



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, 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.





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January 19, 2016

NOTICE TO: All Prequalified Contractors
FROM: R. A. Garris, PE 
State Contract Officer
SUBJECT: Asbestos Inspection Prior to Bridge Demolition

Effective with the February 16, 2016 letting, a new project special provision entitled *Asbestos Assessment for Bridge Demolition and Renovation* will be included in any contract containing a structure removal line item. A contract line item for payment of this work will also be included in the contract.

The United States Environmental Protection Agency (EPA) has provided clarification of the asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation as it applies to bridges, identifying them as regulated structures. As such, a thorough inspection is required for the presence of asbestos.

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 MAY 17, 2016. 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 APRIL 19, 2016.
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	Brandon H Jones, 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	Mark E Stafford, 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 L160517

RPN	Contract Id	WBS	County	Length	JobType
001	C203865	2016CPT.02.03.10541.1	LENOIR	8.462 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
002	C203727	42329.3.1	GRANVILLE	0.180 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C203864	2016CPT.05.09.10351.1 ETC.	FRANKLIN	56.435 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
004	C203819	52008.3.FS1	CUMBERLAND	13.470 MI	PAVEMENT AND BRIDGE REHABILITATION.
005	C203841	53052.3.FS1	ROBESON	6.500 MI	PAVEMENT REHABILITATION.
006	C203861	2016CPT.06.08.10091.1 ETC.	BLADEN, COLUMBUS	48.160 MI	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
007	C203728	46058.3.1	GUILFORD	0.156 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C203783	52010.3.1 ETC.	GUILFORD	7.093 MI	PAVEMENT REHABILITATION.
009	C203780	50080.3.FD1	FORSYTH	0.312 MI	GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.
010	C203863	2016CPT.10.57.10131.1 ETC.	CABARRUS, MECKLENBURG	29.360 MI	MILLING, RESURF, FULL DEPTH RECLAMATION AND SHLD RECONST.
011	C203851	2016CPT.10.58.20902.8 ETC.	UNION	18.390 MI	MILLING, RESURFACING, WIDENING, SHLD RECONST AND CONST.
012	C203810	42308.3.1	ASHE	0.037 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
013	C203857	2016CPT.12.04.10021 ETC.	ALEXANDER	15.060 MI	WIDENING, MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.
014	C203859	2016CPT.12.06.10231 ETC.	CLEVELAND	16.380 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
015	C203860	2016CPT.12.08.10491 ETC.	IREDELL	70.180 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
016	C202434	38908.3.FS2	CLAY	4.040 MI	GRADING, DRAINAGE, & PAVING.
017	C203856	44671.3.1	GRAHAM	18.360 MI	PAVEMENT REHABILITATION.
018	C203761	52034.3.1	HAYWOOD	6.719 MI	PAVEMENT & BRIDGE REHABILITATION, AND GUARDRAIL.

Bid Letting Number L160621

RPN	Contract Id	WBS	County	Length	JobType
*001	C203751	42263.3.1	WAKE	0.820 MI	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURES.

*PLEASE NOTE: C203751, WAKE COUNTY, B-5121, B-5317, 42263.3.1 HAS A MANDATORY PRE-BID CONFERENCE ON TUESDAY MAY 24, 2016 AT 10:00AM AT CHIEF ENGINEER'S CONFERENCE ROOM, NCDOT EQUIPMENT AND MAINTENANCE FACILITY 4809 BERYL RD, RALEIGH, NC 27606 (919) 733-2220.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 001

CONTRACT ID : C203865 2016CPT.02.03.10541.1 DIV OFFICE GREENVILLE

LENGTH = 8.462 MI

COUNTY : LENOIR

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : MAR 01 2017

2 SECTIONS OF US-70.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
175	TON	INCIDENTAL STONE BASE
34.7	SMI	SHOULDER RECONSTRUCTION
25,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
4,900	SY	INCIDENTAL MILLING
40,544	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,391	TON	ASPHALT BINDER FOR PLANT MIX
51,000	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,356	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
184,504	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
30,490	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
80	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
7,247	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
590	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
189	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
8,400	LF	PAINT PAVEMENT MARKING LINES (4")
475	LF	PAINT PAVEMENT MARKING LINES (12")
230	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
90	EA	PAINT PAVEMENT MARKING SYMBOL
270	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,937	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,200	LF	TEMPORARY SILT FENCE
250	LF	WATTLE
22.2	ACR	SEEDING & MULCHING
6	EA	RESPONSE FOR EROSION CONTROL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 002

CONTRACT ID : C203727 42329.3.1

DIV OFFICE DURHAM

LENGTH = 0.180 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

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

BRIDGE #125 OVER ARRON'S CREEK ON SR-1400 (GRASSY CREEK RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+12.0 -L-)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING
	300	CY UNDERCUT EXCAVATION
	22	CY DRAINAGE DITCH EXCAVATION
	300	CY SELECT GRANULAR MATERIAL
	400	SY GEOTEXTILE FOR SOIL STABILIZATION
	10	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	40	SY FOUNDATION CONDITIONING GEOTEXTILE
	20	LF 15" DRAINAGE PIPE
	72	LF 18" DRAINAGE PIPE
	2	EA *** DRAINAGE PIPE ELBOWS (15")
	2	EA *** DRAINAGE PIPE ELBOWS (18")
	100	TON INCIDENTAL STONE BASE
	900	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
	300	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	60	TON ASPHALT BINDER FOR PLANT MIX
	11	EA RIGHT OF WAY MARKERS
	1	EA MASONRY DRAINAGE STRUCTURES
	1	EA FRAME WITH TWO GRATES, STD 840.29
	10	LF SHOULDER BERM GUTTER
	37.5	LF STEEL BM GUARDRAIL
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350
	103	TON RIP RAP, CLASS I
	20	TON RIP RAP, CLASS II
	321	TON RIP RAP, CLASS B
	1,523	SY GEOTEXTILE FOR DRAINAGE
	61	LF SUPPORTS, 3-LB STEEL U-CHANNEL
	2	EA SIGN ERECTION, TYPE D
	8	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	467	SF WORK ZONE SIGNS (STATIONARY)
	94	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	80	LF BARRICADES (TYPE III)
	1,900	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	1,900	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	1,670	LF TEMPORARY SILT FENCE
	165	TON STONE FOR EROSION CONTROL, CLASS A
	265	TON STONE FOR EROSION CONTROL, CLASS B
	240	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
	200	LF SAFETY FENCE
	190	CY SILT EXCAVATION
	3,000	SY MATTING FOR EROSION CONTROL
	225	SY COIR FIBER MAT
	165	LF 1/4" HARDWARE CLOTH
	6	EA SPECIAL STILLING BASINS
	50	LF WATTLE
	90	LB POLYACRYLAMIDE (PAM)

110	LF	COIR FIBER BAFFLE
1	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
15	EA	RESPONSE FOR EROSION CONTROL
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STATION ***** (15+12.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+12.00 -L-)
9.5	LF	3'-0" DIA DRILLED PIERS IN SOIL
25	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
12.9	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+12.00 -L-)
66.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+12.00 -L-)
14,984	LB	REINFORCING STEEL (BRIDGE)
1,377	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
205	LF	HP12X53 STEEL PILES
10	EA	STEEL PILE POINTS
270.58	LF	VERTICAL CONCRETE BARRIER RAIL
470	TON	RIP RAP CLASS II (2'-0" THICK)
525	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,350	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 003

CONTRACT ID : C203864 2016CPT.05.09.10351.1 DIV OFFICE DURHAM

LENGTH = 56.435 MI

COUNTY : FRANKLIN

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : JUN 30 2017

1 SECTION OF NC-39, 1 SECTION OF NC-56, AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
11,442	CY	BORROW EXCAVATION
3,022	TON	INCIDENTAL STONE BASE
110.77	SMI	SHOULDER RECONSTRUCTION
3,140	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,152	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
16,413	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 4")
9,181	SY	INCIDENTAL MILLING
66,480	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,989	TON	ASPHALT BINDER FOR PLANT MIX
2,045	TON	PATCHING EXISTING PAVEMENT
1	EA	CONCRETE CURB RAMP
3	EA	ADJUSTMENT OF DROP INLETS
22	EA	ADJUSTMENT OF MANHOLES
25	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
6,360	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
20	HR	LAW ENFORCEMENT
597,912	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
565,460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,698	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
456	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
585	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
34	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
9,805	LF	PAINT PAVEMENT MARKING LINES (4")
475	LF	PAINT PAVEMENT MARKING LINES (8")
140	LF	PAINT PAVEMENT MARKING LINES (24")
11	EA	PAINT PAVEMENT MARKING SYMBOL
1,225	EA	SNOWPLOWABLE PAVEMENT MARKERS
7,963	LF	TEMPORARY SILT FENCE
19,950	LF	WATTLE
80.4	ACR	SEEDING & MULCHING
2,070	LF	INDUCTIVE LOOP SAWCUT

