



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

July 11, 2014

NOTICE TO: All Prequalified Contractors

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

SUBJECT: Broadcast of Raleigh Central Highway Letting

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

Go to [Raleigh Central Letting](#) and click on "Live Now" which will be available 15 minutes prior to Letting.

Manual process:

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

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

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900
FAX: 919-250-4119

WEBSITE: WWW.NCDOT.GOV

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

**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 OCTOBER 20, 2015. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

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

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

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

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

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS SEPTEMBER 22, 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.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason 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 L151020

RPN	Contract Id	WBS	County	Length	JobType
*001	C203756	32635.3.9	DARE	1.017 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
002	C203760	2016CPT.03.09.10101 ETC.	BRUNSWICK	16.250 MI	RESURFACING, SHOULDER RECONSTRUCTION, GUARDRAIL, & SIGNALS.
003	C203625	40151.3.2	GUILFORD	0.127 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
**004	C203627	55063.3.F1	GUILFORD	80.000 MI	COMPUTERIZED SIGNAL SYSTEM.
005	C203616	38551.3.FD1	MONTGOMERY	0.114 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
006	C203587	38331.3.FR1	DAVIDSON	0.289 MI	GRADING, DRAINAGE, PAVING, SIGNALS, RET WALL, AND STRUCTURE.
007	C203318	41902.3.FR1	TRANSYLVANIA	0.666 MI	GRADING, DRAINAGE, PAVING, SIGNALS & WALLS.

* NOTE: RPN 1, C203756 DARE COUNTY HAS A MANDATORY PREBID ON MONDAY, OCTOBER 5, 2015 FROM 10:00AM TO 12:00PM AT NCDOT FLEET AND MATERIAL MANAGEMENT UNIT, CHIEF ENGINEERS CONFERENCE ROOM, 4809 BERYL ROAD, RALEIGH, NC 27606, 919-733-2220.

**NOTE: RPN 4, C203627 GUILFORD COUNTY HAS A CHANGE IN COST. LARGE ROADWAY PLANS ARE \$200.00 AND SMALL ROADWAY PLANS ARE \$60.00.

2,000	CY	GENERIC STRUCTURE ITEM OFF-SITE JETTING SPOIL DISPOSAL
13,925	SF	GENERIC STRUCTURE ITEM REINFORCED APPROACH FILLS
5,000	DOL	CONTRACT TIME

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L151020 002

CONTRACT ID : C203760 2016CPT.03.09.10101 DIV OFFICE CASTLE HAYNE
 COUNTY : BRUNSWICK

LENGTH = 16.250 MI

RESURFACING, SHOULDER RECONSTRUCTION, GUARDRAIL, & SIGNALS.

MBE GOAL 4.0% WBE 6.0% COMPLETION DATE : NOV 18 2016

US-17 FROM SOUTH CAROLINA STATE LINE TO NC-904 AND 14 SECTIONS OF SECONDARY ROADS.

