



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

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

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  
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 MARCH 20, 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 FEBRUARY 20, 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** L180320

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C204096	34821.3.7	GUILFORD	5.265 MI	GRADING, DRAINAGE, PAVING, SIGNALS, ITS, AND STRUCTURES.
002	C204139	47746.3.1	CRAVEN, JONES	32.040 MI	WIDENING, MILLING, RESURFACING, GUARDRAIL, & SHLD RECONST.
003	C203972	39930.3.2	EDGEcombe	1.290 MI	WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.
004	C204138	45880.3.1	WILSON	7.700 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
005	C203981	44401.3.1	WAKE	1.649 MI	GRADING, DRAINAGE, PAVING, AND SIGNALS.
006	C204128	2018CPT.05.14.10911.1 ETC.	VANCE, GRANVILLE	35.064 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
007	C204143	2018CPT.05.15.10351.1 ETC.	FRANKLIN, WARREN	53.109 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
008	C204076	38389.3.3	CUMBERLAND	1.087 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
009	C204120	53057.3.1	GUILFORD	1.874 MI	PAVEMENT REHABILITATION.
010	C204136	2018CPT.08.06.20761 ETC.	DAVIDSON, RANDOLPH	31.668 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
011	C204140	2018CPT.09.01.10291.1 ETC.	DAVIDSON, FORSYTH	39.458 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
012	C204141	2018CPT.09.07.10801 ETC.	ROWAN	23.914 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
013	C204126	47618.3.1	MECKLENBURG	0.632 MI	GRADING, DRAINAGE, PAVING, AND SIGNALS.
014	C204116	53012.3.1	MECKLENBURG	7.809 MI	PAVEMENT REHABILITATION.
015	C204142	2018CPT.12.07.10231 ETC.	CLEVELAND	56.970 MI	MILLING, RESURFACING, WIDENING, AND SHOULDER RECONSTRUCTION.
016	C204144	2018CPT.12.10.10491 ETC.	IREDELL	56.883 MI	MILLING, RESURFACING, SIGNALS AND SHOULDER RECONSTRUCTION.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 001

CONTRACT ID : C204096 34821.3.7

DIV OFFICE GREENSBORO

LENGTH = 5.265 MI

COUNTY : GUILFORD

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

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

GREENSBORO EASTERN LOOP FROM US-29 NORTH OF GREENSBORO TO SR-2303 (LAWNDALE DR).

ROADWAY ITEMS

			Lump Sum	LS	GENERIC GRADING ITEM		
					MEDIA FILTER BASIN (NO 6)		
			Lump Sum	LS	GENERIC GRADING ITEM		
					MEDIA FILTER BASIN (NO 7)		
			Lump Sum	LS	GENERIC GRADING ITEM		
					MEDIA FILTER BASIN (NO 9)		
			Lump Sum	LS	GENERIC GRADING ITEM		
					REMOVAL & DISPOSAL OF 5 FOAM		
					FILLED USTS		
			Lump Sum	LS	GENERIC GRADING ITEM		
					SETTLEMENT MONITORING ASSIST		
					AT STR 7 (BR 1246) - END BENT		
					1		
			Lump Sum	LS	GENERIC GRADING ITEM		
					SETTLEMENT MONITORING ASSIST		
					AT STR 7 (BR 1246) - END BENT		
					2		
			Lump Sum	LS	GENERIC GRADING ITEM		
					SETTLEMENT MONITORING ASSIST		
					AT STRS 2		
					& 3 (BR 1241 & 1242) - END		
					BENT 1		
			Lump Sum	LS	GENERIC GRADING ITEM		
					SETTLEMENT MONITORING ASSIST		
					AT STRS 2		
					& 3 (BR 1241 & 1242) - END		
					BENT 2		
			3,000	TON	GENERIC GRADING ITEM		
					STOCKPILING PETROLEUM CONTAMI-		
					NATED SOIL		
			7,565	TON	FOUNDATION CONDITIONING MATE-		
					RIAL, MINOR STRUCTURES		
			26,490	SY	FOUNDATION CONDITIONING GEO-		
					TEXTILE		
			1,972	LF	*** SIDE DRAIN PIPE		
					(30")		
			140	LF	*** SIDE DRAIN PIPE		
					(42")		
			16	LF	*** SIDE DRAIN PIPE		
					(48")		
			44	LF	*** SIDE DRAIN PIPE		
					(54")		
			10,312	LF	15" SIDE DRAIN PIPE		
			4,228	LF	18" SIDE DRAIN PIPE		
			3,944	LF	24" SIDE DRAIN PIPE		
			1,696	LF	*** RC PIPE CULVERTS, CON-		
					TRACTOR DESIGN		
					(24")		
			364	LF	*** RC PIPE CULVERTS, CON-		
					TRACTOR DESIGN		
					(36")		
			488	LF	*** RC PIPE CULVERTS, CON-		
					TRACTOR DESIGN		
					(42")		
			124	LF	*** RC PIPE CULVERTS, CON-		
					TRACTOR DESIGN		
					(48")		
			860	LF	*** RC PIPE CULVERTS, CON-		
					TRACTOR DESIGN		
					(54")		
			4,524	LF	*** RC PIPE CULVERTS, CLASS		
					*****		
					(15", V)		
			772	LF	*** RC PIPE CULVERTS, CLASS		
					*****		
					(18", V)		
			1,348	LF	*** RC PIPE CULVERTS, CLASS		
					*****		
					(24", V)		
			360	LF	*** RC PIPE CULVERTS, CLASS		
					*****		
					(66", V)		
			2,124	LF	15" RC PIPE CULVERTS, CLASS		
					III		
			760	LF	18" RC PIPE CULVERTS, CLASS		
					III		
			320	LF	24" RC PIPE CULVERTS, CLASS		
					III		
			804	LF	30" RC PIPE CULVERTS, CLASS		
					III		
			1,032	LF	36" RC PIPE CULVERTS, CLASS		
					III		
			704	LF	42" RC PIPE CULVERTS, CLASS		
					III		



				1	EA	FRAME WITH GRATE, STD 840.22
				16	EA	FRAME WITH TWO GRATES, STD 840.16
276	LF	48" RC PIPE CULVERTS, CLASS III		119	EA	FRAME WITH TWO GRATES, STD 840.20
232	LF	60" RC PIPE CULVERTS, CLASS III		157	EA	FRAME WITH TWO GRATES, STD 840.22
336	LF	72" RC PIPE CULVERTS, CLASS III		1	EA	FRAME WITH TWO GRATES, STD 840.24
9,080	LF	15" RC PIPE CULVERTS, CLASS IV		6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
4,368	LF	18" RC PIPE CULVERTS, CLASS IV		22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
2,736	LF	24" RC PIPE CULVERTS, CLASS IV		27	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1,340	LF	30" RC PIPE CULVERTS, CLASS IV		29	EA	FRAME WITH COVER, STD 840.54
1,816	LF	36" RC PIPE CULVERTS, CLASS IV		14	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
356	LF	42" RC PIPE CULVERTS, CLASS IV		2,025	LF	1'-6" CONCRETE CURB & GUTTER
112	LF	*** CS PIPE CULVERTS, ***** THICK (42", 0.109")		11,300	LF	2'-6" CONCRETE CURB & GUTTER
1,480	LF	15" CS PIPE CULVERTS, 0.064" THICK		26,700	LF	SHOULDER BERM GUTTER
1,164	LF	18" CS PIPE CULVERTS, 0.064" THICK		4,090	SY	4" CONCRETE SIDEWALK
1,168	LF	24" CS PIPE CULVERTS, 0.064" THICK		35	EA	CONCRETE CURB RAMPS
492	LF	30" CS PIPE CULVERTS, 0.079" THICK		190	SY	4" CONCRETE PAVED DITCH
52	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")		3,000	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
28	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")		5,420	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
28	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")		1	EA	ADJUSTMENT OF CATCH BASINS
12	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")		17	EA	IMPACT ATTENUATOR UNIT, TYPE 350
2	EA	*** CS PIPE ELBOWS, ***** THICK (42", 0.109")		41,712.5	LF	STEEL BEAM GUARDRAIL
4,027	LF	PIPE REMOVAL		10	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	PIPE CLEAN OUT		31	EA	GUARDRAIL END UNITS, TYPE CAT-1
Lump Sum	LS	FINE GRADING		61	EA	GUARDRAIL END UNITS, TYPE TL-3
800	CY	SHALLOW UNDERCUT		58	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
223,780	TON	CLASS IV SUBGRADE STABILIZATION		12.5	LF	TEMPORARY STEEL BEAM GUARDRAIL
500	TON	STABILIZER AGGREGATE		2	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)
458,190	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION		26,200	LF	CABLE GUIDERAIL
19,700	TON	AGGREGATE BASE COURSE		70	EA	ADDITIONAL GUIDERAIL POSTS
1,000	TON	INCIDENTAL STONE BASE		24	EA	CABLE GUIDERAIL ANCHOR UNITS
1,650	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (3")		55,000	LF	WOVEN WIRE FENCE, 47" FABRIC
2,160	SY	INCIDENTAL MILLING		3,450	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
91,760	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		985	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
45,420	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		4	EA	DOUBLE GATES, *** HIGH, ** WIDE, *** OPENING (58", 12', 24')
49,780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		9,301	TON	RIP RAP, CLASS I
23,260	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		95	TON	RIP RAP, CLASS II
10,580	TON	ASPHALT BINDER FOR PLANT MIX		2,969	TON	RIP RAP, CLASS B
1,765	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		35,534	SY	GEOTEXTILE FOR DRAINAGE
121,500	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)		3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
307,732	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (13")		13	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT		2	CY	PLAIN CONCRETE SIGN FOUNDATIONS
4,183	CY	SUBDRAIN EXCAVATION		319	CY	OVERHEAD FOOTING
11,750	SY	GEOTEXTILE FOR SUBSURFACE DRAINS		15,148	LB	SUPPORTS, BREAKAWAY STEEL BEAM
118	CY	SUBDRAIN FINE AGGREGATE		1,199	LB	SUPPORTS, SIMPLE STEEL BEAM
1,974	CY	SUBDRAIN COARSE AGGREGATE		3,799	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
12,450	LF	6" PERFORATED SUBDRAIN PIPE		9	EA	SUPPORTS, BARRIER (LARGE)
25	EA	SUBDRAIN PIPE OUTLET		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (22+50 -LACFLY-)
150	LF	6" OUTLET PIPE		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (291+50 -L-)
52,573	LF	SHOULDER DRAIN		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (294+00 -L- LT)
52,573	LF	4" SHOULDER DRAIN PIPE		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (316+00 -L- LT)
4,068	LF	4" OUTLET PIPE FOR SHOULDER DRAINS		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (328+50 -L-)
21	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (346+00 -L- LT)
44.3	CY	ENDWALLS		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (357+00 -L-)
65.6	CY	REINFORCED ENDWALLS		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (383+50 -L-)
26,757	CY	PIPE COLLARS				
6	CY	FLOWABLE FILL				
378	EA	MASONRY DRAINAGE STRUCTURES				
211	LF	MASONRY DRAINAGE STRUCTURES				

