



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

February 20, 2018

NOTICE TO: All Prequalified Contractors

FROM: Ronald E Davenport, PE  
State Contract Officer

DocuSigned by:  
*Ronald E. Davenport, Jr.*  
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SUBJECT: Combined Contract Goal for MBE/WBE Participation on State-Funded Projects

Effective April 1, 2018, all state funded contracts will be advertised with one combined goal that is comprised of both the MBE and WBE participation anticipated for the project. The **Combined MBE/WBE Goal** may be met with all MBE or WBE participation, or any combination of MBE and WBE participation.

When entering this information in Expedite Bid, users will not see the words "Combined MBE/WBE" in which to enter their participation value, but will enter the value under "DBE".

For assistance in participation entry in Expedite, please contact Ms. Jaci Kincaid at 919-707-6920 or jakincaid@ncdot.gov.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION UNIT  
1543 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1543

*Telephone:* (919) 707-2400  
*Fax:* (919) 733-8441  
*Customer Service:* 1-877-368-4968

*Website:* www.ncdot.gov

*Location:*  
TRANSPORTATION BUILDING  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
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December 7, 2017

To Whom It May Concern:

In an effort to maximize transparency and competition on Department projects, starting January 1, 2018, NCDOT will make all requests for plans or proposals for purposes of bidding public. NCDOT will no longer give the option of the name being withheld from the Planholder's list. This change is reflected in the Section 102-3 of the 2018 Standard Specifications for Roads and Structures that will be effective January 1, 2018.

Sincerely,

A handwritten signature in black ink, appearing to read "R. E. Davenport".

Ronald E. Davenport, PE  
State Contract Officer

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT  
1591 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1591

*Telephone:* (919) 707-6900  
*Fax:* (919) 250-4127  
*Customer Service:* 1-877-368-4968

*Location:*  
1020 BIRCH RIDGE DR.  
RALEIGH, NC 27610

*Website:* [www.ncdot.gov](http://www.ncdot.gov)



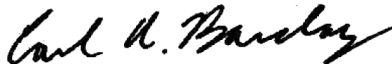
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

November 15, 2017

NOTICE TO: All Prequalified Contractors

FROM: Carl Barclay, PE   
State Utilities Manager

SUBJECT: Design and Certification of Trenchless Installations (all methods)

Through the AGC/NCDOT Roadway Subcommittee, it has been determined there is little consistency with the enforcement of this requirement. This has resulted in some Contractors not accounting for this expense in their bid. In an effort to improve consistency and fairness among bidders, the Department will enforce this longstanding requirement of the North Carolina Board of Examiners for Engineers and Land Surveyors and NC GS Chapter 89C.

Effective with the January 2018 letting, there will be a renewed effort of enforcement of Articles 1550-1 and 1550-3(B) of the *Standard Specifications for Roads and Structures*, Section 1550-1 requires:

An engineer licensed by the State of North Carolina shall design the method and certify the work will not damage the roadway above or endanger the roadway user.

Article 1550-3(B) requires:

Before construction, provide detailed plans for the method of installation certified by an engineer licensed by the State of North Carolina. Provide certified calculations demonstrating the method of installation as safe and of minimal risk. Provide certified calculations of the structural adequacy of all materials. The design shall meet AASHTO LRFD Bridge Design Specifications. An engineer licensed by the State of North Carolina shall certify changes or modifications to the designed method as needed for actual field conditions.

If you have any questions, please do not hesitate to contact me at [cbarclay@ncdot.gov](mailto:cbarclay@ncdot.gov) or (919) 707-6982.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
UTILITIES UNIT  
1555 MAIL SERVICE CENTER  
RALEIGH NC 27699-1555

TELEPHONE: 919-707-6690  
FAX: 919-250-4151  
CUSTOMER SERVICE: 1-877-368-4968  
  
WEBSITE: [WWW.NCDOT.GOV](http://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 AUGUST 21, 2018. 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, DEBARMENT AND GIFT BAN CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. CERTIFICATION FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE  
<https://connect.ncdot.gov/letting/Pages/Central-Letting-Forms.aspx>.