Lump Sum	LS	GENERIC STRUCTURE ITEM PAINT CONTAINMENT FOR BRIDGE #26	
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINT CONTAINMENT FOR BRIDGE #30	
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINT CONTAINMENT FOR BRIDGE #99	
Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER	
	89	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVER- LAY - VERY EARLY STRENGTH
	12	CF	GENERIC STRUCTURE ITEM CONCRETE FOR DECK REPAIR
	289	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE
	1,000	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL FOR GIRDER REPAIR
	988	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
	70	SF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR EPOXY OVERLAY
	195,195	SF	GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM - MECHAN- ICALLY DISTRIBUTED
	2,102	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
	2,102	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING OF LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH
	2,102	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160517 005

CONTRACT ID : C203841 53052.3.FS1

DIV OFFICE FAYETTEVILLE

LENGTH = 6.500 MI

COUNTY : ROBESON

PAVEMENT REHABILITATION.

DBE GOAL 3.0% COMPLETION DATE : SEP 15 2017

I-74 FROM US-74 ALTERNATE TO NC-710.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,901	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
35.4	SMI	SHOULDER RECONSTRUCTION
3,970	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
12,674	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
612	SY	INCIDENTAL MILLING
42,161	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SA-1
2,501	TON	ASPHALT BINDER FOR PLANT MIX
155	TON	PATCHING EXISTING PAVEMENT
137,280	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
150	LF	REMOVE EXISTING GUARDRAIL
244	SF	WORK ZONE SIGNS (STATIONARY)
571	SF	WORK ZONE SIGNS (PORTABLE)
44	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW BOARD
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
80	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
200	EA	DRUMS
40	EA	CONES
32	LF	BARRICADES (TYPE III)
80	HR	FLAGGER
1	EA	TMA
80	HR	LAW ENFORCEMENT
900	EA	TEMPORARY RAISED PAVEMENT MARKERS
154,013	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
17,572	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
435	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
5,841	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
204	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
350,000	LF	PAINT PAVEMENT MARKING LINES (6")
435	LF	PAINT PAVEMENT MARKING LINES (8")
641	LF	PAINT PAVEMENT MARKING LINES (12")
204	LF	PAINT PAVEMENT MARKING LINES (24")
26	EA	PAINT PAVEMENT MARKING SYMBOL
175,000	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1,435	EA	SNOWPLOWABLE PAVEMENT MARKERS
1	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 006

CONTRACT ID : C203861 2016CPT.06.08.10091.1 DIV OFFICE FAYETTEVILLE

LENGTH = 48.160 MI

COUNTY : BLADEN, COLUMBUS

WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

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

1 SECTION EACH OF NC-53, NC-131, NC-410, NC-210, NC-214, AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
16,452	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
97.6	SMI	SHOULDER RECONSTRUCTION
6,208	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
255,457	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3/4")
3,333	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
1,270	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,053	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
4,752	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (3/4" TO 1-1/2")
8,014	SY	INCIDENTAL MILLING
3,411	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,792	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
32,958	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
398	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
25,539	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
185	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
3,963	TON	ASPHALT BINDER FOR PLANT MIX
863	TON	PATCHING EXISTING PAVEMENT
112,282	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (6M)
48,284	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
4	EA	GENERIC PAVING ITEM REMOVE & REPLACE CURB RAMPS
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
5,651	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
403,860	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
262,665	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
5,510	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
479	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
383,040	LF	PAINT PAVEMENT MARKING LINES (4")
2,540	LF	PAINT PAVEMENT MARKING LINES (8")
69	LF	PAINT PAVEMENT MARKING LINES (24")
43	EA	PAINT PAVEMENT MARKING SYMBOL
3,421	EA	PERMANENT RAISED PAVEMENT MARKERS
4	EA	JUNCTION BOX (STANDARD SIZE)
2	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
1,825	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160517 007

CONTRACT ID : C203728 46058.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.156 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #161 OVER SOUTH BUFFALO CREEK ON SR-2821.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (17+21.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
400	CY	UNDERCUT EXCAVATION
295	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZATION
62	SF	TEMPORARY SHORING
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
30	SY	FOUNDATION CONDITIONING GEOTEXTILE
20	LF	15" DRAINAGE PIPE
2	EA	***" DRAINAGE PIPE ELBOWS (15")
28	LF	***" RC PIPE CULVERTS, CLASS ***** (24", V)
28	LF	15" RC PIPE CULVERTS, CLASS IV
20	TON	INCIDENTAL STONE BASE
420	SY	INCIDENTAL MILLING
425	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
395	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
50	LF	SHOULDER BERM GUTTER
75	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
32	TON	RIP RAP, CLASS II
96	TON	RIP RAP, CLASS B
737	SY	GEOTEXTILE FOR DRAINAGE
26	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
438	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
110	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
35	EA	DRUMS
80	LF	BARRICADES (TYPE III)
160	HR	FLAGGER
1	EA	TEMPORARY CRASH CUSHIONS
240	LF	PORTABLE CONCRETE BARRIER
10	EA	SKINNY DRUM
40	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3,200	LF	PAINT PAVEMENT MARKING LINES (4")
40	LF	PAINT PAVEMENT MARKING LINES (24")
950	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
250	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
375	TON	STONE FOR EROSION CONTROL, CLASS B
185	TON	SEDIMENT CONTROL STONE

1.5	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
200	CY	SILT EXCAVATION
2,500	SY	MATTING FOR EROSION CONTROL
140	SY	COIR FIBER MAT
800	SY	PERMANENT SOIL REINFORCEMENT MAT
460	LF	1/4" HARDWARE CLOTH
210	LF	WATTLE
165	LB	POLYACRYLAMIDE (PAM)
1.4	ACR	SEEDING & MULCHING
0.7	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	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
1	EA	GENERIC SIGNAL ITEM PORTABLE TRAFFIC SIGNAL SYSTEM (ACTUATED)

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+21.00 -L-)
76	LF	PILE EXCAVATION IN SOIL
64	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+21.00 -L-)
58.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+21.00 -L-)
8,997	LB	REINFORCING STEEL (BRIDGE)
140	LF	HP12X53 STEEL PILES
205.3	LF	VERTICAL CONCRETE BARRIER RAIL
95	TON	RIP RAP CLASS II (2'-0" THICK)
105	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,129.39	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160517 008

CONTRACT ID : C203783 52010.3.1

DIV OFFICE GREENSBORO

LENGTH = 7.093 MI

COUNTY : GUILFORD

PAVEMENT REHABILITATION.

DBE GOAL 6.0% COMPLETION DATE : JUL 01 2018

I-40 FROM FORSYTH COUNTY LINE TO 1.1MI EAST OF SR-1556 (GALLIMORE DAIRY RD) IN GREENSBORO.

