

**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 APRIL 15, 2014. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE  
<https://connect.ncdot.gov/letting/Pages/>.

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

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS MARCH 18, 2014.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

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

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

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

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

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Fussell, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Robert W Stone II, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L140415

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C203390	38520.3.FD1	FRANKLIN	0.133 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C203542	5C.093067 ETC.	WARREN, FRANKLIN	37.330 MI	MILLING RESURFACING & SHOULDER RECONSTRUCTION.
003	C203543	5CR.10911.13 ETC	VANCE	25.000 MI	MILLING RESURFACING & SHOULDER RECONSTRUCTION.
004	C203511	10CR.10041.49 ET	ANSON	16.900 MI	WIDENING, AND RESURFACING.
005	C203541	10CR.10131.37 ET	CABARRUS	20.020 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
006	C203531	10CR.10901.37 ET	UNION	21.400 MI	MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
007	C203508	17BP.11.R.56	SURRY	0.244 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
008	C203027	34497.3.FS4	CLEVELAND	1.704 MI	GRADING, DRAINAGE, -Y- LINE PAVING, AND STRUCTURES.
009	C203201	34497.3.FS5	CLEVELAND	3.346 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
010	C203547	34497.3.FS4 ETC.	CLEVELAND	5.050 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
011	C202778	33627.3.FD1	TRANSYLVANIA	0.109 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140415 001

CONTRACT ID : C203390 38520.3.FD1

DIV OFFICE DURHAM

LENGTH = 0.133 MI

COUNTY : FRANKLIN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : MAY 14 2015

BRIDGE #2 OVER HORSE CREEK ON SR-1147.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+12.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
115	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
40	SY	FOUNDATION CONDITIONING GEOTEXTILE
20	LF	15" DRAINAGE PIPE
56	LF	15" RC PIPE CULVERTS, CLASS III
32	LF	15" CS PIPE CULVERTS, 0.064" THICK
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
100	TON	INCIDENTAL STONE BASE
880	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
430	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
75	TON	ASPHALT BINDER FOR PLANT MIX
10	EA	RIGHT OF WAY MARKERS
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
54	LF	SHOULDER BERM GUTTER
50	LF	STEEL BM GUARDRAIL
3	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
294	TON	RIP RAP, CLASS I
74	TON	RIP RAP, CLASS II
2	TON	RIP RAP, CLASS B
1,070	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
405	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
6	EA	DRUMS
64	LF	BARRICADES (TYPE III)
2,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
400	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
16	EA	PERMANENT RAISED PAVEMENT MARKERS
920	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
220	TON	STONE FOR EROSION CONTROL, CLASS B
100	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS

300	LF	SAFETY FENCE
330	CY	SILT EXCAVATION
3,750	SY	MATTING FOR EROSION CONTROL
350	SY	COIR FIBER MAT
150	SY	PERMANENT SOIL REINFORCEMENT MAT
210	LF	1/4" HARDWARE CLOTH
50	SY	FLOATING TURBIDITY CURTAIN
2	EA	SPECIAL STILLING BASINS
60	LF	WATTLE
75	LB	POLYACRYLAMIDE (PAM)
145	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
2	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+12.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+12.00-L-)
3,459	SF	REINFORCED CONCRETE DECK SLAB
3,662	SF	GROOVING BRIDGE FLOORS
47.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+12.00-L-)
6,282	LB	REINFORCING STEEL (BRIDGE)
392.67	LF	54" PRESTRESSED CONCRETE GIR-DERS
285	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
181.67	LF	TWO BAR METAL RAIL
196.67	LF	1'-***X ***** CONCRETE PARA-PET (1'-2" X 2'-6")
165	TON	RIP RAP CLASS II (2'-0" THICK)
180	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140415 002

CONTRACT ID : C203542 5C.093067

DIV OFFICE DURHAM

LENGTH = 37.330 MI

COUNTY : WARREN, FRANKLIN

MILLING RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : NOV 21 2014

US-401 FROM NC-39 IN FRANKLIN CO TO SR-1001 IN WARREN CO, US-1/158 FROM VANCE CO LINE TO NORLINA &amp; 3 SECT OF SECOND RD

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,874	CY	BORROW EXCAVATION
903	TON	INCIDENTAL STONE BASE
50.5	SMI	SHOULDER RECONSTRUCTION
7,040	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
6,323	SY	INCIDENTAL MILLING
28,908	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
9,452	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
2,380	TON	ASPHALT BINDER FOR PLANT MIX
965	TON	PATCHING EXISTING PAVEMENT
10	EA	ADJUSTMENT OF MANHOLES
18	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
5,120	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
401,671	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
246,828	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
45	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,634	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,300	LF	TEMPORARY SILT FENCE
200	LF	WATTLE
17.51	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140415 003

CONTRACT ID : C203543 5CR.10911.13

DIV OFFICE DURHAM

LENGTH = 25.000 MI

COUNTY : VANCE

MILLING RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : OCT 31 2014

US-1 BUS FROM US-1 BYPASS TO US-1 BYPASS, NC-39 NORTH FROM PAVEMENT CHANGE TO SR-1356 &amp; 2 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,971	CY	BORROW EXCAVATION
600	TON	INCIDENTAL STONE BASE
31.8	SMI	SHOULDER RECONSTRUCTION
3,333	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
16,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
250	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,909	SY	INCIDENTAL MILLING
2,351	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
18,615	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,977	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,696	TON	ASPHALT BINDER FOR PLANT MIX
430	TON	PATCHING EXISTING PAVEMENT
11	EA	ADJUSTMENT OF MANHOLES
11	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,816	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
266,370	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
209,852	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
325	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
42	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
91,600	LF	PAINT PAVEMENT MARKING LINES (4")
50	LF	PAINT PAVEMENT MARKING LINES (16")
125	LF	PAINT PAVEMENT MARKING LINES (24")
18	EA	PAINT PAVEMENT MARKING CHARAC- TER
10	EA	PAINT PAVEMENT MARKING SYMBOL
5	EA	PERMANENT RAISED PAVEMENT MARKERS
1,069	EA	SNOWPLOWABLE PAVEMENT MARKERS
800	LF	TEMPORARY SILT FENCE
200	LF	WATTLE
8.8	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140415 004

