

**Please Read \*Important Date Revisions**



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

**IMPORTANT INFORMATION**

JAMES H. TROGDON, III  
SECRETARY

TO WHOM IT MAY CONCERN:

InfoTech (developers of Expedite and Bid Express) are replacing Expedite with Project Bids. NCDOT is currently testing the new software. We do not anticipate any issues and expect a seamless transition for contractors.

The new software requires the need for a new Digital ID. Bid Express will reimburse you for the fee, if you have an existing NCDOT or NCDOT – Divisions Digital ID.

What this means for you:

- Project Bids site and software available for Central – Dec 18, 2018
  - Download new Project Bids software
  - Create new Digital ID and request to be able to bid with NCDOT. You will only be using Project Bids and the new Digital ID to bid Central projects (Contract numbers that begin with C).
  - User guides and instructional videos are available in the Bid Express Training Center. Links for this information have also been provided in an email from Bid Express.
- NCDOT Central Highway Letting – Jan 15, 2019
  - Bid with Expedite and old Digital ID
- NCDOT Central Highway Letting – Feb 19, 2019
  - Bid with Project Bids and new Digital ID
- **Project Bids site and software available for Division – April 25, 2019**
  - Download new Project Bids software, if you have not already done so.
  - Create new Digital ID and request to be able to bid with NCDOT – Divisions.
  - If you already have a Digital ID, request to bid with NCDOT – Divisions.
- **Last Division Letting Using Expedite – May 31, 2019**
- **First Division Letting Using Project Bids – June 3, 2019**

Please let us know if you have any questions and remember that we are always available to help by phone or email. Specific questions can be directed to Jaci Kincaid at [jakincaid@ncdot.gov](mailto:jakincaid@ncdot.gov) or 919-707-6920.

Ronald E. Davenport, Jr., PE  
State Contract Engineer  
RED/las

A handwritten signature in black ink, appearing to read "RED/las".



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.*  
F81B6038A47A442...

SUBJECT: Combined Contract Goal for MBE/WBE Participation on State-Funded Projects

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

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

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

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

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

*Website:* www.ncdot.gov

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



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

November 15, 2017

NOTICE TO: All Prequalified Contractors

FROM: Carl Barclay, PE   
State Utilities Manager

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

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

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

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

Article 1550-3(B) requires:

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

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

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

TELEPHONE: 919-707-6690  
FAX: 919-250-4151  
CUSTOMER SERVICE: 1-877-368-4968

WEBSITE: [WWW.NCDOT.GOV](http://WWW.NCDOT.GOV)

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

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON MAY 21, 2019. 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 APRIL 23, 2019.  
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	121 DOT DRIVE	CARTHAGE	(910) 773-8000
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** L190521

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
002	C204330	48037.3.3	JACKSON	0.235 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
003	C204219	15BPR.42 ETC.	BEAUFORT	0.622 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
004	C204332	47981.3.GV1 ETC.	GREENE, PITT	18.110 MI	PAVEMENT REHABILITATION.
005	C204300	15BPR.24	BRUNSWICK	0.360 MI	BRIDGE PRESERVATION.
006	C204333	47993.3.GV1	JOHNSTON	7.490 MI	PAVEMENT REHABILITATION.
008	C204329	2019CPT.08.07.10621 ETC.	MONTGOMERY, RICHMOND	34.442 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
009	C204248	50193.3.1	CHEROKEE	1.216 MI	GRADING, DRAINAGE, PAVING, AND SIGNALS.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L190521 002

CONTRACT ID : C204330 48037.3.3

DIV OFFICE SYLVA

LENGTH = 0.235 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : JAN 28 2023

BRIDGE #27 OVER SCOTT CREEK AND SOUTHERN RAILROAD ON US-23 BUS.