			2,953	LF	WATER FILLED BARRIER
			3,100	LF	REMOVE & RESET WATER FILLED BARRIER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (385+00 -L- LT)	116	EA	SKINNY DRUM
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (419+00 -L- LT)	Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (428+50 -L-)	6	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (450+00 -L- LT)	6	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (456+00 -L-)	1,250	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (488+00 -L- LT)	286	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (507+00 -L- LT)	1,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (512+00 -L-)	2,718	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (529+50 -L- LT)	12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (540+00 -L-)	189	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
14	EA	SIGN ERECTION, TYPE D	4,837	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
130	EA	SIGN ERECTION, TYPE E	2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
31	EA	SIGN ERECTION, TYPE F	165,469	LF	PAINT PAVEMENT MARKING LINES (4")
18	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	3,880	LF	PAINT PAVEMENT MARKING LINES (8")
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	162	LF	PAINT PAVEMENT MARKING LINES (12")
28	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	1,926	LF	PAINT PAVEMENT MARKING LINES (24")
1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	16	EA	PAINT PAVEMENT MARKING CHARACTER
50	EA	SIGN ERECTION, MILEMARKERS	220	EA	PAINT PAVEMENT MARKING SYMBOL
112	EA	SIGN ERECTION, OVERLAY (OVERHEAD)	33,314	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
4	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	218,270	LF	POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)
1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)	1,009	LF	POLYUREA PAVEMENT MARKING LINES (8", 20 MILS)
13	EA	SIGN ERECTION, REPOSITION OVERHEAD	16,334	LF	POLYUREA PAVEMENT MARKING LINES (12", 20 MILS)
6	EA	DISPOSAL OF SUPPORT, STEEL BEAM	27,899	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD	12,086	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
13	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	365	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
80	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	2,175	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD	393	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
57	EA	DISPOSAL OF SUPPORT, U-CHANNEL	39	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
27	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	152	EA	PERMANENT RAISED PAVEMENT MARKERS
6	EA	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)	4,154	EA	SNOWPLOWABLE PAVEMENT MARKERS
161	EA	DISPOSAL OF SIGN, D, E OR F	2	EA	*** HIGH MOUNT STANDARD (60')
35	EA	DISPOSAL OF SIGN, OVERLAY (OVERHEAD)	12	EA	80' HIGH MOUNT STANDARD
2	EA	DISPOSAL OF SIGN, OVERLAY (GROUND MOUNTED)	5	EA	100' HIGH MOUNT STANDARD
2,368	SF	WORK ZONE SIGNS (STATIONARY)	11	EA	120' HIGH MOUNT STANDARD
1,681	SF	WORK ZONE SIGNS (PORTABLE)	1	EA	PORTABLE DRIVE UNIT
529	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	203	CY	HIGH MOUNT FOUNDATIONS
8	EA	FLASHING ARROW BOARD	2	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM)
6	EA	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA	STANDARD FOUNDATION ***** (TYPE R1)
645	EA	DRUMS	5	EA	ELECTRIC SERVICE POLE ***** (30' CLASS 4)
116	EA	CONES	125	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
1,304	LF	BARRICADES (TYPE III)	2,315	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
52	LF	PEDESTRIAN CHANNELIZING DEVICES	495	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
1,924	DAY	FLAGGER	120	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")
8	EA	TEMPORARY CRASH CUSHIONS	240	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (2")
6	EA	TMA	765	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
2,220	LF	PORTABLE CONCRETE BARRIER			

			10	EA	2" AIR RELEASE VALVE
			2	EA	8" BLOW OFF
			3	EA	RELOCATE WATER METER
1,240	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")	1	EA	FIRE HYDRANT
			12	EA	RELOCATE FIRE HYDRANT
105	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")	285	LF	FIRE HYDRANT LEG
2,100	LF	** #8 W/G FEEDER CIRCUIT (2)	133	LF	WATER SERVICE LINE
2,770	LF	** #6 W/G FEEDER CIRCUIT (2)	4,672	LF	8" SANITARY GRAVITY SEWER
3,215	LF	** #4 W/G FEEDER CIRCUIT (2)	826	LF	16" SANITARY GRAVITY SEWER
			458	LF	20" SANITARY GRAVITY SEWER
220	LF	** #2 W/G FEEDER CIRCUIT (2)	762	LF	16" FORCE MAIN SEWER
4,105	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)	7	EA	SANITARY SEWER CLEAN-OUT
7,865	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)	253	LF	SEWER SERVICE LINE
9,895	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)	3,715	LB	DUCTILE IRON SEWER PIPE FITTINGS
1,925	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5)	22	EA	4' DIA UTILITY MANHOLE
5	EA	ELECTRICAL JUNCTION BOXES ***** (CSJB, 36" X 24")	1	EA	5' DIA UTILITY MANHOLE
21	EA	ELECTRICAL JUNCTION BOXES ***** (HMJB, 18" X 12")	124	LF	UTILITY MANHOLE WALL 4' DIA
5	EA	ELECTRICAL JUNCTION BOXES ***** (HMJB, 30" X 17")	5	LF	UTILITY MANHOLE WALL 5' DIA
4	EA	ELECTRICAL JUNCTION BOXES ***** (HMJB, 36" X 24")	470	LF	ABANDON *** UTILITY PIPE (21")
35	EA	ELECTRICAL JUNCTION BOXES ***** (IGJB, 18" X 12")	723	LF	ABANDON *** UTILITY PIPE (36")
5	EA	ELECTRICAL JUNCTION BOXES ***** (IGJB, 30" X 17")	2,272	LF	ABANDON *** UTILITY PIPE (8")
8	EA	ELECTRICAL JUNCTION BOXES ***** (IGJB, 36" X 24")	1,775	LF	ABANDON 16" UTILITY PIPE
2	EA	ELECTRICAL JUNCTION BOXES ***** (LSJB, 18" X 12")	1,168	LF	ABANDON 20" UTILITY PIPE
10	EA	UNDERPASS LUMINARIES ***** (TYPE PM, LED, 62W)	1,268	LF	ABANDON 24" UTILITY PIPE
Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** LAWDALE DRIVE, UPL-1	370	LF	ABANDON 30" UTILITY PIPE
30	EA	GENERIC LIGHTING ITEM 100' HIGH MOUNT LUMINAIRE - LED	5	EA	REMOVE WATER METER
88	EA	GENERIC LIGHTING ITEM 120' HIGH MOUNT LUMINAIRE - LED	4	EA	REMOVE FIRE HYDRANT
5	EA	GENERIC LIGHTING ITEM 240/480V LIGHTING CONTROL SYSTEM	13	EA	ABANDON UTILITY MANHOLE
8	EA	GENERIC LIGHTING ITEM 60' HIGH MOUNT LUMINAIRE - LED	4	EA	REMOVE UTILITY MANHOLE
96	EA	GENERIC LIGHTING ITEM 80' HIGH MOUNT LUMINAIRE - LED	640	LF	*** ENCASEMENT PIPE (48")
5	EA	GENERIC LIGHTING ITEM COMMUNICATION GATEWAY	1,460	LF	20" ENCASEMENT PIPE
224	EA	GENERIC LIGHTING ITEM CONTROL NODE	860	LF	30" ENCASEMENT PIPE
2	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMINAIRE - 285W LED	1,410	LF	36" ENCASEMENT PIPE
1,215	LF	*** WATER LINE (36")	2	EA	CONCRETE PIERS
28	LF	8" WATER LINE	149,100	LF	TEMPORARY SILT FENCE
1,239	LF	12" WATER LINE	5,000	TON	STONE FOR EROSION CONTROL, CLASS A
611	LF	16" WATER LINE	26,965	TON	STONE FOR EROSION CONTROL, CLASS B
1,581	LF	20" WATER LINE	33,540	TON	SEDIMENT CONTROL STONE
2,526	LF	24" WATER LINE	576.5	ACR	TEMPORARY MULCHING
476	LF	30" WATER LINE	21,800	LB	SEED FOR TEMPORARY SEEDING
90,010	LB	DUCTILE IRON WATER PIPE FITTINGS	110	TON	FERTILIZER FOR TEMPORARY SEEDING
4	EA	*** VALVE (36")	41,440	LF	TEMPORARY SLOPE DRAINS
3	EA	6" VALVE	1,800	LF	SAFETY FENCE
1	EA	8" VALVE	120,570	CY	SILT EXCAVATION
1	EA	12" VALVE	497,000	SY	MATTING FOR EROSION CONTROL
1	EA	16" VALVE	1,800	SY	COIR FIBER MAT
3	EA	20" VALVE	6,500	SY	PERMANENT SOIL REINFORCEMENT MAT
5	EA	24" VALVE	17,575	LF	1/4" HARDWARE CLOTH
4	EA	30" VALVE	70	LF	*** TEMPORARY PIPE (18")
6	EA	6" TAPPING SLEEVE & VALVE	65	LF	*** TEMPORARY PIPE (30")
			200	LF	TEMPORARY PIPE FOR STREAM CROSSING
			3,875	CY	STILLING BASINS
			30	EA	SPECIAL STILLING BASINS
			20,130	LF	COIR FIBER WATTLE
			30,070	LF	WATTLE BARRIER
			13,535	LB	POLYACRYLAMIDE (PAM)
			25,310	LF	COIR FIBER BAFFLE
			70	EA	*** SKIMMER (1-1/2")
			16	EA	*** SKIMMER (2")
			5	EA	*** SKIMMER (2-1/2")
			2	EA	*** SKIMMER (3")
			459	ACR	SEEDING & MULCHING
			250	ACR	MOWING
			5,700	LB	SEED FOR REPAIR SEEDING
			22.5	TON	FERTILIZER FOR REPAIR SEEDING
			11,150	LB	SEED FOR SUPPLEMENTAL SEEDING
			334.5	TON	FERTILIZER TOPDRESSING
			1,300	LF	IMPERVIOUS DIKE
			200	MHR	SPECIALIZED HAND MOWING
			150	EA	RESPONSE FOR EROSION CONTROL
			30	EA	CONCRETE WASHOUT STRUCTURE
			8,370	CY	CULVERT DIVERSION CHANNEL
			10	ACR	REFORESTATION
			0.61	ACR	STREAMBANK REFORESTATION