CONTRACT ID : C203511 10CR.10041.49

DIV OFFICE ALBEMARLE

LENGTH = 16.900 MI

COUNTY : ANSON

WIDENING, AND RESURFACING.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : JUN 20 2015

1 SECTION OF US-52, 2 SECTIONS OF NC-742, AND 3 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,107	CY	BORROW EXCAVATION
2,383	TON	INCIDENTAL STONE BASE
33.8	SMI	SHOULDER RECONSTRUCTION
317	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,814	SY	INCIDENTAL MILLING
13,284	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
17,519	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,167	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
3,695	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,190	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
2,267	TON	ASPHALT BINDER FOR PLANT MIX
198	SY	6" CONCRETE DRIVEWAY
1,893	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
179,964	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
170,691	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
30	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
309	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
90,312	LF	PAINT PAVEMENT MARKING LINES (4")
1,119	EA	PERMANENT RAISED PAVEMENT MARKERS
3,705	LF	TEMPORARY SILT FENCE
416	TON	STONE FOR EROSION CONTROL, CLASS B
209	TON	SEDIMENT CONTROL STONE
3,705	LF	WATTLE
10	LB	POLYACRYLAMIDE (PAM)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140415 005

CONTRACT ID : C203541 10CR.10131.37

DIV OFFICE ALBEMARLE

LENGTH = 20.020 MI

COUNTY : CABARRUS

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

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

NC-200 FROM STANLY COUNTY TO SR-1006, AND 11 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,495	CY	BORROW EXCAVATION
1,924	TON	INCIDENTAL STONE BASE
29.66	SMI	SHOULDER RECONSTRUCTION
7,393	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
20,645	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
4,472	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
400	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2-1/2")
1,580	SY	INCIDENTAL MILLING
12,870	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
16,520	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
4,620	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
2,102	TON	ASPHALT BINDER FOR PLANT MIX
6,100	TON	PATCHING EXISTING PAVEMENT
2	EA	RETROFIT EXISTING CURB RAMP
200	SY	6" CONCRETE DRIVEWAY
5	EA	ADJUSTMENT OF MANHOLES
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,242	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
68,622	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
49,390	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
70	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
225	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
21	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
35	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
878	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
615,390	LF	PAINT PAVEMENT MARKING LINES (4")
700	LF	PAINT PAVEMENT MARKING LINES (12")
878	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
494	EA	PERMANENT RAISED PAVEMENT MARKERS
4,400	LF	TEMPORARY SILT FENCE
2,471	LF	WATTLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140415 006

CONTRACT ID : C203531 10CR.10901.37

DIV OFFICE ALBEMARLE

LENGTH = 21.400 MI

COUNTY : UNION

MILLING, WIDENING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : JUN 20 2015

2 SECTIONS OF NC-207, 1 SECTION OF NC-601 &amp; 10 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
7,338	CY	BORROW EXCAVATION
2,976	TON	INCIDENTAL STONE BASE
0.3	SMI	SHOULDER CONSTRUCTION
39.5	SMI	SHOULDER RECONSTRUCTION
36,470	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
223	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,401	SY	INCIDENTAL MILLING
2,946	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
23,385	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
23,754	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,791	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
3,515	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,130	TON	ASPHALT BINDER FOR PLANT MIX
9,637	TON	PATCHING EXISTING PAVEMENT
982	SY	6" CONCRETE DRIVEWAY
2	EA	ADJUSTMENT OF DROP INLETS
2	EA	ADJUSTMENT OF MANHOLES
54	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,377.2	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
212,069	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
205,127	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
105	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
736	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
48	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
251,797	LF	PAINT PAVEMENT MARKING LINES (4")
1,780	EA	PERMANENT RAISED PAVEMENT MARKERS
3,693	LF	TEMPORARY SILT FENCE
475	TON	STONE FOR EROSION CONTROL, CLASS B
239	TON	SEDIMENT CONTROL STONE
3,693	LF	WATTLE
12	LB	POLYACRYLAMIDE (PAM)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L140415 007

CONTRACT ID : C203508

17BP.11.R.56

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.244 MI

COUNTY : SURRY

GRADING, DRAINAGE, PAVING &amp; STRUCTURES.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : NOV 28 2016

BRIDGE #155 ON NC-268 (SOUTH KEY ST) OVER US-52 AND BRIDGE #156 ON COOK SCHOOL RD OVER US-52.