ROADWAY ITEMS					
			7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
Lump Sum	LS	MOBILIZATION	1,830	LF	2'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	CONSTRUCTION SURVEYING	36	LF	SHOULDER BERM GUTTER
26,590	CY	UNCLASSIFIED EXCAVATION	800	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (19+41.94 -L-)	2	EA	CONCRETE CURB RAMPS
			20	SY	6" CONCRETE DRIVEWAY
			270	SY	4" CONCRETE PAVED DITCH
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	40	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
450	CY	UNDERCUT EXCAVATION	90	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
Lump Sum	LS	GRADING	1,462.5	LF	STEEL BEAM GUARDRAIL
400	CY	SELECT GRANULAR MATERIAL	100	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
600	SY	GEOTEXTILE FOR SOIL STABILIZATION	5	EA	ADDITIONAL GUARDRAIL POSTS
1,730	SF	TEMPORARY SHORING	1	EA	GUARDRAIL END UNITS, TYPE AT-1
200	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1	EA	GUARDRAIL END UNITS, TYPE CAT-1
600	SY	FOUNDATION CONDITIONING GEOTEXTILE	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
272	LF	15" SIDE DRAIN PIPE	2	EA	GUARDRAIL END UNITS, TYPE TL-3
132	LF	18" SIDE DRAIN PIPE	309	LF	REMOVE EXISTING GUARDRAIL
76	LF	24" SIDE DRAIN PIPE	712.5	LF	TEMPORARY STEEL BEAM GUARDRAIL
8	EA	*** SIDE DRAIN PIPE ELBOWS (15")	62.5	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)
2	EA	*** SIDE DRAIN PIPE ELBOWS (18")	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
2	EA	*** SIDE DRAIN PIPE ELBOWS (24")	6	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)
952	LF	15" RC PIPE CULVERTS, CLASS IV	6	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL3)
224	LF	18" RC PIPE CULVERTS, CLASS IV	1	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE AT-1
140	LF	24" RC PIPE CULVERTS, CLASS IV	928	LF	GENERIC FENCING ITEM BLACK VINYL COATED CHAIN LINK FENCE, 60" FABRIC
72	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (24", 0.5")	79	EA	GENERIC FENCING ITEM BLACK METAL LINE POSTS, 60" CHAIN LINK FENCE, VINYL COATED
422	LF	PIPE REMOVAL	24	EA	GENERIC FENCING ITEM BLACK METAL TERMINAL POSTS, 60" CHAIN LINK FENCE, VINYL COATED
100	CY	SHALLOW UNDERCUT	4	TON	RIP RAP, CLASS I
200	TON	CLASS IV SUBGRADE STABILIZATION	35	TON	RIP RAP, CLASS B
2,211	TON	AGGREGATE BASE COURSE	1,045	SY	GEOTEXTILE FOR DRAINAGE
300	TON	INCIDENTAL STONE BASE	334	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1,637	GAL	PRIME COAT	2	EA	SIGN ERECTION, TYPE D
1,090	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	10	EA	SIGN ERECTION, TYPE E
500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
430	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
1,025	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
115	TON	ASPHALT BINDER FOR PLANT MIX	4	EA	DISPOSAL OF SUPPORT, U-CHANNEL
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	440	SF	WORK ZONE SIGNS (STATIONARY)
25	EA	RIGHT-OF-WAY MARKERS	208	SF	WORK ZONE SIGNS (PORTABLE)
224	CY	SUBDRAIN EXCAVATION	88	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
168	CY	SUBDRAIN COARSE AGGREGATE	46	EA	DRUMS
1,000	LF	6" PERFORATED SUBDRAIN PIPE	30	EA	CONES
2	EA	SUBDRAIN PIPE OUTLET	64	LF	BARRICADES (TYPE III)
12	LF	6" OUTLET PIPE	50	DAY	FLAGGER
0.553	CY	PIPE COLLARS	2	EA	TEMPORARY CRASH CUSHIONS
5	CY	FLOWABLE FILL	392	LF	PORTABLE CONCRETE BARRIER
22	EA	MASONRY DRAINAGE STRUCTURES	40	HR	LAW ENFORCEMENT
2	EA	FRAME WITH TWO GRATES, STD 840.16	30	EA	SKINNY DRUM
1	EA	FRAME WITH TWO GRATES, STD 840.24			
6	EA	FRAME WITH TWO GRATES, STD 840.29			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			