ROADWAY ITEMS					
			69	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)
			42	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)
			59	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
			474,600	LF	PAINT PAVEMENT MARKING LINES (6")
			24,791	LF	PAINT PAVEMENT MARKING LINES (12")
			524	LF	PAINT PAVEMENT MARKING LINES (24")
			40	EA	PAINT PAVEMENT MARKING CHARACTER
			103	EA	PAINT PAVEMENT MARKING SYMBOL
			211,966	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)
			18,532	LF	POLYUREA PAVEMENT MARKING LINES (12", *****)
			236,460	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
			23,916	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
			69	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			74	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			4,126	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 12" BLACK
			55,645	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6" BLACK
			26	EA	GENERIC PAVEMENT MARKING ITEM IN LANE ROUTE SHIELDS
			3,981	EA	SNOWFLOWABLE PAVEMENT MARKERS
			803	EA	GENERIC TRAFFIC CONTROL ITEM BARRIER WALL DELINEATORS
			Lump Sum	LS	PORTABLE LIGHTING
			100	LF	UNPAVED TRENCHING (*****)
			5	EA	JUNCTION BOX (STANDARD SIZE)
			2	EA	2" RISER WITH WEATHERHEAD
			2,495	LF	INDUCTIVE LOOP SAWCUT
			1,325	LF	LEAD-IN CABLE (*****)
					(14-2)
Lump Sum	LS	MOBILIZATION			
149	CY	UNDERCUT EXCAVATION			
1,346	SY	GEOTEXTILE FOR SOIL STABILIZATION			
133	TON	#57 STONE			
400	TON	CLASS IV SUBGRADE STABILIZATION			
313	TON	INCIDENTAL STONE BASE			
19,854	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
57,984	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
2,654	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
6,113	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D			
156	TON	ASPHALT BINDER FOR PLANT MIX			
499	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX			
2,473	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED			
1,163	SF	PATCHING CONCRETE PAVEMENT SPALLS			
5,403	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (67)			
97,109	SY	ASPHALT SURFACE TREATMENT, FOG SEAL			
2,157	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT			
6,269	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
1,140	TON	GENERIC PAVING ITEM 4-1/2" PATCHING OF EXISTING PAVEMENT			
519,728	LF	GENERIC PAVING ITEM JOINT CONSTRUCTION, REPAIR AND SEALING			
392,765	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT			
444	SY	GENERIC PAVING ITEM REPAIR OF JOINTED CONCRETE PAVEMENT SLABS			
9,681	LF	GENERIC PAVING ITEM MILL RUMBLE STRIPS IN CONCRETE SHOULDER			
344	SF	WORK ZONE SIGNS (STATIONARY)			
975	SF	WORK ZONE SIGNS (PORTABLE)			
32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
6	EA	FLASHING ARROW BOARD			
12	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
250	EA	DRUMS			
40	LF	BARRICADES (TYPE III)			
6	EA	TMA			
250	EA	SKINNY DRUM			
21,012	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
6,894	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
633	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
2,880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
660	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)			
353	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
5	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
57	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
250	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160517 009

CONTRACT ID : C203780 50080.3.FD1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.312 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, SIGNALS & RETAINING WALLS.

DBE GOAL 14.0% COMPLETION DATE : OCT 28 2018

SR-4315 (SOUTH MAIN STREET) FROM I-40 BUSINESS RAMP TO SR-4278 (SOUTH CHERRY STREET) & SR-2648 (OLD WINSTON ROAD).

ROADWAY ITEMS					
			65	EA	CONCRETE CURB RAMP
			430	SY	6" CONCRETE DRIVEWAY
			1,990	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	415	SY	GENERIC PAVING ITEM
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			8" REINFORCED CONCRETE PAVEMENT (TRUCK APRON)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	ADJUSTMENT OF CATCH BASINS
4,160	CY	UNCLASSIFIED EXCAVATION	22	EA	ADJUSTMENT OF MANHOLES
350	CY	UNDERCUT EXCAVATION	27	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,390	CY	BORROW EXCAVATION	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE
10	CY	DRAINAGE DITCH EXCAVATION	2	TON	RIP RAP, CLASS B
3,250	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	125	SY	GEOTEXTILE FOR DRAINAGE
350	CY	SELECT GRANULAR MATERIAL	17	SF	CONTRACTOR FURNISHED, TYPE *** (D)
100	TON	GENERIC GRADING ITEM			CONTRACTOR FURNISHED, TYPE *** (E)
		HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL	256	SF	CONTRACTOR FURNISHED, TYPE *** (E)
380	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			SUPPORTS, 3-LB STEEL U-CHANNEL
1,180	SY	FOUNDATION CONDITIONING GEOTEXTILE	750	LF	SIGN ERECTION, TYPE D
168	LF	15" DRAINAGE PIPE	1	EA	SIGN ERECTION, TYPE E
52	LF	18" DRAINAGE PIPE	39	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
12	LF	24" DRAINAGE PIPE	16	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
2	EA	*** DRAINAGE PIPE ELBOWS (15")	10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
504	LF	15" RC PIPE CULVERTS, CLASS III	251	SF	WORK ZONE SIGNS (STATIONARY)
280	LF	18" RC PIPE CULVERTS, CLASS III	192	SF	WORK ZONE SIGNS (PORTABLE)
80	LF	30" RC PIPE CULVERTS, CLASS III	72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
8	LF	***** RC PIPE CULVERTS, CLASS IV (12")	1	EA	FLASHING ARROW BOARD
1,716	LF	15" RC PIPE CULVERTS, CLASS IV	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
580	LF	18" RC PIPE CULVERTS, CLASS IV	155	EA	DRUMS
132	LF	24" RC PIPE CULVERTS, CLASS IV	128	LF	BARRICADES (TYPE III)
402	LF	PIPE REMOVAL	240	HR	FLAGGER
Lump Sum	LS	FINE GRADING	40	HR	LAW ENFORCEMENT
3,000	TON	STABILIZER AGGREGATE	176	EA	SKINNY DRUM
260	TON	AGGREGATE BASE COURSE	9	EA	TUBULAR MARKERS (FIXED)
280	TON	INCIDENTAL STONE BASE	5,960	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
14,200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	11,863	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
340	SY	INCIDENTAL MILLING	545	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
3,470	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1,618	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,840	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	959	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
3,440	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	58	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
500	TON	ASPHALT BINDER FOR PLANT MIX	265	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
47	EA	RIGHT OF WAY MARKERS	10	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
36	CY	FLOWABLE FILL	110	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
56	EA	MASONRY DRAINAGE STRUCTURES	37,378	LF	PAINT PAVEMENT MARKING LINES (4")
18	LF	MASONRY DRAINAGE STRUCTURES	1,100	LF	PAINT PAVEMENT MARKING LINES (6")
15	EA	FRAME WITH TWO GRATES, STD 840.16	6,860	LF	PAINT PAVEMENT MARKING LINES (8")
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	270	LF	PAINT PAVEMENT MARKING LINES (12")
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	1,830	LF	PAINT PAVEMENT MARKING LINES (24")
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	22	EA	PAINT PAVEMENT MARKING CHARACTER
6	EA	FRAME WITH COVER, STD 840.54	214	EA	PAINT PAVEMENT MARKING SYMBOL
10	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	10,260	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
100	LF	***,*** CONCRETE CURB & GUTTER (2'-0")	600	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
290	LF	1'-6" CONCRETE CURB & GUTTER	300	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
5,860	LF	2'-6" CONCRETE CURB & GUTTER	60	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
440	LF	CONCRETE VALLEY GUTTER			
3,820	SY	4" CONCRETE SIDEWALK			

6	EA	7' U-CHANNEL POSTS			
6	EA	OBJECT MARKERS (END OF ROAD)			
704	LF	6" WATER LINE			
1,822	LF	8" WATER LINE			
403	LF	12" WATER LINE			
5	EA	6" VALVE			
3	EA	8" VALVE			
2	EA	12" VALVE			
2	EA	6" TAPPING VALVE			
1	EA	8" TAPPING VALVE			
1	EA	2" BLOW OFF			
8	EA	*** WATER METER (1")			
6	EA	*** WATER METER (5/8")			
6	EA	2" WATER METER			
2	EA	RELOCATE WATER METER			
4	EA	FIRE HYDRANT			
1	EA	RELOCATE FIRE HYDRANT			
7	EA	SANITARY SEWER CLEAN-OUT			
256	LF	ABANDON 8" UTILITY PIPE			
4	EA	REMOVE FIRE HYDRANT			
2	EA	ABANDON UTILITY MANHOLE			
150	LF	16" ENCASEMENT PIPE			
85	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL			
85	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL			
2	EA	GENERIC UTILITY ITEM ADJUST SEWER CLEANOUT			
Lump Sum	LS	GENERIC UTILITY ITEM ABANDON & REMOVE UTILITY VAULT			
7,105	LF	TEMPORARY SILT FENCE			
70	TON	STONE FOR EROSION CONTROL, CLASS A			
100	TON	STONE FOR EROSION CONTROL, CLASS B			
505	TON	SEDIMENT CONTROL STONE			
3.5	ACR	TEMPORARY MULCHING			
300	LB	SEED FOR TEMPORARY SEEDING			
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING			
200	LF	TEMPORARY SLOPE DRAINS			
200	LF	SAFETY FENCE			
180	CY	SILT EXCAVATION			
300	SY	MATTING FOR EROSION CONTROL			
2,335	LF	1/4" HARDWARE CLOTH			
65	LF	*** TEMPORARY PIPE (15")			
590	LF	WATTLE			
30	LF	COIR FIBER BAFFLE			
3	ACR	SEEDING & MULCHING			
3	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
75	LB	SEED FOR SUPPLEMENTAL SEEDING			
2.25	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
25	EA	RESPONSE FOR EROSION CONTROL			
1	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE			
8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
4,150	LF	SIGNAL CABLE			
9	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
400	LF	MESSENGER CABLE (1/4")			
450	LF	MESSENGER CABLE (3/8")			
100	LF	TRACER WIRE			
100	LF	DIRECTIONAL DRILL (***** (1, 2")			
8	EA	JUNCTION BOX (STANDARD SIZE)			
2	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)			
1	EA	GUY ASSEMBLY			
4	EA	1/2" RISER WITH WEATHERHEAD			
1	EA	1" RISER WITH WEATHERHEAD			
5	EA	2" RISER WITH WEATHERHEAD			
1	EA	2" RISER WITH HEAT SHRINK TUBING			
1,525	LF	INDUCTIVE LOOP SAWCUT			
7,100	LF	LEAD-IN CABLE (***** (1, 2")			
570	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
1	EA	SPLICE ENCLOSURE			
1	EA	INTERCONNECT CENTER			
1	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT			
4	EA	METAL STRAIN SIGNAL POLE			
4	EA	SOIL TEST			
24	CY	DRILLED PIER FOUNDATION			
4	EA	TYPE I POST WITH FOUNDATION			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
9	EA	DETECTOR CARD (TYPE 2070L)			
1	EA	CABINET BASE EXTENDER			
1	EA	TRAFFIC SIGNAL REMOVAL			
300	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE			
WALL ITEMS					
883	SF	SEGMENTAL GRAVITY RETAINING WALLS			
1,598	SF	CIP GRAVITY RETAINING WALLS			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 010