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. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTORS LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. 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 MANAGEMENT SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES MANAGEMENT SECTION AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY ENSURE 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, 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C., 27610. 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 JULY 24, 2018.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 08 Nov 2017)

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

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

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

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

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	R. Preston Hunter, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Ronald L Keeter, Jr., 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	J. Scott Cole, 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	Brian C Burch, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L180821

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C204107	39049.3.1	CUMBERLAND	6.231 MI	GRADING, DRAINAGE, PAVING, SIGNALS, WALLS, AND STRUCTURES.
003	C204229	2019CPT.03.03.10821 ETC.	SAMPSON	49.900 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
004	C204227	2020CPT.05.02.20921.1	WAKE	17.170 MI	MILLING, RESURFACING, AND SHOULDER GRADING.
005	C204133	50138.3.153	COLUMBUS, BRUNSWICK	2.749 MI	GRADING, DRAINAGE, PAVING, AND SIGNAL.
006	C204223	2019CPT.13.03.10571 ETC.	MADISON	39.180 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180821 001

CONTRACT ID : C204107 39049.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 6.231 MI

COUNTY : CUMBERLAND

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

DBE GOAL 10.0% COMPLETION DATE : JAN 28 2023

US-401 (RAEFORD RD) FROM OLD RAEFORD RD TO EAST OF FAIRWAY DR IN FAYETTEVILLE.

ROADWAY ITEMS					
			25,220	LF	15" RC PIPE CULVERTS, CLASS IV
			6,996	LF	18" RC PIPE CULVERTS, CLASS IV
			6,916	LF	24" RC PIPE CULVERTS, CLASS IV
			4,372	LF	30" RC PIPE CULVERTS, CLASS IV
			5,148	LF	36" RC PIPE CULVERTS, CLASS IV
			4,452	LF	42" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	40	LF	18" CS PIPE CULVERTS, 0.064" THICK
18,000	CY	UNCLASSIFIED EXCAVATION	2	EA	** CS PIPE ELBOWS, ***** THICK (18", 0.064")
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (26+78.00 -RPB-)	22	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500")
3,200	CY	UNDERCUT EXCAVATION	46	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")
165,000	CY	BORROW EXCAVATION	140	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")
3,740	CY	DRAINAGE DITCH EXCAVATION	216	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (72", 1")
1,880	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	22	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500")
3,200	CY	SELECT GRANULAR MATERIAL	46	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")
19,300	SY	GEOTEXTILE FOR SOIL STABILIZATION	140	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")
40,949.37	SF	TEMPORARY SHORING	216	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1")
935	SY	ROCK PLATING	22	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500")
100	TON	GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL	46	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")
20,826.79	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	140	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")
48,703.99	SY	FOUNDATION CONDITIONING GEOTEXTILE	216	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1")
416	LF	*** DRAINAGE PIPE (54")	30	LF	GENERIC PIPE ITEM 15" CS SLOTTED DRAIN, 0.064" THICK
52	LF	*** DRAINAGE PIPE (60")	950	LF	GENERIC PIPE ITEM 4" PVC SLEEVE
52	LF	*** DRAINAGE PIPE (66")	28,887	LF	PIPE REMOVAL
52	LF	12" DRAINAGE PIPE	4	EA	PIPE CLEAN OUT
2,656	LF	15" DRAINAGE PIPE	Lump Sum	LS	FINE GRADING
1,456	LF	18" DRAINAGE PIPE	4,300	CY	SHALLOW UNDERCUT
468	LF	24" DRAINAGE PIPE	9,800	TON	CLASS IV SUBGRADE STABILIZATION
704	LF	30" DRAINAGE PIPE	4,000	TON	INCIDENTAL STONE BASE
120	LF	36" DRAINAGE PIPE	16,490	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
824	LF	42" DRAINAGE PIPE	15,000	SY	INCIDENTAL MILLING
704	LF	48" DRAINAGE PIPE	13,650	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
2	EA	*** DRAINAGE PIPE ELBOWS (12")	8,850	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
2	EA	*** DRAINAGE PIPE ELBOWS (15")	3,070	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2	EA	*** DRAINAGE PIPE ELBOWS (24")	7,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4	EA	*** DRAINAGE PIPE ELBOWS (30")	1,685	TON	ASPHALT BINDER FOR PLANT MIX
2	EA	*** DRAINAGE PIPE ELBOWS (48")	14,879.1	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
60	LF	15" SIDE DRAIN PIPE	385.4	CY	SUBDRAIN EXCAVATION
100	LF	***** RC PIPE CULVERTS, CLASS (66", V)	1,600	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
28	LF	15" RC PIPE CULVERTS, CLASS III	268.8	CY	SUBDRAIN COARSE AGGREGATE
20	LF	48" RC PIPE CULVERTS, CLASS III	1,600	LF	6" PERFORATED SUBDRAIN PIPE
284	LF	60" RC PIPE CULVERTS, CLASS III	4	EA	SUBDRAIN PIPE OUTLET
48	LF	66" RC PIPE CULVERTS, CLASS III	24	LF	6" OUTLET PIPE
404	LF	72" RC PIPE CULVERTS, CLASS III	21	CY	ENDWALLS
40	LF	***** RC PIPE CULVERTS, CLASS IV (12")	12.6	CY	REINFORCED ENDWALLS
3,264	LF	***** RC PIPE CULVERTS, CLASS IV (48")	22.95	CY	PIPE COLLARS
2,248	LF	***** RC PIPE CULVERTS, CLASS IV (54")	1.25	CY	PIPE PLUGS
344	LF	***** RC PIPE CULVERTS, CLASS IV (60")	185	CY	FLOWABLE FILL
			773	EA	MASONRY DRAINAGE STRUCTURES
			98.374	CY	MASONRY DRAINAGE STRUCTURES
			480.5	LF	MASONRY DRAINAGE STRUCTURES
			252	EA	FRAME WITH TWO GRATES, STD 840.16



