



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR


J. ERIC BOYETTE
SECRETARY

**IMPORTANT INFORMATION
PLEASE READ**

TO PREQUALIFIED BIDDERS AND PURCHASE ORDER PRIMES:

The requirements for bidding on NCDOT construction projects are changing. The current requirement to purchase plans or a proposal to be eligible to bid will be replaced by a requirement to register for the *Interested Parties List*. This change will be effective for any Central or Division letting June 1, 2022 and later.

For any letting June 1, 2022 and later:



Contractors bidding on NCDOT contracts must sign up for the *Interested Parties List* for each project they intend to submit bids on. As part of this new requirement, Contractors must sign up for the *Interested Parties List* no later than one business day prior to the Letting Date.

The purchase of plans or proposals will no longer be required to bid on NCDOT Central Let projects and will be replaced by the new requirement above to sign up for the *Interested Parties List*. Plans will continue to be available for purchase, however anyone who purchases plans shall still sign up for the *Interested Parties List* to be eligible to bid.

A one-page quick guide follows this letter and the quick guide a more detailed walkthrough on signing up for the *Interested Parties List* can be found on the Central and Division Letting Resources pages at the links below:


<https://connect.ncdot.gov/letting/Pages/Central.aspx>

<https://connect.ncdot.gov/letting/Pages/Division-Letting-Resources.aspx>

The links and functionality described in the guides will be available on our website in the near future. For more information or assistance with this new process please submit any questions to InterestedPartiesHelp@ncdot.gov.

For additional assistance with general bidding related questions please email AWPhelp@ncdot.gov.

Ronald E. Davenport, Jr., PE
State Contract Officer

DocuSigned by:

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Interested Parties List

To **register to bid on an upcoming NCDOT construction contract**, or to register in general to be notified about updates for selected upcoming contracts to be let, add your firm to the Interested Parties list for each contract in which you are interested. Interested parties will be informed by mail whenever there are addenda or other changes to the planned letting.

You are no longer required to be a Plan Holder to bid for any lettings occurring June 1, 2022, or later.

Interested parties and authorized bidders MUST sign up at least one full business day prior to the let date.

To Register:

1. Navigate to the details page for the selected contract. Press **Interested Parties for this letting** or go directly to the overall [Interested Parties list](#)
2. Press **Add Firm** and find your firm using the Search box. Select your firm name and press **Next**
3. Complete the contact information for the person to be notified of changes and press **Next**
4. Review the list of upcoming Central and Division contracts and select the upcoming contract(s) in which you are interested and press **Next**.
There is no need to register again for contracts for which you have previously registered.
5. The confirmation page will summarize your entered information. Press **Submit**.
6. A confirmation email will be sent to the provided address. Within one hour, the firm will appear on the publicly viewable Interested Parties list for each of the specified contracts. Allow five business days for NCDOT staff to upload your firm as an authorized bidder in Bid Express.

Email InterestedPartiesHelp@ncdot.gov if you have any problems registering.



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IMPORTANT NOTICE

Upcoming Opportunities for DBE Firms to Participate on NCDOT Projects

As part of the North Carolina Department of Transportation's continuing commitment to promote Disadvantaged/Minority/Women Business Enterprise (D/M/WBE) participation, the Division of Highways Chief Engineer's Office would like to remind you of the broad range of construction, maintenance, and operational opportunities available within NCDOT. One of these opportunities is the monthly advertisement of Central Let projects with letting held on the third Tuesday of each month. NCDOT is requesting bids for the following projects. If your firm is eligible to bid (i.e., prequalified as a Bidder), you can download and print the bid related items from this list.



[Central Highway Letting](#)

If you are interested in providing subcontractor work for any of these projects, we strongly encourage you to solicit each of the contractors bidding on these projects to see if they are interested in receiving a quote. A list of interested parties with their contact information is listed for each project being advertised.



[Central Plan Holder List](#)

I would like to personally thank you for your time in considering this opportunity with the North Carolina Department of Transportation.