CONTRACT ID : C203863 2016CPT.10.57.10131.1 DIV OFFICE ALBEMARLE

LENGTH = 29.360 MI

COUNTY : CABARRUS, MECKLENBURG

MILLING, RESURF, FULL DEPTH RECLAMATION AND SHLD RECONST.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : NOV 01 2017

1 SECTION OF US-601, 1 SECTION OF NC-49, 1 SECTION OF NC-73, AND 43 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS		155,908	LF	GENERIC PAVEMENT MARKING ITEM
Lump Sum	LS			MOBILIZATION
4,236	CY			BORROW EXCAVATION
57,408	SY			GENERIC GRADING ITEM
				SOIL CEMENT BASE (FULL DEPTH RECLAMATION)
2,091	TON			PORTLAND CEMENT FOR SOIL CEMENT BASE
1,126	TON			INCIDENTAL STONE BASE
39.14	SMI			SHOULDER RECONSTRUCTION
133,361	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,000	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (2")
4,418	SY			MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
430	SY			MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
8,717	SY			INCIDENTAL MILLING
14,756	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,230	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
11,398	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C
900	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
14,932	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
400	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
2,722	TON			ASPHALT BINDER FOR PLANT MIX
5,030	TON			PATCHING EXISTING PAVEMENT
16,500	SY			ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
104,537	SY			ASPHALT SURFACE TREATMENT, MAT COAT, #*** STONE (67)
53,344	SY			ASPHALT SURFACE TREATMENT, DOUBLE SEAL
71,705	GAL			EMULSION FOR ASPHALT SURFACE TREATMENT
200	SY			6" CONCRETE DRIVEWAY
5	EA			GENERIC PAVING ITEM
				RETROFIT EXISTING CURB RAMPS
22	EA			ADJUSTMENT OF MANHOLES
9	EA			ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,510	SF			WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS			TEMPORARY TRAFFIC CONTROL
122	HR			LAW ENFORCEMENT
1,320	LF			THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
950	LF			THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
21	EA			THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
72	EA			THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
600	LF			COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
23,264	LF			PAINT PAVEMENT MARKING LINES (4")
600	LF			REMOVAL OF PAVEMENT MARKING LINES (4")
139,443	LF			GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES, 4", 120 MILS (HIGHLY REFLECTIVE ELEMENTS)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 011

CONTRACT ID : C203851 2016CPT.10.58.20902.8 DIV OFFICE ALBEMARLE
 COUNTY : UNION

LENGTH = 18.390 MI

MILLING, RESURFACING, WIDENING, SHLD RECONST AND CONST.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : AUG 30 2017

1 SECTION OF NC-16 AND 26 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,985	CY	BORROW EXCAVATION
40,266	SY	GENERIC GRADING ITEM SOIL CEMENT BASE (FULL DEPTH RECLAMATION)
1,349	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE
1,205	TON	INCIDENTAL STONE BASE
0.18	SMI	SHOULDER CONSTRUCTION
14.68	SMI	SHOULDER RECONSTRUCTION
97,142	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,467	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
333	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
1,151	SY	INCIDENTAL MILLING
160	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,327	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
16,247	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,117	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
9,665	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,149	TON	ASPHALT BINDER FOR PLANT MIX
5,397	TON	PATCHING EXISTING PAVEMENT
37,232	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
20,480	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
3	EA	RETROFIT EXISTING CURB RAMP
775	SY	6" CONCRETE DRIVEWAY
30	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,060.1	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
40	HR	LAW ENFORCEMENT
92,284	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
90,004	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
490	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
328	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,222	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
663	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
46	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
61,698	LF	PAINT PAVEMENT MARKING LINES (4")
293	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARAC- TER
7	EA	PAINT PAVEMENT MARKING SYMBOL
706	EA	PERMANENT RAISED PAVEMENT MARKERS
2,870	LF	TEMPORARY SILT FENCE
387	TON	STONE FOR EROSION CONTROL, CLASS B
189	TON	SEDIMENT CONTROL STONE
2,630	LF	WATTLE
5	LB	POLYACRYLAMIDE (PAM)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 012

CONTRACT ID : C203810 42308.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.037 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, AND CULVERT.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : MAY 15 2017

BRIDGE #327 OVER LITTLE BUFFALO CREEK ON SR-1509 (CLAYBANK ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
Lump Sum	LS	CONSTRUCTION SURVEYING	
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	
100	CY	UNDERCUT EXCAVATION	
Lump Sum	LS	GRADING	
196	CY	DRAINAGE DITCH EXCAVATION	
100	CY	SELECT GRANULAR MATERIAL	
450	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	
220	SF	TEMPORARY SHORING	
20	LF	PIPE REMOVAL	
50	CY	SHALLOW UNDERCUT	
80	TON	CLASS IV SUBGRADE STABILIZA- TION	
50	TON	INCIDENTAL STONE BASE	
290	SY	INCIDENTAL MILLING	
170	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
105	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
25	TON	ASPHALT BINDER FOR PLANT MIX	
56	CY	SUBDRAIN EXCAVATION	
250	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	
42	CY	SUBDRAIN COARSE AGGREGATE	
250	LF	6" PERFORATED SUBDRAIN PIPE	
1	EA	SUBDRAIN PIPE OUTLET	
6	LF	6" OUTLET PIPE	
50	LF	STEEL BM GUARDRAIL	
112.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	
5	EA	ADDITIONAL GUARDRAIL POSTS	
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)	
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
75	TON	RIP RAP, CLASS I	
979	SY	GEOTEXTILE FOR DRAINAGE	
96	SF	WORK ZONE SIGNS (STATIONARY)	
170	SF	WORK ZONE SIGNS (PORTABLE)	
30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
42	EA	DRUMS	
42	EA	CONES	
48	LF	BARRICADES (TYPE III)	
800	HR	FLAGGER	
160	LF	WATER FILLED BARRIER	
42	EA	SKINNY DRUM	
8	EA	TEMPORARY RAISED PAVEMENT MARKERS	
27	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	
53	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
1	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
1,638	LF	PAINT PAVEMENT MARKING LINES (4")	
116	LF	PAINT PAVEMENT MARKING LINES (24")	
2,458	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)	
100	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
9	EA	SNOWPLOWABLE PAVEMENT MARKERS	
900	LF	TEMPORARY SILT FENCE	
150	TON	STONE FOR EROSION CONTROL, CLASS A	
50	TON	STONE FOR EROSION CONTROL, CLASS B	
100	TON	SEDIMENT CONTROL STONE	