Lump Sum		ROADWAY ITEMS				
	LS	MOBILIZATION		400	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
2,591	CY	BORROW EXCAVATION		572	EA	PERMANENT RAISED PAVEMENT MARKERS
230	TON	INCIDENTAL STONE BASE		1,538	EA	SNOWBLOWABLE PAVEMENT MARKERS
42.18	SMI	SHOULDER RECONSTRUCTION		2,109	LF	TEMPORARY SILT FENCE
1,136	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		530	TON	STONE FOR EROSION CONTROL, CLASS B
500	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")		530	TON	SEDIMENT CONTROL STONE
2,430	SY	INCIDENTAL MILLING		21.09	ACR	TEMPORARY MULCHING
10,180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		200	LB	SEED FOR TEMPORARY SEEDING
1,050	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)		200	SY	MATTING FOR EROSION CONTROL
32,973	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		1,055	LF	1/4" HARDWARE CLOTH
398	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		390	LF	WATTLE
771	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A		4.93	ACR	SEEDING & MULCHING
2,707	TON	ASPHALT BINDER FOR PLANT MIX		1,055	LB	SEED FOR REPAIR SEEDING
1,349	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (#67)		5.3	TON	FERTILIZER FOR REPAIR SEEDING
540	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT		320	LF	UNPAVED TRENCHING (*****) (1, 2")
10	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S4.75A (LEVELING COURSE)		4	EA	JUNCTION BOX (STANDARD SIZE)
220	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)		5,840	LF	INDUCTIVE LOOP SAWCUT
5,235	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)		3,330	LF	LEAD-IN CABLE (*****) (14-2)
100	LF	GENERIC PAVING ITEM REMOVE & REPLACE 6" X 9" CONCRETE CURB				
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1				
9	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
1,925	LF	GENERIC GUARDRAIL ITEM REMOVE & REPLACE EXISTING GUARDRAIL				
2,064	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING				
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL				
240	HR	LAW ENFORCEMENT				
69,972	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
42,920	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
147,528	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)				
24,309	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)				
758	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)				
356	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)				
352	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
5,624	LF	PAINT PAVEMENT MARKING LINES (6")				
356	LF	PAINT PAVEMENT MARKING LINES (24")				
12	EA	PAINT PAVEMENT MARKING CHARACTER				
76	EA	PAINT PAVEMENT MARKING SYMBOL				
400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L151020 003

CONTRACT ID : C203625 40151.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.127 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : MAR 06 2017

BRIDGE #193 OVER BUFFALO CREEK ON SR-2719 (HIGH ROCK RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+70.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
100	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
800	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEOTEXTILE
60	LF	18" RC PIPE CULVERTS, CLASS III
24	LF	PIPE REMOVAL
300	CY	SHALLOW UNDERCUT
600	TON	CLASS IV SUBGRADE STABILIZATION
75	TON	AGGREGATE BASE COURSE
250	TON	INCIDENTAL STONE BASE
420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
370	TON	ASPHALT CONC SURFACE COURSE, TYPE SP9.5A
55	TON	ASPHALT BINDER FOR PLANT MIX
5	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
13	LF	SHOULDER BERM GUTTER
5	LF	GENERIC PAVING ITEM SPECIAL SHOULDER BERM CURB
100	LF	STEEL BM GUARDRAIL
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
3	TON	RIP RAP, CLASS B
1,265	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
91	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
2	EA	SIGN ERECTION, TYPE E
11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
536	SF	WORK ZONE SIGNS (STATIONARY)
141	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
1,269	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,245	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
8	EA	PERMANENT RAISED PAVEMENT MARKERS
1,800	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
135	TON	STONE FOR EROSION CONTROL, CLASS B
410	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
180	CY	SILT EXCAVATION
700	SY	MATTING FOR EROSION CONTROL
300	SY	COIR FIBER MAT
275	SY	PERMANENT SOIL REINFORCEMENT MAT
550	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
200	LF	WATTLE
60	LB	POLYACRYLAMIDE (PAM)
0.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+70.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+70.50 -L-)
51	LF	PILE EXCAVATION IN SOIL
19	LF	PILE EXCAVATION NOT IN SOIL
39	LF	3'-0" DIA DRILLED PIERS IN SOIL
56	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
47.7	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTIONS
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+70.50 -L-)
19.5	CY	CLASS AA CONCRETE (BRIDGE)
86.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+70.50 -L-)
24,887	LB	REINFORCING STEEL (BRIDGE)
2,556	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
230	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
289	TON	RIP RAP CLASS II (2'-0" THICK)
320	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
840	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
840	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
264.6	LF	GENERIC STRUCTURE ITEM 1'-9" x 10 1/2" CONC CURB
264.6	LF	GENERIC STRUCTURE ITEM 42" OREGON RAIL

