROW EXCAVATION
373	TON	INCIDENTAL STONE BASE
13.24	SMI	SHOULDER RECONSTRUCTION
19,073	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
25,473	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2-1/2")
1,200	SY	INCIDENTAL MILLING
4,135	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
13,524	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
2,558	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,177	TON	ASPHALT BINDER FOR PLANT MIX
1,320	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
45	SY	6" CONCRETE DRIVEWAY
4	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
858	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
10	HR	LAW ENFORCEMENT
63,161	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
38,902	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
20	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
1,400	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
17,500	LF	PAINT PAVEMENT MARKING LINES (4")
1,400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
387	EA	PERMANENT RAISED PAVEMENT MARKERS
1,000	LF	TEMPORARY SILT FENCE
1,520	LF	WATTLE

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L150120 015

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

CONTRACT ID: C203519 55057.3.FS1 DIV OFFICE SYLVA LENGTH = 0.445 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, RET WALL & ROCK SLOPE STABIL.

DBE GOAL 3.0% COMPLETION DATE: APR 29 2016

#### I-40 NEAR MP-7.

		ROADWAY ITEMS	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			526	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	MOBILIZATION	4	EA	TEMPORARY GUARDRAIL ANCHOR
Lump Sum	LS	CONSTRUCTION SURVEYING			UNITS, TYPE ******** (W-BEAM)
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	1	EA	GENERIC GUARDRAIL ITEM
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	_		TEMP IMPACT ATTENUATOR UNIT, TYPE 350
109,300	CY	UNCLASSIFIED EXCAVATION	7	TON	RIP RAP, CLASS I
24,500	SY	PRE-SPLITTING OF ROCK	12	TON	RIP RAP, CLASS B
1,000	SY	GENERIC GRADING ITEM	510	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	TYPE 2 WIRE MESH GENERIC GRADING ITEM	1	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS
050		RECLAIMING & STAGING WIRE MESH & NET	1	CY	PLAIN CONCRETE SIGN FOUNDA- TIONS
850	LF	GENERIC GRADING ITEM 250 KJ ROCKFALL BARRIER	442	LB	SUPPORTS, BREAKAWAY STEEL BEAM
400	LF	GENERIC GRADING ITEM	728	LB	SUPPORTS, SIMPLE STEEL BEAM
		TENSIONED SPOT ROCK BOLT	685 18	LF EA	SUPPORTS, 3-LB STEEL U-CHANNEL
1,000	LF	GENERIC GRADING ITEM	18	EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
		UNTENSIONED ROCK ANCHORS FOR WIRE MESH	2	EA	SIGN ERECTION, TYPE ***
100	TON	FOUNDATION CONDITIONING MATE-	2	LA	(GROUND MOUNTED)
100	1011	RIAL, MINOR STRUCTURES			(A)
300	SY	FOUNDATION CONDITIONING GEO-	2	EA	SIGN ERECTION, TYPE ***
		TEXTILE			(GROUND MOUNTED) (B)
192	LF	18" RC PIPE CULVERTS, CLASS III	3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
196	LF	24" RC PIPE CULVERTS, CLASS III	22	EA	DISPOSAL OF SIGN SYSTEM, U-
376	LF	15" RC PIPE CULVERTS, CLASS IV	1.019	CT7	CHANNEL WORK ZONE SIGNS (STATIONARY)
48	LF	18" RC PIPE CULVERTS, CLASS IV	1,018 588	SF SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)