0.66	ACR	TEMPORARY MULCHING	
100	LB	SEED FOR TEMPORARY SEEDING	
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	
200	LF	TEMPORARY SLOPE DRAINS	
400	LF	SAFETY FENCE	
60	CY	SILT EXCAVATION	
1,325	SY	MATTING FOR EROSION CONTROL	
75	SY	COIR FIBER MAT	
225	LF	1/4" HARDWARE CLOTH	
60	CY	STILLING BASINS	
2	EA	SPECIAL STILLING BASINS	
50	LF	WATTLE	
15	LB	POLYACRYLAMIDE (PAM)	
115	LF	COIR FIBER BAFFLE	
0.66	ACR	SEEDING & MULCHING	
0.33	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	
475	LF	IMPERVIOUS DIKE	
10	MHR	SPECIALIZED HAND MOWING	
18	EA	RESPONSE FOR EROSION CONTROL	
110	CY	CULVERT DIVERSION CHANNEL	
0.1	ACR	REFORESTATION	
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE	

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+66.00 -L-)	
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (10+66.00 -L-)	
88	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT	
136	CY	CLASS A CONCRETE (CULVERT)	
14,205	LB	REINFORCING STEEL (CULVERT)	
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT	

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 013

CONTRACT ID : C203857 2016CPT.12.04.10021 DIV OFFICE SHELBY
 COUNTY : ALEXANDER

LENGTH = 15.060 MI

WIDENING, MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : AUG 26 2017

NC-16 FROM PAVEMENT JOINT TO WILKES COUNTY LINE AND 10 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
8,300	SY	GENERIC GRADING ITEM SOIL CEMENT BASE (FULL DEPTH RECLAMATION)
900	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
335	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE
700	TON	INCIDENTAL STONE BASE
11	SMI	SHOULDER RECONSTRUCTION
950	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
1,900	SY	INCIDENTAL MILLING
3,950	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
22,591	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,971	TON	ASPHALT BINDER FOR PLANT MIX
1,555	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF CATCH BASINS
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,234	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
100	HR	LAW ENFORCEMENT
185	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
375	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
7	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
399,021	LF	PAINT PAVEMENT MARKING LINES (4")
118,200	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
500	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 014

CONTRACT ID : C203859 2016CPT.12.06.10231 DIV OFFICE SHELBY
 COUNTY : CLEVELAND

LENGTH = 16.380 MI

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : NOV 01 2017

US-74 FROM SR-2244 (HARMON ROAD) TO 528 FEET WEST OF GROVE STREET AND 5 SECTIONS OF
 SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
6,878	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
675	TON	INCIDENTAL STONE BASE
39.04	SMI	SHOULDER RECONSTRUCTION
24,855	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
5,807	SY	INCIDENTAL MILLING
317	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
12,989	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,272	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
20,534	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,881	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
2,210	TON	ASPHALT BINDER FOR PLANT MIX
7,835	TON	PATCHING EXISTING PAVEMENT
12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
5	EA	RETROFIT EXISTING CURB RAMP
9	EA	ADJUSTMENT OF DROP INLETS
19	EA	ADJUSTMENT OF MANHOLES
20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
12	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN
2,108	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
16	HR	LAW ENFORCEMENT
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
685	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
182	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
353,742	LF	PAINT PAVEMENT MARKING LINES (4")
30,400	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
141,556	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
3,150	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
935	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L160517 015

CONTRACT ID : C203860 2016CPT.12.08.10491 DIV OFFICE SHELBY
 COUNTY : IREDELL

LENGTH = 70.180 MI

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : NOV 15 2017

1 SECTION OF I-40, US-70, NC-3, AND NC-152, 2 SECTIONS OF US-21 AND NC-115, AND 45 SECTIONS OF
 SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	900	LF	LEAD-IN CABLE (***** (14-2)
14,230	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW			
10	TON	AGGREGATE BASE COURSE			
7,604	TON	INCIDENTAL STONE BASE			
112.24	SMI	SHOULDER RECONSTRUCTION			
111,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
58,750	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
8,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
3,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")			
4,150	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")			
8,205	SY	INCIDENTAL MILLING			
4,985	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
325	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
84,375	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
3,223	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
5,250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D			
5,865	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
750	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)			
5,949	TON	ASPHALT BINDER FOR PLANT MIX			
299	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX			
16,823	TON	PATCHING EXISTING PAVEMENT			
1	EA	ADJUSTMENT OF CATCH BASINS			
21	EA	ADJUSTMENT OF DROP INLETS			
125	EA	ADJUSTMENT OF MANHOLES			
110	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
200	SF	WORK ZONE SIGNS (PORTABLE)			
8,706	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
100	HR	LAW ENFORCEMENT			
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 240 MILS)			
3,510	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
1,070	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
5,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
113	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
265	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
1,452,250	LF	PAINT PAVEMENT MARKING LINES (4")			
617,000	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)			
38,200	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)			
4,440	EA	SNOWPLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
5,725	LF	INDUCTIVE LOOP SAWCUT			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160517 016

CONTRACT ID : C202434 38908.3.FS2

DIV OFFICE SYLVA

LENGTH = 4.040 MI

COUNTY : CLAY

GRADING, DRAINAGE, & PAVING.

DBE GOAL 5.0% COMPLETION DATE : MAR 30 2019

US-64 FROM 1.5 MILES EAST OF CHUNKY GAL GAP WEST END OF SR-1349 TO 1.8 MILES EAST OF EAST END OF SR-1349.

ROADWAY ITEMS				
			0.353	CY PIPE COLLARS
			148	CY FLOWABLE FILL
			60	EA MASONRY DRAINAGE STRUCTURES
			9.883	CY MASONRY DRAINAGE STRUCTURES
			17.8	LF MASONRY DRAINAGE STRUCTURES
			2	EA FRAME WITH GRATE, STD 840.22
			24	EA FRAME WITH TWO GRATES, STD 840.16
			38	EA FRAME WITH TWO GRATES, STD 840.22
			1	EA CONVERT EXISTING DROP INLET TO JUNCTION BOX
			4,700	LF STEEL BM GUARDRAIL
			100	LF STEEL BM GUARDRAIL, SHOP CURVED
			15	EA ADDITIONAL GUARDRAIL POSTS
			3	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1
			12	EA GUARDRAIL ANCHOR UNITS, TYPE 350
			5,230	LF REMOVE EXISTING GUARDRAIL
			25	TON RIP RAP, CLASS I
			175	TON RIP RAP, CLASS II
			20	TON RIP RAP, CLASS B
			1,650	SY GEOTEXTILE FOR DRAINAGE
			1,730	LF SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA SIGN ERECTION, TYPE D
			121	EA SIGN ERECTION, TYPE E
			3	EA SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (E)
			15	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			3	EA DISPOSAL OF SUPPORT, U-CHANNEL
			48	SF WORK ZONE SIGNS (STATIONARY)
			416	SF WORK ZONE SIGNS (PORTABLE)
			60	DAY PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
			432	EA DRUMS
			7,200	HR FLAGGER
			594	EA TEMPORARY RAISED PAVEMENT MARKERS
			44	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			5	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			190,080	LF PAINT PAVEMENT MARKING LINES (4")
			90,489	LF POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
			95,040	LF REMOVAL OF PAVEMENT MARKING LINES (4")
			542	EA SNOWFLOWABLE PAVEMENT MARKERS
			8	EA FLEXIBLE DELINEATORS (CRYSTAL)
			20,600	LF TEMPORARY SILT FENCE
			1,855	TON STONE FOR EROSION CONTROL, CLASS A
			4,845	TON STONE FOR EROSION CONTROL, CLASS B
			3,030	TON SEDIMENT CONTROL STONE
			27.5	ACR TEMPORARY MULCHING
			1,500	LB SEED FOR TEMPORARY SEEDING
			7.5	TON FERTILIZER FOR TEMPORARY SEEDING
			300	LF TEMPORARY SLOPE DRAINS
			200	LF SAFETY FENCE
			4,850	CY SILT EXCAVATION
			50,000	SY MATTING FOR EROSION CONTROL
			15,150	SY PERMANENT SOIL REINFORCEMENT MAT
			2,810	LF 1/4" HARDWARE CLOTH
			6,780	LF COIR FIBER WATTLE
			2,830	LB POLYACRYLAMIDE (PAM)
			24	ACR SEEDING & MULCHING
			13	ACR MOWING
			300	LB SEED FOR REPAIR SEEDING
			1	TON FERTILIZER FOR REPAIR SEEDING
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	CONSTRUCTION SURVEYING		
Lump Sum	LS	GRADING		
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		
1,000	CY	UNDERCUT EXCAVATION		
20	CY	DRAINAGE DITCH EXCAVATION		
1,000	SY	GEOTEXTILE FOR SOIL STABILIZATION		
1,180	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		
3,700	SY	FOUNDATION CONDITIONING GEOTEXTILE		
852	LF	*** SIDE DRAIN PIPE (30")		
876	LF	*** SIDE DRAIN PIPE (36")		
864	LF	*** SIDE DRAIN PIPE (42")		
132	LF	*** SIDE DRAIN PIPE (48")		
3,100	LF	15" SIDE DRAIN PIPE		
1,364	LF	18" SIDE DRAIN PIPE		
2,628	LF	24" SIDE DRAIN PIPE		
2	EA	*** SIDE DRAIN PIPE ELBOWS (15")		
2	EA	*** SIDE DRAIN PIPE ELBOWS (24")		
8	EA	*** SIDE DRAIN PIPE ELBOWS (30")		
6	EA	*** SIDE DRAIN PIPE ELBOWS (36")		
92	LF	***** RC PIPE CULVERTS, CLASS IV (54")		
80	LF	15" RC PIPE CULVERTS, CLASS IV		
116	LF	18" RC PIPE CULVERTS, CLASS IV		
468	LF	24" RC PIPE CULVERTS, CLASS IV		
224	LF	30" RC PIPE CULVERTS, CLASS IV		
80	LF	42" RC PIPE CULVERTS, CLASS IV		
92	LF	*** CS PIPE CULVERTS, ***** THICK (54", 0.109")		
128	LF	30" CS PIPE CULVERTS, 0.079" THICK		
2	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")		
2	EA	*** CS PIPE ELBOWS, ***** THICK (54", 0.109")		
752	LF	PIPE REMOVAL		
1,000	CY	SHALLOW UNDERCUT		
1,900	TON	CLASS IV SUBGRADE STABILIZATION		
28,900	TON	AGGREGATE BASE COURSE		
300	TON	INCIDENTAL STONE BASE		
19,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		
4,110	SY	INCIDENTAL MILLING		
8,860	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
10,910	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
1,080	TON	ASPHALT BINDER FOR PLANT MIX		
95	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
34,150	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)		
112	CY	SUBDRAIN EXCAVATION		
84	CY	SUBDRAIN FINE AGGREGATE		
500	LF	6" PERFORATED SUBDRAIN PIPE		
1	EA	SUBDRAIN PIPE OUTLET		
6	LF	6" OUTLET PIPE		
2.8	CY	ENDWALLS		