			5	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
			2	EA	GENERIC SIGNING ITEM DISPOSAL OF SIGN SYSTEM SPAN WIRE
12	EA	FRAME WITH TWO GRATES, STD 840.24	346	SF	WORK ZONE SIGNS (STATIONARY)
27	EA	FRAME WITH TWO GRATES, STD 840.29	384	SF	WORK ZONE SIGNS (PORTABLE)
58	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	127	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
193	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	4	EA	FLASHING ARROW BOARD
199	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	6	EA	PORTABLE CHANGEABLE MESSAGE SIGN
49	EA	FRAME WITH COVER, STD 840.54	335	EA	DRUMS
143	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	152	LF	BARRICADES (TYPE III)
7,970	LF	***X *** CONCRETE CURB (8" X 12")	300	DAY	FLAGGER
22,170	LF	1'-6" CONCRETE CURB & GUTTER	3	EA	TEMPORARY CRASH CUSHIONS
69,178.18	LF	2'-6" CONCRETE CURB & GUTTER	4	EA	TMA
490	LF	SHOULDER BERM GUTTER	403	LF	PORTABLE CONCRETE BARRIER
64	LF	CONCRETE VALLEY GUTTER	1,290	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
35,905.85	SY	4" CONCRETE SIDEWALK	100	HR	LAW ENFORCEMENT
306	EA	CONCRETE CURB RAMPS	128	LF	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN BARRICADE
4,908.89	SY	6" CONCRETE DRIVEWAY	58,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
14,770	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	88,560	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,372	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	14,570	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
12	EA	ADJUSTMENT OF CATCH BASINS	26,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
3	EA	ADJUSTMENT OF DROP INLETS	300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
7	EA	ADJUSTMENT OF MANHOLES	7,320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
11.01	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	415	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
4	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	745	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	233,461	LF	PAINT PAVEMENT MARKING LINES (4")
3,625	LF	STEEL BEAM GUARDRAIL	38,787	LF	PAINT PAVEMENT MARKING LINES (8")
5	EA	ADDITIONAL GUARDRAIL POSTS	1,336	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	GUARDRAIL END UNITS, TYPE CAT-1	124	EA	PAINT PAVEMENT MARKING CHARACTER
12	EA	GUARDRAIL END UNITS, TYPE TL-3	1,376	EA	PAINT PAVEMENT MARKING SYMBOL
5	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	2,850	EA	PERMANENT RAISED PAVEMENT MARKERS
1,101	LF	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	PORTABLE LIGHTING
1,600	LF	WOVEN WIRE FENCE, 47" FABRIC	619	LF	2" WATER LINE
98	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	1,324	LF	6" WATER LINE
30	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	13,019.07	LF	8" WATER LINE
573	LF	CHAIN LINK FENCE, *** FABRIC (72")	13,252.27	LF	12" WATER LINE
56	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")	880	LF	16" WATER LINE
49	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")	14,230	LF	24" WATER LINE
310	TON	RIP RAP, CLASS I	7,842	LF	30" WATER LINE
2,800	TON	RIP RAP, CLASS II	327,584.15	LB	DUCTILE IRON WATER PIPE FITTINGS
100	TON	RIP RAP, CLASS B	38	EA	2" VALVE
5,000	SY	GEOTEXTILE FOR DRAINAGE	124	EA	6" VALVE
2	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	59	EA	8" VALVE
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	28	EA	12" VALVE
18	CY	OVERHEAD FOOTING	1	EA	16" VALVE
2,196	LB	SUPPORTS, BREAKAWAY STEEL BEAM	18	EA	24" VALVE
6,650	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	5	EA	30" VALVE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+74 -RPB-)	3	EA	6" TAPPING SLEEVE & VALVE
7	EA	SIGN ERECTION, TYPE D	4	EA	8" TAPPING SLEEVE & VALVE
469	EA	SIGN ERECTION, TYPE E	3	EA	12" TAPPING SLEEVE & VALVE
44	EA	SIGN ERECTION, TYPE F	8	EA	24" TAPPING SLEEVE & VALVE
4	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	2	EA	*** BLOW OFF (1")
4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	5	EA	2" BLOW OFF
69	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)	173	EA	RELOCATE WATER METER
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	6	EA	RECONNECT WATER METER
279	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	RELOCATE *** DCV BACKFLOW PREVENTION ASSEMBLY (1")
69	EA	DISPOSAL OF SUPPORT, U-CHANNEL	2	EA	RELOCATE 2" DCV BACKFLOW PREVENTION ASSEMBLY
			2	EA	RELOCATE 6" DCV BACKFLOW PREVENTION ASSEMBLY
			110	EA	FIRE HYDRANT
			7	EA	RELOCATE FIRE HYDRANT
			1,687.5	LF	FIRE HYDRANT LEG
			2	EA	24" LINE STOP
			837.01	LF	*** WATER SERVICE LINE (2")
			1,862	LF	WATER SERVICE LINE
			1,731.5	LF	8" SANITARY GRAVITY SEWER
			90	LF	10" SANITARY GRAVITY SEWER