			1	EA	METAL POLE WITH SINGLE MAST ARM
			1	EA	SOIL TEST
			8	CY	DRILLED PIER FOUNDATION
			1	EA	MAST ARM WITH METAL POLE DESIGN
			5	EA	SIGN FOR SIGNALS
			2	EA	TYPE II PEDESTAL WITH FOUNDATION
			1	EA	SIGNAL CABINET FOUNDATION
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			12	EA	DETECTOR CARD (TYPE 2070L)
			1	EA	CABINET BASE EXTENDER
			2	EA	TRAFFIC SIGNAL REMOVAL
31	EA	TEMPORARY RAISED PAVEMENT MARKERS			
2,740	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
2,535	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
1,554	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)			
12,808	LF	PAINT PAVEMENT MARKING LINES (4")			
45	LF	PAINT PAVEMENT MARKING LINES (24")			
1,750	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
31	EA	SNOWPLOWABLE PAVEMENT MARKERS			
480	LF	8" WATER LINE			
875	LB	DUCTILE IRON WATER PIPE FITTINGS			
1	EA	6" VALVE			
2	EA	8" VALVE			
1	EA	FIRE HYDRANT			
5	LF	FIRE HYDRANT LEG			
300	LF	8" SANITARY GRAVITY SEWER			
236	LF	6" FORCE MAIN SEWER			
200	LB	DUCTILE IRON SEWER PIPE FITTINGS			
255	LF	ABANDON 6" UTILITY PIPE			
485	LF	ABANDON 8" UTILITY PIPE			
46	LF	16" ENCASMENT PIPE			
1	EA	GENERIC UTILITY ITEM AIR RELEASE & VACUUM VALVE MANHOLE COMPLETE			
1	EA	GENERIC UTILITY ITEM AIR RELEASE MANHOLE COMPLETE			
8,585	LF	TEMPORARY SILT FENCE			
280	TON	STONE FOR EROSION CONTROL, CLASS A			
695	TON	STONE FOR EROSION CONTROL, CLASS B			
840	TON	SEDIMENT CONTROL STONE			
6.5	ACR	TEMPORARY MULCHING			
300	LB	SEED FOR TEMPORARY SEEDING			
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
460	LF	TEMPORARY SLOPE DRAINS			
1,000	LF	SAFETY FENCE			
660	CY	SILT EXCAVATION			
15,400	SY	MATTING FOR EROSION CONTROL			
3,900	SY	COIR FIBER MAT			
2,140	LF	1/4" HARDWARE CLOTH			
4	EA	SPECIAL STILLING BASINS			
100	LF	COIR FIBER WATTLE			
90	LB	POLYACRYLAMIDE (PAM)			
165	LF	COIR FIBER BAFFLE			
5	ACR	SEEDING & MULCHING			
5	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
150	LB	SEED FOR SUPPLEMENTAL SEEDING			
4	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
100	EA	RESPONSE FOR EROSION CONTROL			
4	EA	CONCRETE WASHOUT STRUCTURE			
0.1	ACR	REFORESTATION			
2	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
1,250	LF	SIGNAL CABLE			
12	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
220	LF	MESSENGER CABLE (3/8")			
410	LF	UNPAVED TRENCHING (***** (1, 2"))			
6	EA	JUNCTION BOX (STANDARD SIZE)			
4	EA	WOOD POLE			
6	EA	GUY ASSEMBLY			
1	EA	2" RISER WITH WEATHERHEAD			
430	LF	INDUCTIVE LOOP SAWCUT			
590	LF	LEAD-IN CABLE (***** (14-2))			
2	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT			
2	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT			
			2,165	SF	MSE RETAINING WALL NO **** (2)
			11,635	SF	SOIL NAIL RETAINING WALLS
			8	EA	SOIL NAIL VERIFICATION TESTS
			30	EA	SOIL NAIL PROOF TESTS
			225	SF	GENERIC RETAINING WALL ITEM CIP MSE RETAINING WALL NO 1A
					<b>WALL ITEMS</b>
					<b>STRUCTURE ITEMS</b>
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (16+15.80 -L- DET)
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (19+41.94 -L-)
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+41.94 -L-)
			Lump Sum	LS	ASBESTOS ASSESSMENT
			28.1	LF	**,"**" DIA DRILLED PIERS IN SOIL (5'-6")
			129.8	LF	3'-6" DIA DRILLED PIERS IN SOIL
			128	LF	**,"**" DIA DRILLED PIERS NOT IN SOIL (5'-6")
			128	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
			33.6	LF	PERMANENT STEEL CASING FOR **,"**" DIA DRILLED PIER (5'-6")
			1	EA	CSL TESTING
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19+41.94 -L-)
			16,962	SF	REINFORCED CONCRETE DECK SLAB
			14,162	SF	GROOVING BRIDGE FLOORS
			453.7	CY	CLASS A CONCRETE (BRIDGE)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+41.94 -L-)
			123,931	LB	REINFORCING STEEL (BRIDGE)
			20,957	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
			550,300	LS	APPROX ..... LBS STRUCTURAL STEEL
			844.18	LF	TWO BAR METAL RAIL
			393.71	LF	1'-8"*X ***** CONCRETE PARAPET (1'-2" X 2'-6")
			505.38	LF	1'-8"*X ***** CONCRETE PARAPET (1'-2" X 3'-2 3/4")
			57	SY	4" SLOPE PROTECTION
			67.3	TON	RIP RAP CLASS II (2'-0" THICK)
			74.8	SY	GEOTEXTILE FOR DRAINAGE
			Lump Sum	LS	DISC BEARINGS
			Lump Sum	LS	EXPANSION JOINT SEALS
			102.75	LF	GENERIC STRUCTURE ITEM MOMENT SLAB WITH SIDEWALK

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190521 003

CONTRACT ID : C204219 15BPR.42

DIV OFFICE GREENVILLE

LENGTH = 0.622 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : JAN 28 2022

BRIDGE #3 OVER NORFOLK SOUTHERN RAILROAD ON US-17 BUS, AND BRIDGE #25 ON US-17 BUS OVER PAMLICO RIVER.