90	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT			
60	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE			
22	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
9,225	LF	SIGNAL CABLE			
33	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
5	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
11,865	LF	MESSENGER CABLE (1/4")			
2,175	LF	MESSENGER CABLE (3/8")			
34,410	LF	TRACER WIRE			
3,500	LF	UNPAVED TRENCHING (***** (1, 2")			
26,950	LF	UNPAVED TRENCHING (***** (2, 2")			
3,035	LF	UNPAVED TRENCHING (***** (3, 2")			
650	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN			
1,580	LF	DIRECTIONAL DRILL (***** (1, 2")			
2,890	LF	DIRECTIONAL DRILL (***** (2, 2")			
1,760	LF	DIRECTIONAL DRILL (***** (3, 2")			
9	EA	JUNCTION BOX (***** (SPECIAL SIZE, HEAVY-DUTY)			
89	EA	JUNCTION BOX (STANDARD SIZE)			
71	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)			
15	EA	WOOD POLE			
32	EA	GUY ASSEMBLY			
5	EA	*** RISER WITH ***** (1-1/2" RISER W/ WEATHERHEAD)			
5	EA	2" RISER WITH WEATHERHEAD			
15	EA	2" RISER WITH HEAT SHRINK TUBING			
6,375	LF	INDUCTIVE LOOP SAWCUT			
17,375	LF	LEAD-IN CABLE (***** (14-2)			
1,700	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
36,370	LF	COMMUNICATIONS CABLE (**FIBER) (144)			
11,132	LF	COMMUNICATIONS CABLE (**FIBER) (24)			
4,500	LF	DROP CABLE			
16	EA	SPLICE ENCLOSURE			
5	EA	MODIFY SPLICE ENCLOSURE			
17	EA	INTERCONNECT CENTER			
79	EA	DELINEATOR MARKER			
3	EA	CABLE TRANSFER			
16	EA	METAL STRAIN SIGNAL POLE			
16	EA	SOIL TEST			
96	CY	DRILLED PIER FOUNDATION			
15	EA	SIGN FOR SIGNALS			
1	EA	TYPE I POST WITH FOUNDATION			
13	EA	TYPE II PEDESTAL WITH FOUND- ATION			
4	EA	SIGNAL CABINET FOUNDATION			
2	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION			
4	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
21	EA	DETECTOR CARD (TYPE 2070L)			
4	EA	CABINET BASE EXTENDER			
2	EA	GENERIC SIGNAL ITEM 10KVA SINGLE PHASE TRANSFORMER			
58	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE			
8	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY			
1	EA	GENERIC SIGNAL ITEM CCTV EXTENSION POLE			
7	EA	GENERIC SIGNAL ITEM CCTV METAL POLE (50')			
1	EA	GENERIC SIGNAL ITEM CENTRAL MEDIA CONVERTER			
4	EA	GENERIC SIGNAL ITEM DMS			
4	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER			
4	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE			
			13	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT
			6	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
			7	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
			11	EA	GENERIC SIGNAL ITEM ITS FIELD ETHERNET SWITCH
			7	EA	GENERIC SIGNAL ITEM ITS SOIL TEST
			11	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINA- TION PANEL
			2	EA	GENERIC SIGNAL ITEM TRAVEL TIME DYNAMIC MESSAGE SIGN
			6	EA	GENERIC SIGNAL ITEM WOOD PEDESTAL
		Lump Sum	LS		GENERIC SIGNAL ITEM INTEGRATION AND CONFIGURATION
		580	LF		GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR
		4,880	LF		GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTOR
		150	LF		GENERIC SIGNAL ITEM 3-WIRE COPPER SERVICE ENTRANCE CONDUCTOR
		2,500	LF		GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCTOR
		49	CY		GENERIC SIGNAL ITEM ITS DRILLED PIER FOUNDATION
		32	CY		GENERIC SIGNAL ITEM ITS OVERHEAD FOOTINGS
<b>CULVERT ITEMS</b>					
		Lump Sum	LS		CULVERT EXCAVATION, STA ***** (26+62.00 -Y6RPD-)
		Lump Sum	LS		CULVERT EXCAVATION, STA ***** (364+68.00 -L-)
		Lump Sum	LS		CULVERT EXCAVATION, STA ***** (382+49.00 -L-)
		Lump Sum	LS		CULVERT EXCAVATION, STA ***** (430+93.00 -L-)
		Lump Sum	LS		CULVERT EXCAVATION, STA ***** (472+13.00 -L-)
		Lump Sum	LS		CULVERT EXCAVATION, STA ***** (493+43.00 -L-)
		4,622	TON		FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
		7,547.3	CY		CLASS A CONCRETE (CULVERT)
		860,503	LB		REINFORCING STEEL (CULVERT)
<b>WALL ITEMS</b>					
		1,000	SY		GEOTEXTILE FOR SOIL STABILIZA- TION
		1,000	SF		SOIL NAIL RETAINING WALLS
		2	EA		SOIL NAIL VERIFICATION TESTS
		4	EA		SOIL NAIL PROOF TESTS
		2,300	TON		GENERIC RETAINING WALL ITEM SELECT MATERIAL CLASS VI
		3,100	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 1A
		3,900	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 1B
		4,700	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 2A
		5,200	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 2B
		4,400	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 4A
		4,200	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 4B
		3,600	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 5A
		3,200	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 5B
		4,300	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 6A
		4,800	SF		GENERIC RETAINING WALL ITEM MSE ABUTMENT WALL NO 6B

## STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 17+37.28 -Y16-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+29.98 -Y5-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 25+52.71 -Y7-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+98.81 -Y4-)
755.67	LF	3'-6" DIA DRILLED PIERS IN SOIL
61	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
16	EA	SID INSPECTIONS
16	EA	SPT TESTING
16	EA	CSL TESTING
101.695	SF	REINFORCED CONCRETE DECK SLAB
114,482	SF	GROOVING BRIDGE FLOORS
2,528.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+37.28 -Y16-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+29.98 -Y5-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+52.71 -Y7-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+98.81 -Y4-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (329+95.42 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (329+95.42 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (337+20.09 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (337+20.09 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (470+43.12 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (470+43.12 -L- RT)
402,108	LB	REINFORCING STEEL (BRIDGE)
36,361	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,637.26	LF	45" PRESTRESSED CONCRETE GIR- DERS
1,491	LF	54" PRESTRESSED CONCRETE GIR- DERS
6,593.64	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
178	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
7,660	LF	HP12X53 STEEL PILES
72	EA	STEEL PILE POINTS
90	LF	PREDRILLING FOR PILES
460.49	LF	THREE BAR METAL RAIL
1,787.02	LF	CONCRETE BARRIER RAIL
1,199.5	LF	VERTICAL CONCRETE BARRIER RAIL
4,169	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (337+20.09 -L-)
4,272	SF	GENERIC STRUCTURE ITEM TEMPORARY SHORING FOR MSE WALL CONSTRUCTION
10,000	DOL	CONTRACT TIME

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 002

CONTRACT ID : C204139 47746.3.1

DIV OFFICE GREENVILLE

LENGTH = 32.040 MI

COUNTY : CRAVEN, JONES

WIDENING, MILLING, RESURFACING, GUARDRAIL, &amp; SHLD RECONST.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : FEB 13 2020

US-70/US-17 FROM DOVER TO THE NEUSE RIVER BRIDGE IN NEW BERN.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION	3	EA	RESPONSE FOR EROSION CONTROL
39,047	CY	MOBILIZATION			
41,721	TON	BORROW EXCAVATION			
63.35	SMI	GENERIC GRADING ITEM CLASS IV SUBGRADE STABILIZATION			
50.57	SMI	GENERIC GRADING ITEM MEDIAN SHOULDER RECONSTRUCTION (T1)			
29,686	CY	GENERIC GRADING ITEM OUTSIDE SHOULDER RECONSTRUCTION (T2)			
900,551	SY	SHALLOW UNDERCUT			
4,388	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")			
93,432	TON	INCIDENTAL MILLING			
116,924	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
113,640	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
16,635	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
536,419	LF	ASPHALT BINDER FOR PLANT MIX			
6,979	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
36	EA	STEEL BEAM GUARDRAIL			
6,979	LF	GUARDRAIL END UNITS, TYPE TL-3			
672	SF	REMOVE EXISTING GUARDRAIL			
3	EA	WORK ZONE SIGNS (STATIONARY)			
20	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS			
15	EA	WORK ZONE PRESENCE LIGHTING			
1,152	HR	SEQUENTIAL FLASHING WARNING LIGHTS			
130	EA	LAW ENFORCEMENT			
48	EA	GENERIC TRAFFIC CONTROL ITEM LANE CLOSURE			
615,414	LF	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURE			
68,677	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
23,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
1,965	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
439	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)			
32	EA	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
126	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
2,330	LF	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
670	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)			
678,364	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)			
24,765	LF	PAINT PAVEMENT MARKING LINES (4")			
439	LF	PAINT PAVEMENT MARKING LINES (8")			
24	EA	PAINT PAVEMENT MARKING LINES (24")			
114	EA	PAINT PAVEMENT MARKING CHARACTER			
2,290	LF	PAINT PAVEMENT MARKING SYMBOL			
670	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
5,182	EA	REMOVAL OF PAVEMENT MARKING LINES (8")			
2,530	LF	SNOWPLOWABLE PAVEMENT MARKERS			
1,265	LF	TEMPORARY SILT FENCE			
83.86	ACR	WATTLE			
		SEEDING & MULCHING			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 003

CONTRACT ID : C203972 39930.3.2

DIV OFFICE WILSON

LENGTH = 1.290 MI

COUNTY : EDGEcombe

WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 11 2020

SR-1250 (SPRINGFIELD ROAD) FROM US-64 ALTERNATE TO SR-1243 (LEGGETT ROAD).