			1,850	TON	STONE FOR EROSION CONTROL, CLASS A
			3,100	TON	STONE FOR EROSION CONTROL, CLASS B
2,934.75	LF	12" SANITARY GRAVITY SEWER	13,050	TON	SEDIMENT CONTROL STONE
302.39	LF	16" SANITARY GRAVITY SEWER	60	ACR	TEMPORARY MULCHING
68	EA	SANITARY SEWER CLEAN-OUT	3,000	LB	SEED FOR TEMPORARY SEEDING
3,018.52	LF	SEWER SERVICE LINE	16	TON	FERTILIZER FOR TEMPORARY SEEDING
30	EA	4' DIA UTILITY MANHOLE	2,000	LF	TEMPORARY SLOPE DRAINS
2	EA	5' DIA UTILITY MANHOLE	200	LF	SAFETY FENCE
165.39	LF	UTILITY MANHOLE WALL 4' DIA	6,000	CY	SILT EXCAVATION
11.41	LF	UTILITY MANHOLE WALL 5' DIA	60,000	SY	MATTING FOR EROSION CONTROL
100	LF	ABANDON *** UTILITY PIPE (15")	100	SY	COIR FIBER MAT
877.01	LF	ABANDON *** UTILITY PIPE (2")	300	SY	PERMANENT SOIL REINFORCEMENT MAT
10,065.01	LF	ABANDON 6" UTILITY PIPE	51,600	LF	1/4" HARDWARE CLOTH
2,569.66	LF	ABANDON 8" UTILITY PIPE	100	SY	LOW PERMEABILITY GEOTEXTILE
15,017.01	LF	ABANDON 12" UTILITY PIPE	50	SY	FLOATING TURBIDITY CURTAIN
665.01	LF	ABANDON 16" UTILITY PIPE	557	CY	STILLING BASINS
12,106	LF	ABANDON 24" UTILITY PIPE	20	EA	SPECIAL STILLING BASINS
5	EA	REMOVE WATER METER	7,320	LF	COIR FIBER WATTLE
37	EA	REMOVE FIRE HYDRANT	4,515	LB	POLYACRYLAMIDE (PAM)
6	EA	ABANDON UTILITY MANHOLE	2,200	LF	COIR FIBER BAFFLE
3.01	EA	REMOVE UTILITY MANHOLE	5	EA	*** SKIMMER (1-1/2")
102	LF	*** ENCASEMENT PIPE (4")	52	ACR	SEEDING & MULCHING
125	LF	*** ENCASEMENT PIPE (42")	26	ACR	MOWING
75.01	LF	12" ENCASEMENT PIPE	750	LB	SEED FOR REPAIR SEEDING
298	LF	16" ENCASEMENT PIPE	2.25	TON	FERTILIZER FOR REPAIR SEEDING
648.01	LF	24" ENCASEMENT PIPE	1,250	LB	SEED FOR SUPPLEMENTAL SEEDING
414	LF	30" ENCASEMENT PIPE	37.5	TON	FERTILIZER TOPDRESSING
588	LF	36" ENCASEMENT PIPE	1,050	LF	IMPERVIOUS DIKE
75.01	LF	BORE AND JACK OF *** (12")	25	MHR	SPECIALIZED HAND MOWING
454	LF	BORE AND JACK OF *** (16")	125	EA	RESPONSE FOR EROSION CONTROL
588.01	LF	BORE AND JACK OF *** (24")	10	EA	CONCRETE WASHOUT STRUCTURE
414	LF	BORE AND JACK OF *** (30")	300	CY	CULVERT DIVERSION CHANNEL
588	LF	BORE AND JACK OF *** (36")	300	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
102	LF	BORE AND JACK OF *** (4")	100	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
399	LF	BORE AND JACK OF *** (42")	132	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
368	LF	DIRECTIONAL DRILLING OF *** (16")	109,620	LF	SIGNAL CABLE
540	LF	DIRECTIONAL DRILLING OF *** (30")	376	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
22	EA	GENERIC UTILITY ITEM 12" NITRILE GASKETS	61	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
3	EA	GENERIC UTILITY ITEM 16" NITRILE GASKETS	47	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
1	EA	GENERIC UTILITY ITEM 2" COMBINATION AIR RELEASE VALVE	3,480	LF	MESSENGER CABLE (1/4")
44	EA	GENERIC UTILITY ITEM 24" NITRILE GASKETS	20,490	LF	MESSENGER CABLE (3/8")
11	EA	GENERIC UTILITY ITEM 30" NITRILE GASKETS	745	LF	TRACER WIRE
34	EA	GENERIC UTILITY ITEM 8" NITRILE GASKETS	530	LF	PAVED TRENCHING (***** (1, 2"))
44	EA	GENERIC UTILITY ITEM ADJUSTMENT OF BRICK AND MORTAR MANHOLES	30	LF	PAVED TRENCHING (***** (3, 2"))
35	EA	GENERIC UTILITY ITEM ADJUSTMENT OF PRECAST MANHOLES	9,150	LF	UNPAVED TRENCHING (***** (1, 2"))
6	EA	GENERIC UTILITY ITEM AERIAL WATER MAIN STEEL PILE PIER	2,570	LF	UNPAVED TRENCHING (***** (2, 2"))
4	EA	GENERIC UTILITY ITEM REMOVE EXISTING PIERS	270	LF	UNPAVED TRENCHING (***** (3, 2"))
0.86	LF	GENERIC UTILITY ITEM BRICK AND MORTAR MANHOLE	420	LF	UNPAVED TRENCHING (***** (4, 2"))
297	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT ON 12" DIA MAIN	510	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
101	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT ON 16" DIA MAIN	650	LF	DIRECTIONAL DRILL (***** (1, 2"))
540	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT ON 24" DIA MAIN	235	LF	DIRECTIONAL DRILL (***** (2, 2"))
270	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT ON 8" DIA MAIN	214	EA	JUNCTION BOX (STANDARD SIZE)
0.33	LF	GENERIC UTILITY ITEM PRECAST MANHOLE	13	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
3.17	LF	GENERIC UTILITY ITEM SEWER MANHOLE VENT	71	EA	WOOD POLE
39,000	LF	TEMPORARY SILT FENCE	145	EA	GUY ASSEMBLY
			18	EA	1/2" RISER WITH WEATHERHEAD
			22	EA	1" RISER WITH WEATHERHEAD
			54	EA	2" RISER WITH WEATHERHEAD
			2	EA	2" RISER WITH HEAT SHRINK TUBING
			31,420	LF	INDUCTIVE LOOP SAWCUT
			127,800	LF	LEAD-IN CABLE (***** (14-2))
			20	EA	SITE SURVEY
			75	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
			75	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
			20	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT

114	EA	RELOCATE CAMERA SENSOR UNIT
7,388	LF	COMMUNICATIONS CABLE (**FIBER) (12)
22,656	LF	COMMUNICATIONS CABLE (**FIBER) (24)
18,736	LF	COMMUNICATIONS CABLE (**FIBER) (72)
7,045	LF	DROP CABLE
18	EA	SPLICE ENCLOSURE
25	EA	INTERCONNECT CENTER
19	EA	DELINEATOR MARKER
4	EA	FIBER-OPTIC SPLICE CABINET (BASE MOUNTED)
30,854	LF	REMOVE EXISTING COMMUNICATIONS CABLE
73	EA	METAL STRAIN SIGNAL POLE
73	EA	SOIL TEST
438	CY	DRILLED PIER FOUNDATION
57	EA	SIGN FOR SIGNALS
1	EA	TYPE I POST WITH FOUNDATION
113	EA	TYPE II PEDESTAL WITH FOUND- ATION
2	EA	TYPE III PEDESTAL WITH FOUND- ATION
2	EA	LED BLANKOUT SIGN
25	EA	SIGNAL CABINET FOUNDATION
7	EA	CONTROLLERS WITH CABINET (***** (2070LX, BASE MOUNTED)
216	EA	DETECTOR CARD (TYPE 2070L)
11	EA	CABINET BASE EXTENDER
10	EA	METAL POLE FOUNDATION REMOVAL
10	EA	METAL POLE REMOVAL
1	EA	GENERIC SIGNAL ITEM CCTV METAL POLE (40')
1	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
1	EA	GENERIC SIGNAL ITEM DMS ELECTRICAL SERVICE
1	EA	GENERIC SIGNAL ITEM DMS STRUCTURE
1	EA	GENERIC SIGNAL ITEM DUAL DMS MOUNTED BACK TO BACK
7	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
16	EA	GENERIC SIGNAL ITEM HUB SPLICE CENTER
1	EA	GENERIC SIGNAL ITEM SOIL TEST FOR CCTV POLE
1	EA	GENERIC SIGNAL ITEM SOIL TEST FOR DMS FOUNDATION
1,550	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE
15	CY	GENERIC SIGNAL ITEM DMS FOUNDATION
6	CY	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION FOR CCTV POLE