ROADWAY ITEMS				
			104	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA FLASHING ARROW BOARD
			3	EA PORTABLE CHANGEABLE MESSAGE SIGN
			30	DAY PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
			186	EA DRUMS
			168	LF BARRICADES (TYPE III)
			8	LF PEDESTRIAN CHANNELIZING DEVICES
			180	DAY FLAGGER
			2	EA TMA
			40	HR LAW ENFORCEMENT
			8	EA GENERIC TRAFFIC CONTROL ITEM WARNING FLAGS
			15,265	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			190	LF THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
			9	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			8,400	LF COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			13,650	LF PAINT PAVEMENT MARKING LINES (4")
			144	LF PAINT PAVEMENT MARKING LINES (24")
			1,330	LF POLYUREA PAVEMENT MARKING LINES (4", 20 MILS)
			4,800	LF REMOVAL OF PAVEMENT MARKING LINES (4")
			72	LF REMOVAL OF PAVEMENT MARKING LINES (24")
			45	LF GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
			15	EA PERMANENT RAISED PAVEMENT MARKERS
			110	EA SNOWFLOWABLE PAVEMENT MARKERS
			5,550	LF TEMPORARY SILT FENCE
			65	TON STONE FOR EROSION CONTROL, CLASS A
			560	TON STONE FOR EROSION CONTROL, CLASS B
			350	TON SEDIMENT CONTROL STONE
			5	ACR TEMPORARY MULCHING
			400	LB SEED FOR TEMPORARY SEEDING
			2	TON FERTILIZER FOR TEMPORARY SEEDING
			1,220	LF TEMPORARY SLOPE DRAINS
			4,000	LF SAFETY FENCE
			670	CY SILT EXCAVATION
			2,615	SY MATTING FOR EROSION CONTROL
			500	SY COIR FIBER MAT
			625	LF 1/4" HARDWARE CLOTH
			150	SY FLOATING TURBIDITY CURTAIN
			300	LF COIR FIBER WATTLE
			6	ACR SEEDING & MULCHING
			3	ACR MOWING
			50	LB SEED FOR REPAIR SEEDING
			0.25	TON FERTILIZER FOR REPAIR SEEDING
			200	LB SEED FOR SUPPLEMENTAL SEEDING
			5.5	TON FERTILIZER TOPDRESSING
			10	MHR SPECIALIZED HAND MOWING
			13	EA RESPONSE FOR EROSION CONTROL
			2	EA CONCRETE WASHOUT STRUCTURE
			0.1	ACR REFORESTATION
			26	EA GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
			13	EA GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
			1,920	LF SIGNAL CABLE
			4	EA VEHICLE SIGNAL HEAD (12", 1 SECTION)
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	CONSTRUCTION SURVEYING		
Lump Sum	LS	FIELD OFFICE		
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (27+66.25)		
600	CY	UNDERCUT EXCAVATION		
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING		
Lump Sum	LS	GRADING		
33,320	CY	BORROW EXCAVATION		
600	CY	SELECT GRANULAR MATERIAL		
2,800	SY	GEOTEXTILE FOR SOIL STABILIZATION		
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL		
50	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		
160	SY	FOUNDATION CONDITIONING GEOTEXTILE		
460	LF	15" CS PIPE CULVERTS, 0.064" THICK		
22	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")		
670	LF	PIPE REMOVAL		
100	CY	SHALLOW UNDERCUT		
190	TON	CLASS IV SUBGRADE STABILIZATION		
100	TON	INCIDENTAL STONE BASE		
6,811	SY	INCIDENTAL MILLING		
3,370	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
3,070	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
375	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
2,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		
462.6	TON	ASPHALT BINDER FOR PLANT MIX		
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
44.8	CY	SUBDRAIN EXCAVATION		
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS		
33.6	CY	SUBDRAIN COARSE AGGREGATE		
200	LF	6" PERFORATED SUBDRAIN PIPE		
1	EA	SUBDRAIN PIPE OUTLET		
6	LF	6" OUTLET PIPE		
11	EA	MASONRY DRAINAGE STRUCTURES		
11	EA	FRAME WITH TWO GRATES, STD 840.29		
3,258	LF	SHOULDER BERM GUTTER		
3,362.5	LF	STEEL BEAM GUARDRAIL		
10	EA	ADDITIONAL GUARDRAIL POSTS		
2	EA	GUARDRAIL END UNITS, TYPE CAT-1		
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III		
2	EA	GUARDRAIL END UNITS, TYPE TL-3		
3,827	LF	REMOVE EXISTING GUARDRAIL		
15	TON	RIP RAP, CLASS B		
260	SY	GEOTEXTILE FOR DRAINAGE		
50	LF	SUPPORTS, WOOD		
1	EA	SIGN ERECTION, TYPE E		
1	EA	SIGN ERECTION, TYPE F		
1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)		
1	EA	DISPOSAL OF SUPPORT, WOOD		
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD		
750	SF	WORK ZONE SIGNS (STATIONARY)		
198	SF	WORK ZONE SIGNS (PORTABLE)		