Sincerely,

Ronald L. Keeter, Jr, PE
Chief Engineer
Division of Highways

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
OFFICE OF THE CHIEF ENGINEER
MAIL SERVICE CENTER 1536
RALEIGH, NC 27699-1536

Telephone 919-707-2500
Fax: 919-733-9428
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
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 PROVISIONS) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN THE CONTRACT STANDARDS AND DEVELOPMENT UNIT RIVERWOOD CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. OR VIA THE WEBCAST AT **2:00 PM** ON SEPTEMBER 20, 2022. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

1. THE BIDDER SHALL SELF REGISTER AT THE FOLLOWING WEBSITE FOR EACH PROJECT FOR WHICH THEY INTEND TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID

<https://connect.ncdot.gov/letting/pages/Interested-Parties.aspx>

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 THEY ELECT 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, EXECUTED PAYMENT AND PERFORMANCE BONDS, AND OPTIONAL BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT FORM (SPA-1) 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>. BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT FORM (SPA-1) IS AVAILABLE AT THE FOLLOWING WEBSITE <https://connect.ncdot.gov/letting/Pages/Central-Letting-Resources.aspx>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE EMAILED TO THE STATE CONTRACT OFFICER AT ContractOfficer@ncdot.gov.

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 CONTRACTOR'S LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, VISIT THE CONTRATOR LICENSING BOARD WEBSITE AT <https://www.nclbgc.org> OR EMAIL licensing@nclbgc.org.

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 PREQUALIFICATION SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT AT <https://connect.ncdot.gov/business/Prequal/Pages/default.aspx>. 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 VISITING THE WEBSITE AT: <https://connect.ncdot.gov/letting/Pages/Order-Plans.aspx>. 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 7.25% 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 AUGUST 23, 2022.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

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.

DIV NO.	DIVISION ENGINEER	TOWN	TELEPHONE
001	C. Win Bridgers, Jr., PE	EDENTON	(252) 482-1850
002	Jeffrey Cabaniss, PE	GREENVILLE	(252) 439-2800
003	D. Chad Kimes, PE	CASTLE HAYNE	(910) 341-2000
004	Kevin Bowen, PE	WILSON	(252) 237-6164
005	Brandon Jones, PE	DURHAM	(919) 220-4600
006	Howard Cox, PE	FAYETTEVILLE	(910) 486-1493
007	Wright Archer, III, PE	GREENSBORO	(336) 487-0000
008	Patrick Norman, PE	CARTHAGE	(910) 773-8000
009	S. Pat Ivey, PE	WINSTON-SALEM	(336) 747-7800
010	Brett Canipe, PE	ALBEMARLE	(704) 983-4400
011	Michael Poe, PE	NORTH WILKESBORO	(336) 903-9101
012	Mark Stafford, PE	SHELBY	(704) 480-5400
013	Timothy Anderson, PE	ASHEVILLE	(828) 250-3000
014	Wanda Austin, PE	SYLVA	(828) 586-2141

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

Bid Letting Number: L220920

RPN Contract Id	WBS	County	Length	Job Type
002	C204775 50346.3.1	DARE	2.700 MI	BRIDGE PRESERVATION.
003	C204650 49633.3.1	JOHNSTON	2.517 MI	PAVEMENT AND STRUCTURE REHABILITATION.
004	C204743 49982.3.1	WILSON	6.970 MI	PAVEMENT REHABILITATION, ITS, AND STRUCTURE PRESERVATION.
005	C204777 2023CPT.05.03.20921.1, ETC.	WAKE	24.601 MI	MILLING AND RESURFACING.
006	C204778 2023CPT.05.04.10921.1, ETC.	WAKE	8.453 MI	MILLING AND RESURFACING.
007	C204735 45897.3.1	DAVIDSON	9.332 MI	PAVEMENT REHABILITATION AND BRIDGE PRESERVATION.
008	C204658 44990.3.1	MECKLENBURG	0.526 MI	GRADING, DRAINAGE, PAVING, AND SIGNALS.
*009	C204740 38368.3.1	BUNCOMBE	0.665 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C204726 46409.3.3	BUNCOMBE	5.110 MI	PAVEMENT REHABILITATION AND BRIDGE PRESERVATION.
**011	C204739 32572.3.14	GRAHAM	3.911 MI	GRADING, DRAINAGE, PAVING AND STRUCTURES.

Bid Letting Number: L221018

RPN Contract Id	WBS	County	Length	Job Type
001	C204746 34839.3.13	FORSYTH	1.536 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.