45,110	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT
27,855	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL

**STRUCTURE ITEMS**

1	EA	PDA TESTING
3,042	SF	REINFORCED CONCRETE DECK SLAB
4,473	SF	GROOVING BRIDGE FLOORS
89.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+78.00 -RPB-)
12,844	LB	REINFORCING STEEL (BRIDGE)
396.88	LF	45" PRESTRESSED CONCRETE GIR- DERS
14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
1,225	LF	HP12X53 STEEL PILES
8	EA	PILE REDRIVES
220.3	LF	CONCRETE BARRIER RAIL
28	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS

**CULVERT ITEMS**

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (137+99.59 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (137+99.59 -L-)
117	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
160	CY	CHANNEL EXCAVATION
247.2	CY	CLASS A CONCRETE (CULVERT)
32,201	LB	REINFORCING STEEL (CULVERT)
2,363	SF	GENERIC RETAINING WALL ITEM ANCHORED SHEET PILE WALL

**WALL ITEMS**

17,470	SF	MSE RETAINING WALL NO **** (1)
11,360	SF	MSE RETAINING WALL NO **** (2)
450	SF	SEGMENTAL GRAVITY RETAINING WALLS



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180821 004

CONTRACT ID : C204227 2020CPT.05.02.20921.1 DIV OFFICE DURHAM

LENGTH = 17.170 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : NOV 30 2019

## 37 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS		210	LF	WATTLE
				15	ACR	SEEDING & MULCHING
				10,280	LF	INDUCTIVE LOOP SAWCUT
Lump Sum	LS	MOBILIZATION				
580	CY	BORROW EXCAVATION				
9.07	SMI	GENERIC GRADING ITEM				
		SHOULDER GRADING				
12	TON	INCIDENTAL STONE BASE				
930	TON	AGGREGATE SHOULDER BORROW				
372,468	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")				
1,033	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")				
6,668	SY	INCIDENTAL MILLING				
148	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C				
27,811	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
6,803	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C				
2,273	TON	ASPHALT BINDER FOR PLANT MIX				
2,468	TON	PATCHING EXISTING PAVEMENT				
4	EA	ADJUSTMENT OF MANHOLES				
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
5,084	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING				
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL				
1,000	HR	LAW ENFORCEMENT				
54,915	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
136,944	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
4,517	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
6,114	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)				
3,921	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)				
3,853	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
102	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)				
360	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
12	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)				
21	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
2,900	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)				
103	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)				
4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (III)				
1	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)				
144,194	LF	PAINT PAVEMENT MARKING LINES (4")				
5,552	LF	PAINT PAVEMENT MARKING LINES (8")				
4,439	LF	PAINT PAVEMENT MARKING LINES (24")				
114	EA	PAINT PAVEMENT MARKING CHARAC- TER				
341	EA	PAINT PAVEMENT MARKING SYMBOL				
2,900	LF	REMOVAL OF PAVEMENT MARKING LINES (4")				
103	LF	REMOVAL OF PAVEMENT MARKING LINES (8")				
Lump Sum	LS	PORTABLE LIGHTING				
1,062	LF	TEMPORARY SILT FENCE				

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

L180821 005

CONTRACT ID : C204133 50138.3.153

DIV OFFICE FAYETTEVILLE

LENGTH = 2.749 MI

COUNTY : COLUMBUS, BRUNSWICK

GRADING, DRAINAGE, PAVING, AND SIGNAL.

