



PAT McCRORY  
Governor

NICHOLAS J. TENNYSON  
Secretary

October 6, 2015

NOTICE TO: All Prequalified Contractors

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

SUBJECT: Raleigh Central Highway Letting

The Highway Letting broadcast of bid opening has changed to a new format. The new method is 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](http://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 DECEMBER 15, 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 NOVEMBER 17, 2015.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Robert W Stone II, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Reuben D Chandler, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L151215

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C203795	2016CPT.01.03.10081.1 ETC.	BERTIE, HERTFORD, MARTIN	22.610 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
002	C203794	2016CPT.01.04.10281.1 ETC.	DARE, HYDE	47.250 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
003	C203719	45336.3.39	CUMBERLAND	2.065 MI	GRADING, PAVING, DRAINAGE, AND SIGNALS.
004	C203655	45849.3.FR1	CUMBERLAND	3.681 MI	GRADING, DRAINAGE, AND PAVING.
005	C203660	46056.3.2	ALAMANCE	0.076 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
006	C203656	33313.3.FD1	MACON	0.217 MI	GRADING, DRAINAGE, PAVING AND STRUCTURE.
007	C203498	33507.2.FD1	JACKSON	0.294 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
008	C202582	34428.3.FR4	TRANSYLVANIA	1.268 MI	GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L151215 001

CONTRACT ID : C203795 2016CPT.01.03.10081.1 DIV OFFICE EDENTON

LENGTH = 22.610 MI

COUNTY : BERTIE, HERTFORD, MARTIN

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : MAY 30 2017

US-17 BYPASS FROM US-13 TO US-17, NC-42 FROM NC-11 TO AHOSKIE CREEK BRIDGE, NC-125 FROM NC-903 TO HALIFAX COUNTY.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
110	CY	BORROW EXCAVATION
825	TON	INCIDENTAL STONE BASE
4.9	SMI	SHOULDER RECONSTRUCTION
449,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,850	SY	INCIDENTAL MILLING
43,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,586	TON	ASPHALT BINDER FOR PLANT MIX
592	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
9,720	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED
10	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,152	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
162,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
117,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
183,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
20,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
911	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
50	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
387,100	LF	PAINT PAVEMENT MARKING LINES (4")
411	LF	PAINT PAVEMENT MARKING LINES (8")
500	LF	PAINT PAVEMENT MARKING LINES (12")
300	LF	PAINT PAVEMENT MARKING LINES (24")
50	EA	PAINT PAVEMENT MARKING SYMBOL
2,167	EA	PERMANENT RAISED PAVEMENT MARKERS
1,700	LF	TEMPORARY SILT FENCE
650	LF	COIR FIBER WATTLE
3	ACR	SEEDING & MULCHING
15	EA	RESPONSE FOR EROSION CONTROL
900	LF	INDUCTIVE LOOP SAWCUT
75	LF	LEAD-IN CABLE (***** (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L151215 002

CONTRACT ID : C203794 2016CPT.01.04.10281.1 DIV OFFICE EDENTON

LENGTH = 47.250 MI

COUNTY : DARE, HYDE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : MAY 30 2017

3 SECTIONS OF US-264 AND 2 SECTIONS OF NC-12.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,350	CY	BORROW EXCAVATION
950	TON	INCIDENTAL STONE BASE
64.5	SMI	SHOULDER RECONSTRUCTION
285,200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,384	SY	INCIDENTAL MILLING
30,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
33,650	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
4,808	TON	ASPHALT BINDER FOR PLANT MIX
10,550	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S4.75A (LEVELING COURSE)
20	EA	RETROFIT EXISTING CURB RAMP
5	EA	ADJUSTMENT OF MANHOLES
60	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
336	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
511,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
396,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
17,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
629,400	LF	PAINT PAVEMENT MARKING LINES (4")
15,000	LF	PAINT PAVEMENT MARKING LINES (24")
60	EA	PAINT PAVEMENT MARKING SYMBOL
3,300	EA	PERMANENT RAISED PAVEMENT MARKERS
3,520	LF	TEMPORARY SILT FENCE
750	LF	COIR FIBER WATTLE
31.9	ACR	SEEDING & MULCHING
33	EA	RESPONSE FOR EROSION CONTROL
2,000	LF	INDUCTIVE LOOP SAWCUT
500	LF	LEAD-IN CABLE (***** (14-2)

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

L151215 003

CONTRACT ID : C203719 45336.3.39

DIV OFFICE FAYETTEVILLE

LENGTH = 2.065 MI

COUNTY : CUMBERLAND

GRADING, PAVING, DRAINAGE, AND SIGNALS.

DBE GOAL 12.0% COMPLETION DATE : MAY 01 2017

NC-24/87 FROM BARRINGTON CROSS ST TO EAST OF MLK WESTBOUND RAMPS; &amp; NC-24/210 (ROWAN ST) BETWEEN RAY AVE AND RAMSEY ST.