1	EA	GENERIC SIGNAL ITEM FURNISH DIGITAL HARDWARE VIDEO ENCODER	160	SF	GENERIC SIGNAL ITEM BRICK PAVERS
13	EA	GENERIC SIGNAL ITEM FURNISH ETHERNET EDGE SWITCH			
1	EA	GENERIC SIGNAL ITEM FURNISH FIBER-OPTIC POWER METER			
1	EA	GENERIC SIGNAL ITEM FURNISH FIBER-OPTIC RESTORA- TION KIT			
1	EA	GENERIC SIGNAL ITEM FURNISH OPTICAL LIGHT GENER- ATOR			
1	EA	GENERIC SIGNAL ITEM FURNISH SPARE CABLE & CONNECT- ORS KIT			
1	EA	GENERIC SIGNAL ITEM FURNISH VISUAL FAULT LOCATOR			
37	EA	GENERIC SIGNAL ITEM GUY ASSEMBLY (AERIAL)			
61	EA	GENERIC SIGNAL ITEM GUY ASSEMBLY (SIDEWALK)			
26	EA	GENERIC SIGNAL ITEM INTEGRATED BASE ADAPTER (TYPE 1)			
3	EA	GENERIC SIGNAL ITEM INTEGRATED BASE ADAPTER (TYPE 2)			
10	EA	GENERIC SIGNAL ITEM INTEGRATED BASE ADAPTER (TYPE 3)			
1	EA	GENERIC SIGNAL ITEM INTEGRATED BASE ADAPTER (TYPE 4)			
4	EA	GENERIC SIGNAL ITEM ITS SERVER			
1	EA	GENERIC SIGNAL ITEM KVM SWITCH			
4	EA	GENERIC SIGNAL ITEM LAPTOP COMPUTER			
14	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE			
16	EA	GENERIC SIGNAL ITEM MODIFY EXISTING SPLICE			
2	EA	GENERIC SIGNAL ITEM NETWORK VIDEO RECORDER			
4	EA	GENERIC SIGNAL ITEM PTZ JOYSTICK			
19	EA	GENERIC SIGNAL ITEM REMOVE SPLICE CABINET			
16	EA	GENERIC SIGNAL ITEM REPLACE EXISTING JB COVER (OVER-SIZED)			
8	EA	GENERIC SIGNAL ITEM TERMINAL SPLICE CABINET			
2	EA	GENERIC SIGNAL ITEM TEST CONTROLLER WITH CABINET (2070E, 332)			
1	EA	GENERIC SIGNAL ITEM UPS (SIGNAL SHOP)			
47	EA	GENERIC SIGNAL ITEM VEHICLE SIGNAL HEAD (12", 3 SECTION WITH BI-MODAL SECTION)			
4	EA	GENERIC SIGNAL ITEM VIDEO PROCESSING UNIT			
Lump Sum	LS	GENERIC SIGNAL ITEM MODIFY CCTV SOFTWARE			
Lump Sum	LS	GENERIC SIGNAL ITEM NETWORK MANAGEMENT SOFTWARE			
Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SHOP MODIFICATIONS			
Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SYSTEM SOFTWARE			
Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM SUPPORT SOFTWARE & DEVICES			
Lump Sum	LS	GENERIC SIGNAL ITEM TOC MODIFICATIONS			
Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING			
820	LF	GENERIC SIGNAL ITEM AERIAL CABLE PROTECTOR			
2,676	LF	GENERIC SIGNAL ITEM ETHERNET CABLE			
33,910	LF	GENERIC SIGNAL ITEM LEAD-IN CABLE			
2,434	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 2")			
27,744	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (2, 2")			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L151020 005

CONTRACT ID : C203616 38551.3.FD1

DIV OFFICE ABERDEEN

LENGTH = 0.114 MI

COUNTY : MONTGOMERY

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 7.0% COMPLETION DATE : OCT 10 2016