DBE GOAL 9.0% COMPLETION DATE : NOV 28 2020

US-74 FROM SR-1824 (WATER TANK RD) TO EAST OF BRUNSWICK COUNTY LINE.

ROADWAY ITEMS					
			500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
			84	CY	SUBDRAIN COARSE AGGREGATE
Lump Sum	LS	MOBILIZATION	500	LF	6" PERFORATED SUBDRAIN PIPE
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CONSTRUCTION SURVEYING	1	EA	SUBDRAIN PIPE OUTLET
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	6	LF	6" OUTLET PIPE
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	6.8	CY	ENDWALLS
21,500	CY	UNCLASSIFIED EXCAVATION	16.2	CY	REINFORCED ENDWALLS
3,800	CY	UNDERCUT EXCAVATION	4,359	CY	PIPE COLLARS
100	CY	DRAINAGE DITCH EXCAVATION	2	CY	FLOWABLE FILL
12,100	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	79	EA	MASONRY DRAINAGE STRUCTURES
7,300	CY	SELECT GRANULAR MATERIAL	12.2	CY	MASONRY DRAINAGE STRUCTURES
17,300	SY	GEOTEXTILE FOR SOIL STABILIZATION	11.4	LF	MASONRY DRAINAGE STRUCTURES
100	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	53	EA	FRAME WITH TWO GRATES, STD 840.16
660	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	12	EA	FRAME WITH TWO GRATES, STD 840.22
2,060	SY	FOUNDATION CONDITIONING GEOTEXTILE	3	EA	FRAME WITH TWO GRATES, STD 840.29
988	LF	15" SIDE DRAIN PIPE	7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
24	LF	24" SIDE DRAIN PIPE	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
80	LF	***** RC PIPE CULVERTS, CLASS ***** (24", V)	4	EA	FRAME WITH COVER, STD 840.54
512	LF	15" RC PIPE CULVERTS, CLASS III	50	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
44	LF	18" RC PIPE CULVERTS, CLASS III	2,760	LF	1'-6" CONCRETE CURB & GUTTER
72	LF	***** RC PIPE CULVERTS, CLASS IV (54")	670	LF	2'-6" CONCRETE CURB & GUTTER
304	LF	***** RC PIPE CULVERTS, CLASS IV (60")	450	LF	CONCRETE EXPRESSWAY GUTTER
3,204	LF	15" RC PIPE CULVERTS, CLASS IV	10	SY	6" CONCRETE DRIVEWAY
412	LF	18" RC PIPE CULVERTS, CLASS IV	4,690	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
148	LF	24" RC PIPE CULVERTS, CLASS IV	1	EA	ADJUSTMENT OF CATCH BASINS
8	LF	30" RC PIPE CULVERTS, CLASS IV	2	EA	ADJUSTMENT OF MANHOLES
12	LF	36" RC PIPE CULVERTS, CLASS IV	1	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET
368	LF	42" RC PIPE CULVERTS, CLASS IV	61	TON	RIP RAP, CLASS I
679	LF	PIPE REMOVAL	8	TON	RIP RAP, CLASS B
2	EA	PIPE CLEAN OUT	800	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	FINE GRADING	2,725	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3,500	CY	SHALLOW UNDERCUT	3	EA	SIGN ERECTION, TYPE D
7,000	TON	CLASS IV SUBGRADE STABILIZATION	143	EA	SIGN ERECTION, TYPE E
250	TON	CLASS IV AGGREGATE STABILIZATION	6	EA	SIGN ERECTION, TYPE F
250	TON	INCIDENTAL STONE BASE	5	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (D)
1,930	CY	SHOULDER BORROW	1	EA	DISPOSAL OF SUPPORT, WOOD
46,980	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1.5")	2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
45,310	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")	96	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2,000	SY	INCIDENTAL MILLING	2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
11,190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	339	SF	WORK ZONE SIGNS (STATIONARY)
13,990	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	192	SF	WORK ZONE SIGNS (PORTABLE)
13,360	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	97	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,995	TON	ASPHALT BINDER FOR PLANT MIX	1	EA	PORTABLE CHANGEABLE MESSAGE SIGN
300	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	800	EA	DRUMS
40,590	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	60	EA	CONES
150	TON	GENERIC PAVING ITEM ASPHALT PAVEMENT INTERLAYER	80	LF	BARRICADES (TYPE III)
45,320	SY	GENERIC PAVING ITEM PAVEMENT INTERLAYER (REGULAR)	65	DAY	FLAGGER
112	CY	SUBDRAIN EXCAVATION	16	HR	LAW ENFORCEMENT
			60	EA	SKINNY DRUM
			48	EA	TUBULAR MARKERS (FIXED)
			58,850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
			12,051	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
			13,420	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
			385	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)