ROADWAY ITEMS					
			58	EA	SIGN ERECTION, TYPE E
			11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
Lump Sum	LS	MOBILIZATION	690	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	CONSTRUCTION SURVEYING	384	SF	WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	GRADING	49	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	2	EA	FLASHING ARROW BOARD
130	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
380	SY	FOUNDATION CONDITIONING GEOTEXTILE	150	EA	DRUMS
8	LF	***** RC PIPE CULVERTS, CLASS IV (48")	30	EA	CONES
1,128	LF	15" RC PIPE CULVERTS, CLASS IV	157	LF	BARRICADES (TYPE III)
38	LF	PIPE REMOVAL	960	HR	FLAGGER
200	TON	INCIDENTAL STONE BASE	2	EA	TMA
77,730	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	150	EA	SKINNY DRUM
2,990	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	1,400	EA	TEMPORARY RAISED PAVEMENT MARKERS
900	SY	INCIDENTAL MILLING	16,214	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
440	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	16,921	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	3,066	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
9,730	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	162	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
620	TON	ASPHALT BINDER FOR PLANT MIX	1,522	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	162	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
76,240	SY	GENERIC PAVING ITEM PAVEMENT INTERLAYER	16,921	LF	PAINT PAVEMENT MARKING LINES (4")
1,013	CY	PIPE COLLARS	3,066	LF	PAINT PAVEMENT MARKING LINES (8")
6	CY	FLOWABLE FILL	162	LF	PAINT PAVEMENT MARKING LINES (12")
20	EA	MASONRY DRAINAGE STRUCTURES	1,522	LF	PAINT PAVEMENT MARKING LINES (24")
9	EA	FRAME WITH GRATE, STD 840.****	162	EA	PAINT PAVEMENT MARKING SYMBOL
		FRAME WITH GRATE, 840D13	700	EA	SNOWPLOWABLE PAVEMENT MARKERS
4	EA	FRAME WITH TWO GRATES, STD 840.16	901	LF	ABANDON 6" UTILITY PIPE
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	285	LF	*** ENCASMENT PIPE (4")
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	285	LF	TRENCHLESS INSTALLATION OF 4" IN SOIL
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	420	LF	TEMPORARY SILT FENCE
1	EA	FRAME WITH COVER, STD 840.54	75	TON	STONE FOR EROSION CONTROL, CLASS A
3	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	25	TON	STONE FOR EROSION CONTROL, CLASS B
12	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	15	TON	SEDIMENT CONTROL STONE
50	LF	***X ** CONCRETE CURB (6" X 12")	1.5	ACR	TEMPORARY MULCHING
8,110	LF	1'-6" CONCRETE CURB & GUTTER	100	LB	SEED FOR TEMPORARY SEEDING
810	LF	2'-6" CONCRETE CURB & GUTTER	0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
210	SY	4" CONCRETE SIDEWALK	200	LF	TEMPORARY SLOPE DRAINS
20	EA	RETROFIT EXISTING CURB RAMP	200	LF	SAFETY FENCE
20	EA	CONCRETE CURB RAMP	20	CY	SILT EXCAVATION
35	SY	6" CONCRETE DRIVEWAY	22,500	SY	MATTING FOR EROSION CONTROL
20	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	100	SY	COIR FIBER MAT
1,530	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	50	LF	COIR FIBER WATTLE
2	EA	ADJUSTMENT OF MANHOLES	15	LF	COIR FIBER BAFFLE
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	3	ACR	SEEDING & MULCHING
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE	3	ACR	MOWING
50	LF	STEEL BM GUARDRAIL	50	LB	SEED FOR REPAIR SEEDING
5	EA	ADDITIONAL GUARDRAIL POSTS	0.25	TON	FERTILIZER FOR REPAIR SEEDING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	50	LB	SEED FOR SUPPLEMENTAL SEEDING
225	SY	GEOTEXTILE FOR DRAINAGE	1	TON	FERTILIZER TOPDRESSING
1,008	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	30	LF	IMPERVIOUS DIKE
			10	MHR	SPECIALIZED HAND MOWING
			25	EA	RESPONSE FOR EROSION CONTROL
			2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
			78	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
			39	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE

12	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
3,080	LF	SIGNAL CABLE
13	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
840	LF	MESSENGER CABLE (3/8")
1,360	LF	PAVED TRENCHING (*****) (1, 2")
40	LF	UNPAVED TRENCHING (*****) (1, 2")
16	EA	JUNCTION BOX (STANDARD SIZE)
6	EA	WOOD POLE
8	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
5	EA	2" RISER WITH WEATHERHEAD
1	EA	2" RISER WITH HEAT SHRINK TUBING
1,720	LF	INDUCTIVE LOOP SAWCUT
9,740	LF	LEAD-IN CABLE (*****) (14-2)
1	EA	INTERCONNECT CENTER
1	EA	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING
3	EA	TYPE II PEDESTAL WITH FOUNDATION
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
10	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER
1	EA	TRAFFIC SIGNAL REMOVAL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L151215 004

CONTRACT ID : C203655 45849.3.FR1

DIV OFFICE FAYETTEVILLE

LENGTH = 3.681 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 14.0% COMPLETION DATE : APR 12 2018

I-95 BUS/US-301 FROM NC-87 SOUTH TO NC-59.