BRIDGE #22 OVER RICHLAND CREEK ON SR-1111 (LILLY'S BRIDGE RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
400	CY	UNDERCUT EXCAVATION
59	CY	DRAINAGE DITCH EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
400	SY	GEOTEXTILE FOR SOIL STABILIZATION
258	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
3,654	SY	FOUNDATION CONDITIONING GEOTEXTILE
5	TON	INCIDENTAL STONE BASE
800	SY	INCIDENTAL MILLING
440	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
350	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
45	TON	ASPHALT BINDER FOR PLANT MIX
425	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
31	TON	RIP RAP, CLASS I
2	TON	RIP RAP, CLASS B
524	SY	GEOTEXTILE FOR DRAINAGE
373	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
4,800	LF	PAINT PAVEMENT MARKING LINES (4")
601	LF	12" WATER LINE
617	LF	8" FORCE MAIN SEWER
582	LF	ABANDON 12" UTILITY PIPE
1,080	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
165	TON	STONE FOR EROSION CONTROL, CLASS B
65	TON	SEDIMENT CONTROL STONE
1.2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
660	CY	SILT EXCAVATION
1,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
115	LF	1/4" HARDWARE CLOTH
115	LF	*** TEMPORARY PIPE (30")
135	LF	COIR FIBER WATTLE
95	LB	POLYACRYLAMIDE (PAM)
495	LF	COIR FIBER BAFFLE
5	EA	*** SKIMMER (1-1/2")
1.2	ACR	SEEDING & MULCHING
0.6	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
55	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
15	EA	RESPONSE FOR EROSION CONTROL
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+07.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+07.00 -L-)
121	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
173.5	CY	CLASS A CONCRETE (CULVERT)
20,416	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L151020 006

CONTRACT ID : C203587 38331.3.FR1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.289 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, SIGNALS, RET WALL, AND STRUCTURE.

DBE GOAL 13.0% COMPLETION DATE : OCT 28 2019

BRIDGE #27 OVER US-29/64/70 AND I-85 BUS LOOP ON US-52.

		ROADWAY ITEMS			
				3,765	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
				1,725	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
Lump Sum	LS	MOBILIZATION		4,280	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	CONSTRUCTION SURVEYING		3,810	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	GRADING		1,310	TON ASPHALT BINDER FOR PLANT MIX
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		609	TON ASPHALT PLANT MIX, PAVEMENT REPAIR
2,500	CY	UNDERCUT EXCAVATION		43	EA RIGHT OF WAY MARKERS
410	LF	BERM DITCH CONSTRUCTION		134.4	CY SUBDRAIN EXCAVATION
1,000	CY	SELECT GRANULAR MATERIAL		600	SY GEOTEXTILE FOR SUBSURFACE DRAINS
2,682	SY	GEOTEXTILE FOR SOIL STABILIZATION		100.8	CY SUBDRAIN COARSE AGGREGATE
4,117.3	SF	TEMPORARY SHORING		600	LF 6" PERFORATED SUBDRAIN PIPE
100	TON	GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL		2	EA SUBDRAIN PIPE OUTLET