550	LB	SEED FOR SUPPLEMENTAL SEEDING
16.5	TON	FERTILIZER TOPDRESSING
20	MHR	SPECIALIZED HAND MOWING
75	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
10	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160517 017

CONTRACT ID : C203856 44671.3.1

DIV OFFICE SYLVA

LENGTH = 18.360 MI

COUNTY : GRAHAM

PAVEMENT REHABILITATION.

DBE GOAL 3.0% COMPLETION DATE : OCT 01 2017

NC-143 FROM TENNESSEE STATE LINE TO SR-1159 AT SANTEELAH GAP.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
7,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
1,465	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
2,145	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
2,262	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
196,880	LF	PAINT PAVEMENT MARKING LINES (4")
388,000	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (4", 50MIL)
1,860	EA	SNOWPLOWABLE PAVEMENT MARKERS

***** BEGIN SCHEDULE AA *****
***** (2 ALTERNATES) *****

36.72	SMI	SHOULDER RECONSTRUCTION
19,635	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,515	TON	ASPHALT BINDER FOR PLANT MIX *** OR ***
6	SMI	SHOULDER RECONSTRUCTION
221	TON	ASPHALT BINDER FOR PLANT MIX
828	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
15,924	TON	GENERIC PAVING ITEM ULTRA-THIN BONDED WEARING COURSE

*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160517 018

CONTRACT ID : C203761 52034.3.1

DIV OFFICE SYLVA

LENGTH = 6.719 MI

COUNTY : HAYWOOD

PAVEMENT & BRIDGE REHABILITATION, AND GUARDRAIL.

DBE GOAL 2.0% COMPLETION DATE : OCT 01 2018

I-40 FROM 0.4 MI EAST OF SR-1366 (ORCHARD COVE RD) TO 0.2 MI EAST OF SR-1513 (HYDER MOUNTAIN RD).

ROADWAY ITEMS					
			20,172	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (4", 50 MIL)
Lump Sum	LS	MOBILIZATION			
4,326	CY	BORROW EXCAVATION	157,040	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (6", 50 MIL)
29.82	SMI	SHOULDER RECONSTRUCTION			
1,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	1,004	EA	SNOWPLOWABLE PAVEMENT MARKERS
			Lump Sum	LS	PORTABLE LIGHTING
247,798	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
3,300	SY	INCIDENTAL MILLING			
46,163	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D	65,188	SF	GROOVING BRIDGE FLOORS
7,006	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	27.6	CY	CLASS AA CONCRETE (BRIDGE)
13,174	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	2,036	LB	REINFORCING STEEL (BRIDGE)
2,499	TON	ASPHALT BINDER FOR PLANT MIX	Lump Sum	LS	POLLUTION CONTROL
1,280	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX	57.3	SY	CLASS II, SURFACE PREPARATION
8,670	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	11.1	SY	CLASS III, SURFACE PREPARATION
137,280	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	440.8	CY	LATEX MODIFIED CONC OVERLAY
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	7,856	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
25	LF	2'-6" CONCRETE CURB & GUTTER	151	CF	CONCRETE REPAIRS
1	EA	GENERIC DRAINAGE ITEM REPAIR OF DRAINAGE STRUCTURE	1,535.3	CF	SHOTCRETE REPAIRS
102,100	LF	STEEL BM GUARDRAIL	445.2	LF	EPOXY RESIN INJECTION
20	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	FOAM JOINT SEALS
42	EA	GUARDRAIL ANCHOR UNITS, TYPE III	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #183
68	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #209
106,144	LF	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #222
1,518	SF	WORK ZONE SIGNS (STATIONARY)	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #223
1,010	SF	WORK ZONE SIGNS (PORTABLE)	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #224
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #228
6	EA	FLASHING ARROW BOARD	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #230
8	EA	PORTABLE CHANGEABLE MESSAGE SIGN	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #231
300	EA	DRUMS	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #232
160	EA	CONES	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #233
16	LF	BARRICADES (TYPE III)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #183
32	HR	FLAGGER	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #209
8	EA	TEMPORARY CRASH CUSHIONS	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #222
2	EA	TMA	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #223
4,380	LF	PORTABLE CONCRETE BARRIER	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #224
400	HR	LAW ENFORCEMENT	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #228
160	EA	SKINNY DRUM	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #230
11	EA	GENERIC TRAFFIC CONTROL ITEM PORTABLE TRAFFIC SIGNAL SYSTEM	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #231
2	EA	GENERIC TRAFFIC CONTROL ITEM WARNING FLAG	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #232
105	EA	TEMPORARY RAISED PAVEMENT MARKERS	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #233
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #223
420	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #224
11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #228
1,784	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #230
35,796	LF	PAINT PAVEMENT MARKING LINES (4")	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #231
348,458	LF	PAINT PAVEMENT MARKING LINES (6")	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #232
312	LF	PAINT PAVEMENT MARKING LINES (24")	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #233
11,261	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #223
300	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			

STRUCTURE ITEMS

214.8	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE
96	LB	GENERIC STRUCTURE ITEM BEAM REPAIR
576	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
2,026	SF	GENERIC STRUCTURE ITEM EPOXY COATING
7,856	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
7,856	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
6	EA	GENERIC STRUCTURE ITEM ANCHOR BOLT REPAIR
13	EA	GENERIC STRUCTURE ITEM BRIDGE JACKING
4	EA	GENERIC STRUCTURE ITEM STEEL KEEPER ANGLE ASSEMBLY

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L160621 001

CONTRACT ID : C203751 42263.3.1

DIV OFFICE DURHAM

LENGTH = 0.820 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURES.

DBE GOAL 12.0% COMPLETION DATE : MAR 29 2020

BRIDGE #227 ON US-70/US-401/NC-50 OVER PEACE STREET AND BRIDGE #213 ON US-70/NC-50 OVER US-401.