14	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
450	LF	MESSENGER CABLE (3/8")
1,375	LF	UNPAVED TRENCHING (*****) (1, 2")
11	EA	JUNCTION BOX (STANDARD SIZE)
4	EA	WOOD POLE
8	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
3	EA	2" RISER WITH WEATHERHEAD
1,120	LF	INDUCTIVE LOOP SAWCUT
4,800	LF	LEAD-IN CABLE (*****) (14-2)
2	EA	SIGN FOR SIGNALS
2	EA	TYPE III PEDESTAL WITH FOUNDATION
1	EA	SIGNAL CABINET FOUNDATION
5	EA	DETECTOR CARD (TYPE 170)
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1	EA	CABINET BASE EXTENDER

### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (28+85.96 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
2	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (28+85.96 -L-)
17,029	SF	REINFORCED CONCRETE DECK SLAB
18,687	SF	GROOVING BRIDGE FLOORS
416.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+85.96 -L-)
54,800	LB	REINFORCING STEEL (BRIDGE)
1,896.96	LF	54" PRESTRESSED CONCRETE GIRDERS
30	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
22	EA	PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 30 X 0.500)
2,400	LF	HP12X53 STEEL PILES
2,530	LF	PP ** X **** GALVANIZED STEEL PILES (PP 30 X 0.500)
22	EA	PIPE PILE PLATES
52	EA	PILE REDRIVES
524.44	LF	VERTICAL CONCRETE BARRIER RAIL
1,340	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
111	CF	CONCRETE REPAIRS
18	CF	SHOTCRETE REPAIRS
122	LF	EPOXY RESIN INJECTION
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM TRAFFIC SIGNAL EXTENSION
1,716	LF	GENERIC STRUCTURE ITEM ASPHALT JOINT REPAIR/REPLACEMENT (20" WIDE, W/PLATE)
2,079	LF	GENERIC STRUCTURE ITEM RAIL RETROFIT (2-BAR METAL RAIL)
360	LF	GENERIC STRUCTURE ITEM RAIL RETROFIT (3-BAR METAL RAIL)
365	LF	GENERIC STRUCTURE ITEM SILICONE JOINT SEALANT
88	SF	GENERIC STRUCTURE ITEM CONCRETE FILLED GRID DECK REPAIR FOR EPOXY OVERLAY
2,862	SF	GENERIC STRUCTURE ITEM EPOXY COATING AND DEBRIS REMOVAL
2,184	SF	GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM I

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

L190521 004

CONTRACT ID : C204332 47981.3.GV1

DIV OFFICE GREENVILLE

LENGTH = 18.110 MI

COUNTY : GREENE, PITT

PAVEMENT REHABILITATION.

DBE GOAL 6.0% COMPLETION DATE : MAR 14 2022

US-264 (FUTURE I-587) FROM WILSON COUNTY LINE TO SR-1467 (STANTONBURG RD) INTERCHANGE  
(GREENVILLE SW BYPASS).