ROADWAY ITEMS				
		1,760	SY	GEOTEXTILE FOR DRAINAGE
		1,996	SF	WORK ZONE SIGNS (STATIONARY)
		644	SF	WORK ZONE SIGNS (PORTABLE)
		112	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
		6	EA	FLASHING ARROW BOARD
		4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
		239	EA	DRUMS
		25	EA	CONES
		96	LF	BARRICADES (TYPE III)
		200	HR	FLAGGER
		4	EA	TEMPORARY CRASH CUSHIONS
		4	EA	RESET TEMPORARY CRASH CUSHION
		2	EA	TMA
		2,380	LF	PORTABLE CONCRETE BARRIER
		2,140	LF	RESET PORTABLE CONCRETE BARRIER
		240	HR	LAW ENFORCEMENT
		25	EA	SKINNY DRUM
		44	EA	TEMPORARY RAISED PAVEMENT MARKERS
		123	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
		18	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		4,352	LF	PAINT PAVEMENT MARKING LINES (4")
		114	LF	PAINT PAVEMENT MARKING LINES (8")
		300	LF	PAINT PAVEMENT MARKING LINES (24")
		12	EA	PAINT PAVEMENT MARKING SYMBOL
		5,940	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
				(HIGHLY REFLECTIVE ELEMENTS)
		38	EA	SNOWBLOWABLE PAVEMENT MARKERS
		3,600	LF	TEMPORARY SILT FENCE
		625	TON	STONE FOR EROSION CONTROL, CLASS A
		275	TON	STONE FOR EROSION CONTROL, CLASS B
		260	TON	SEDIMENT CONTROL STONE
		3.5	ACR	TEMPORARY MULCHING
		300	LB	SEED FOR TEMPORARY SEEDING
		1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
		425	LF	TEMPORARY SLOPE DRAINS
		200	LF	SAFETY FENCE
		510	CY	SILT EXCAVATION
		5,000	SY	MATTING FOR EROSION CONTROL
		525	LF	1/4" HARDWARE CLOTH
		330	LF	WATTLE
		100	LB	POLYACRYLAMIDE (PAM)
		4	ACR	SEEDING & MULCHING
		2	ACR	MOWING
		50	LB	SEED FOR REPAIR SEEDING
		0.25	TON	FERTILIZER FOR REPAIR SEEDING
		100	LB	SEED FOR SUPPLEMENTAL SEEDING
		2.5	TON	FERTILIZER TOPDRESSING
		10	MHR	SPECIALIZED HAND MOWING
		18	EA	RESPONSE FOR EROSION CONTROL
				<b>WALL ITEMS</b>
		1,736	SF	MSE RETAINING WALL NO **** (1 @ END BENT 1, STA. 14+62.76-L1-)
		1,953	SF	MSE RETAINING WALL NO **** (1 @ END BENT 1, STA.15+67.28-L-)
		1,912	SF	MSE RETAINING WALL NO **** (2 @ END BENT 2, STA. 14+62.76-L1-)
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			CONSTRUCTION SURVEYING
1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS			GRADING
7,200	CY			BORROW EXCAVATION
1,160	CY			DRAINAGE DITCH EXCAVATION
2,190	SF			TEMPORARY SHORING
80	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
247	SY			FOUNDATION CONDITIONING GEOTEXTILE
244	LF			15" DRAINAGE PIPE
100	LF			24" DRAINAGE PIPE
8	EA			*** DRAINAGE PIPE ELBOWS (15")
160	LF			24" RC PIPE CULVERTS, CLASS IV
44	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (15", 0.500")
40	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.500")
88	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500")
16	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (15", 0.500")
16	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.500")
32	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500")
210	LF			PIPE REMOVAL
100	TON			INCIDENTAL STONE BASE
890	SY			MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")
748	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
130	TON			ASPHALT CONC BASE COURSE, TYPE B25.0C
548	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
63	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
881	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
44	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C
125	TON			ASPHALT BINDER FOR PLANT MIX
830	LF			MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
1	CY			PIPE PLUGS
8	EA			MASONRY DRAINAGE STRUCTURES
4	EA			FRAME WITH TWO GRATES, STD 840.22
160	LF			***X** CONCRETE CURB (8" X 12")
80	SY			5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
2,437.5	LF			STEEL BM GUARDRAIL
87.5	LF			STEEL BM GUARDRAIL, SHOP CURVED
10	EA			ADDITIONAL GUARDRAIL POSTS
4	EA			GUARDRAIL ANCHOR UNITS, TYPE CAT-1
8	EA			GUARDRAIL ANCHOR UNITS, TYPE III
6	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
6	EA			GUARDRAIL ANCHOR UNITS, TYPE M-350
2,244	LF			REMOVE EXISTING GUARDRAIL
18	TON			RIP RAP, CLASS B

2,216 SF MSE RETAINING WALL NO \*\*\*\*  
(2 @ END BENT 2,  
STA. 15+67.28-L-)

### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14-62.76-L1-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+67.28-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 14-62.76-L1-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 15+67.28-L-)
2	EA	PDA TESTING
13,072	SF	REINFORCED CONCRETE DECK SLAB
11,422	SF	GROOVING BRIDGE FLOORS
235.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14-62.76-L1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+67.28-L-)
31,872	LB	REINFORCING STEEL (BRIDGE)
2,035	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,489.05	LF	45" PRESTRESSED CONCRETE GIR- DERS
2,485	LF	HP14X73 STEEL PILES
49	EA	STEEL PILE POINTS
573.05	LF	TWO BAR METAL RAIL
605.01	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2 3/4" X 2'-6")
64	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS

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

L140415 008

CONTRACT ID : C203027 34497.3.FS4

DIV OFFICE SHELBY

LENGTH = 1.704 MI

COUNTY : CLEVELAND

GRADING, DRAINAGE, -Y- LINE PAVING, AND STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : DEC 28 2017

US-74 (SHELBY BYPASS) FROM EAST OF SR-1161 (PLEASANT RIDGE RD) TO WEST OF SR-1314 (HOYLE RD).