143	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
140,600	LF	PAINT PAVEMENT MARKING LINES (6")
26,720	LF	PAINT PAVEMENT MARKING LINES (12")
670	LF	PAINT PAVEMENT MARKING LINES (24")
266	EA	PAINT PAVEMENT MARKING SYMBOL
1,300	EA	PERMANENT RAISED PAVEMENT MARKERS
1	EA	6" VALVE
1	EA	RELOCATE FIRE HYDRANT
56	LF	FIRE HYDRANT LEG
3,200	LF	TEMPORARY SILT FENCE
315	TON	STONE FOR EROSION CONTROL, CLASS A
575	TON	STONE FOR EROSION CONTROL, CLASS B
1,065	TON	SEDIMENT CONTROL STONE
25	ACR	TEMPORARY MULCHING
1,400	LB	SEED FOR TEMPORARY SEEDING
7	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
540	CY	SILT EXCAVATION
20,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
3,570	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
2,900	LF	WATTLE
1,145	LB	POLYACRYLAMIDE (PAM)
24	ACR	SEEDING & MULCHING
12	ACR	MOWING
250	LB	SEED FOR REPAIR SEEDING
0.75	TON	FERTILIZER FOR REPAIR SEEDING
475	LB	SEED FOR SUPPLEMENTAL SEEDING
14.25	TON	FERTILIZER TOPDRESSING
40	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
50	EA	RESPONSE FOR EROSION CONTROL
4	EA	CONCRETE WASHOUT STRUCTURE
550	LF	SIGNAL CABLE
4	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
440	LF	MESSENGER CABLE (3/8")
310	LF	UNPAVED TRENCHING (*****) (1, 2")
20	LF	UNPAVED TRENCHING (*****) (3, 2")
70	LF	DIRECTIONAL DRILL (*****) (1, 2")
9	EA	JUNCTION BOX (STANDARD SIZE)
410	LF	INDUCTIVE LOOP SAWCUT
1,150	LF	LEAD-IN CABLE (*****) (14-2)
3	EA	METAL STRAIN SIGNAL POLE
3	EA	SOIL TEST
21	CY	DRILLED PIER FOUNDATION
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLERS WITH CABINET (*****) (TYPE 2070E, BASE MOUNTED)
3	EA	DETECTOR CARD (TYPE 170)
1	EA	CABINET BASE EXTENDER

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180821 006

CONTRACT ID : C204223 2019CPT.13.03.10571 DIV OFFICE ASHEVILLE

LENGTH = 39.180 MI

COUNTY : MADISON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION

DBE GOAL 7.0% COMPLETION DATE : NOV 01 2019

2 SECTIONS OF US-25/US-70, 1 SECTION OF NC-209, AND 17 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,024	TON	INCIDENTAL STONE BASE
40.88	SMI	SHOULDER RECONSTRUCTION
5,316	TON	AGGREGATE SHOULDER BORROW
2,208	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
6,550	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
5,000	SY	INCIDENTAL MILLING
11,694	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14,061	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,545	TON	ASPHALT BINDER FOR PLANT MIX
8,035	TON	PATCHING EXISTING PAVEMENT
136,528	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
136,528	SY	ASPHALT SURFACE TREATMENT, FOG SEAL
75,093	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
7	WK	VACUUM TRUCK
66,634	SY	GENERIC PAVING ITEM LATEX MODIFIED MICRO-SURFACING TYPE III
7	EA	CONCRETE CURB RAMPS
4,398	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 240 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
132	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1,194,546	LF	PAINT PAVEMENT MARKING LINES (4")
220,938	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
247,104	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,210	EA	SNOWPLOWABLE PAVEMENT MARKERS