ROADWAY ITEMS					
			41	EA	FRAME WITH TWO GRATES, STD 840.22
			10	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION	5	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
Lump Sum	LS	CONSTRUCTION SURVEYING	210	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
Lump Sum	LS	GRADING	1	EA	*** SLUICE GATE (8")
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	320	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
250	CY	UNDERCUT EXCAVATION	11,870	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
5,020	CY	DRAINAGE DITCH EXCAVATION	2	EA	ADJUSTMENT OF DROP INLETS
250	CY	SELECT GRANULAR MATERIAL	1	EA	GENERIC DRAINAGE ITEM CONVERT 2GI TO SPECIAL JB W/MH
2,650	SY	GEOTEXTILE FOR SOIL STABILIZATION	212.5	LF	STEEL BM GUARDRAIL
2,150	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4	EA	ADDITIONAL GUARDRAIL POSTS
6,760	SY	FOUNDATION CONDITIONING GEOTEXTILE	12	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TERMINAL END SECTION)
8,940	LF	15" RC PIPE CULVERTS, CLASS III	41	TON	RIP RAP, CLASS I
664	LF	18" RC PIPE CULVERTS, CLASS III	114	TON	RIP RAP, CLASS A
1,112	LF	24" RC PIPE CULVERTS, CLASS III	2,450	SY	GEOTEXTILE FOR DRAINAGE
732	LF	30" RC PIPE CULVERTS, CLASS III	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
1,640	LF	36" RC PIPE CULVERTS, CLASS III	3,400	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
860	LF	42" RC PIPE CULVERTS, CLASS III	170	EA	SIGN ERECTION, TYPE E
4,476	LF	15" RC PIPE CULVERTS, CLASS IV	20	EA	SIGN ERECTION, TYPE F
1,168	LF	18" RC PIPE CULVERTS, CLASS IV	251	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
180	LF	24" RC PIPE CULVERTS, CLASS IV	768	SF	WORK ZONE SIGNS (STATIONARY)
252	LF	30" RC PIPE CULVERTS, CLASS IV	1,248	SF	WORK ZONE SIGNS (PORTABLE)
248	LF	36" RC PIPE CULVERTS, CLASS IV	225	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	*** PIPE END SECTION (15")	8	EA	FLASHING ARROW BOARD
12	EA	*** PIPE END SECTION (18")	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1	EA	*** PIPE END SECTION (24")	27	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
4,874	LF	PIPE REMOVAL	400	EA	DRUMS
6	EA	PIPE CLEAN-OUT	720	LF	BARRICADES (TYPE III)
700	CY	SHALLOW UNDERCUT	950	HR	FLAGGER
1,400	TON	CLASS IV SUBGRADE STABILIZATION	4	EA	TMA
100	TON	INCIDENTAL STONE BASE	2,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,000	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 3")	947	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,340	SY	INCIDENTAL MILLING	81,531	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
610	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	47,667	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
10,060	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	45	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
7,580	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	20,428	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
430	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	118	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
19,090	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	186	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,990	TON	ASPHALT BINDER FOR PLANT MIX	12,122	LF	PAINT PAVEMENT MARKING LINES (4")
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	257,532	LF	PAINT PAVEMENT MARKING LINES (6")
224	CY	SUBDRAIN EXCAVATION	10,500	LF	PAINT PAVEMENT MARKING LINES (12")
168	CY	SUBDRAIN FINE AGGREGATE	1,308	LF	PAINT PAVEMENT MARKING LINES (24")
1,000	LF	6" PERFORATED SUBDRAIN PIPE	40	EA	PAINT PAVEMENT MARKING SYMBOL
2	EA	SUBDRAIN PIPE OUTLET	1,942	EA	PERMANENT RAISED PAVEMENT MARKERS
12	LF	6" OUTLET PIPE	15	EA	7" U-CHANNEL POSTS
3,053	CY	PIPE COLLARS	15	EA	OBJECT MARKERS (END OF ROAD)
0.31	CY	PIPE PLUGS	40	LF	12" WATER LINE
11	CY	FLOWABLE FILL	498	LF	16" WATER LINE
255	EA	MASONRY DRAINAGE STRUCTURES	1	EA	16" TAPPING VALVE
104.6	LF	MASONRY DRAINAGE STRUCTURES	40	LF	8" SANITARY GRAVITY SEWER
1	EA	FRAME WITH GRATE, STD 840.22	70	LF	12" FORCE MAIN SEWER
189	EA	FRAME WITH TWO GRATES, STD 840.16	100	LF	ABANDON 12" UTILITY PIPE
10	EA	FRAME WITH TWO GRATES, STD 840.20			

480	LF	ABANDON 16" UTILITY PIPE
14,500	LF	TEMPORARY SILT FENCE
1,500	TON	STONE FOR EROSION CONTROL, CLASS A
900	TON	STONE FOR EROSION CONTROL, CLASS B
3,000	TON	SEDIMENT CONTROL STONE
12	ACR	TEMPORARY MULCHING
700	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
1,600	CY	SILT EXCAVATION
17,800	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
50	SY	PERMANENT SOIL REINFORCEMENT MAT
9,000	LF	1/4" HARDWARE CLOTH
25	LF	WATTLE
2,500	LF	COIR FIBER WATTLE
1,300	LB	POLYACRYLAMIDE (PAM)
12	ACR	SEEDING & MULCHING
12	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
6	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
35	EA	RESPONSE FOR EROSION CONTROL
2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
15	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
45	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L151215 005