ROADWAY ITEMS					
			3,125	SY	4" CONCRETE SIDEWALK
			30	EA	CONCRETE CURB RAMP
			5,850	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	MOBILIZATION	110	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	54	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	115	TON	RIP RAP, CLASS I
	1,850	CY UNCLASSIFIED EXCAVATION	36	TON	RIP RAP, CLASS B
	200	CY UNDERCUT EXCAVATION	650	SY	GEOTEXTILE FOR DRAINAGE
	10,050	CY BORROW EXCAVATION	963	SF	WORK ZONE SIGNS (STATIONARY)
	558	CY DRAINAGE DITCH EXCAVATION	192	SF	WORK ZONE SIGNS (PORTABLE)
	200	CY SELECT GRANULAR MATERIAL	122	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	17,550	SY GEOTEXTILE FOR SOIL STABILIZATION	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
	5,500	CY GENERIC GRADING ITEM CLASS II, TYPE 2 GRANULAR SOIL	616	EA	DRUMS
	4,422	CY GENERIC GRADING ITEM SHALLOW UNDERCUT	50	EA	CONES
	50	TON GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL	96	LF	BARRICADES (TYPE III)
	1,740	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	2,000	HR	FLAGGER
	7,450	SY FOUNDATION CONDITIONING GEOTEXTILE	50	EA	SKINNY DRUM
	28	LF 15" SIDE DRAIN PIPE	201	EA	TEMPORARY RAISED PAVEMENT MARKERS
	168	LF ***** RC PIPE CULVERTS, CLASS IV (54")	1,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	1,404	LF 15" RC PIPE CULVERTS, CLASS IV	17,981	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	5,540	LF 18" RC PIPE CULVERTS, CLASS IV	160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
	1,668	LF 24" RC PIPE CULVERTS, CLASS IV	70	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
	1,440	LF 30" RC PIPE CULVERTS, CLASS IV	47	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
	88	LF 42" RC PIPE CULVERTS, CLASS IV	21,238	LF	PAINT PAVEMENT MARKING LINES (4")
	2,391	LF PIPE REMOVAL	160	LF	PAINT PAVEMENT MARKING LINES (12")
Lump Sum	LS	FINE GRADING	70	LF	PAINT PAVEMENT MARKING LINES (24")
	500	TON CLASS IV SUBGRADE STABILIZATION	47	EA	PAINT PAVEMENT MARKING SYMBOL
	50	TON CLASS IV AGGREGATE STABILIZATION	201	EA	PERMANENT RAISED PAVEMENT MARKERS
	150	TON INCIDENTAL STONE BASE	177	LF	6" WATER LINE
	100	SY INCIDENTAL MILLING	58	LF	8" WATER LINE
	3,540	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	2,827	LF	12" WATER LINE
	3,445	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2	EA	6" VALVE
	4,700	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1	EA	8" VALVE
	605	TON ASPHALT BINDER FOR PLANT MIX	3	EA	12" VALVE
	305	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	32	EA	RELOCATE WATER METER
	94	EA RIGHT OF WAY MARKERS	14	EA	RECONNECT WATER METER
	112	CY SUBDRAIN EXCAVATION	10	EA	RELOCATE FIRE HYDRANT
	84	CY SUBDRAIN FINE AGGREGATE	212	LF	8" SANITARY GRAVITY SEWER
	500	LF 6" PERFORATED SUBDRAIN PIPE	2,443	LF	12" FORCE MAIN SEWER
	1	EA SUBDRAIN PIPE OUTLET	46	EA	SANITARY SEWER CLEAN-OUT
	6	LF 6" OUTLET PIPE	6	EA	4' DIA UTILITY MANHOLE
	14.6	CY REINFORCED ENDWALLS	5	EA	5' DIA UTILITY MANHOLE
	1.105	CY PIPE COLLARS	25	LF	UTILITY MANHOLE WALL, 4' DIA
	171	EA MASONRY DRAINAGE STRUCTURES	50	LF	UTILITY MANHOLE WALL, 5' DIA
	4,755	CY MASONRY DRAINAGE STRUCTURES	7	EA	ABANDON UTILITY MANHOLE
	76.6	LF MASONRY DRAINAGE STRUCTURES	1	EA	GENERIC UTILITY ITEM RELOCATE WATER METER WITH BACKFLOW PREVENTER
	56	EA FRAME WITH TWO GRATES, STD 840.16	1	EA	GENERIC UTILITY ITEM RELOCATE WATER MONITORING STATION
	1	EA FRAME WITH TWO GRATES, STD 840.29	4,970	LB	GENERIC UTILITY ITEM DUCTILE IRON WATER PIPE FITTINGS
	15	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	15,120	LF	TEMPORARY SILT FENCE
	50	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	420	TON	STONE FOR EROSION CONTROL, CLASS A
	50	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	515	TON	STONE FOR EROSION CONTROL, CLASS B
	2	EA FRAME WITH COVER, STD 840.54	1,260	TON	SEDIMENT CONTROL STONE
	12,000	LF 2'-6" CONCRETE CURB & GUTTER	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
1,900	CY	SILT EXCAVATION
6,800	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
5,310	LF	1/4" HARDWARE CLOTH
55	SY	LOW PERMEABILITY GEOTEXTILE
814	LF	COIR FIBER WATTLE
991.5	LF	COIR FIBER WATTLE BARRIER
225	LB	POLYACRYLAMIDE (PAM)
20	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
1	EA	*** SKIMMER (2")
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
60	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
20	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
525	LF	SIGNAL CABLE
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
28	LF	UNPAVED TRENCHING (***** (1, 2")
1	EA	JUNCTION BOX (STANDARD SIZE)
500	LF	INDUCTIVE LOOP SAWCUT
120	LF	LEAD-IN CABLE (***** (14-2)
1	EA	SIGN FOR SIGNALS



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

L180320 004

CONTRACT ID : C204138 45880.3.1

DIV OFFICE WILSON

LENGTH = 7.700 MI

COUNTY : WILSON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.0% COMPLETION DATE : JUN 01 2019

I-795 FROM WAYNE COUNTY LINE TO SR-1103.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
9.13	SMI	MOBILIZATION SHOULDER RECONSTRUCTION
1,826	TON	AGGREGATE SHOULDER BORROW
95,803	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
94,515	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
107,149	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (2" TO 4-1/2")
18,322	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
34,206	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
228	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
895	TON	ASPHALT BINDER FOR PLANT MIX
2,754	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
13,186	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
160,723	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
400	SF	WORK ZONE SIGNS (STATIONARY)
8	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
400	HR	LAW ENFORCEMENT
256	EA	GENERIC TRAFFIC CONTROL ITEM LANE CLOSURE
8	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURE
183,102	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
20,970	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
5,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
30	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)
203,222	LF	PAINT PAVEMENT MARKING LINES (6")
5,200	LF	PAINT PAVEMENT MARKING LINES (12")
30	EA	PAINT PAVEMENT MARKING SYMBOL
4,430	LF	POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)
4,430	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1,328	EA	SNOWPLOWABLE PAVEMENT MARKERS
400	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 005

CONTRACT ID : C203981 44401.3.1

DIV OFFICE DURHAM

LENGTH = 1.649 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND SIGNALS.

MBE GOAL 5.0% WBE 7.0% COMPLETION DATE : MAY 13 2020

MCCRIMMON PARKWAY FROM SR-3015 (AIRPORT BOULEVARD) TO SR-1002 (AVIATION PARKWAY) IN MORRISVILLE.

		ROADWAY ITEMS				
				6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
Lump Sum	LS	MOBILIZATION		37	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
Lump Sum	LS	CONSTRUCTION SURVEYING		64	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)		2	EA	FRAME WITH COVER, STD 840.54
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING		30	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
171,940	CY	UNCLASSIFIED EXCAVATION		10	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
8,480	CY	UNDERCUT EXCAVATION		14,900	LF	1'-6" CONCRETE CURB & GUTTER
20	CY	DRAINAGE DITCH EXCAVATION		18,300	LF	2'-6" CONCRETE CURB & GUTTER
2,050	LF	BERM DITCH CONSTRUCTION		15,500	SY	4" CONCRETE SIDEWALK
870	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT		27	EA	CONCRETE CURB RAMP
16	HR	PROOF ROLLING		160	SY	6" CONCRETE DRIVEWAY
10,690	CY	SELECT GRANULAR MATERIAL		22	SY	4" CONCRETE PAVED DITCH
25,680	SY	GEOTEXTILE FOR SOIL STABILIZATION		1,090	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1,090	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		8	EA	ADJUSTMENT OF MANHOLES
3,420	SY	FOUNDATION CONDITIONING GEOTEXTILE		17	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
100	LF	15" DRAINAGE PIPE		1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE
156	LF	18" DRAINAGE PIPE		75	LF	STEEL BM GUARDRAIL
100	LF	24" DRAINAGE PIPE		1	EA	ADDITIONAL GUARDRAIL POSTS
220	LF	30" DRAINAGE PIPE		1	EA	GUARDRAIL END UNITS, TYPE TL-3
232	LF	36" DRAINAGE PIPE		102	LF	REMOVE EXISTING GUARDRAIL
76	LF	42" DRAINAGE PIPE		210	TON	RIP RAP, CLASS I
4	EA	*** DRAINAGE PIPE ELBOWS (15")		330	TON	RIP RAP, CLASS B
4	EA	*** DRAINAGE PIPE ELBOWS (18")		4,360	SY	GEOTEXTILE FOR DRAINAGE
28	LF	15" RC PIPE CULVERTS, CLASS III		2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
292	LF	18" RC PIPE CULVERTS, CLASS III		375	SF	CONTRACTOR FURNISHED, TYPE *** (E)
200	LF	24" RC PIPE CULVERTS, CLASS III		25	SF	CONTRACTOR FURNISHED, TYPE *** (F)
1,616	LF	30" RC PIPE CULVERTS, CLASS III		1,125	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
976	LF	36" RC PIPE CULVERTS, CLASS III		76	EA	SIGN ERECTION, TYPE E
4,152	LF	15" RC PIPE CULVERTS, CLASS IV		3	EA	SIGN ERECTION, TYPE F
2,760	LF	18" RC PIPE CULVERTS, CLASS IV		9	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
784	LF	24" RC PIPE CULVERTS, CLASS IV		7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
48	LF	30" RC PIPE CULVERTS, CLASS IV		9	EA	DISPOSAL OF SUPPORT, U-CHANNEL
560	LF	PIPE REMOVAL		182	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	FINE GRADING		102	SF	WORK ZONE SIGNS (PORTABLE)
36,900	TON	AGGREGATE BASE COURSE		204	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
250	TON	INCIDENTAL STONE BASE		5	EA	PORTABLE CHANGEABLE MESSAGE SIGN
290	CY	SHOULDER BORROW		365	EA	DRUMS
23,250	GAL	PRIME COAT		15	EA	CONES
810	SY	MILLING ASPHALT PAVEMENT, *** (1-1/2") DEPTH		376	LF	BARRICADES (TYPE III)
1,680	SY	INCIDENTAL MILLING		40	HR	FLAGGER
1,790	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		40	HR	LAW ENFORCEMENT
13,510	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		39	EA	TEMPORARY RAISED PAVEMENT MARKERS
11,470	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		4,875	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,405	TON	ASPHALT BINDER FOR PLANT MIX		24,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,390	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		2,675	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
34	CY	SUBDRAIN EXCAVATION		1,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
17	CY	SUBDRAIN FINE AGGREGATE		1,010	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
100	LF	6" PERFORATED SUBDRAIN PIPE		500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
1	EA	SUBDRAIN PIPE OUTLET		1	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
6	LF	6" OUTLET PIPE		150	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3.4	CY	ENDWALLS				
1	CY	PIPE COLLARS				
121	EA	MASONRY DRAINAGE STRUCTURES				
145.3	LF	MASONRY DRAINAGE STRUCTURES				
12	EA	FRAME WITH TWO GRATES, STD 840.16				
1	EA	FRAME WITH TWO GRATES, STD 840.24				