ROADWAY ITEMS					
			44	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
			17	CY	ENDWALLS
			1	CY	PIPE COLLARS
Lump Sum	LS	MOBILIZATION	47	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CONSTRUCTION SURVEYING	26	LF	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	2	EA	FRAME WITH TWO GRATES, STD 840.20
	2	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	4	EA			SEALING ABANDONED WELLS
	492,000	CY			UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (157+75.50 -L- EB)	490	LF	SHOULDER BERM GUTTER
			862.5	LF	STEEL BM GUARDRAIL
			62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (157+75.50 -L- WB)	10	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+83.14 -Y5-)	3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
	3,500	CY			UNDERCUT EXCAVATION
	1,404	CY			DRAINAGE DITCH EXCAVATION
	2,040	LF			BERM DITCH CONSTRUCTION
	1,900	SY			BREAKING OF EXISTING ASPHALT PAVEMENT
	10	HR			PROOF ROLLING
	1,500	CY			SELECT GRANULAR MATERIAL
	5,600	SY			GEOTEXTILE FOR SOIL STABILIZATION
	1,210	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	6,065	SY			FOUNDATION CONDITIONING GEOTEXTILE
	740	LF			15" RC PIPE CULVERTS, CLASS III
	2,036	LF			18" RC PIPE CULVERTS, CLASS III
	1,932	LF			24" RC PIPE CULVERTS, CLASS III
	952	LF			30" RC PIPE CULVERTS, CLASS III
	880	LF			36" RC PIPE CULVERTS, CLASS III
	248	LF			42" RC PIPE CULVERTS, CLASS III
	112	LF			36" RC PIPE CULVERTS, CLASS IV
	156	LF			*** CS PIPE CULVERTS, ***** THICK (36", 0.079")
	332	LF			15" CS PIPE CULVERTS, 0.064" THICK
	184	LF			18" CS PIPE CULVERTS, 0.064" THICK
	256	LF			24" CS PIPE CULVERTS, 0.064" THICK
	5	EA			*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
	64	LF			PIPE REMOVAL
Lump Sum	LS	FINE GRADING	12,000	LF	TEMPORARY SILT FENCE
	20	TON			#57 STONE
	1,000	CY			SHALLOW UNDERCUT
	1,500	TON			CLASS IV SUBGRADE STABILIZATION
	1,500	TON			AGGREGATE BASE COURSE
	500	TON			INCIDENTAL STONE BASE
	1,000	CY			SHOULDER BORROW
	40	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	550	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	750	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	75	TON			ASPHALT BINDER FOR PLANT MIX
	100	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	403.2	CY			SUBDRAIN EXCAVATION
	201.6	CY			SUBDRAIN FINE AGGREGATE
	1,200	LF			6" PERFORATED SUBDRAIN PIPE
	3	EA			SUBDRAIN PIPE OUTLET
	18	LF			6" OUTLET PIPE
			512,500	LF	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
			17	CY	ENDWALLS
			1	CY	PIPE COLLARS
			47	EA	MASONRY DRAINAGE STRUCTURES
			26	LF	MASONRY DRAINAGE STRUCTURES
			2	EA	FRAME WITH TWO GRATES, STD 840.20
			490	LF	SHOULDER BERM GUTTER
			862.5	LF	STEEL BM GUARDRAIL
			62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
			10	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			18,250	LF	WOVEN WIRE FENCE, 47" FABRIC
			1,165	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			270	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			1,000	LF	ADDITIONAL BARBED WIRE
			1,545	TON	RIP RAP, CLASS I
			195	TON	RIP RAP, CLASS II
			441	TON	RIP RAP, CLASS B
			4,596	SY	GEOTEXTILE FOR DRAINAGE
			371	SF	WORK ZONE SIGNS (STATIONARY)
			96	SF	WORK ZONE SIGNS (PORTABLE)
			119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			30	EA	CONES
			96	LF	BARRICADES (TYPE III)
			240	HR	FLAGGER
			35	EA	TEMPORARY RAISED PAVEMENT MARKERS
			16,864	LF	PAINT PAVEMENT MARKING LINES (4")
			1,020	LF	12" WATER LINE
			1,285	LF	16" WATER LINE
			2	EA	12" VALVE
			2	EA	16" VALVE
			2	EA	RELOCATE FIRE HYDRANT
			2,315	LF	ABANDON 6" UTILITY PIPE
			1,210	LF	ABANDON 16" UTILITY PIPE
			154	LF	24" ENCASEMENT PIPE
			160	LF	30" ENCASEMENT PIPE
			120	LF	2" GAS LINE
			1,390	LF	6" GAS LINE
			170	LF	GENERIC UTILITY ITEM 10" ENCASEMENT PIPE
			12,000	LF	TEMPORARY SILT FENCE
			1,500	TON	STONE FOR EROSION CONTROL, CLASS A
			3,000	TON	STONE FOR EROSION CONTROL, CLASS B
			2,000	TON	SEDIMENT CONTROL STONE
			55	ACR	TEMPORARY MULCHING
			1,900	LB	SEED FOR TEMPORARY SEEDING
			9.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			2,500	LF	TEMPORARY SLOPE DRAINS
			1,500	LF	SAFETY FENCE
			10,000	CY	SILT EXCAVATION
			56,000	SY	MATTING FOR EROSION CONTROL
			2,500	SY	COIR FIBER MAT
			1,500	SY	PERMANENT SOIL REINFORCEMENT MAT
			1,500	LF	1/4" HARDWARE CLOTH
			40	LF	TEMPORARY PIPE FOR STREAM CROSSING
			6,125	LF	WATTLE
			150	LF	COIR FIBER WATTLE
			2,950	LB	POLYACRYLAMIDE (PAM)
			4,000	LF	COIR FIBER BAFFLE

28	EA	*** SKIMMER (1-1/2")
1	EA	*** SKIMMER (2")
1	EA	*** SKIMMER (2-1/2")
65	ACR	SEEDING & MULCHING
30	ACR	MOWING
600	LB	SEED FOR REPAIR SEEDING
2	TON	FERTILIZER FOR REPAIR SEEDING
1,425	LB	SEED FOR SUPPLEMENTAL SEEDING
42.5	TON	FERTILIZER TOPDRESSING
30	MHR	SPECIALIZED HAND MOWING
90	EA	RESPONSE FOR EROSION CONTROL

### STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 203+50.35-L-)
2	EA	PDA TESTING
28,637	SF	REINFORCED CONCRETE DECK SLAB
28,632	SF	GROOVING BRIDGE FLOORS
302.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (157+75.50-L-EBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (157+75.50-L-WBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (203+50.35-L-)
48,506	LB	REINFORCING STEEL (BRIDGE)
1,155	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,504.16	LF	54" PRESTRESSED CONCRETE GIR- DERS
713	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
4,130	LF	HP12X53 STEEL PILES
1,840	LF	PP ** X **** GALVANIZED STEEL PILES (24" X 0.50")
24	EA	PIPE PILE PLATES
60	EA	PILE REDRIVES
1,370.67	LF	CONCRETE BARRIER RAIL
675	SY	4" SLOPE PROTECTION
1,750	TON	RIP RAP CLASS II (2'-0" THICK)
1,895	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS

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

L140415 009

CONTRACT ID : C203201 34497.3.FS5

DIV OFFICE SHELBY

LENGTH = 3.346 MI

COUNTY : CLEVELAND

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : DEC 28 2017

US-74 (SHELBY BYPASS) FROM WEST OF SR-1314 TO EAST OF NC-226.