CONTRACT ID : C203660 46056.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.076 MI

COUNTY : ALAMANCE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #169 OVER GUM CREEK ON SR-1148 (ANTHONY RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+38)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
50	CY	UNDERCUT EXCAVATION
50	CY	SELECT GRANULAR MATERIAL
150	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEOTEXTILE
48	LF	15" DRAINAGE PIPE
24	LF	PIPE REMOVAL
50	CY	SHALLOW UNDERCUT
100	TON	CLASS IV SUBGRADE STABILIZATION
25	TON	INCIDENTAL STONE BASE
100	SY	INCIDENTAL MILLING
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
140	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
190	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
30	TON	ASPHALT BINDER FOR PLANT MIX
15	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
40	LF	SHOULDER BERM GUTTER
25	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	TON	RIP RAP, CLASS B
590	SY	GEOTEXTILE FOR DRAINAGE
61	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
281	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	DRUMS
88	LF	BARRICADES (TYPE III)
2	DAY	FLAGGER
656	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
656	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
288	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
5	EA	PERMANENT RAISED PAVEMENT MARKERS
900	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
15	TON	STONE FOR EROSION CONTROL, CLASS B
155	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
50	CY	SILT EXCAVATION

400	SY	MATTING FOR EROSION CONTROL
125	SY	COIR FIBER MAT
550	LF	1/4" HARDWARE CLOTH
35	SY	FLOATING TURBIDITY CURTAIN
2	EA	SPECIAL STILLING BASINS
0.2	ACR	SEEDING & MULCHING
0.1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+38.00 -L-)
38	LF	PILE EXCAVATION IN SOIL
32	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+38.00 -L-)
2,135	SF	CONCRETE WEARING SURFACE
2,537	SF	GROOVING BRIDGE FLOORS
45	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+38.00 -L-)
5,426	LB	REINFORCING STEEL (BRIDGE)
175	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
125	LF	TWO BAR METAL RAIL
140	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-11 1/4")
306	TON	RIP RAP CLASS II (2'-0" THICK)
340	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
770	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

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

L151215 006

CONTRACT ID : C203656 33313.3.FD1

DIV OFFICE SYLVA

LENGTH = 0.217 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING AND STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : FEB 12 2018

BRIDGE #172 OVER LITTLE TENNESSEE RIVER ON SR-1456.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	510	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	CONSTRUCTION SURVEYING	2	EA	SIGN ERECTION, TYPE D
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+33.50)	37	EA	SIGN ERECTION, TYPE E
Lump Sum	LS	GRADING	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
	1	ACR SUPPLEMENTARY CLEARING & GRUB- BING	17	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
	200	CY UNDERCUT EXCAVATION	1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
	300	CY DRAINAGE DITCH EXCAVATION	757	SF	WORK ZONE SIGNS (STATIONARY)
	185	LF BERM DITCH CONSTRUCTION	352	SF	WORK ZONE SIGNS (PORTABLE)
	200	CY SELECT GRANULAR MATERIAL	161	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	500	SY GEOTEXTILE FOR SOIL STABILIZA- TION	28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
	87	TON FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	68	EA	DRUMS
	428	LF 15" DRAINAGE PIPE	60	EA	CONES
	312	LF 18" DRAINAGE PIPE	96	LF	BARRICADES (TYPE III)
	52	LF 24" DRAINAGE PIPE	75	DAY	FLAGGER
	20	LF 15" CS PIPE CULVERTS, 0.064" THICK	1,460	LF	WATER FILLED BARRIER
	96	LF PIPE REMOVAL	410	LF	RESET WATER FILLED BARRIER
	100	CY SHALLOW UNDERCUT	59	EA	SKINNY DRUM
	160	TON CLASS IV SUBGRADE STABILIZA- TION	1	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
	300	TON AGGREGATE BASE COURSE	25,091	LF	PAINT PAVEMENT MARKING LINES (4")
	100	TON INCIDENTAL STONE BASE	120	LF	PAINT PAVEMENT MARKING LINES (24")
	210	GAL PRIME COAT	9,378	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
	1,210	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	4,880	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	725	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	80	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
	1,330	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2,350	LF	TEMPORARY SILT FENCE
	170	TON ASPHALT BINDER FOR PLANT MIX	285	TON	STONE FOR EROSION CONTROL, CLASS A
	65	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	555	TON	STONE FOR EROSION CONTROL, CLASS B
	112	CY SUBDRAIN EXCAVATION	470	TON	SEDIMENT CONTROL STONE
	500	SY GEOTEXTILE FOR SUBSURFACE DRAINS	5	ACR	TEMPORARY MULCHING
	84	CY SUBDRAIN COARSE AGGREGATE	400	LB	SEED FOR TEMPORARY SEEDING
	500	LF 6" PERFORATED SUBDRAIN PIPE	2.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
	1	EA SUBDRAIN PIPE OUTLET	560	LF	TEMPORARY SLOPE DRAINS
	6	LF 6" OUTLET PIPE	400	LF	SAFETY FENCE
	11	EA MASONRY DRAINAGE STRUCTURES	1,480	CY	SILT EXCAVATION
	5	EA FRAME WITH GRATE, STD 840.**** (840.20)	12,000	SY	MATTING FOR EROSION CONTROL
	5	EA FRAME WITH TWO GRATES, STD 840.***** (840.33)	775	SY	COIR FIBER MAT
	1	EA FRAME WITH TWO GRATES, STD 840.16	275	SY	PERMANENT SOIL REINFORCEMENT MAT
	137	LF SHOULDER BERM GUTTER	580	LF	1/4" HARDWARE CLOTH
	950	LF CONCRETE EXPRESSWAY GUTTER	8	EA	SPECIAL STILLING BASINS
	11	SY 4" CONCRETE PAVED DITCH	630	LF	WATTLE
	762.5	LF STEEL BM GUARDRAIL	240	LB	POLYACRYLAMIDE (PAM)
	75	LF STEEL BM GUARDRAIL, SHOP CURVED	400	LF	COIR FIBER BAFFLE
	5	EA ADDITIONAL GUARDRAIL POSTS	6	EA	*** SKIMMER (1-1/2")
	2	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1	5	ACR	SEEDING & MULCHING
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III	2.6	ACR	MOWING
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350	50	LB	SEED FOR REPAIR SEEDING
	633	LF REMOVE EXISTING GUARDRAIL	0.25	TON	FERTILIZER FOR REPAIR SEEDING
	350	LF TEMPORARY STEEL BM GUARDRAIL	150	LB	SEED FOR SUPPLEMENTAL SEEDING
	2	EA TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	4	TON	FERTILIZER TOPDRESSING
	10	EA GENERIC GUARDRAIL ITEM TIMBER BOLLARDS	10	MHR	SPECIALIZED HAND MOWING
	51	TON RIP RAP, CLASS I	25	EA	RESPONSE FOR EROSION CONTROL
	75	TON RIP RAP, CLASS II	0.8	ACR	REFORESTATION
	254	TON RIP RAP, CLASS B	6	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
	2,081	SY GEOTEXTILE FOR DRAINAGE			

## STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (18+33.50 -L-)
66.16	LF	3'-6" DIA DRILLED PIERS IN SOIL
38	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
42.14	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
9,328	SF	REINFORCED CONCRETE DECK SLAB
8,282	SF	GROOVING BRIDGE FLOORS
91.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+33.50 -L-)
26,850	LB	REINFORCING STEEL (BRIDGE)
3,593	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
326,549	LS	APPROX ..... LBS STRUCTURAL STEEL
315	LF	HP12X53 STEEL PILES
595	LF	TWO BAR METAL RAIL
610	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
430	TON	RIP RAP CLASS II (2'-0" THICK)
480	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM TIMBER BRIDGE RAIL

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

L151215 007

CONTRACT ID : C203498 33507.2.FD1

DIV OFFICE SYLVA

LENGTH = 0.294 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : MAY 14 2019

BRIDGE #108 OVER TUCKASEGEE RIVER ON SR-1002.

ROADWAY ITEMS					
			1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			1	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION	730	LF	***X*** CONCRETE CURB (8" X 18")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	1,230	LF	2'-6" CONCRETE CURB & GUTTER
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	850	SY	4" CONCRETE SIDEWALK
128,800	CY	UNCLASSIFIED EXCAVATION	4	EA	CONCRETE CURB RAMP
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (20+16.00 -L-)	260	SY	6" CONCRETE DRIVEWAY
	200	CY UNDERCUT EXCAVATION	512.5	LF	REMOVE EXISTING GUARDRAIL
4,470	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	725	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS
	80	SY REMOVAL OF EXISTING CONCRETE PAVEMENT	37.5	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS, SHOP CURVED
	620	SY BREAKING OF EXISTING ASPHALT PAVEMENT	6	EA	GENERIC GUARDRAIL ITEM PAINTED GUARDRAIL ANCHOR UNITS, TYPE 350 TL-2
	100	CY SELECT GRANULAR MATERIAL	4	EA	GENERIC GUARDRAIL ITEM WEATHERING SBGR ANCHOR UNITS, TYPE III WITH PAINTED LAPS
1,400	SY	GEOTEXTILE FOR SOIL STABILIZATION	10	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL ADDITIONAL GUARDRAIL POSTS
1,034	SF	TEMPORARY SHORING	3	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL TERMINAL SECTIONS WITH PAINTED LAPS
276	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	29	TON	RIP RAP, CLASS I
1,186	SY	FOUNDATION CONDITIONING GEOTEXTILE	15	TON	RIP RAP, CLASS B
	356	LF 15" RC PIPE CULVERTS, CLASS III	1,641	SY	GEOTEXTILE FOR DRAINAGE
	452	LF 18" RC PIPE CULVERTS, CLASS III	310	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	352	LF 24" RC PIPE CULVERTS, CLASS III	2	EA	SIGN ERECTION, TYPE D
	116	LF 36" RC PIPE CULVERTS, CLASS III	24	EA	SIGN ERECTION, TYPE E
	196	LF 15" RC PIPE CULVERTS, CLASS IV	1	EA	SIGN ERECTION, RELOCATE, TYPE *** (GROUND MOUNTED) (E)
	88	LF 15" CS PIPE CULVERTS, 0.064" THICK	20	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	278	LF PIPE REMOVAL	114	SF	WORK ZONE SIGNS (STATIONARY)
	1	EA PIPE CLEAN-OUT	322	SF	WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	FINE GRADING	70	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
680	CY	SHALLOW UNDERCUT	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1,229	TON	CLASS IV SUBGRADE STABILIZATION	100	EA	DRUMS
	21	TON AGGREGATE BASE COURSE	56	LF	BARRICADES (TYPE III)
	120	TON INCIDENTAL STONE BASE	640	HR	FLAGGER
	120	CY SHOULDER BORROW	2	EA	TEMPORARY CRASH CUSHIONS