1,067	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		12	LF 6" OUTLET PIPE
2,760	SY	FOUNDATION CONDITIONING GEOTEXTILE		2.3	CY ENDWALLS
44	LF	15" SIDE DRAIN PIPE		1.151	CY PIPE COLLARS
60	LF	12" RC PIPE CULVERTS, CLASS III		542	CY FLOWABLE FILL
724	LF	15" RC PIPE CULVERTS, CLASS III		76	EA MASONRY DRAINAGE STRUCTURES
3,560	LF	18" RC PIPE CULVERTS, CLASS III		11.135	CY MASONRY DRAINAGE STRUCTURES
428	LF	24" RC PIPE CULVERTS, CLASS III		125.2	LF MASONRY DRAINAGE STRUCTURES
548	LF	30" RC PIPE CULVERTS, CLASS III		6	EA FRAME WITH TWO GRATES, STD 840.16
1,544	LF	36" RC PIPE CULVERTS, CLASS III		5	EA FRAME WITH TWO GRATES, STD 840.20
588	LF	42" RC PIPE CULVERTS, CLASS III		31	EA FRAME WITH TWO GRATES, STD 840.22
32	LF	54" RC PIPE CULVERTS, CLASS III		1	EA FRAME WITH TWO GRATES, STD 840.29
24	LF	15" RC PIPE CULVERTS, CLASS IV		5	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
108	LF	15" CS PIPE CULVERTS, 0.064" THICK		8	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
100	LF	18" CS PIPE CULVERTS, 0.064" THICK		13	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")		11	EA FRAME WITH COVER, STD 840.54
4	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")		5	EA CONCRETE TRANSITIONAL SECTION FOR DROP INLET
140	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.312")		4,030	LF 2'-6" CONCRETE CURB & GUTTER
156	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.531")		26	EA CONCRETE CURB RAMP
176	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")		11	SY 4" CONCRETE PAVED DITCH
19	LF	GENERIC PIPE ITEM 56" X 40" ELLIPSE PIPE LINER		925	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
40	LF	GENERIC PIPE ITEM 43" X 68" ELLIPSE RC PIPE CLASS III		625	LF PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
1,713	LF	PIPE REMOVAL		1,050	SY GENERIC PAVING ITEM 5' STAMPED CONCRETE SIDEWALK
1,000	CY	SHALLOW UNDERCUT		400	SY GENERIC PAVING ITEM TEMPORARY SIDEWALK
1,800	TON	CLASS IV SUBGRADE STABILIZATION		1	EA ADJUSTMENT OF DROP INLETS
1,340	TON	AGGREGATE BASE COURSE		33	EA ADJUSTMENT OF METER BOXES OR VALVE BOXES
100	TON	INCIDENTAL STONE BASE		1	EA CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
469	GAL	PRIME COAT		1	EA CONVERT EXISTING DROP INLET TO JUNCTION BOX
12,850	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")		6,225	LF STEEL BM GUARDRAIL
2,000	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")		8	EA STEEL BM GUARDRAIL TERMINAL SECTIONS
6,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		5	EA ADDITIONAL GUARDRAIL POSTS
6,210	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		2	EA GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
				2	EA GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)
				1	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1
				4	EA GUARDRAIL ANCHOR UNITS, TYPE III
				7	EA GUARDRAIL ANCHOR UNITS, TYPE 350
				6	EA GUARDRAIL ANCHOR UNITS, TYPE B-77