ROADWAY ITEMS					
			964	LF	***** RC PIPE CULVERTS, CLASS IV (60")
Lump Sum	LS	MOBILIZATION	1,188	LF	***** RC PIPE CULVERTS, CLASS IV (66")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	1,720	LF	15" RC PIPE CULVERTS, CLASS IV
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING	376	LF	18" RC PIPE CULVERTS, CLASS IV
12	EA	SEALING ABANDONED WELLS	408	LF	24" RC PIPE CULVERTS, CLASS IV
1,404,000	CY	UNCLASSIFIED EXCAVATION	496	LF	30" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (247+79.14 -L- LT)	564	LF	36" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (248+12.65 -L- RT)	216	LF	*** CS PIPE CULVERTS, ***** THICK (42", 0.109")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (248+12.65 -L- RT)	128	LF	30" CS PIPE CULVERTS, 0.079" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+27.06 -Y1-)	56	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (24", 0.312")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (340+47.08 -L- LT)	56	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (42", 0.625")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (340+93.21 -L- RT)	400	LF	PIPE REMOVAL
7,750	CY	UNDERCUT EXCAVATION	Lump Sum	LS	FINE GRADING
732,000	CY	BORROW EXCAVATION	60	TON	#57 STONE
15,100	CY	DRAINAGE DITCH EXCAVATION	2,000	CY	SHALLOW UNDERCUT
1,250	LF	BERM DITCH CONSTRUCTION	3,000	TON	CLASS IV SUBGRADE STABILIZATION
2,750	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	26,300	TON	AGGREGATE BASE COURSE
440	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	8,190	GAL	PRIME COAT
50	HR	PROOF ROLLING	6,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
4,500	CY	SELECT GRANULAR MATERIAL, CLASS III	8,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
11,500	SY	GEOTEXTILE FOR SOIL STABILIZATION	805	TON	ASPHALT BINDER FOR PLANT MIX
3,498	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	211	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
18,476	SY	FOUNDATION CONDITIONING GEOTEXTILE	896	CY	SUBDRAIN EXCAVATION
136	LF	*** SIDE DRAIN PIPE (36")	672	CY	SUBDRAIN FINE AGGREGATE
20	LF	*** SIDE DRAIN PIPE (48")	4,000	LF	6" PERFORATED SUBDRAIN PIPE
3,100	LF	15" SIDE DRAIN PIPE	8	EA	SUBDRAIN PIPE OUTLET
1,182	LF	18" SIDE DRAIN PIPE	48	LF	6" OUTLET PIPE
1,124	LF	24" SIDE DRAIN PIPE	110	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
59	EA	*** SIDE DRAIN PIPE ELBOWS (15")	46	CY	ENDWALLS
9	EA	*** SIDE DRAIN PIPE ELBOWS (18")	41	CY	REINFORCED ENDWALLS
10	EA	*** SIDE DRAIN PIPE ELBOWS (24")	1	CY	PIPE PLUGS
2	EA	*** SIDE DRAIN PIPE ELBOWS (36")	163	EA	MASONRY DRAINAGE STRUCTURES
300	LF	***** RC PIPE CULVERTS, CLASS ***** (18", V)	104	LF	MASONRY DRAINAGE STRUCTURES
4,864	LF	15" RC PIPE CULVERTS, CLASS III	4	EA	FRAME WITH GRATE, STD 840.22
2,348	LF	18" RC PIPE CULVERTS, CLASS III	2	EA	FRAME WITH TWO GRATES, STD 840.16
662	LF	24" RC PIPE CULVERTS, CLASS III	1	EA	FRAME WITH TWO GRATES, STD 840.20
96	LF	30" RC PIPE CULVERTS, CLASS III	38	EA	FRAME WITH TWO GRATES, STD 840.22
104	LF	36" RC PIPE CULVERTS, CLASS III	7	EA	FRAME WITH TWO GRATES, STD 840.29
100	LF	42" RC PIPE CULVERTS, CLASS III	2	EA	FRAME WITH COVER, STD 840.54
100	LF	48" RC PIPE CULVERTS, CLASS III	2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
580	LF	***** RC PIPE CULVERTS, CLASS IV (48")	5	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
488	LF	***** RC PIPE CULVERTS, CLASS IV (54")	1	EA	*** SLUICE GATE (24")
			1	EA	*** SLUICE GATE (30")
			2	EA	*** SLUICE GATE (36")
			1	EA	*** SLUICE GATE (42")
			1	EA	*** SLUICE GATE (48")
			380	LF	2'-6" CONCRETE CURB & GUTTER
			2,380	LF	SHOULDER BERM GUTTER
			60	SY	6" CONCRETE DRIVEWAY
			40	SY	4" CONCRETE PAVED DITCH
			2,780	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)



2	EA	PDA TESTING
24	EA	SID INSPECTIONS
24	EA	SPT TESTING
8	EA	CSL TESTING
80,140.2	SF	REINFORCED CONCRETE DECK SLAB
82,593.9	SF	GROOVING BRIDGE FLOORS
1,795.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (247+90.66-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (247+90.66-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (252+73.29-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (252+73.29-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (340+70.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (340+70.00-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (354+83.22-L-)
384,683	LB	REINFORCING STEEL (BRIDGE)
47,806	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
4,866.45	LF	54" PRESTRESSED CONCRETE GIR- DERS
1,348.91	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
792,568	LS	APPROX ..... LBS STRUCTURAL STEEL
5,730	LF	HP12X53 STEEL PILES
3,515	LF	HP14X73 STEEL PILES
81	EA	PILE REDRIVES
3,762.73	LF	CONCRETE BARRIER RAIL
680	LF	*** CHAIN LINK FENCE (72")
3,651.4	SY	4" SLOPE PROTECTION
3,815	TON	RIP RAP CLASS II (2'-0" THICK)
4,233	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140415 010

CONTRACT ID : C203547 34497.3.FS4

DIV OFFICE SHELBY

LENGTH = 5.050 MI

COUNTY : CLEVELAND

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 14.0% COMPLETION DATE : DEC 28 2017

US-74 FROM EAST OF SR-1161 (PLEASANT RIDGE RD) TO EAST OF NC-226.