7,885	LF	PAINT PAVEMENT MARKING LINES (4")	945	LF	*** TEMPORARY PIPE (24")
70	LF	PAINT PAVEMENT MARKING LINES (24")	350	LF	TEMPORARY PIPE FOR STREAM CROSSING
8	EA	PAINT PAVEMENT MARKING CHARACTER	18	EA	SPECIAL STILLING BASINS
20	EA	PAINT PAVEMENT MARKING SYMBOL	30	LB	POLYACRYLAMIDE (PAM)
410	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	2,010	LF	COIR FIBER BAFFLE
90	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	9	EA	*** SKIMMER (1-1/2")
7	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	5	EA	*** SKIMMER (2")
105	EA	PERMANENT RAISED PAVEMENT MARKERS	3	EA	*** SKIMMER (3")
80	LF	16" WATER LINE	2	EA	*** SKIMMER (4")
3	EA	RELOCATE WATER METER	30	ACR	SEEDING & MULCHING
5	EA	RELOCATE FIRE HYDRANT	27	ACR	MOWING
65	LF	ABANDON 16" UTILITY PIPE	450	LB	SEED FOR REPAIR SEEDING
19	EA	GENERIC UTILITY ITEM 12" GATE VALVE ASSEMBLY	1.25	TON	FERTILIZER FOR REPAIR SEEDING
1	EA	GENERIC UTILITY ITEM 12" x 16" TAPPING SLEEVE AND VALVE ASSEMBLY	700	LB	SEED FOR SUPPLEMENTAL SEEDING
3	EA	GENERIC UTILITY ITEM 6" GATE VALVE ASSEMBLY	21	TON	FERTILIZER TOPDRESSING
7	EA	GENERIC UTILITY ITEM 8" GATE VALVE ASSEMBLY	30	LF	IMPERVIOUS DIKE
11	EA	GENERIC UTILITY ITEM BLOW OFF ASSEMBLY	10	MHR	SPECIALIZED HAND MOWING
3	EA	GENERIC UTILITY ITEM CONNECTION TO EXISTING WATER-LINE	100	EA	RESPONSE FOR EROSION CONTROL
1	EA	GENERIC UTILITY ITEM CUT AND CAP EXISTING WATER LINE	3	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
9	EA	GENERIC UTILITY ITEM FIRE HYDRANT ASSEMBLY	20	EA	GENERIC EROSION CONTROL ITEM FILTER SACK INLET PROTECTION
1	EA	GENERIC UTILITY ITEM REUSE TEMPORARY INTERCONNECT	50	EA	GENERIC EROSION CONTROL ITEM FILTER SACK INLET PROTECTION CLEANOUT
7,488	LF	GENERIC UTILITY ITEM 12" DIA C900 RJ PVC REUSE WATER MAIN	20	EA	GENERIC EROSION CONTROL ITEM SEDIMENT TUBE
8,218	LF	GENERIC UTILITY ITEM 12" DIA DUCTILE IRON, CLASS 350 WATER MAIN	472	EA	GENERIC PLANTING ITEM HEMEROCALLIS X 'AZTEC GOLD' (#1 CONT.)
1,401	LF	GENERIC UTILITY ITEM 12" RESTRAINED JOINT ADDER FOR DI WATER MAIN	92	EA	GENERIC PLANTING ITEM ILEX CORNUTA 'CARISSA' (#5 CONT 24")
135	LF	GENERIC UTILITY ITEM 16" DIA STEEL CASING	357	EA	GENERIC PLANTING ITEM ILEX GLABRA 'COMPACTA' (#3 CONT 18")
103	LF	GENERIC UTILITY ITEM 6" DIA C900 RJ PVC REUSE WATER MAIN	357	EA	GENERIC PLANTING ITEM ILEX VOMITORIA 'SCHILLINGS DWARF' (#3 CONT 18")
44	LF	GENERIC UTILITY ITEM 6" DIA DUCTILE IRON, CLASS 350 WATER MAIN	2,755	EA	GENERIC PLANTING ITEM LIRIOPE MUSCARI 'EVERGREEN GIANT' (#1 CONT)
44	LF	GENERIC UTILITY ITEM 6" RESTRAINED JOINT ADDER FOR DI WATER MAIN	760	EA	GENERIC PLANTING ITEM MUHLENBERGIA CAPILLARIS (#1 CONT 24")
637	LF	GENERIC UTILITY ITEM 8" DIA C900 RJ PVC REUSE WATER MAIN	457	EA	GENERIC PLANTING ITEM PANICUM VIRGATUM 'SHENENDOAH' (#1 CONT 24")
155	LF	GENERIC UTILITY ITEM 8" DIA DUCTILE IRON, CLASS 350 WATER MAIN	167	EA	GENERIC PLANTING ITEM PENNISETUM ALOPECUROIDES 'HAMELN' (#1 CONT 18")
155	LF	GENERIC UTILITY ITEM 8" RESTRAINED JOINT ADDER FOR DI WATER MAIN	125	EA	GENERIC PLANTING ITEM PRUNUS X OKAME (B & B 2.5" CAL 8-10')
14,880	LB	GENERIC UTILITY ITEM DUCTILE IRON FITTINGS	368	CY	MULCH FOR PLANTING
Lump Sum	LS	GENERIC UTILITY ITEM REMOVE METER VAULT	7,657	SY	GENERIC PLANTING ITEM CYNODON DACTYLON 'TIFGRAND'
53,520	LF	TEMPORARY SILT FENCE	2,132	CY	TOPSOIL
150	TON	STONE FOR EROSION CONTROL, CLASS A	16	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
2,720	TON	STONE FOR EROSION CONTROL, CLASS B	6,050	LF	SIGNAL CABLE
25,110	TON	SEDIMENT CONTROL STONE	22	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
42.5	ACR	TEMPORARY MULCHING	9	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
2,100	LB	SEED FOR TEMPORARY SEEDING	5	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
11	TON	FERTILIZER FOR TEMPORARY SEEDING	1,620	LF	MESSENGER CABLE (3/8")
200	LF	TEMPORARY SLOPE DRAINS	625	LF	TRACER WIRE
400	LF	SAFETY FENCE	3,105	LF	UNPAVED TRENCHING (*****) (2, 2")
131,770	CY	SILT EXCAVATION	340	LF	DIRECTIONAL DRILL (*****) (2, 2")
29,370	SY	MATTING FOR EROSION CONTROL	28	EA	JUNCTION BOX (STANDARD SIZE)
230	SY	COIR FIBER MAT	4	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
2,125	SY	PERMANENT SOIL REINFORCEMENT MAT	2	EA	WOOD POLE
7,700	LF	1/4" HARDWARE CLOTH	2	EA	GUY ASSEMBLY
765	LF	*** TEMPORARY PIPE (18")	1	EA	2" RISER WITH WEATHERHEAD
			4,560	LF	INDUCTIVE LOOP SAWCUT
			15,350	LF	LEAD-IN CABLE (*****) (14-2)
			760	LF	COMMUNICATIONS CABLE (**FIBER) (36)
			2,640	LF	DROP CABLE
			2	EA	SPLICE ENCLOSURE
			2	EA	MODIFY SPLICE ENCLOSURE
			2	EA	INTERCONNECT CENTER
			4	EA	DELINEATOR MARKER

8	EA	METAL STRAIN SIGNAL POLE
8	EA	SOIL TEST
48	CY	DRILLED PIER FOUNDATION
9	EA	SIGN FOR SIGNALS
15	EA	TYPE I POST WITH FOUNDATION
5	EA	TYPE II PEDESTAL WITH FOUNDATION
2	EA	SIGNAL CABINET FOUNDATION
18	EA	DETECTOR CARD (NEMA TS-2)
2	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (NEMA TS-2, 2070 CONTROLLER, TYPE I CABINET, BASE MTD.)
2	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 006

CONTRACT ID : C204128 2018CPT.05.14.10911.1 DIV OFFICE DURHAM

LENGTH = 35.064 MI

COUNTY : VANCE, GRANVILLE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : JUN 30 2019

1 SECTION OF US-1 BUS AND 39 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,851	CY	BORROW EXCAVATION
15	TON	GENERIC GRADING ITEM REPAIR EXISTING AGGREGATE BASE COURSE
59.12	SMI	GENERIC GRADING ITEM SHOULDER GRADING
1	MSY	CONDITIONING EXISTING BASE
1,750	TON	INCIDENTAL STONE BASE
3,586	TON	AGGREGATE SHOULDER BORROW
494	GAL	PRIME COAT
57,075	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
153	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
6,450	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 4")
16,853	SY	INCIDENTAL MILLING
869	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
4,960	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
37,161	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,353	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
785	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
2,823	TON	ASPHALT BINDER FOR PLANT MIX
1,427	TON	PATCHING EXISTING PAVEMENT
15	EA	ADJUSTMENT OF DROP INLETS
15	EA	ADJUSTMENT OF MANHOLES
17	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,634	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
340,916	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
335,267	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
453	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
245	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,104	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
115	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
68,692	LF	PAINT PAVEMENT MARKING LINES (4")
250	LF	PAINT PAVEMENT MARKING LINES (8")
245	LF	PAINT PAVEMENT MARKING LINES (12")
307	LF	PAINT PAVEMENT MARKING LINES (24")
90	EA	PAINT PAVEMENT MARKING SYMBOL
2,117	LF	TEMPORARY SILT FENCE
5,450	LF	WATTLE
21.16	ACR	SEEDING & MULCHING
2,710	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 007

CONTRACT ID : C204143 2018CPT.05.15.10351.1 DIV OFFICE DURHAM

LENGTH = 53.109 MI

COUNTY : FRANKLIN, WARREN

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 6.0% COMPLETION DATE : AUG 01 2019

1 SECTION OF NC-56, AND 41 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,211	CY	BORROW EXCAVATION
105.17	SMI	GENERIC GRADING ITEM SHOULDER GRADING
2,638	TON	INCIDENTAL STONE BASE
1,087	TON	AGGREGATE SHOULDER BORROW
4,940	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
6,733	SY	INCIDENTAL MILLING
2,925	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
53,953	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,755	TON	ASPHALT BINDER FOR PLANT MIX
2,600	TON	PATCHING EXISTING PAVEMENT
7	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
5,948	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
524,340	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
466,719	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
510	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
117	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,160	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
38,922	LF	PAINT PAVEMENT MARKING LINES (4")
2,160	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,316	EA	SNOWPLOWABLE PAVEMENT MARKERS
6,736	LF	TEMPORARY SILT FENCE
17,040	LF	WATTLE
67.36	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L180320 008

CONTRACT ID : C204076 38389.3.3

DIV OFFICE FAYETTEVILLE

LENGTH = 1.087 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : NOV 28 2020

BRIDGE #22 OVER I-95BUS/US-301 ON NC-59.