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
28,170	CY	BORROW EXCAVATION
18,073	CY	GENERIC GRADING ITEM SHALLOW UNDERCUT
32,245	TON	GENERIC GRADING ITEM CLASS IV SUBGRADE STABILIZA- TION
44.29	SMI	GENERIC GRADING ITEM MEDIAN SHOULDER RECONSTRUC- TION (T1)
34.65	SMI	GENERIC GRADING ITEM OUTSIDE SHOULDER RECONSTRUC- TION (T2)
45,825	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
671,615	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
33,390	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
123,110	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
69,315	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
11,572	TON	ASPHALT BINDER FOR PLANT MIX
1,465	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
23,994	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
366,016	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
38,825	LF	STEEL BEAM GUARDRAIL
1,562.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
59	EA	GUARDRAIL END UNITS, TYPE CAT-1
75	EA	GUARDRAIL END UNITS, TYPE TL-3
34	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83
44,678	LF	REMOVE EXISTING GUARDRAIL
1,536	SF	WORK ZONE SIGNS (STATIONARY)
3	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
20	EA	WORK ZONE PRESENCE LIGHTING
15	EA	SEQUENTIAL FLASHING WARNING LIGHTS
500	HR	LAW ENFORCEMENT
336	EA	GENERIC TRAFFIC CONTROL ITEM LANE CLOSURE
72	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURE
38	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
465,170	LF	PAINT PAVEMENT MARKING LINES (6")
11,494	LF	PAINT PAVEMENT MARKING LINES (12")
30	EA	PAINT PAVEMENT MARKING SYMBOL
465,270	LF	POLYUREA PAVEMENT MARKING LINES (6", 30 MILS)
11,494	LF	POLYUREA PAVEMENT MARKING LINES (12", 30 MILS)
2,945	EA	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
8,594	LF	TEMPORARY SILT FENCE
5,261	LF	WATTLE
59.48	ACR	SEEDING & MULCHING
4	EA	RESPONSE FOR EROSION CONTROL

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190521 005

CONTRACT ID : C204300 15BPR.24

DIV OFFICE CASTLE HAYNE

LENGTH = 0.360 MI

COUNTY : BRUNSWICK

BRIDGE PRESERVATION.

DBE GOAL % COMPLETION DATE : JUL 01 2020

BRIDGE #13 OVER THE INTRACOASTAL WATERWAY ON NC-904.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
305	SY	INCIDENTAL MILLING
26	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2	TON	ASPHALT BINDER FOR PLANT MIX
48	SF	WORK ZONE SIGNS (STATIONARY)
176	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
500	DAY	FLAGGER
60	EA	SKINNY DRUM
8,069	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
5,565	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
49	EA	PERMANENT RAISED PAVEMENT MARKERS

## STRUCTURE ITEMS

14,417	SF	GROOVING BRIDGE FLOORS
2	SY	CLASS II, SURFACE PREPARATION
Lump Sum	LS	ELASTOMERIC BEARINGS
45	CF	CONCRETE REPAIRS
321	CF	SHOTCRETE REPAIRS
750	LF	EPOXY RESIN INJECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM WATER LINE REMOVAL
720	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVA- TION
5	LF	GENERIC STRUCTURE ITEM INTEGRAL PILE JACKETING
3,795	LF	GENERIC STRUCTURE ITEM RAIL RETROFIT
103	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
14	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRES- ERVATION
141	CF	GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CON- CRETE GIRDERS
65	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
5,627	SF	GENERIC STRUCTURE ITEM EPOXY COATING
1.2	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLY- ESTER POLYMER CONCRETE OVERLAY
1,789	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING POLYESTER POLYMER/CONCRETE OVERLAY
1,789	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
6,330	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
4,632	SY	GENERIC STRUCTURE ITEM SILANE DECK TREATMENT
50	EA	GENERIC STRUCTURE ITEM CATHODIC PROTECTION SYSTEM- SUBMERGED ZINC BULK ANODE
6	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE NO 13

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

L190521 006

CONTRACT ID : C204333 47993.3.GV1

DIV OFFICE WILSON

LENGTH = 7.490 MI

COUNTY : JOHNSTON

PAVEMENT REHABILITATION.

DBE GOAL 8.0% COMPLETION DATE : OCT 30 2020

US-70 (FUTURE I-42) FROM SR1003 (BUFFALO RD) TO WAYNE COUNTY LINE.