			18	EA	ELECTRICAL JUNCTION BOXES ***** (PC 18)
6,800	LF	REMOVE EXISTING GUARDRAIL	40	LF	4" WATER LINE
4,050	LF	CHAIN LINK FENCE, 48" FABRIC	603	LF	6" WATER LINE
346	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	38	LF	16" WATER LINE
			4	EA	6" VALVE
59	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	3	EA	RELOCATE WATER METER
			1	EA	FIRE HYDRANT
15	TON	RIP RAP, CLASS I	3	EA	RELOCATE FIRE HYDRANT
13	TON	RIP RAP, CLASS B	1,060	LF	8" SANITARY GRAVITY SEWER
751	SY	GEOTEXTILE FOR DRAINAGE	10	EA	4' DIA UTILITY MANHOLE
13	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS	1	EA	5' DIA UTILITY MANHOLE
			9.97	LF	UTILITY MANHOLE WALL, 4' DIA
1	CY	PLAIN CONCRETE SIGN FOUNDA- TIONS	2.57	LF	UTILITY MANHOLE WALL, 5' DIA
3,711	LB	SUPPORTS, BREAKAWAY STEEL BEAM	2,680	LF	ABANDON 6" UTILITY PIPE
6,248	LB	SUPPORTS, SIMPLE STEEL BEAM	3,344	LF	ABANDON 8" UTILITY PIPE
943	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	33	LF	ABANDON 16" UTILITY PIPE
2	EA	SIGN ERECTION, TYPE D	7	EA	REMOVE WATER METER
63	EA	SIGN ERECTION, TYPE E	6	EA	ABANDON UTILITY MANHOLE
11	EA	SIGN ERECTION, TYPE F	6	EA	REMOVE UTILITY MANHOLE
6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	5,920	LF	TEMPORARY SILT FENCE
			390	TON	STONE FOR EROSION CONTROL, CLASS A
9	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1,710	TON	STONE FOR EROSION CONTROL, CLASS B
78	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	1,550	TON	SEDIMENT CONTROL STONE
1,050	SF	WORK ZONE SIGNS (STATIONARY)	31	ACR	TEMPORARY MULCHING
1,000	SF	WORK ZONE SIGNS (PORTABLE)	2,000	LB	SEED FOR TEMPORARY SEEDING
200	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	11	TON	FERTILIZER FOR TEMPORARY SEED- ING
4	EA	FLASHING ARROW BOARD	300	LF	TEMPORARY SLOPE DRAINS
7	EA	PORTABLE CHANGEABLE MESSAGE SIGN	200	LF	SAFETY FENCE
200	EA	DRUMS	1,810	CY	SILT EXCAVATION
220	LF	BARRICADES (TYPE III)	25,000	SY	MATTING FOR EROSION CONTROL
160	DAY	FLAGGER	100	SY	COIR FIBER MAT
4	EA	TEMPORARY CRASH CUSHIONS	850	SY	PERMANENT SOIL REINFORCEMENT MAT
6	EA	RESET TEMPORARY CRASH CUSHION	3,340	LF	1/4" HARDWARE CLOTH
6	EA	TMA	1,080	LF	COIR FIBER WATTLE
2,000	LF	PORTABLE CONCRETE BARRIER	520	LB	POLYACRYLAMIDE (PAM)
160	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	450	LF	COIR FIBER BAFFLE
3,550	LF	RESET PORTABLE CONCRETE BAR- RIER	1	EA	*** SKIMMER (1-1/2")
200	HR	LAW ENFORCEMENT	36	ACR	SEEDING & MULCHING
250	EA	TEMPORARY RAISED PAVEMENT MARKERS	17	ACR	MOWING
16,312	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	350	LB	SEED FOR REPAIR SEEDING
6,563	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	1	TON	FERTILIZER FOR REPAIR SEEDING
2,119	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	825	LB	SEED FOR SUPPLEMENTAL SEEDING
1,479	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	24.5	TON	FERTILIZER TOPDRESSING
605	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	10	MHR	SPECIALIZED HAND MOWING
73	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	25	EA	RESPONSE FOR EROSION CONTROL
725	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	6	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
5,500	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	16	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
184	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)	9,335	LF	SIGNAL CABLE
2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)	35	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
134,000	LF	PAINT PAVEMENT MARKING LINES (4")	7	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
6,700	LF	PAINT PAVEMENT MARKING LINES (8")	7	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
1,220	LF	PAINT PAVEMENT MARKING LINES (24")	1,050	LF	MESSENGER CABLE (3/8")
95	EA	PAINT PAVEMENT MARKING SYMBOL	250	LF	PAVED TRENCHING (***** (2, 2")
3,100	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	625	LF	UNPAVED TRENCHING (***** (1, 2")
150	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	250	LF	UNPAVED TRENCHING (***** (2, 2")
13	EA	PERMANENT RAISED PAVEMENT MARKERS	710	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
122	EA	SNOWPLOWABLE PAVEMENT MARKERS	700	LF	DIRECTIONAL DRILL (***** (2, 2")
2,335	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2", WITH MIN 240LB 2 PLY PULL LINE)	26	EA	JUNCTION BOX (STANDARD SIZE)
578	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")	8	EA	WOOD POLE
			16	EA	GUY ASSEMBLY
			2	EA	1" RISER WITH WEATHERHEAD
			10	EA	2" RISER WITH WEATHERHEAD
			5,500	LF	INDUCTIVE LOOP SAWCUT
			10,475	LF	LEAD-IN CABLE (***** (14-2)
			2	EA	900MHZ RADIO
			3	EA	MODIFY RADIO INSTALLATION
			8	EA	METAL POLE WITH SINGLE MAST ARM
			8	EA	SOIL TEST
			48	CY	DRILLED PIER FOUNDATION
			8	EA	MAST ARM WITH METAL POLE DE- SIGN
			8	EA	SIGN FOR SIGNALS
			2	EA	TYPE I POST WITH FOUNDATION