ROADWAY ITEMS					
			2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
Lump Sum	LS	MOBILIZATION	48	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM UTILITY COORDINATOR	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	48	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")
44,700	CY	UNCLASSIFIED EXCAVATION	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")
3,198	CY	UNDERCUT EXCAVATION			
32,000	CY	BORROW EXCAVATION	208	LF	GENERIC PIPE ITEM 16" DUCTILE IRON PIPE, CLASS 250, SEALED
240	CY	DRAINAGE DITCH EXCAVATION			
260	LF	BERM DITCH CONSTRUCTION	52	LF	GENERIC PIPE ITEM 18" DUCTILE IRON PIPE, CLASS 250, SEALED
13,900	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	248	LF	GENERIC PIPE ITEM 24" DUCTILE IRON PIPE, CLASS 200, SEALED
36,900	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	176	LF	GENERIC PIPE ITEM 36" DUCTILE IRON PIPE, CLASS 150, SEALED
3,100	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	16	EA	GENERIC PIPE ITEM BOOTS FOR SEALED DRAINAGE STRUCTURES
10	HR	PROOF ROLLING			
4,400	CY	SELECT GRANULAR MATERIAL	3,128	LF	PIPE REMOVAL
25,300	SY	GEOTEXTILE FOR SOIL STABILIZATION	57	SY	6" SLOPE PROTECTION
8,717	SF	TEMPORARY SHORING	Lump Sum	LS	FINE GRADING
380	SY	ROCK PLATING	6,818	CY	SHALLOW UNDERCUT
500	TON	GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL	13,800	TON	CLASS IV SUBGRADE STABILIZATION
70	TON	SELECT MATERIAL, CLASS ***** (IV)	500	TON	STABILIZER AGGREGATE
2,550	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	5,961	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
8,350	SY	FOUNDATION CONDITIONING GEOTEXTILE	430	TON	AGGREGATE BASE COURSE
76	LF	*** SIDE DRAIN PIPE (42")	500	TON	INCIDENTAL STONE BASE
48	LF	*** SIDE DRAIN PIPE (60")	2,250	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
12	LF	*** SIDE DRAIN PIPE (8")	1,170	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
712	LF	15" SIDE DRAIN PIPE	2,580	SY	INCIDENTAL MILLING
76	LF	18" SIDE DRAIN PIPE	5,380	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
56	LF	24" SIDE DRAIN PIPE	12,660	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
2	EA	*** SIDE DRAIN PIPE ELBOWS (15")	3,910	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
596	LF	***** RC PIPE CULVERTS, CLASS ***** (15", V)	8,760	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
800	LF	***** RC PIPE CULVERTS, CLASS ***** (18", V)	5,310	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
176	LF	***** RC PIPE CULVERTS, CLASS ***** (24", V)	6,510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
724	LF	***** RC PIPE CULVERTS, CLASS IV (48")	2,105	TON	ASPHALT BINDER FOR PLANT MIX
128	LF	***** RC PIPE CULVERTS, CLASS IV (54")	6,620	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
412	LF	***** RC PIPE CULVERTS, CLASS IV (60")	87	EA	RIGHT OF WAY MARKERS
4,040	LF	15" RC PIPE CULVERTS, CLASS IV	0.553	CY	PIPE COLLARS
2,800	LF	18" RC PIPE CULVERTS, CLASS IV	0.065	CY	PIPE PLUGS
948	LF	24" RC PIPE CULVERTS, CLASS IV	688	CY	FLOWABLE FILL
252	LF	36" RC PIPE CULVERTS, CLASS IV	183	EA	MASONRY DRAINAGE STRUCTURES
396	LF	42" RC PIPE CULVERTS, CLASS IV	58.845	CY	MASONRY DRAINAGE STRUCTURES
8	LF	*** PVC PIPE CULVERTS (8")	85.8	LF	MASONRY DRAINAGE STRUCTURES
60	LF	15" CS PIPE CULVERTS, 0.064" THICK	14	EA	FRAME WITH TWO GRATES, STD 840.16
60	LF	18" CS PIPE CULVERTS, 0.064" THICK	2	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	30	EA	FRAME WITH TWO GRATES, STD 840.29
			17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			66	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)

			1	CY	PLAIN CONCRETE SIGN FOUNDATIONS
			37	CY	OVERHEAD FOOTING
		1,496	LB	SUPPORTS, BREAKAWAY STEEL BEAM	
54	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	1,957	LB	SUPPORTS, SIMPLE STEEL BEAM
			1,373	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
17	EA	FRAME WITH COVER, STD 840.54	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (30+74 NBL)
168	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (40+28 NBL)
10	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (50+00 NBL)
8	EA	GENERIC DRAINAGE ITEM MASONRY DRAINAGE STRUCTURES (SEALED)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (50+00 NBL)
3.2	LF	GENERIC DRAINAGE ITEM MASONRY DRAINAGE STRUCTURES (SEALED)	4	EA	SIGN ERECTION, TYPE D
			60	EA	SIGN ERECTION, TYPE E
470	LF	***X *** CONCRETE CURB (8" X 12")	8	EA	SIGN ERECTION, TYPE F
			5	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
1,420	LF	***X *** CONCRETE CURB (8" X 18")	11	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
18,310	LF	2'-6" CONCRETE CURB & GUTTER	1	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
11,510	SY	4" CONCRETE SIDEWALK	2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
71	EA	CONCRETE CURB RAMP	58	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,120	SY	6" CONCRETE DRIVEWAY	1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
95	SY	4" CONCRETE PAVED DITCH	3,930	SF	WORK ZONE SIGNS (STATIONARY)
1,430	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	3,342	SF	WORK ZONE SIGNS (PORTABLE)
			374	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
631	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	6	EA	FLASHING ARROW BOARD
8,100	LF	GENERIC PAVING ITEM 2'-6" CONCRETE CURB & GUTTER (SPECIAL)	14	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			635	EA	DRUMS
5	EA	ADJUSTMENT OF CATCH BASINS	93	EA	CONES
8	EA	ADJUSTMENT OF MANHOLES	656	LF	BARRICADES (TYPE III)
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	7,680	HR	FLAGGER
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE	6	EA	TEMPORARY CRASH CUSHIONS
1	EA	CONVERT EXISTING JUNCTION BOX TO CATCH BASIN	4	EA	RESET TEMPORARY CRASH CUSHION
2	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING JUNCTION BOX TO SLAB TOP JUNCTION BOX	6	EA	TMA
6	EA	IMPACT ATTENUATOR UNIT, TYPE 350	4,550	LF	PORTABLE CONCRETE BARRIER
2,675	LF	STEEL BM GUARDRAIL	135	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
25	LF	STEEL BM GUARDRAIL, SHOP CURVED	2,260	LF	RESET PORTABLE CONCRETE BARRIER
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	4,377	LF	WATER FILLED BARRIER
15	EA	ADDITIONAL GUARDRAIL POSTS	33,884	LF	RESET WATER FILLED BARRIER
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	990	HR	LAW ENFORCEMENT
10	EA	GUARDRAIL ANCHOR UNITS, TYPE III	229	EA	SKINNY DRUM
11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	46	EA	TUBULAR MARKERS (FIXED)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1,580	LF	TEMPORARY GLARE SCREEN
1,027	LF	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY
275	LF	TEMPORARY STEEL BM GUARDRAIL	2,082	EA	TEMPORARY RAISED PAVEMENT MARKERS
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (AT-1)	29	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)	11,992	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	2,303	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
5,120	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (60")	880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
590	LF	GENERIC FENCING ITEM CHAIN LINK FENCE WITH BARBED WIRE, 96" FABRIC, VINYL COATED	4,485	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
50	LF	GENERIC FENCING ITEM STEEL PIPE HANDRAIL (CULVERT MOUNTED)	20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
427	EA	GENERIC FENCING ITEM METAL LINE POST, 60" CHAIN LINK FENCE, VINYL COATED	90	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
50	EA	GENERIC FENCING ITEM METAL LINE POST, 96" CHAIN LINK FENCE, VINYL COATED	709	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
36	EA	GENERIC FENCING ITEM METAL TERMINAL POST, 60" CHAIN LINK FENCE, VINYL COATED	1,250	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
6	EA	GENERIC FENCING ITEM METAL TERMINAL POST, 96" CHAIN LINK FENCE, VINYL COATED	8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (IV)
350	TON	RIP RAP, CLASS II	4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
110	TON	RIP RAP, CLASS B	162,912	LF	PAINT PAVEMENT MARKING LINES (4")
1,785	SY	GEOTEXTILE FOR DRAINAGE	19,280	LF	PAINT PAVEMENT MARKING LINES (8")
4	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	5,930	LF	PAINT PAVEMENT MARKING LINES (24")
			116	EA	PAINT PAVEMENT MARKING CHARACTER