ROADWAY ITEMS					
			984	LF	36" RC PIPE CULVERTS, CLASS III
			348	LF	42" RC PIPE CULVERTS, CLASS III
			100	LF	48" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
5	ACR	SUPPLEMENTARY CLEARING & GRUBBING	580	LF	**** RC PIPE CULVERTS, CLASS IV (48")
16	EA	SEALING ABANDONED WELLS	488	LF	**** RC PIPE CULVERTS, CLASS IV (54")
1,896,000	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (157+75.50 -L- EB)	964	LF	**** RC PIPE CULVERTS, CLASS IV (60")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (157+75.50 -L- WB)	1,188	LF	**** RC PIPE CULVERTS, CLASS IV (66")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+83.14 -Y5-)	1,720	LF	15" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (247+79.14 -L- LT)	376	LF	18" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (248+12.65 -L- RT)	408	LF	24" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+27.06 -Y1-)	496	LF	30" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (340+47.08 -L- LT)	676	LF	36" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (340+93.21 -L- RT)	156	LF	** CS PIPE CULVERTS, ***** THICK (36", 0.079")
			216	LF	** CS PIPE CULVERTS, ***** THICK (42", 0.109")
			332	LF	15" CS PIPE CULVERTS, 0.064" THICK
			184	LF	18" CS PIPE CULVERTS, 0.064" THICK
			256	LF	24" CS PIPE CULVERTS, 0.064" THICK
11,250	CY	UNDERCUT EXCAVATION	128	LF	30" CS PIPE CULVERTS, 0.079" THICK
515,000	CY	BORROW EXCAVATION			
16,504	CY	DRAINAGE DITCH EXCAVATION			
3,290	LF	BERM DITCH CONSTRUCTION	5	EA	** CS PIPE ELBOWS, ***** THICK (15", 0.064")
2,750	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	56	LF	** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (24", 0.312")
440	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	56	LF	** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (42", 0.625")
1,900	SY	BREAKING OF EXISTING ASPHALT PAVEMENT			
60	HR	PROOF ROLLING	464	LF	PIPE REMOVAL
4,500	CY	SELECT GRANULAR MATERIAL, CLASS III	Lump Sum	LS	FINE GRADING
1,500	CY	SELECT GRANULAR MATERIAL	80	TON	#57 STONE
17,100	SY	GEOTEXTILE FOR SOIL STABILIZATION	3,000	CY	SHALLOW UNDERCUT
4,708	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4,500	TON	CLASS IV SUBGRADE STABILIZATION
24,541	SY	FOUNDATION CONDITIONING GEOTEXTILE	27,800	TON	AGGREGATE BASE COURSE
136	LF	** SIDE DRAIN PIPE (36")	500	TON	INCIDENTAL STONE BASE
20	LF	** SIDE DRAIN PIPE (48")	8,190	GAL	PRIME COAT
3,100	LF	15" SIDE DRAIN PIPE	40	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,182	LF	18" SIDE DRAIN PIPE	6,550	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,124	LF	24" SIDE DRAIN PIPE	9,350	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
59	EA	** SIDE DRAIN PIPE ELBOWS (15")	880	TON	ASPHALT BINDER FOR PLANT MIX
9	EA	** SIDE DRAIN PIPE ELBOWS (18")	311	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
10	EA	** SIDE DRAIN PIPE ELBOWS (24")	1,299.2	CY	SUBDRAIN EXCAVATION
2	EA	** SIDE DRAIN PIPE ELBOWS (36")	873.6	CY	SUBDRAIN FINE AGGREGATE
300	LF	**** RC PIPE CULVERTS, CLASS ***** (18", V)	5,200	LF	6" PERFORATED SUBDRAIN PIPE
5,604	LF	15" RC PIPE CULVERTS, CLASS III	11	EA	SUBDRAIN PIPE OUTLET
4,384	LF	18" RC PIPE CULVERTS, CLASS III	66	LF	6" OUTLET PIPE
2,594	LF	24" RC PIPE CULVERTS, CLASS III	154	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
1,048	LF	30" RC PIPE CULVERTS, CLASS III	63	CY	ENDWALLS
			41	CY	REINFORCED ENDWALLS
			1	CY	PIPE COLLARS
			1	CY	PIPE PLUGS
			210	EA	MASONRY DRAINAGE STRUCTURES
			130	LF	MASONRY DRAINAGE STRUCTURES
			4	EA	FRAME WITH GRATE, STD 840.22
			2	EA	FRAME WITH TWO GRATES, STD 840.16