13	EA	TYPE II PEDESTAL WITH FOUNDATION
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
15	EA	DETECTOR CARD (TYPE 2070L)
3	EA	CABINET BASE EXTENDER
4	EA	METAL POLE FOUNDATION REMOVAL
4	EA	METAL POLE REMOVAL
2	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PUSHBUTTON POST (BLACK)
13	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SIGNAL PEDESTAL (BLACK)
8	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM POLE (BLACK)

WALL ITEMS

3,180	SF	MSE RETAINING WALL NO **** (1)
3,130	SF	MSE RETAINING WALL NO **** (2)
12,015	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+41.72 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 13+41.72 -L-)
1	EA	PDA TESTING
14,788	SF	REINFORCED CONCRETE DECK SLAB
14,928	SF	GROOVING BRIDGE FLOORS
260.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+41.72 -L-)
36,079	LB	REINFORCING STEEL (BRIDGE)
2,212	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,752	LF	45" PRESTRESSED CONCRETE GIRDERS
1,785	LF	HP12X53 STEEL PILES
76	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA***** (13+41.72 -L-)
306.3	LF	GENERIC STRUCTURE ITEM CLASSIC CONC BRIDGE RAIL
1,972.92	SF	GENERIC STRUCTURE ITEM PATTERNED CONC SIDEWALK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L151020 007

CONTRACT ID : C203318 41902.3.FR1

DIV OFFICE SYLVA

LENGTH = 0.666 MI

COUNTY : TRANSYLVANIA

GRADING, DRAINAGE, PAVING, SIGNALS & WALLS.

DBE GOAL 7.0% COMPLETION DATE : MAR 30 2018

CALDWELL ST FROM US-64 (ROSMAN HIGHWAY) TO PROBART ST.