	470	SY INCIDENTAL MILLING	2	EA	RESET TEMPORARY CRASH CUSHION
2,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	500	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
1,550	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	500	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)
1,510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	222	EA	TEMPORARY RAISED PAVEMENT MARKERS
255	TON	ASPHALT BINDER FOR PLANT MIX	157	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	223	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
80	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (6")	116	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
22.4	CY	SUBDRAIN EXCAVATION	22	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
16.8	CY	SUBDRAIN FINE AGGREGATE	1,944	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
100	LF	6" PERFORATED SUBDRAIN PIPE	16,759	LF	PAINT PAVEMENT MARKING LINES (4")
1	EA	SUBDRAIN PIPE OUTLET	115	LF	PAINT PAVEMENT MARKING LINES (8")
6	LF	6" OUTLET PIPE	202	LF	PAINT PAVEMENT MARKING LINES (24")
1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	4	EA	PAINT PAVEMENT MARKING SYMBOL
17	EA	MASONRY DRAINAGE STRUCTURES	11,206	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
9.38	LF	MASONRY DRAINAGE STRUCTURES	4,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
5	EA	FRAME WITH TWO GRATES, STD 840.16			
10	EA	FRAME WITH TWO GRATES, STD 840.24			
1	EA	FRAME WITH TWO GRATES, STD 840.29			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			

50	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
19	EA	SNOWPLOWABLE PAVEMENT MARKERS
150	LF	*** WATER LINE (1")
264	LF	2" WATER LINE
375	LF	6" WATER LINE
200	LF	8" WATER LINE
40	LF	10" WATER LINE
437	LF	12" WATER LINE
461	LF	16" WATER LINE
1	EA	*** VALVE (1")
1	EA	2" VALVE
1	EA	6" VALVE
4	EA	8" VALVE
1	EA	10" VALVE
2	EA	12" VALVE
5	EA	RELOCATE WATER METER
3	EA	RECONNECT WATER METER
1	EA	FIRE HYDRANT
187	LF	8" SANITARY GRAVITY SEWER
5	EA	SANITARY SEWER CLEAN-OUT
3	EA	4" DIA UTILITY MANHOLE
62	LF	ABANDON 8" UTILITY PIPE
754	LF	ABANDON 12" UTILITY PIPE
1	EA	REMOVE FIRE HYDRANT
1	EA	REMOVE UTILITY MANHOLE
5	EA	GENERIC UTILITY ITEM 16" VALVE
135	LF	GENERIC UTILITY ITEM 12" RIVER CROSSING WATER PIPE
Lump Sum	LS	GENERIC UTILITY ITEM CONTROL VALVE UTILITY VAULT
Lump Sum	LS	GENERIC UTILITY ITEM REMOVE EXISTING CONTROL VALVE AND VAULT
5,410	LF	TEMPORARY SILT FENCE
165	TON	STONE FOR EROSION CONTROL, CLASS A
1,750	TON	STONE FOR EROSION CONTROL, CLASS B
1,280	TON	SEDIMENT CONTROL STONE
9	ACR	TEMPORARY MULCHING
600	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
1,000	LF	SAFETY FENCE
1,550	CY	SILT EXCAVATION
18,000	SY	MATTING FOR EROSION CONTROL
1,100	SY	COIR FIBER MAT
500	SY	PERMANENT SOIL REINFORCEMENT MAT
600	LF	1/4" HARDWARE CLOTH
125	SY	FLOATING TURBIDITY CURTAIN
16	EA	SPECIAL STILLING BASINS
200	LF	WATTLE
150	LB	POLYACRYLAMIDE (PAM)
9	ACR	SEEDING & MULCHING
3	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
425	LB	SEED FOR SUPPLEMENTAL SEEDING
12.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
4	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
2,510	LF	SIGNAL CABLE
14	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1,250	LF	MESSENGER CABLE (3/8")
350	LF	UNPAVED TRENCHING (***** (1, 2")
310	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
140	LF	DIRECTIONAL DRILL (***** (3, 2")
12	EA	JUNCTION BOX (STANDARD SIZE)
10	EA	WOOD POLE
8	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD

5	EA	2" RISER WITH WEATHERHEAD
1,150	LF	INDUCTIVE LOOP SAWCUT
2,640	LF	LEAD-IN CABLE (***** (14-2)
2	EA	METAL POLE WITH DUAL MAST ARM
2	EA	SOIL TEST
10	CY	DRILLED PIER FOUNDATION
2	EA	MAST ARM WITH METAL POLE DESIGN
4	EA	SIGN FOR SIGNALS
4	EA	TYPE I POST WITH FOUNDATION
1	EA	TYPE II PEDESTAL WITH FOUNDATION
1	EA	RELOCATE EXISTING SIGN
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
8	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+16.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+16.00 -L-)
100	LF	4'-0" DIA DRILLED PIERS IN SOIL
100	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
97.3	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (20+16.00 -L-)
14,751	SF	REINFORCED CONCRETE DECK SLAB
11,427	SF	GROOVING BRIDGE FLOORS
267.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+16.00 -L-)
57,121	LB	REINFORCING STEEL (BRIDGE)
7,948	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,756.8	LF	54" PRESTRESSED CONCRETE GIRDERS
1,420	LF	HP12X53 STEEL PILES
26	EA	STEEL PILE POINTS
500	LF	PREDRILLING FOR PILES
562.7	LF	TWO BAR METAL RAIL
595.27	LF	1'-***X ***** CONCRETE PARAPET (1'-3 1/2" X 2'-6")
300	TON	RIP RAP CLASS II (2'-0" THICK)
334	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA***** (20+16.00 -L-)
Lump Sum	LS	GENERIC STRUCTURE ITEM 16" RESTRAINED JOINT WATER PIPE INSTALLED ON BRIDGE
Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING
3,200.5	SF	GENERIC STRUCTURE ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT

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

L151215 008

CONTRACT ID : C202582 34428.3.FR4

DIV OFFICE SYLVA

LENGTH = 1.268 MI

COUNTY : TRANSYLVANIA

GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.

DBE GOAL 11.0% COMPLETION DATE : JAN 28 2019

US-64 FROM LAKE TOXAWAY TO INDIAN CREEK.

ROADWAY ITEMS				
			4	EA *** CS PIPE ELBOWS, ***** THICK (30", 0.168")
Lump Sum	LS MOBILIZATION		76	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.5")
Lump Sum	LS CONSTRUCTION SURVEYING		52	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.5")
Lump Sum	LS CLEARING & GRUBBING .. ACRE(S)		76	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.5")
2	ACR SUPPLEMENTARY CLEARING & GRUBBING		52	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.5")
595,000	CY UNCLASSIFIED EXCAVATION		622	LF PIPE REMOVAL
5,000	CY UNDERCUT EXCAVATION	Lump Sum	LS	FINE GRADING
400	SY PRE-SPLITTING OF ROCK	1,500	CY	SHALLOW UNDERCUT
770	CY DRAINAGE DITCH EXCAVATION	3,000	TON	CLASS IV SUBGRADE STABILIZATION
970	LF BERM DITCH CONSTRUCTION	500	TON	STABILIZER AGGREGATE
12,200	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	8,278	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
10	HR PROOF ROLLING	11,200	TON	AGGREGATE BASE COURSE
500	CY SELECT GRANULAR MATERIAL	2,000	TON	INCIDENTAL STONE BASE
6,800	SY GEOTEXTILE FOR SOIL STABILIZATION	3,750	CY	SHOULDER BORROW
6,912	SF TEMPORARY SHORING	4,000	GAL	PRIME COAT
8,000	SY GEOTEXTILE FOR ROCK EMBANKMENTS	500	SY	INCIDENTAL MILLING
7,000	TON SELECT MATERIAL, CLASS ***** (VI)	350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
500	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3,600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,550	SY FOUNDATION CONDITIONING GEOTEXTILE	4,130	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
992	LF 15" DRAINAGE PIPE	440	TON	ASPHALT BINDER FOR PLANT MIX
168	LF 18" DRAINAGE PIPE	40	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
200	LF 24" DRAINAGE PIPE	404	CY	SUBDRAIN EXCAVATION
308	LF 30" DRAINAGE PIPE	1,200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
20	LF 36" DRAINAGE PIPE	202	CY	SUBDRAIN COARSE AGGREGATE
232	LF 15" RC PIPE CULVERTS, CLASS III	1,200	LF	6" PERFORATED SUBDRAIN PIPE
200	LF 18" RC PIPE CULVERTS, CLASS III	3	EA	SUBDRAIN PIPE OUTLET
60	LF 24" RC PIPE CULVERTS, CLASS III	18	LF	6" OUTLET PIPE
60	LF 30" RC PIPE CULVERTS, CLASS III	6.3	CY	REINFORCED ENDWALLS
16	LF 42" RC PIPE CULVERTS, CLASS III	13	CY	FLOWABLE FILL
132	LF ***** RC PIPE CULVERTS, CLASS IV (66")	44	EA	MASONRY DRAINAGE STRUCTURES
128	LF 15" RC PIPE CULVERTS, CLASS IV	32.5	CY	MASONRY DRAINAGE STRUCTURES
96	LF 18" RC PIPE CULVERTS, CLASS IV	143	LF	MASONRY DRAINAGE STRUCTURES
176	LF 42" RC PIPE CULVERTS, CLASS IV	1	EA	FRAME WITH GRATE, STD 840.24
204	LF *** CS PIPE CULVERTS, ***** THICK (24", 0.168")	18	EA	FRAME WITH TWO GRATES, STD 840.24
256	LF *** CS PIPE CULVERTS, ***** THICK (30", 0.168")	10	EA	FRAME WITH TWO GRATES, STD 840.29
684	LF 15" CS PIPE CULVERTS, 0.064" THICK	17	EA	FRAME WITH COVER, STD 840.54
300	LF 18" CS PIPE CULVERTS, 0.064" THICK	2,430	LF	SHOULDER BERM GUTTER
84	LF 24" CS PIPE CULVERTS, 0.064" THICK	230	SY	4" CONCRETE PAVED DITCH
76	LF 30" CS PIPE CULVERTS, 0.079" THICK	82	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
15	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")	5,000	LF	STEEL BM GUARDRAIL
10	EA *** CS PIPE ELBOWS, ***** THICK (18", 0.064")	137.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
2	EA *** CS PIPE ELBOWS, ***** THICK (24", 0.064")	5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA *** CS PIPE ELBOWS, ***** THICK (24", 0.168")	4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
2	EA *** CS PIPE ELBOWS, ***** THICK (30", 0.079")	15	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
		2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
		1,957	LF	REMOVE EXISTING GUARDRAIL
		1,400	LF	TEMPORARY STEEL BM GUARDRAIL
		6	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
		122	EA	GENERIC GUARDRAIL ITEM EXTRA LENGTH GUARDRAIL POST (8' STEEL)
		140	TON	RIP RAP, CLASS I
		910	TON	RIP RAP, CLASS B
		4,000	SY	GEOTEXTILE FOR DRAINAGE