ROADWAY ITEMS

			26.1	CY	ENDWALLS			
			5	CY	REINFORCED ENDWALLS			
			16	CY	FLOWABLE FILL			
			73	EA	MASONRY DRAINAGE STRUCTURES			
Lump Sum	LS	MOBILIZATION	4,226	CY	MASONRY DRAINAGE STRUCTURES			
Lump Sum	LS	CONSTRUCTION SURVEYING	39.5	LF	MASONRY DRAINAGE STRUCTURES			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	1	EA	FRAME WITH GRATE, STD 840.24			
	2	ACR	21	EA	FRAME WITH TWO GRATES, STD 840.16			
		SUPPLEMENTARY CLEARING & GRUB-BING	24	EA	FRAME WITH TWO GRATES, STD 840.20			
28,000	CY	UNCLASSIFIED EXCAVATION	2	EA	FRAME WITH TWO GRATES, STD 840.22			
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (55+88.11 -L-)	10	EA	FRAME WITH TWO GRATES, STD 840.24			
			7	EA	FRAME WITH TWO GRATES, STD 840.29			
2,000	CY	UNDERCUT EXCAVATION	4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
261,000	CY	BORROW EXCAVATION	5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
8,560	CY	DRAINAGE DITCH EXCAVATION	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
36,700	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	32	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET			
	14	HR	1,190	LF	***,*** CONCRETE CURB & GUTTER (2'-9")			
	2,000	CY	4,310	LF	1'-6" CONCRETE CURB & GUTTER			
	3,550	SY	1,210	LF	2'-6" CONCRETE CURB & GUTTER			
		GEOTEXTILE FOR SOIL STABILIZA-TION	380	LF	SHOULDER BERM GUTTER			
	6,592	SF	820	LF	CONCRETE EXPRESSWAY GUTTER			
	50	TON	180	SY	6" CONCRETE DRIVEWAY			
		TEMPORARY SHORING	3,200	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
		GENERIC GRADING ITEM	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
		HAULING & DISPOSAL OF PETRO-LEUM CONTAMINATED SOIL	1,125	LF	STEEL BEAM GUARDRAIL			
1,214	TON	FOUNDATION CONDITIONING MATE-RIAL, MINOR STRUCTURES	62.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED			
4,004	SY	FOUNDATION CONDITIONING GEO-TEXTILE	20	EA	ADDITIONAL GUARDRAIL POSTS			
	516	LF	1	EA	GUARDRAIL END UNITS, TYPE AT-1			
	40	LF	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
	24	LF	3	EA	GUARDRAIL END UNITS, TYPE TL-3			
	308	LF	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
	8	EA	1,360	LF	REMOVE EXISTING GUARDRAIL			
		*** DRAINAGE PIPE ELBOWS (15")	9,540	LF	WOVEN WIRE FENCE, 47" FABRIC			
	308	LF	600	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
	704	LF	160	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
	332	LF	350	LF	CHAIN LINK FENCE, 48" FABRIC			
	368	LF	36	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE			
		***** RC PIPE CULVERTS, CLASS IV (48")	46	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE			
	176	LF	2	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, DOUBLE GATE (48")			
		***** RC PIPE CULVERTS, CLASS IV (54")	10	LF	ADDITIONAL BARBED WIRE			
			1	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (48", 8', 16')			
	4,080	LF	440	TON	RIP RAP, CLASS I			
	76	LF	30	TON	RIP RAP, CLASS B			
	708	LF	2,085	SY	GEOTEXTILE FOR DRAINAGE			
	740	LF	4	CY	REINFORCED CONCRETE SIGN FOUN-DATIONS			
	1,188	LF	1	CY	PLAIN CONCRETE SIGN FOUNDA-TIONS			
	1,240	LF	5,281	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
	2,718	LF	2,034	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
Lump Sum	LS	FINE GRADING	6	EA	SIGN ERECTION, TYPE D			
	350	CY	105	EA	SIGN ERECTION, TYPE E			
	700	TON	22	EA	SIGN ERECTION, TYPE F			
		SHALLOW UNDERCUT						
		CLASS IV SUBGRADE STABILIZA-TION						
14,540	TON	AGGREGATE BASE COURSE						
150	TON	INCIDENTAL STONE BASE						
1,720	SY	INCIDENTAL MILLING						
16,830	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C						
17,890	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C						
7,460	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B						
11,610	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C						
2,735	TON	ASPHALT BINDER FOR PLANT MIX						
170	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR						
103	LF	GENERIC PAVING ITEM						
		MEDIAN HAZARD PROTECTION						
3,360	CY	SUBDRAIN EXCAVATION						
10,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS						
1,680	CY	SUBDRAIN COARSE AGGREGATE						
10,000	LF	6" PERFORATED SUBDRAIN PIPE						
20	EA	SUBDRAIN PIPE OUTLET						
120	LF	6" OUTLET PIPE						

			104	LF	ABANDON 12" UTILITY PIPE
			712	LF	ABANDON 16" UTILITY PIPE
			1	EA	REMOVE UTILITY MANHOLE
6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	260	LF	24" ENCASUREMENT PIPE
			159	LF	30" ENCASUREMENT PIPE
3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	17,700	LF	TEMPORARY SILT FENCE
			660	TON	STONE FOR EROSION CONTROL, CLASS A
7	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	5,040	TON	STONE FOR EROSION CONTROL, CLASS B
86	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	2,630	TON	SEDIMENT CONTROL STONE
1,328	SF	WORK ZONE SIGNS (STATIONARY)	81	ACR	TEMPORARY MULCHING
1,473	SF	WORK ZONE SIGNS (PORTABLE)	5,200	LB	SEED FOR TEMPORARY SEEDING
494	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	27.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
			800	LF	TEMPORARY SLOPE DRAINS
3	EA	FLASHING ARROW BOARD	200	LF	SAFETY FENCE
6	EA	PORTABLE CHANGEABLE MESSAGE SIGN	9,300	CY	SILT EXCAVATION
40	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	20,000	SY	MATTING FOR EROSION CONTROL
			165	SY	COIR FIBER MAT
500	EA	DRUMS	700	SY	PERMANENT SOIL REINFORCEMENT MAT
600	LF	BARRICADES (TYPE III)	2,130	LF	1/4" HARDWARE CLOTH
779	DAY	FLAGGER	430	SY	LOW PERMEABILITY GEOTEXTILE
6	EA	TEMPORARY CRASH CUSHIONS	1,740	LF	COIR FIBER WATTLE
3	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	630	LB	POLYACRYLAMIDE (PAM)
			3,600	LF	COIR FIBER BAFFLE
5	EA	TMA	16	EA	*** SKIMMER (1-1/2")
2,886	LF	PORTABLE CONCRETE BARRIER	2	EA	*** SKIMMER (2")
2,964	LF	REMOVE & RESET PORTABLE CONC- RETE BARRIER	90	ACR	SEEDING & MULCHING
80	HR	LAW ENFORCEMENT	45	ACR	MOWING
2,000	EA	TEMPORARY RAISED PAVEMENT MARKERS	850	LB	SEED FOR REPAIR SEEDING
37,770	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	2.75	TON	FERTILIZER FOR REPAIR SEEDING
30,157	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	2,200	LB	SEED FOR SUPPLEMENTAL SEEDING
21,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	65.5	TON	FERTILIZER TOPDRESSING
			10	MHR	SPECIALIZED HAND MOWING
3,102	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	15	EA	RESPONSE FOR EROSION CONTROL
			10	EA	CONCRETE WASHOUT STRUCTURE
2,298	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	6,330	LF	SIGNAL CABLE
			48	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
341	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	5	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1,663	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
775	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	405	LF	MESSENGER CABLE (1/4")
			3,180	LF	MESSENGER CABLE (3/8")
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	4,610	LF	TRACER WIRE
132	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	80	LF	PAVED TRENCHING (***** (1, 2")
1,140	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	2,580	LF	UNPAVED TRENCHING (***** (1, 2")
1,740	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	2,765	LF	UNPAVED TRENCHING (***** (2, 2")
268,082	LF	PAINT PAVEMENT MARKING LINES (4")	1,565	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
4,578	LF	PAINT PAVEMENT MARKING LINES (8")	1,885	LF	DIRECTIONAL DRILL (***** (2, 2")
2,450	LF	PAINT PAVEMENT MARKING LINES (24")	29	EA	JUNCTION BOX (STANDARD SIZE)
40	EA	PAINT PAVEMENT MARKING CHARAC- TER	15	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
116	EA	PAINT PAVEMENT MARKING SYMBOL	10	EA	WOOD POLE
13,268	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	19	EA	GUY ASSEMBLY
			3	EA	1" RISER WITH WEATHERHEAD
35	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	7	EA	2" RISER WITH WEATHERHEAD
2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	5,655	LF	INDUCTIVE LOOP SAWCUT
812	EA	PERMANENT RAISED PAVEMENT MARKERS	16,645	LF	LEAD-IN CABLE (***** (14-2)
36	EA	FLEXIBLE DELINEATORS (CRYSTAL)	425	LF	COMMUNICATIONS CABLE (**FIBER) (12)
26	EA	FLEXIBLE DELINEATORS (YELLOW)	4,990	LF	COMMUNICATIONS CABLE (**FIBER) (24)
10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)	5	EA	SPLICE ENCLOSURE
			5	EA	INTERCONNECT CENTER
140	LF	8" WATER LINE	15	EA	DELINEATOR MARKER
702	LF	16" WATER LINE	16	EA	METAL STRAIN SIGNAL POLE
7,310	LB	DUCTILE IRON WATER PIPE FITTINGS	16	EA	SOIL TEST
			112	CY	DRILLED PIER FOUNDATION
4	EA	16" VALVE	4	EA	SIGNAL CABINET FOUNDATION
2	EA	2" BLOW OFF	4	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
1	EA	RELOCATE WATER METER	4	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
2	EA	RECONNECT WATER METER	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
1	EA	RELOCATE FIRE HYDRANT	39	EA	DETECTOR CARD (TYPE 2070L)
351	LF	12" SANITARY GRAVITY SEWER	4	EA	CABINET BASE EXTENDER
2	EA	4' DIA UTILITY MANHOLE	4	EA	GENERIC SIGNAL ITEM
12	LF	UTILITY MANHOLE WALL 4' DIA			ETHERNET EDGE SWITCH



1 EA GENERIC SIGNAL ITEM  
MICROWAVE VEHICLE DETECTOR,  
SINGLE ZONE

### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (55+88.11 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 55+88.11 -L-)
17,424	SF	REINFORCED CONCRETE DECK SLAB
20,636	SF	GROOVING BRIDGE FLOORS
319.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (55+88.11 -L-)
54,044	LB	REINFORCING STEEL (BRIDGE)
2,122	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,676.25	LF	54" PRESTRESSED CONCRETE GIR- DERS
74	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
5,375	LF	HP12X53 STEEL PILES
38	EA	PILE REDRIVES
360.43	LF	TWO BAR METAL RAIL
376.39	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-2 3/4")
581.5	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS

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

L180320 009

CONTRACT ID : C204120 53057.3.1

DIV OFFICE GREENSBORO

LENGTH = 1.874 MI

COUNTY : GUILFORD

PAVEMENT REHABILITATION.