ROADWAY ITEMS					
			150	LF	***X*** CONCRETE CURB (9" X 12")
			6,850	LF	2'-6" CONCRETE CURB & GUTTER
			300	LF	CONCRETE EXPRESSWAY GUTTER
			3,140	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	MOBILIZATION	32	EA	CONCRETE CURB RAMP
Lump Sum	LS	CONSTRUCTION SURVEYING	665	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	GRADING	40	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	675	SY	GENERIC PAVING ITEM 12" CONCRETE HEADERS
200	CY	UNDERCUT EXCAVATION	1,955	SY	GENERIC PAVING ITEM 6' STAMPED CONCRETE CROSSWALK
100	CY	SELECT GRANULAR MATERIAL	18	EA	ADJUSTMENT OF MANHOLES
200	SY	GEOTEXTILE FOR SOIL STABILIZATION	60	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,100	SF	TEMPORARY SHORING	95	LF	CHAIN LINK FENCE RESET
600	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	280	LF	GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL
1,870	SY	FOUNDATION CONDITIONING GEOTEXTILE	10	TON	RIP RAP, CLASS B
4,816	LF	15" RC PIPE CULVERTS, CLASS IV	230	SY	GEOTEXTILE FOR DRAINAGE
376	LF	18" RC PIPE CULVERTS, CLASS IV	567	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
292	LF	24" RC PIPE CULVERTS, CLASS IV	32	EA	SIGN ERECTION, TYPE E
58	LF	15" CS PIPE CULVERTS, 0.064" THICK	2	EA	SIGN ERECTION, TYPE F
48	LF	24" CS PIPE CULVERTS, 0.064" THICK	24	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	724	SF	WORK ZONE SIGNS (STATIONARY)
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	288	SF	WORK ZONE SIGNS (PORTABLE)
100	CY	SHALLOW UNDERCUT	74	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
200	TON	CLASS IV SUBGRADE STABILIZATION	440	EA	DRUMS
487	TON	AGGREGATE BASE COURSE	70	EA	CONES
1,000	TON	INCIDENTAL STONE BASE	64	LF	BARRICADES (TYPE III)
1,830	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")	8,640	HR	FLAGGER
2,820	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 4")	2	EA	TEMPORARY CRASH CUSHIONS
680	SY	INCIDENTAL MILLING	458	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
1,190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	6	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,730	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	290	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,520	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	8,909	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
350	TON	ASPHALT BINDER FOR PLANT MIX	237	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
150	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	854	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
44.8	CY	SUBDRAIN EXCAVATION	214	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	36	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
33.6	CY	SUBDRAIN COARSE AGGREGATE	785	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	6" PERFORATED SUBDRAIN PIPE	600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	SUBDRAIN PIPE OUTLET	60	EA	SNOWFLOWABLE PAVEMENT MARKERS
6	LF	6" OUTLET PIPE	2	EA	2" VALVE
4.34	CY	PIPE COLLARS	2	EA	2" BLOW OFF
80	EA	MASONRY DRAINAGE STRUCTURES	270	LF	ABANDON 6" UTILITY PIPE
23.7	LF	MASONRY DRAINAGE STRUCTURES	1,200	LF	TEMPORARY SILT FENCE
3	EA	FRAME WITH TWO GRATES, STD 840.16	75	TON	STONE FOR EROSION CONTROL, CLASS A
1	EA	FRAME WITH TWO GRATES, STD 840.22	80	TON	STONE FOR EROSION CONTROL, CLASS B
1	EA	FRAME WITH TWO GRATES, STD 840.24	635	TON	SEDIMENT CONTROL STONE
6	EA	FRAME WITH TWO GRATES, STD 840.29	3	ACR	TEMPORARY MULCHING
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	300	LB	SEED FOR TEMPORARY SEEDING
27	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
30	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	200	LF	TEMPORARY SLOPE DRAINS
10	EA	FRAME WITH COVER, STD 840.54	400	LF	SAFETY FENCE
			120	CY	SILT EXCAVATION
			10,000	SY	MATTING FOR EROSION CONTROL
			3,020	LF	1/4" HARDWARE CLOTH
			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
13	EA	RESPONSE FOR EROSION CONTROL
2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
10	CY	CONCRETE STEPS
120	LF	HANDRAIL ON STEPS
16	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
2,510	LF	SIGNAL CABLE
17	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1,300	LF	MESSENGER CABLE (1/4")
575	LF	TRACER WIRE
800	LF	UNPAVED TRENCHING (***** (1, 2")
600	LF	DIRECTIONAL DRILL (***** (1, 2")
370	LF	DIRECTIONAL DRILL (***** (2, 2")
11	EA	JUNCTION BOX (STANDARD SIZE)
17	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
3	EA	GUY ASSEMBLY
3	EA	2" RISER WITH HEAT SHRINK TUBING
1,910	LF	INDUCTIVE LOOP SAWCUT
2,485	LF	LEAD-IN CABLE (***** (14-2)
2,350	LF	COMMUNICATIONS CABLE (**FIBER) (12)
2	EA	SPLICE ENCLOSURE
3	EA	INTERCONNECT CENTER
4	EA	DELINEATOR MARKER
7	EA	900MHZ RADIO
2,000	LF	REMOVE EXISTING COMMUNICATIONS CABLE
4	EA	METAL POLE WITH DUAL MAST ARM
4	EA	SOIL TEST
36	CY	DRILLED PIER FOUNDATION
4	EA	MAST ARM WITH METAL POLE DE- SIGN
3	EA	SIGN FOR SIGNALS
14	EA	TYPE I POST WITH FOUNDATION
4	EA	TYPE II PEDESTAL WITH FOUND- ATION
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
13	EA	DETECTOR CARD (TYPE 2070L)
2	EA	CABINET BASE EXTENDER
4	EA	METAL POLE FOUNDATION REMOVAL
4	EA	METAL POLE REMOVAL
4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR DUAL MAST ARM POLE
14	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PUSHBUTTON POST
4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SIGNAL PEDESTAL
140	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE

WALL ITEMS

1,460	SF	MSE RETAINING WALL NO **** (1)
1,620	SF	MSE RETAINING WALL NO **** (2)
2,960	SF	CIP GRAVITY RETAINING WALLS
206.03	LF	GENERIC STRUCTURE ITEM CONC BARRIER RAIL WITH MOMENT SLAB