			6	EA	PERMANENT RAISED PAVEMENT MARKERS
			103	EA	SNOWPLOWABLE PAVEMENT MARKERS
		6,618	LF	6" WATER LINE	
		80	LF	8" WATER LINE	
		1,020	LF	12" WATER LINE	
		2,597	LF	16" WATER LINE	
3	EA	FRAME WITH TWO GRATES, STD 840.20	9	EA	6" VALVE
38	EA	FRAME WITH TWO GRATES, STD 840.22	3	EA	12" VALVE
7	EA	FRAME WITH TWO GRATES, STD 840.29	6	EA	16" VALVE
2	EA	FRAME WITH COVER, STD 840.54	1	EA	2" AIR RELEASE VALVE
2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	7	EA	RELOCATE WATER METER
5	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	1	EA	RECONNECT WATER METER
1	EA	*** SLUICE GATE (24")	1	EA	FIRE HYDRANT
1	EA	*** SLUICE GATE (30")	5	EA	RELOCATE FIRE HYDRANT
2	EA	*** SLUICE GATE (36")	281	LF	16" SANITARY GRAVITY SEWER
1	EA	*** SLUICE GATE (42")	3,035	LF	6" FORCE MAIN SEWER
1	EA	*** SLUICE GATE (48")	11,378	LF	ABANDON 6" UTILITY PIPE
380	LF	2'-6" CONCRETE CURB & GUTTER	78	LF	ABANDON 12" UTILITY PIPE
2,870	LF	SHOULDER BERM GUTTER	4,392	LF	ABANDON 16" UTILITY PIPE
60	SY	6" CONCRETE DRIVEWAY	4	EA	REMOVE WATER METER
40	SY	4" CONCRETE PAVED DITCH	2	EA	REMOVE FIRE HYDRANT
2,780	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	173	LF	*** ENCASEMENT PIPE (10")
6,212.5	LF	STEEL BM GUARDRAIL	1,126	LF	12" ENCASEMENT PIPE
137.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	154	LF	24" ENCASEMENT PIPE
20	EA	ADDITIONAL GUARDRAIL POSTS	668	LF	30" ENCASEMENT PIPE
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	89	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
9	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	89	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	120	LF	2" GAS LINE
775	LF	TEMPORARY STEEL BM GUARDRAIL	1,390	LF	6" GAS LINE
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	2	EA	GENERIC UTILITY ITEM ADJUST WATER VAULT LID
58,610	LF	WOVEN WIRE FENCE, 47" FABRIC	170	LF	GENERIC UTILITY ITEM 10" ENCASEMENT PIPE
3,735	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	57,000	LF	TEMPORARY SILT FENCE
860	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	5,000	TON	STONE FOR EROSION CONTROL, CLASS A
1,000	LF	ADDITIONAL BARBED WIRE	13,000	TON	STONE FOR EROSION CONTROL, CLASS B
2,475	TON	RIP RAP, CLASS I	11,900	TON	SEDIMENT CONTROL STONE
4,765	TON	RIP RAP, CLASS II	155	ACR	TEMPORARY MULCHING
5,651	TON	RIP RAP, CLASS B	9,700	LB	SEED FOR TEMPORARY SEEDING
27,786	SY	GEOTEXTILE FOR DRAINAGE	36.5	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	8,500	LF	TEMPORARY SLOPE DRAINS
119	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	9,100	LF	SAFETY FENCE
7	EA	SIGN ERECTION, TYPE E	60,000	CY	SILT EXCAVATION
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	181,000	SY	MATTING FOR EROSION CONTROL
1,124	SF	WORK ZONE SIGNS (STATIONARY)	8,500	SY	COIR FIBER MAT
352	SF	WORK ZONE SIGNS (PORTABLE)	8,300	SY	PERMANENT SOIL REINFORCEMENT MAT
457	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	9,800	LF	1/4" HARDWARE CLOTH
209	EA	DRUMS	180	LF	*** TEMPORARY PIPE (24")
71	EA	CONES	180	LF	TEMPORARY PIPE FOR STREAM CROSSING
812	LF	BARRICADES (TYPE III)	12	EA	SPECIAL STILLING BASINS
300	DAY	FLAGGER	25,125	LF	WATTLE
50	EA	SKINNY DRUM	150	LF	COIR FIBER WATTLE
185	EA	TEMPORARY RAISED PAVEMENT MARKERS	15,450	LB	POLYACRYLAMIDE (PAM)
13,684	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	16,000	LF	COIR FIBER BAFFLE
11,306	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	94	EA	*** SKIMMER (1-1/2")
1,013	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	10	EA	*** SKIMMER (2")
42	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	6	EA	*** SKIMMER (2-1/2")
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1	EA	*** SKIMMER (3")
992	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	265	ACR	SEEDING & MULCHING
112	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)	80	ACR	MOWING
154,370	LF	PAINT PAVEMENT MARKING LINES (4")	1,800	LB	SEED FOR REPAIR SEEDING
212	LF	PAINT PAVEMENT MARKING LINES (24")	7.25	TON	FERTILIZER FOR REPAIR SEEDING
1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	4,575	LB	SEED FOR SUPPLEMENTAL SEEDING
24	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	136.75	TON	FERTILIZER TOPDRESSING
			350	LF	IMPERVIOUS DIKE
			130	MHR	SPECIALIZED HAND MOWING
			290	EA	RESPONSE FOR EROSION CONTROL
			14	ACR	REFORESTATION
					<b>CULVERT ITEMS</b>
			Lump Sum	LS	CULVERT EXCAVATION, STA ***** (222+20.43-L-)
			559	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT

1,395.7	CY	CLASS A CONCRETE (CULVERT)
123,002	LB	REINFORCING STEEL (CULVERT)

**WALL ITEMS**

12,177.6	SF	MSE RETAINING WALL NO **** (1 @ END BENT #1)
8,456.4	SF	MSE RETAINING WALL NO **** (2 @ END BENT #2)

**STRUCTURE ITEMS**

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 203+50.35-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 247+90.66-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 247+90.66-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 354+83.22-L-)
436.35	LF	***" DIA DRILLED PIERS IN SOIL (4'-6")
249	LF	***" DIA DRILLED PIERS NOT IN SOIL (4'-6")
153.3	LF	PERMANENT STEEL CASING FOR ***" DIA DRILLED PIER (4'-6")
4	EA	PDA TESTING
24	EA	SID INSPECTIONS
24	EA	SPT TESTING
8	EA	CSL TESTING
108,777.2	SF	REINFORCED CONCRETE DECK SLAB
111,225.9	SF	GROOVING BRIDGE FLOORS
2,097.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (157+75.50-L-EBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (157+75.50-L-WBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (203+50.35-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (247+90.66-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (247+90.66-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (252+73.29-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (252+73.29-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (340+70.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (340+70.00-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (354+83.22-L-)
433,189	LB	REINFORCING STEEL (BRIDGE)
48,961	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
7,370.61	LF	54" PRESTRESSED CONCRETE GIR- DERS
713	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1,348.91	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
792,568	LS	APPROX ..... LBS STRUCTURAL STEEL
9,860	LF	HP12X53 STEEL PILES
3,515	LF	HP14X73 STEEL PILES
1,840	LF	PP ** X **** GALVANIZED STEEL PILES (24" X 0.50")
24	EA	PIPE PILE PLATES

141	EA	PILE REDRIVES
5,133.4	LF	CONCRETE BARRIER RAIL
680	LF	***" CHAIN LINK FENCE (72")
4,326.4	SY	4" SLOPE PROTECTION
5,565	TON	RIP RAP CLASS II (2'-0" THICK)
6,128	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140415 011

CONTRACT ID : C202778 33627.3.FD1

DIV OFFICE SYLVA

LENGTH = 0.109 MI

COUNTY : TRANSYLVANIA

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : NOV 11 2015

BRIDGE OVER EAST FORK FRENCH BROAD RIVER AND APPROACHES ON SR-1107.