DBE GOAL 8.0% COMPLETION DATE : OCT 01 2018

I-85 FROM 1 MILE SOUTH OF SR-1129 TO 0.3 MILES NORTH OF SR-1129 IN GREENSBORO.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
330	TON	INCIDENTAL STONE BASE
205,820	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,650	SY	INCIDENTAL MILLING
17,320	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
1,405	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
6,876	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
50	TON	PATCHING EXISTING PAVEMENT
14,438	SY	ASPHALT SURFACE TREATMENT, FOG SEAL
49,691	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
8	EA	GENERIC DRAINAGE ITEM DRAINAGE STRUCTURE REPAIR
9	EA	GENERIC DRAINAGE ITEM REMOVE & REPLACE CONC APRON
8	SY	4" CONCRETE PAVED DITCH
5	TON	RIP RAP, CLASS B
14	SY	GEOTEXTILE FOR DRAINAGE
270	SF	WORK ZONE SIGNS (STATIONARY)
224	SF	WORK ZONE SIGNS (PORTABLE)
26	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	FLASHING ARROW BOARD
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
8	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
5	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
15	EA	WORK ZONE PRESENCE LIGHTING
276	EA	DRUMS
32	EA	SEQUENTIAL FLASHING WARNING LIGHTS
64	LF	BARRICADES (TYPE III)
2	EA	TMA
68,078	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
19,898	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
7,124	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
1,771	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
48	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
40	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
33	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
158,733	LF	PAINT PAVEMENT MARKING LINES (6")
17,790	LF	PAINT PAVEMENT MARKING LINES (12")
48	LF	PAINT PAVEMENT MARKING LINES (24")
80	EA	PAINT PAVEMENT MARKING CHARAC- TER
63	EA	PAINT PAVEMENT MARKING SYMBOL
9	EA	GENERIC PAVEMENT MARKING ITEM IN LANE ROUTE SHIELDS (I-85)
1,749	EA	SNOWPLOWABLE PAVEMENT MARKERS
77	EA	GENERIC TRAFFIC CONTROL ITEM REPLACEMENT OF EXISTING BARRIER DELINEATORS
Lump Sum	LS	PORTABLE LIGHTING
90	LF	WATTLE
350	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 010

CONTRACT ID : C204136 2018CPT.08.06.20761 DIV OFFICE WINSTON-SALEM

LENGTH = 31.668 MI

COUNTY : DAVIDSON, RANDOLPH

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : OCT 26 2019

4 SECTIONS OF NC-8, 2 SECTIONS OF NC-109, 1 SECTION OF NC-47 AND NC-150, AND 20 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,851	CY	BORROW EXCAVATION
2,533	TON	INCIDENTAL STONE BASE
46.78	SMI	SHOULDER RECONSTRUCTION
304,906	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
3,153	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
3,422	SY	INCIDENTAL MILLING
3,875	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
50,983	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,320	TON	ASPHALT BINDER FOR PLANT MIX
613	TON	PATCHING EXISTING PAVEMENT
26	EA	ADJUSTMENT OF DROP INLETS
100	EA	ADJUSTMENT OF MANHOLES
106	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,173	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
200,317	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
209,661	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
765	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
387	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
151	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,814	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
50	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
248	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
254,295	LF	PAINT PAVEMENT MARKING LINES (4")
2,617	LF	PAINT PAVEMENT MARKING LINES (8")
301	LF	PAINT PAVEMENT MARKING LINES (12")
250	LF	PAINT PAVEMENT MARKING LINES (16")
1,556	LF	PAINT PAVEMENT MARKING LINES (24")
50	EA	PAINT PAVEMENT MARKING CHARAC- TER
226	EA	PAINT PAVEMENT MARKING SYMBOL
196,086	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
3,522	LF	POLYUREA PAVEMENT MARKING LINES (8", 20 MILS)
5,616	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
985	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
9,504	LF	TEMPORARY SILT FENCE
947	LF	WATTLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 011

CONTRACT ID : C204140 2018CPT.09.01.10291.1 DIV OFFICE WINSTON-SALEM

LENGTH = 39.458 MI

COUNTY : DAVIDSON, FORSYTH

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : MAY 03 2020

2 SECTIONS OF NC-65, 1 SECTION OF NC-150, NC-66, AND NC-67, AND 12 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,428	CY	BORROW EXCAVATION
2,004	TON	INCIDENTAL STONE BASE
57.24	SMI	SHOULDER RECONSTRUCTION
628,648	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
12,938	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
19,117	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
1,867	SY	INCIDENTAL MILLING
537	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
67,847	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4,035	TON	ASPHALT BINDER FOR PLANT MIX
648	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF DROP INLETS
156	EA	ADJUSTMENT OF MANHOLES
112	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,402	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
192	HR	LAW ENFORCEMENT
108,570	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
150,861	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
464	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,434	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
3,205	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
2,739	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
92	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
486	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
30	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)
674,432	LF	PAINT PAVEMENT MARKING LINES (4")
6,342	LF	PAINT PAVEMENT MARKING LINES (8")
3,205	LF	PAINT PAVEMENT MARKING LINES (12")
2,828	LF	PAINT PAVEMENT MARKING LINES (24")
64	EA	PAINT PAVEMENT MARKING CHARAC- TER
277	EA	PAINT PAVEMENT MARKING SYMBOL
464,376	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
4,315	LF	POLYUREA PAVEMENT MARKING LINES (8", 20 MILS)
220	LF	POLYUREA PAVEMENT MARKING LINES (12", 20 MILS)
3,177	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
30	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
2,057	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
11,429	LF	TEMPORARY SILT FENCE
1,142	LF	WATTLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 012

CONTRACT ID : C204141 2018CPT.09.07.10801 DIV OFFICE WINSTON-SALEM

LENGTH = 23.914 MI

COUNTY : ROWAN

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : JUL 19 2019

2 SECTIONS OF US-52, AND 13 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,198	CY	BORROW EXCAVATION
1,941	TON	INCIDENTAL STONE BASE
36.65	SMI	SHOULDER RECONSTRUCTION
291,552	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
18,515	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
9,457	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
1,884	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5-1/2")
1,843	SY	INCIDENTAL MILLING
699	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
2,471	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
37,703	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,412	TON	ASPHALT BINDER FOR PLANT MIX
99	TON	PATCHING EXISTING PAVEMENT
6	EA	ADJUSTMENT OF DROP INLETS
112	EA	ADJUSTMENT OF MANHOLES
62	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,567	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
320	HR	LAW ENFORCEMENT
182,335	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
203,456	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
585	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
744	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
1,210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
44	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
194	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
320,500	LF	PAINT PAVEMENT MARKING LINES (4")
1,905	LF	PAINT PAVEMENT MARKING LINES (8")
355	LF	PAINT PAVEMENT MARKING LINES (12")
719	LF	PAINT PAVEMENT MARKING LINES (24")
44	EA	PAINT PAVEMENT MARKING CHARAC- TER
194	EA	PAINT PAVEMENT MARKING SYMBOL
89,331	LF	POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
616	LF	POLYUREA PAVEMENT MARKING LINES (8", 20 MILS)
792	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
7,329	LF	TEMPORARY SILT FENCE
733	LF	WATTLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 013

CONTRACT ID : C204126 47618.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.632 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, AND SIGNALS.

MBE GOAL 6.0% WBE 6.0% COMPLETION DATE : DEC 13 2019

INTERSECTION OF NC-16 (BROOKSHIRE BLVD) AND SR-2004 (MOUNT HOLLY HUNTERSVILLE RD).

ROADWAY ITEMS					
			16	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			4,250	LF	2'-6" CONCRETE CURB & GUTTER
			5	EA	CONCRETE CURB RAMPS
			760	SY	4" CONCRETE ISLAND COVER
			2,650	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1,180	SY	GENERIC PAVING ITEM
					4" CONCRETE MULTIUSE PATH
			1	EA	ADJUSTMENT OF CATCH BASINS
			3	EA	ADJUSTMENT OF DROP INLETS
			2	EA	ADJUSTMENT OF MANHOLES
			7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE
			1,375	LF	STEEL BEAM GUARDRAIL
			150	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
			20	EA	ADDITIONAL GUARDRAIL POSTS
			8	EA	GUARDRAIL END UNITS, TYPE CAT-1
			10	EA	GUARDRAIL END UNITS, TYPE TL-3
			1	EA	GUARDRAIL END UNITS, TYPE TL-2
			1,187.5	LF	REMOVE & RESET EXISTING GUARDRAIL
			840	LF	REMOVE EXISTING GUARDRAIL
			130	LF	WOVEN WIRE FENCE, 47" FABRIC
			6	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			9	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			185	LF	GENERIC FENCING ITEM
					PEDESTRIAN SAFETY RAIL
			450	TON	RIP RAP, CLASS I
			98	TON	RIP RAP, CLASS B
			1,420	SY	GEOTEXTILE FOR DRAINAGE
			1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			63	CY	OVERHEAD FOOTING
			399	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			1,300	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (25+50 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (44+00 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (44+25 -L-)
			5	EA	SIGN ERECTION, TYPE D
			74	EA	SIGN ERECTION, TYPE E
			10	EA	SIGN ERECTION, TYPE F
			1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
			2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (LOGO TRAILBLAZER)
			2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
			38	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			186	SF	WORK ZONE SIGNS (STATIONARY)
			192	SF	WORK ZONE SIGNS (PORTABLE)
			68	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW BOARD
			2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			665	EA	DRUMS
			352	LF	BARRICADES (TYPE III)
			2	EA	TMA
			80	HR	LAW ENFORCEMENT
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
16,200	CY	UNCLASSIFIED EXCAVATION			
300	CY	UNDERCUT EXCAVATION			
88,190	CY	BORROW EXCAVATION			
80	CY	DRAINAGE DITCH EXCAVATION			
160	LF	BERM DITCH CONSTRUCTION			
3,730	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
2	HR	PROOF ROLLING			
200	CY	SELECT GRANULAR MATERIAL			
700	SY	GEOTEXTILE FOR SOIL STABILIZATION			
350	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
1,100	SY	FOUNDATION CONDITIONING GEOTEXTILE			
212	LF	15" DRAINAGE PIPE			
52	LF	18" DRAINAGE PIPE			
28	LF	36" DRAINAGE PIPE			
4	EA	*** DRAINAGE PIPE ELBOWS (15")			
304	LF	**** RC PIPE CULVERTS, CLASS ***** (30", V)			
196	LF	15" RC PIPE CULVERTS, CLASS III			
40	LF	18" RC PIPE CULVERTS, CLASS III			
12	LF	24" RC PIPE CULVERTS, CLASS III			
1,804	LF	15" RC PIPE CULVERTS, CLASS IV			
508	LF	18" RC PIPE CULVERTS, CLASS IV			
172	LF	24" RC PIPE CULVERTS, CLASS IV			
618	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
200	CY	SHALLOW UNDERCUT			
400	TON	CLASS IV SUBGRADE STABILIZATION			
50	TON	INCIDENTAL STONE BASE			
2,500	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")			
820	SY	INCIDENTAL MILLING			
8,140	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
5,620	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
5,810	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
975	TON	ASPHALT BINDER FOR PLANT MIX			
390	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
4	EA	RIGHT-OF-WAY MARKERS			
2,162	CY	PIPE COLLARS			
5	CY	FLOWABLE FILL			
47	EA	MASONRY DRAINAGE STRUCTURES			
5.1	LF	MASONRY DRAINAGE STRUCTURES			
18	EA	FRAME WITH TWO GRATES, STD 840.16			
6	EA	FRAME WITH TWO GRATES, STD 840.22			
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
2	EA	FRAME WITH COVER, STD 840.54			