96	SF	WORK ZONE SIGNS (STATIONARY)	825	SF	SOLDIER PILE RETAINING WALLS
202	SF	WORK ZONE SIGNS (PORTABLE)			
120	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
140	EA	DRUMS			
50	EA	CONES			
288	LF	BARRICADES (TYPE III)			
924	DAY	FLAGGER			
2	EA	TEMPORARY CRASH CUSHIONS			
2	EA	TMA			
680	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			
1,000	LF	WATER FILLED BARRIER			
500	LF	RESET WATER FILLED BARRIER			
50	EA	SKINNY DRUM			
281	EA	TEMPORARY RAISED PAVEMENT MARKERS			
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
156	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
16	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
41,485	LF	PAINT PAVEMENT MARKING LINES (4")			
125	LF	PAINT PAVEMENT MARKING LINES (8")			
128	LF	PAINT PAVEMENT MARKING LINES (24")			
8	EA	PAINT PAVEMENT MARKING SYMBOL			
29,810	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)			
830	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
284	EA	SNOWPLOWABLE PAVEMENT MARKERS			
30,000	LF	TEMPORARY SILT FENCE			
900	TON	STONE FOR EROSION CONTROL, CLASS A			
9,000	TON	STONE FOR EROSION CONTROL, CLASS B			
3,000	TON	SEDIMENT CONTROL STONE			
50	ACR	TEMPORARY MULCHING			
1,200	LB	SEED FOR TEMPORARY SEEDING			
6	TON	FERTILIZER FOR TEMPORARY SEEDING			
5,000	LF	TEMPORARY SLOPE DRAINS			
2,000	LF	SAFETY FENCE			
14,000	CY	SILT EXCAVATION			
100,000	SY	MATTING FOR EROSION CONTROL			
500	SY	COIR FIBER MAT			
3,580	SY	PERMANENT SOIL REINFORCEMENT MAT			
4,000	LF	1/4" HARDWARE CLOTH			
2	EA	SPECIAL STILLING BASINS			
4,500	LF	WATTLE BARRIER			
800	LB	POLYACRYLAMIDE (PAM)			
4,000	LF	COIR FIBER BAFFLE			
1	EA	*** SKIMMER (1-1/2")			
2	EA	*** SKIMMER (2")			
60	ACR	SEEDING & MULCHING			
40	ACR	MOWING			
500	LB	SEED FOR REPAIR SEEDING			
3	TON	FERTILIZER FOR REPAIR SEEDING			
1,500	LB	SEED FOR SUPPLEMENTAL SEEDING			
45	TON	FERTILIZER TOPDRESSING			
70	LF	IMPERVIOUS DIKE			
40	MHR	SPECIALIZED HAND MOWING			
100	EA	RESPONSE FOR EROSION CONTROL			
1	ACR	REFORESTATION			
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE			

#### WALL ITEMS

4,160	SF	MSE RETAINING WALL NO **** (1)
1,160	SF	MSE RETAINING WALL NO **** (3)
1,000	SF	MSE RETAINING WALL NO **** (4)
2,500	SF	MSE RETAINING WALL NO **** (5)