ROADWAY ITEMS					
			13,850	LF	PAINT PAVEMENT MARKING LINES (4")
			132	LF	PAINT PAVEMENT MARKING LINES (24")
Lump Sum	LS	MOBILIZATION	1,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
Lump Sum	LS	CONSTRUCTION SURVEYING	7	EA	SNOWFLOWABLE PAVEMENT MARKERS
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (12+81.00-L2-)	2,050	LF	TEMPORARY SILT FENCE
Lump Sum	LS	GRADING	240	TON	STONE FOR EROSION CONTROL, CLASS A
	1	ACR SUPPLEMENTARY CLEARING & GRUB-BING	100	TON	STONE FOR EROSION CONTROL, CLASS B
	100	CY UNDERCUT EXCAVATION	125	TON	SEDIMENT CONTROL STONE
	100	CY SELECT GRANULAR MATERIAL	2	ACR	TEMPORARY MULCHING
	200	SY GEOTEXTILE FOR SOIL STABILIZATION	200	LB	SEED FOR TEMPORARY SEEDING
	206	SF TEMPORARY SHORING	2	TON	FERTILIZER FOR TEMPORARY SEEDING
	5	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	100	LF	TEMPORARY SLOPE DRAINS
	15	SY FOUNDATION CONDITIONING GEOTEXTILE	300	LF	SAFETY FENCE
	16	LF 15" DRAINAGE PIPE	250	CY	SILT EXCAVATION
	20	LF 18" SIDE DRAIN PIPE	4,800	SY	MATTING FOR EROSION CONTROL
	130	CY SHALLOW UNDERCUT	100	SY	COIR FIBER MAT
	125	TON CLASS IV SUBGRADE STABILIZATION	50	SY	PERMANENT SOIL REINFORCEMENT MAT
	230	TON AGGREGATE BASE COURSE	275	LF	1/4" HARDWARE CLOTH
	50	TON INCIDENTAL STONE BASE	60	SY	FLOATING TURBIDITY CURTAIN
	200	GAL PRIME COAT	2	EA	SPECIAL STILLING BASINS
	100	SY INCIDENTAL MILLING	150	LF	WATTLE
	370	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	45	LB	POLYACRYLAMIDE (PAM)
	260	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	135	LF	COIR FIBER BAFFLE
	34	TON ASPHALT BINDER FOR PLANT MIX	3	EA	*** SKIMMER (1-1/2")
	23	CY SUBDRAIN EXCAVATION	2	ACR	SEEDING & MULCHING
	17	CY SUBDRAIN FINE AGGREGATE	1	ACR	MOWING
	100	LF 6" PERFORATED SUBDRAIN PIPE	50	LB	SEED FOR REPAIR SEEDING
	1	EA SUBDRAIN PIPE OUTLET	0.25	TON	FERTILIZER FOR REPAIR SEEDING
	6	LF 6" OUTLET PIPE	50	LB	SEED FOR SUPPLEMENTAL SEEDING
	1	EA MASONRY DRAINAGE STRUCTURES	1.25	TON	FERTILIZER TOPDRESSING
	1	EA FRAME WITH TWO GRATES, STD 840.29	10	MHR	SPECIALIZED HAND MOWING
	10	LF SHOULDER BERM GUTTER	25	EA	RESPONSE FOR EROSION CONTROL
	12.5	LF STEEL BM GUARDRAIL	0.15	ACR	REFORESTATION
	5	EA ADDITIONAL GUARDRAIL POSTS			***** BEGIN SCHEDULE CA *****
	4	EA GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)	1	EA	***** (2 ALTERNATES) *****
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III			*** OR ***
	100	LF TEMPORARY STEEL BM GUARDRAIL	315	DAY	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM
	2	EA TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)			*** END SCHEDULE CA ***
	7	TON RIP RAP, CLASS I			
	2	TON RIP RAP, CLASS B			
	832	SY GEOTEXTILE FOR DRAINAGE			
	160	LF SUPPORTS, 3-LB STEEL U-CHANNEL			
	11	EA SIGN ERECTION, TYPE E	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+81.00-L2-)
	1	EA SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+81.00-L2-)
	13	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL	26.8	CY	CLASS A CONCRETE (BRIDGE)
	1	EA DISPOSAL OF SUPPORT, U-CHANNEL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+81.00-L2-)
	274	SF WORK ZONE SIGNS (STATIONARY)	4,030	LB	REINFORCING STEEL (BRIDGE)
	256	SF WORK ZONE SIGNS (PORTABLE)	215	LF	HP12X53 STEEL PILES
	64	SF WORK ZONE SIGNS (BARRICADE MOUNTED)	105	LF	TWO BAR METAL RAIL
	40	EA DRUMS	120	LF	1'-**X ***** CONCRETE PARAPET (1'-2" X 2'-11 1/2" )
	34	EA CONES	250	TON	RIP RAP CLASS II (2'-0" THICK)
	32	LF BARRICADES (TYPE III)	280	SY	GEOTEXTILE FOR DRAINAGE
	240	HR FLAGGER	Lump Sum	LS	ELASTOMERIC BEARINGS
	1	EA TMA			
	40	LF WATER FILLED BARRIER			
	30	EA SKINNY DRUM			
	84	EA TEMPORARY RAISED PAVEMENT MARKERS			

STRUCTURE ITEMS

600 LF 3'-0" X 2'-0" PRESTRESSED CONC  
CORED SLABS