			3,025	LF	UNPAVED TRENCHING (***** (2, 2")
			80	LF	UNPAVED TRENCHING (***** (3, 2")
48	LF	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN BARRICADE	190	LF	DIRECTIONAL DRILL (***** (1, 2")
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	1,080	LF	DIRECTIONAL DRILL (***** (2, 2")
94	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	440	LF	DIRECTIONAL DRILL (***** (3, 2")
74,336	LF	PAINT PAVEMENT MARKING LINES (4")	130	LF	DIRECTIONAL DRILL (***** (4, 2")
5,780	LF	PAINT PAVEMENT MARKING LINES (8")	41	EA	JUNCTION BOX (STANDARD SIZE)
240	LF	PAINT PAVEMENT MARKING LINES (12")	3	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
4,020	LF	PAINT PAVEMENT MARKING LINES (24")	13	EA	WOOD POLE
80	EA	PAINT PAVEMENT MARKING CHARAC- TER	22	EA	GUY ASSEMBLY
186	EA	PAINT PAVEMENT MARKING SYMBOL	3	EA	1/2" RISER WITH WEATHERHEAD
135	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	2	EA	1" RISER WITH WEATHERHEAD
265	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PM LINES, 12", 90 MILS (HIGHLY REFLECTIVE MEDIA)	7	EA	2" RISER WITH WEATHERHEAD
550	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PM LINES, 24", 120 MILS (HIGHLY REFLECTIVE MEDIA)	2	EA	2" RISER WITH HEAT SHRINK TUBING
8,206	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PM LINES, 4", 120 MILS (HIGHLY REFLECTIVE MEDIA)	3,830	LF	INDUCTIVE LOOP SAWCUT
17,100	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PM LINES, 4", 90 MILS (HIGHLY REFLECTIVE MEDIA)	14,970	LF	LEAD-IN CABLE (***** (14-2)
3,125	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PM LINES, 8", 120 MILS (HIGHLY REFLECTIVE MEDIA)	5	EA	SITE SURVEY
1,325	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PM LINES, 8", 90 MILS (HIGHLY REFLECTIVE MEDIA)	12	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
536	EA	SNOWPLOWABLE PAVEMENT MARKERS	12	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
Lump Sum	LS	PORTABLE LIGHTING	3	EA	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT
6,360	LF	TEMPORARY SILT FENCE	4	EA	RELOCATE CAMERA SENSOR UNIT
360	TON	STONE FOR EROSION CONTROL, CLASS A	2,185	LF	COMMUNICATIONS CABLE (**FIBER) (144)
860	TON	STONE FOR EROSION CONTROL, CLASS B	3,890	LF	COMMUNICATIONS CABLE (**FIBER) (36)
815	TON	SEDIMENT CONTROL STONE	3,410	LF	DROP CABLE
14.5	ACR	TEMPORARY MULCHING	7	EA	SPLICE ENCLOSURE
1,000	LB	SEED FOR TEMPORARY SEEDING	5	EA	INTERCONNECT CENTER
5.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	10	EA	DELINEATOR MARKER
200	LF	TEMPORARY SLOPE DRAINS	6	EA	METAL POLE WITH SINGLE MAST ARM
200	LF	SAFETY FENCE	2	EA	METAL POLE WITH DUAL MAST ARM
2,870	CY	SILT EXCAVATION	8	EA	SOIL TEST
10,500	SY	MATting FOR EROSION CONTROL	48	CY	DRILLED PIER FOUNDATION
100	SY	COIR FIBER MAT	8	EA	MAST ARM WITH METAL POLE DE- SIGN
140	SY	PERMANENT SOIL REINFORCEMENT MAT	45	EA	SIGN FOR SIGNALS
2,110	LF	1/4" HARDWARE CLOTH	5	EA	TYPE I POST WITH FOUNDATION
740	LF	COIR FIBER WATTLE	7	EA	TYPE II PEDESTAL WITH FOUND- ATION
375	LB	POLYACRYLAMIDE (PAM)	2	EA	TYPE III PEDESTAL WITH FOUND- ATION
270	LF	COIR FIBER BAFFLE	2	EA	LED BLANKOUT SIGN
3	EA	*** SKIMMER (2")	3	EA	SIGNAL CABINET FOUNDATION
15	ACR	SEEDING & MULCHING	108	EA	DETECTOR CARD (NEMA TS-2)
9	ACR	MOWING	1	EA	METAL POLE FOUNDATION REMOVAL
150	LB	SEED FOR REPAIR SEEDING	1	EA	METAL POLE REMOVAL
0.25	TON	FERTILIZER FOR REPAIR SEEDING	2	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
300	LB	SEED FOR SUPPLEMENTAL SEEDING	2	EA	GENERIC SIGNAL ITEM CCTV ELECTRICAL SERVICE
9	TON	FERTILIZER TOPDRESSING	1	EA	GENERIC SIGNAL ITEM ETHERNET SWITCH UNIT
10	MHR	SPECIALIZED HAND MOWING	1	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
25	EA	RESPONSE FOR EROSION CONTROL	7	EA	GENERIC SIGNAL ITEM JUNCTION BOX (SPECIAL OVER- SIZED HEAVY-DUTY)
4	EA	CONCRETE WASHOUT STRUCTURE	3	EA	GENERIC SIGNAL ITEM NEMA TS-2, TYPE 1 CABINET, BASE MOUNTED W/2070LN2 CON- TROLLER
23	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
19,780	LF	SIGNAL CABLE			
72	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
75	EA	BACKPLATE			
2,200	LF	MESSENGER CABLE (3/8")			
3,875	LF	TRACER WIRE			
260	LF	PAVED TRENCHING (***** (2, 2")			
3,305	LF	UNPAVED TRENCHING (***** (1, 2")			

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

L180320 014

CONTRACT ID : C204116 53012.3.1

DIV OFFICE ALBEMARLE

LENGTH = 7.809 MI

COUNTY : MECKLENBURG

PAVEMENT REHABILITATION.

DBE GOAL 10.0% COMPLETION DATE : SEP 01 2019

I-85 FROM CONC PVMT JOINT 0.3 MILES SOUTH OF NC-16 TO CONC PVMT JOINT SOUTH OF SR-1601 (MOORES CHAPEL RD).

ROADWAY ITEMS			Lump Sum	LS	DESCRIPTION
					GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
			410	LF	GENERIC STRUCTURE ITEM EXPANSION JOINT SEAL REPAIR
Lump Sum	LS	MOBILIZATION			
120	CY	UNDERCUT EXCAVATION	719	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS
385	SY	GEOTEXTILE FOR SOIL STABILIZATION	432.7	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
2,085	GAL	GENERIC GRADING ITEM FOAM INSTALLATION SOIL STABILIZATION	1,442.3	CF	GENERIC STRUCTURE ITEM CONCRETE FOR DECK REPAIR
540	SY	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS	1,200	LB	GENERIC STRUCTURE ITEM ADDITIONAL REINFORCING STEEL
195	TON	SELECT MATERIAL, CLASS IV	73.8	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
205	SF	PATCHING CONCRETE PAVEMENT SPALLS	4	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYESTER POLYMER CONC OVERLAY
713,000	LF	GENERIC PAVING ITEM JOINT CONSTRUCTION, REPAIR AND SEALING	14,139	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING POLYESTER POLYMER CONCRETE OVERLAY
580,000	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT	14,139	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
3,750	LB	GENERIC PAVING ITEM SLAB LEVELING, UNDERSEALING AND VOID FILLING	14,139	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
824	SF	WORK ZONE SIGNS (STATIONARY)			
12	EA	WORK ZONE PRESENCE LIGHTING			
24	EA	SEQUENTIAL FLASHING WARNING LIGHTS			
750	HR	LAW ENFORCEMENT			
60	EA	GENERIC TRAFFIC CONTROL ITEM LANE CLOSURE			
30	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURE			
88	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
55	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
228,775	LF	PAINT PAVEMENT MARKING LINES (4")			
19,000	LF	PAINT PAVEMENT MARKING LINES (8")			
55	EA	PAINT PAVEMENT MARKING SYMBOL			
182,700	LF	POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)			
19,000	LF	POLYUREA PAVEMENT MARKING LINES (12", 20 MILS)			
228,775	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
1,900	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			
55	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
61,700	LF	GENERIC PAVEMENT MARKING ITEM COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE II (9")			
5,720	EA	GENERIC PAVEMENT MARKING ITEM REMOVE AND REPLACE SNOWPLOW- ABLE PAVEMENT MARKERS			
70	EA	SNOWPLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
2,500	LF	TEMPORARY SILT FENCE			
2,000	LF	WATTLE			

## STRUCTURE ITEMS

120,541	SF	GROOVING BRIDGE FLOORS
1,348	LB	REINFORCING STEEL (BRIDGE)
5,433	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
4	SY	CLASS II, SURFACE PREPARATION
82.3	SY	CLASS III, SURFACE PREPARATION
Lump Sum	LS	STRIP SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 015

CONTRACT ID : C204142 2018CPT.12.07.10231 DIV OFFICE SHELBY  
 COUNTY : CLEVELAND

LENGTH = 56.970 MI

MILLING, RESURFACING, WIDENING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 2.0% COMPLETION DATE : JUN 28 2019

2 SECTIONS OF NC-216, 1 SECTION OF NC-150, NC-180, AND NC-182 AND 51 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,455	TON	INCIDENTAL STONE BASE
90.01	SMI	SHOULDER RECONSTRUCTION
15,608	TON	AGGREGATE SHOULDER BORROW
111,755	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
11,554	SY	INCIDENTAL MILLING
2,330	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
4,978	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
221	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
65,205	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
9,288	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
4,937	TON	ASPHALT BINDER FOR PLANT MIX
14,367	TON	PATCHING EXISTING PAVEMENT
282,104	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6M STONE
112,842	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
45	EA	RETROFIT EXISTING CURB RAMPS
14	EA	CONCRETE CURB RAMPS
7	EA	ADJUSTMENT OF DROP INLETS
25	EA	ADJUSTMENT OF MANHOLES
33	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF OVERSIZED MANHOLES
8,119	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
343	HR	LAW ENFORCEMENT
3,665	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
5,965	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,010	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,184	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,475	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
68	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
115	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,099,738	LF	PAINT PAVEMENT MARKING LINES (4")
85	LF	PAINT PAVEMENT MARKING LINES (24")
77	EA	PAINT PAVEMENT MARKING SYMBOL
2,250	EA	SNOWPLOWABLE PAVEMENT MARKERS
5	EA	JUNCTION BOX (STANDARD SIZE)
4,240	LF	INDUCTIVE LOOP SAWCUT
2,410	LF	LEAD-IN CABLE (***** (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L180320 016

CONTRACT ID : C204144 2018CPT.12.10.10491 DIV OFFICE SHELBY  
 COUNTY : IREDELL

LENGTH = 56.883 MI

MILLING, RESURFACING, SIGNALS AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : JUN 28 2019

3 SECTIONS OF US-21, 2 SECTIONS OF US-64, 1 SECTION OF NC-90 AND 75 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,860	TON	INCIDENTAL STONE BASE
73.64	SMI	SHOULDER RECONSTRUCTION
6,115	TON	AGGREGATE SHOULDER BORROW
44,400	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1")
151,700	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
9,050	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 1-1/2")
2,700	SY	INCIDENTAL MILLING
575	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
15,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,805	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
52,170	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4,360	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
4,630	TON	ASPHALT BINDER FOR PLANT MIX
6,470	TON	PATCHING EXISTING PAVEMENT
19	EA	RETROFIT EXISTING CURB RAMPS
33	EA	CONCRETE CURB RAMPS
89	EA	ADJUSTMENT OF MANHOLES
73	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
6,730	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
1,850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,758	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
4,690	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
270	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,531,780	LF	PAINT PAVEMENT MARKING LINES (4")
700	LF	PAINT PAVEMENT MARKING LINES (8")
1,990	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
8,784	LF	INDUCTIVE LOOP SAWCUT
1,800	LF	LEAD-IN CABLE (***** (14-2)