60	LF	18" CS PIPE CULVERTS, 0.064"	26	SF	WORK ZONE SIGNS (FOR TABLE) WORK ZONE SIGNS (BARRICADE
28	LF	THICK 30" CS PIPE CULVERTS, 0.079"	4		MOUNTED)
		THICK	5	EA EA	FLASHING ARROW BOARD PORTABLE CHANGEABLE MESSAGE
80	LF	PIPE REMOVAL	3	LA	SIGN
Lump Sum 200	LS TON	FINE GRADING INCIDENTAL STONE BASE	151	EA	DRUMS
410	CY	SHOULDER BORROW	40	LF	BARRICADES (TYPE III)
5,375	SY	MILLING ASPHALT PAVEMENT, ***"	1,280	HR	FLAGGER
-,		DEPTH	2	EA	TEMPORARY CRASH CUSHIONS
		(3")	3	EA	RESET TEMPORARY CRASH CUSHION
13,125	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH	1.540	EA	TMA
		(3/4")	1,540 1,300	LF LF	PORTABLE CONCRETE BARRIER PORTABLE CONCRETE BARRIER
520	SY	INCIDENTAL MILLING	1,500	Li	(ANCHORED)
1,480	TON	ASPHALT CONC BASE COURSE, TYPE	3,030	LF	RESET PORTABLE CONCRETE BAR-
	morr	B25.0C			RIER
670	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0D	2,800	LF	RESET PORTABLE CONCRETE BAR- RIER (ANCHORED)
1,540	TON	ASPHALT CONC SURFACE COURSE,	3,000	LF	WATER FILLED BARRIER
-,		TYPE S9.5D	1,040	LF	RESET WATER FILLED BARRIER
100	TON	ASPHALT BINDER FOR PLANT MIX	4,240	HR	LAW ENFORCEMENT
150	TON		2,340	LF	TEMPORARY GLARE SCREEN
1.020	TON	DER FOR PLANT MIX OPEN-GRADED ASPHALT FRICTION	254	EA	TEMPORARY RAISED PAVEMENT
1,020	TON	COURSE, TYPE FC-2 MODIFIED	0.405		MARKERS
16	TON	ASPHALT PLANT MIX, PAVEMENT	9,405	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
		REPAIR	1,404	LF	THERMOPLASTIC PAVEMENT MARKING
10,700	LF	MILLED RUMBLE STRIPS (ASPHALT	-,		LINES (6", 120 MILS)
3	T: A	CONCRETE) TEMPORARY STEEL PLATE COVERS	1,521	LF	THERMOPLASTIC PAVEMENT MARKING
3	EA	FOR MASONRY DRAINAGE			LINES (12", 90 MILS)
		STRUCTURE	3	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
0.447	CY	PIPE COLLARS	72,000	LF	PAINT PAVEMENT MARKING LINES
24	CY	FLOWABLE FILL	,,,,,		(6")
19	EA	MASONRY DRAINAGE STRUCTURES	3,200	LF	PAINT PAVEMENT MARKING LINES
12 13	LF EA	MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD	11.500		(8")
		840.20	11,500	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
6	EA	FRAME WITH TWO GRATES, STD 840.22	800	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
395	LF	SHOULDER BERM GUTTER	158	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,210	LF	CONCRETE BARRIER, TYPE *******	Lump Sum	LS	PORTABLE LIGHTING
1	EA	(SINGLE SLOPE) ADJUSTMENT OF DROP INLETS	2,430	LF	TEMPORARY SILT FENCE
700	LF	STEEL BM GUARDRAIL	345	TON	STONE FOR EROSION CONTROL, CLASS A
10	EA	ADDITIONAL GUARDRAIL POSTS	1,785	TON	STONE FOR EROSION CONTROL,
10			1,765	1011	CLASS B

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1,075	TON	SEDIMENT CONTROL STONE
9.5	ACR	TEMPORARY MULCHING
600	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEED-
		ING
300	LF	TEMPORARY SLOPE DRAINS
1,860	CY	SILT EXCAVATION
12,000	SY	MATTING FOR EROSION CONTROL
480	LF	1/4" HARDWARE CLOTH
300	LF	COIR FIBER WATTLE
165	LB	POLYACRYLAMIDE (PAM)
9.5	ACR	SEEDING & MULCHING
5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
425	LB	SEED FOR SUPPLEMENTAL SEEDING
12.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
2,907	SF	GENERIC RETAINING WALL ITEM
		MSE RETAINING WALL