ROADWAY ITEMS				
			4,501	LF REMOVAL OF PAVEMENT MARKING LINES (4")
			210	LF GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
			8	EA GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
			2,030	EA SNOWFLOWABLE PAVEMENT MARKERS
Lump Sum	LS		85	TON PORTABLE LIGHTING
200	CY	MOBILIZATION		
200	CY	UNCLASSIFIED EXCAVATION		
20	TON	BORROW EXCAVATION		
55	SY	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		
88	LF	FOUNDATION CONDITIONING GEOTEXTILE		
16	LF	15" RC PIPE CULVERTS, CLASS III		
16	LF	18" RC PIPE CULVERTS, CLASS III		
16	LF	24" RC PIPE CULVERTS, CLASS III		
32	LF	30" RC PIPE CULVERTS, CLASS III		
16	LF	48" RC PIPE CULVERTS, CLASS III		
200	LF	PIPE REMOVAL		
500	TON	INCIDENTAL STONE BASE		
369,402	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2")		
31,035	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D		
1,774	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX		
59,160	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)		
10	CY	PIPE COLLARS		
500	CY	FLOWABLE FILL		
16	EA	MASONRY DRAINAGE STRUCTURES		
10	LF	MASONRY DRAINAGE STRUCTURES		
16	EA	FRAME WITH TWO GRATES, STD 840.22		
1	EA	GENERIC DRAINAGE ITEM CONCRETE APRON		
3	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3		
2,350	LF	STEEL BEAM GUARDRAIL		
10	EA	ADDITIONAL GUARDRAIL POSTS		
53	EA	GUARDRAIL END UNITS, TYPE TL-3		
4,700	LF	REMOVE EXISTING GUARDRAIL		
400	SF	WORK ZONE SIGNS (STATIONARY)		
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN		
8	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS		
10	EA	WORK ZONE PRESENCE LIGHTING		
20	EA	SEQUENTIAL FLASHING WARNING LIGHTS		
400	HR	LAW ENFORCEMENT		
212	EA	GENERIC TRAFFIC CONTROL ITEM LANE CLOSURE		
6	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURE		
232,288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)		
760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)		
6,090	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)		
106	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)		
263,966	LF	PAINT PAVEMENT MARKING LINES (6")		
760	LF	PAINT PAVEMENT MARKING LINES (8")		
6,090	LF	PAINT PAVEMENT MARKING LINES (12")		
210	LF	PAINT PAVEMENT MARKING LINES (24")		
8	EA	PAINT PAVEMENT MARKING CHARACTER		
106	EA	PAINT PAVEMENT MARKING SYMBOL		
4,501	LF	POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)		

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190521 008

CONTRACT ID : C204329 2019CPT.08.07.10621 DIV OFFICE CARTHAGE

LENGTH = 34.442 MI

COUNTY : MONTGOMERY, RICHMOND

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 4.0% COMPLETION DATE : JUN 30 2020

3 SECTIONS OF NC-73, 2 OF US-74 BUS, NC-731, NC-109, 1 OF US-1, US-220, I-73/74, US-74 BYP & 9 OF SECONDARY ROADS.

ROADWAY ITEMS					
			54	EA	PAINT PAVEMENT MARKING SYMBOL
			3,669	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			561	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
			769	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
			12	EA	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
			917	EA	PERMANENT RAISED PAVEMENT MARKERS
			2,500	EA	SNOWFLOWABLE PAVEMENT MARKERS
			4,284	LF	INDUCTIVE LOOP SAWCUT
			4,284	LF	LEAD-IN CABLE (***** (14-2)
Lump Sum	LS	MOBILIZATION			
76.61	SMI	SHOULDER RECONSTRUCTION			
10.735	TON	AGGREGATE SHOULDER BORROW			
494,489	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
9,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")			
24,164	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
11,100	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
190	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")			
10,926	SY	INCIDENTAL MILLING			
32,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
43,220	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
4,747	TON	ASPHALT BINDER FOR PLANT MIX			
558	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX			
9,140	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED			
1,776	TON	PATCHING EXISTING PAVEMENT			
1,900	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE			
17,224	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #*** STONE (67)			
54,715	SY	ASPHALT SURFACE TREATMENT, SINGLE SEAL			
26,706	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT			
8	WK	VACUUM TRUCK			
227,555	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
50	LF	2'-6" CONCRETE CURB & GUTTER			
2	EA	RETROFIT EXISTING CURB RAMPS			
6	EA	ADJUSTMENT OF DROP INLETS			
6	EA	ADJUSTMENT OF MANHOLES			
26	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
6,669	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
480	HR	LAW ENFORCEMENT			
247,832	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
203,265	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
3,311	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
8,035	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
76	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
2,022	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)			
1,647	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)			
977,769	LF	PAINT PAVEMENT MARKING LINES (4")			
11,327	LF	PAINT PAVEMENT MARKING LINES (8")			
665	LF	PAINT PAVEMENT MARKING LINES (16")			
838	LF	PAINT PAVEMENT MARKING LINES (24")			
14	EA	PAINT PAVEMENT MARKING CHARACTER			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L190521 009

CONTRACT ID : C204248 50193.3.1

DIV OFFICE SYLVA

LENGTH = 1.216 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL 5.0% COMPLETION DATE : JAN 28 2022

US-19/74/64/129 FROM END OF 4 LANE DIVIDED SECTION TO US-19 BUSINESS (HIWASSEE ST).