			375	LB	SEED FOR SUPPLEMENTAL SEEDING
			11.25	TON	FERTILIZER TOPDRESSING
			55	LF	IMPERVIOUS DIKE
			40	MHR	SPECIALIZED HAND MOWING
274	EA	PAINT PAVEMENT MARKING SYMBOL	50	EA	RESPONSE FOR EROSION CONTROL
35,060	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	8	EA	GENERIC EROSION CONTROL ITEM
3,170	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			CONCRETE WASHOUT STRUCTURE
50	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	20	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
65	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	6,625	LF	SIGNAL CABLE
15	EA	PERMANENT RAISED PAVEMENT MARKERS	4	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)
294	EA	SNOWPLOWABLE PAVEMENT MARKERS	23	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
Lump Sum	LS	PORTABLE LIGHTING	1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
10,000	LF	GENERIC LIGHTING ITEM STREET LIGHTING CONDUIT INSTALLATION (2" PVC)	3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2,333	LF	8" WATER LINE	500	LF	MESSENGER CABLE (1/4")
6,108	LF	12" WATER LINE	1,800	LF	TRACER WIRE
16	EA	8" VALVE	25	LF	PAVED TRENCHING (***** (1, 2"))
21	EA	12" VALVE	800	LF	UNPAVED TRENCHING (***** (1, 2"))
4	EA	*** BLOW OFF (12")	225	LF	UNPAVED TRENCHING (***** (2, 2"))
3	EA	8" BLOW OFF	350	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
42	EA	RELOCATE WATER METER	675	LF	DIRECTIONAL DRILL (***** (1, 2"))
2	EA	RECONNECT WATER METER	1,725	LF	DIRECTIONAL DRILL (***** (2, 2"))
4	EA	FIRE HYDRANT	50	LF	DIRECTIONAL DRILL (***** (3, 2"))
10	EA	RELOCATE FIRE HYDRANT	31	EA	JUNCTION BOX (STANDARD SIZE)
2,010	LF	*** SANITARY GRAVITY SEWER (36")	8	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
3,042	LF	8" SANITARY GRAVITY SEWER	2	EA	WOOD POLE
2,051	LF	12" SANITARY GRAVITY SEWER	5	EA	GUY ASSEMBLY
24	LF	18" SANITARY GRAVITY SEWER	1	EA	HEAT SHRINK TUBING RETROFIT KIT
47	EA	SANITARY SEWER CLEAN-OUT	4	EA	2" RISER WITH HEAT SHRINK TUBING
24	EA	4' DIA UTILITY MANHOLE	4,025	LF	INDUCTIVE LOOP SAWCUT
2	EA	5' DIA UTILITY MANHOLE	5,425	LF	LEAD-IN CABLE (***** (14-2))
13	EA	6' DIA UTILITY MANHOLE	1,200	LF	COMMUNICATIONS CABLE (**FIBER) (12)
3	EA	8' DIA UTILITY MANHOLE	2,100	LF	COMMUNICATIONS CABLE (**FIBER) (48)
51	LF	UTILITY MANHOLE WALL, 4' DIA	3	EA	SPLICE ENCLOSURE
17	LF	UTILITY MANHOLE WALL, 5' DIA	3	EA	MODIFY SPLICE ENCLOSURE
98	LF	UTILITY MANHOLE WALL, 6' DIA	3	EA	INTERCONNECT CENTER
24	LF	UTILITY MANHOLE WALL, 8' DIA	5	EA	DELINEATOR MARKER
336	LF	ABANDON 6" UTILITY PIPE	1,400	LF	REMOVE EXISTING COMMUNICATIONS CABLE
3,976	LF	ABANDON 8" UTILITY PIPE	1	EA	CABLE TRANSFER
6,150	LF	ABANDON 12" UTILITY PIPE	5	EA	METAL POLE WITH SINGLE MAST ARM
1,411	LF	ABANDON 24" UTILITY PIPE	3	EA	METAL POLE WITH DUAL MAST ARM
14	EA	ABANDON UTILITY MANHOLE	8	EA	SOIL TEST
3	EA	REMOVE UTILITY MANHOLE	48	CY	DRILLED PIER FOUNDATION
586	LF	16" ENCASEMENT PIPE	8	EA	MAST ARM WITH METAL POLE DESIGN
740	LF	24" ENCASEMENT PIPE	12	EA	SIGN FOR SIGNALS
278	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL	1	EA	TYPE I POST WITH FOUNDATION
278	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL	14	EA	TYPE II PEDESTAL WITH FOUNDATION
355	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL	2	EA	TYPE III PEDESTAL WITH FOUNDATION
355	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL	4	EA	RELOCATE EXISTING SIGN
5	EA	GENERIC UTILITY ITEM 12" INSERTION VALVE ASSEMBLY	3	EA	SIGNAL CABINET FOUNDATION
1	EA	GENERIC UTILITY ITEM 2" AIR RELEASE VALVE	3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
25,000	LF	TEMPORARY SILT FENCE	14	EA	DETECTOR CARD (TYPE 2070L)
400	TON	STONE FOR EROSION CONTROL, CLASS A	3	EA	CABINET BASE EXTENDER
70	TON	STONE FOR EROSION CONTROL, CLASS B	3	EA	METAL POLE FOUNDATION REMOVAL
2,300	TON	SEDIMENT CONTROL STONE	3	EA	METAL POLE REMOVAL
24	ACR	TEMPORARY MULCHING	2	EA	GENERIC SIGNAL ITEM 900MHZ SPREAD SPECTRUM ETHERNET RADIO
1,200	LB	SEED FOR TEMPORARY SEEDING	3	EA	GENERIC SIGNAL ITEM ETHRNET EDGE SWITCH
7	TON	FERTILIZER FOR TEMPORARY SEEDING	1	EA	GENERIC SIGNAL ITEM RELOCATE FLASHER CABINET/SOLAR ASSEMBLY/RADIO ASSEMBLY
200	LF	TEMPORARY SLOPE DRAINS			
200	LF	SAFETY FENCE			
1,290	CY	SILT EXCAVATION			
15,000	SY	MATting FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
10,000	LF	1/4" HARDWARE CLOTH			
400	LF	*** TEMPORARY PIPE (24")			
4	EA	SPECIAL STILLING BASINS			
10	LB	POLYACRYLAMIDE (PAM)			
225	LF	COIR FIBER BAFFLE			
1	EA	*** SKIMMER (2")			
18	ACR	SEEDING & MULCHING			
15	ACR	MOWING			
250	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+13.11-Y1-)	1,090	SF	GENERIC STRUCTURE ITEM PRECAST CONCRETE PANELS
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+13.11-Y1-)			
258	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT			
331.2	CY	CLASS A CONCRETE (CULVERT)			
49,189	LB	REINFORCING STEEL (CULVERT)			

WALL ITEMS

4,230	SF	MSE RETAINING WALL NO **** (2)			
4,150	SF	MSE RETAINING WALL NO **** (3)			
3,305	SF	MSE RETAINING WALL NO **** (4)			
2,535	SF	MSE RETAINING WALL NO **** (5)			
		***** BEGIN SCHEDULE IA ***** ***** (2 ALTERNATES) *****			
3,910	SF	MSE RETAINING WALL NO **** (1)			
		*** OR ***			
3,595	SF	SOLDIER PILE RETAINING WALLS			

*** END SCHEDULE IA ***

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+19.94 -FLYOVER-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+06.91-L-)			
191	LF	PILE EXCAVATION IN SOIL			
76	LF	PILE EXCAVATION NOT IN SOIL			
112	LF	3'-6" DIA DRILLED PIERS IN SOIL			
70	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL			
2	EA	PDA TESTING			
2	EA	SID INSPECTIONS			
2	EA	CSL TESTING			
14,212	SF	REINFORCED CONCRETE DECK SLAB			
16,350	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)			
32,401.79	SF	GROOVING BRIDGE FLOORS			
441.5	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+19.94-FLYOVER-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+06.91-L-)			
81,284	LB	REINFORCING STEEL (BRIDGE)			
6,389	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
1,840.71	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS			
644,500	LS	APPROX LBS STRUCTURAL STEEL			
1,385	LF	HP12X53 STEEL PILES			
50	EA	STEEL PILE POINTS			
182.71	LF	1'-***X ***** CONCRETE PARA- PET (1'-4" X 3'-6")			
775.24	LF	GENERIC STRUCTURE ITEM DECORATIVE CONCRETE PARAPET			
206.6	SY	4" SLOPE PROTECTION			
Lump Sum	LS	DISC BEARINGS			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	EXPANSION JOINT SEALS			
Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING			
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT			
368.1	LF	GENERIC STRUCTURE ITEM CONC PARAPET WITH MOMENT SLAB			