ROADWAY ITEMS					
			2,030	TON	ASPHALT BINDER FOR PLANT MIX
			4,120	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	MOBILIZATION	7.7	CY	ENDWALLS
Lump Sum	LS	CONSTRUCTION SURVEYING	19	CY	REINFORCED ENDWALLS
Lump Sum	LS	GRADING	2.1	CY	PIPE COLLARS
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1	CY	PIPE PLUGS
900	CY	UNDERCUT EXCAVATION	43	CY	FLOWABLE FILL
80	CY	DRAINAGE DITCH EXCAVATION	120	EA	MASONRY DRAINAGE STRUCTURES
500	CY	SELECT GRANULAR MATERIAL, CLASS III	108.844	CY	MASONRY DRAINAGE STRUCTURES
500	CY	SELECT GRANULAR MATERIAL	28.1	LF	MASONRY DRAINAGE STRUCTURES
500	SY	GEOTEXTILE FOR SOIL STABILIZATION	32	EA	FRAME WITH TWO GRATES, STD 840.16
1,370	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	17	EA	FRAME WITH TWO GRATES, STD 840.24
4,290	SY	FOUNDATION CONDITIONING GEOTEXTILE	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
140	LF	***** RC PIPE CULVERTS, CLASS (72", V)	33	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
12	LF	***** RC PIPE CULVERTS, CLASS IV (12")	55	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1,448	LF	***** RC PIPE CULVERTS, CLASS IV (54")	12	EA	FRAME WITH COVER, STD 840.54
512	LF	***** RC PIPE CULVERTS, CLASS IV (60")	1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
972	LF	***** RC PIPE CULVERTS, CLASS IV (66")	30	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET
2,360	LF	15" RC PIPE CULVERTS, CLASS IV	8	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
2,464	LF	18" RC PIPE CULVERTS, CLASS IV	13,850	LF	2'-6" CONCRETE CURB & GUTTER
2,024	LF	24" RC PIPE CULVERTS, CLASS IV	3,000	SY	4" CONCRETE SIDEWALK
1,224	LF	30" RC PIPE CULVERTS, CLASS IV	86	EA	CONCRETE CURB RAMPS
264	LF	36" RC PIPE CULVERTS, CLASS IV	40	SY	6" CONCRETE DRIVEWAY
1,280	LF	42" RC PIPE CULVERTS, CLASS IV	360	SY	4" CONCRETE PAVED DITCH
28	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	1,230	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
84	LF	15" CS PIPE CULVERTS, 0.064" THICK	2	EA	ADJUSTMENT OF CATCH BASINS
20	LF	18" CS PIPE CULVERTS, 0.064" THICK	1	EA	ADJUSTMENT OF DROP INLETS
16	LF	30" CS PIPE CULVERTS, 0.079" THICK	1	EA	ADJUSTMENT OF MANHOLES
180	LF	GENERIC PIPE ITEM 24" CURED-IN-PLACE PIPE	1	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET
142	LF	GENERIC PIPE ITEM 30" CURED-IN-PLACE PIPE	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
124	LF	GENERIC PIPE ITEM 60" CURED-IN-PLACE PIPE	325	LF	STEEL BEAM GUARDRAIL
2,630	LF	PIPE REMOVAL	62.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
200	CY	SHALLOW UNDERCUT	10	EA	ADDITIONAL GUARDRAIL POSTS
380	TON	CLASS IV SUBGRADE STABILIZATION	1	EA	GUARDRAIL END UNITS, TYPE AT-1
1,000	TON	INCIDENTAL STONE BASE	3	EA	GUARDRAIL END UNITS, TYPE TL-3
5,080	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (10")	228	LF	REMOVE EXISTING GUARDRAIL
10,170	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (3")	595	TON	RIP RAP, CLASS I
3,700	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (5-1/2")	195	TON	RIP RAP, CLASS II
30,380	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (7")	110	TON	RIP RAP, CLASS B
1,000	SY	INCIDENTAL MILLING	1,740	SY	GEOTEXTILE FOR DRAINAGE
5,930	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	60	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)
15,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	33.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
17,550	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	162	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
			48	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
			8	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (MILEMARKER)
			0.35	CY	PLAIN CONCRETE SIGN FOUNDATIONS
			411	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			993	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			43	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
			4	EA	SIGN ERECTION, TYPE D
			49	EA	SIGN ERECTION, TYPE E