*NOTE: C204740 BUNCOMBE COUNTY HAS A MANDATORY PRE-BID CONFERENCE ON SEPTEMBER 6, 2022 AT 2:00PM AT DIVISION 13, WEAVERVILLE RESIDENT ENGINEER'S OFFICE CONFERENCE ROOM, 901-8 OLD MARS HILL HWY, WEAVERVILLE, NC 28787. FOR QUESTIONS, CONTACT MCCRAY COATES AT 828-658-7030 OR HMCOATES@NCDOT.GOV.

**NOTE: C204739 GRAHAM COUNTY HAS A MANDATORY PRE-BID CONFERENCE ON SEPTEMBER, 6, 2022 AT 2:00PM HELD VIA MICROSOFT TEAMS. SEE PROPOSAL FOR MEETING LINK. FOR QUESTIONS, CONTACT ADAM DOCKERY AT 828-321-5061 OR JADOCKERY@NCDOT.GOV.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220920 002

CONTRACT ID : C204775 50346.3.1

DIV OFFICE EDENTON

LENGTH = 2.700 MI

COUNTY : DARE

BRIDGE PRESERVATION.

DBE GOAL 0.00 % COMPLETION DATE : NOV 01, 2026

BRIDGE #9 ON US-64 IN MANN'S HARBOR.

		ROADWAY ITEMS					
				30,691.2	SF	GENERIC STRUCTURE ITEM FRP PROTECTIVE SYSTEM-BELOW WATERLINE	
Lump Sum	LS	MOBILIZATION					
	306	SY	INCIDENTAL MILLING	339,072.5	SF	GENERIC STRUCTURE ITEM MMA OVERLAY SYSTEM	
	26	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	37,239.6	SY	GENERIC STRUCTURE ITEM CONCRETE BRIDGE DECK CRACK SEALING	
	1.6	TON	ASPHALT BINDER FOR PLANT MIX	11	EA	GENERIC STRUCTURE ITEM TYPE II BRIDGE JACKING BRIDGE NO 270009	
	432	SF	WORK ZONE SIGNS (STATIONARY)				
	96	SF	WORK ZONE SIGNS (PORTABLE)				
	115	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)				
	8	EA	PORTABLE CHANGEABLE MESSAGE SIGN				
	50	EA	DRUMS				
	150	EA	CONES				
	139	LF	BARRICADES (TYPE III)				
	20	DAY	FLAGGER				
	57,460	LF	POLYUREA PAVEMENT MARKING LINES, **", ** MILS (STANDARD GLASS BEADS) (4", 30 MILS)				
	180	EA	PERMANENT RAISED PAVEMENT MARKERS				
Lump Sum	LS	PORTABLE LIGHTING					
	100	LF	TEMPORARY SILT FENCE				
	100	LF	SAFETY FENCE				
	2	EA	CONCRETE WASHOUT STRUCTURE				
		STRUCTURE ITEMS					
	32.4	CY	CLASS AA CONCRETE (BRIDGE)				
	39,589	LB	REINFORCING STEEL (BRIDGE)				
	0.8	SY	CLASS II, SURFACE PREPARATION				
	4.4	SY	CLASS III, SURFACE PREPARATION				
	3,113.4	CF	SHOTCRETE REPAIRS				
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE					
Lump Sum	LS	GENERIC STRUCTURE ITEM REINFORCED APPROACH FILL					
	20,361.5	LF	GENERIC STRUCTURE ITEM CRACK PRETREATMENT				
	89.1	LF	GENERIC STRUCTURE ITEM EPOXY RESIN INJECTION				
	20	LF	GENERIC STRUCTURE ITEM PILE JACKETS				
	14	LF	GENERIC STRUCTURE ITEM PILE SPLICE & PRELOAD				
	914.4	LF	GENERIC STRUCTURE ITEM PREFORMED SILICONE EXPANSION JOINT SEALS				
	4,006.6	LF	GENERIC STRUCTURE ITEM SILICONE JOINT SEALANT				
	523.6	CY	GENERIC STRUCTURE ITEM FOOTING CONCRETE REPAIRS				
	23.1	CF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR MMA OVERLAY				
	760.4	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION				
	3,445	CF	GENERIC STRUCTURE ITEM PILE CONCRETE RESTORATION				
	500	CF	GENERIC STRUCTURE ITEM WATERLINE GROUTING				
	2,948	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION				
	2,034	SF	GENERIC STRUCTURE ITEM CONCRETE WORK FOR JOINT REPLACEMENT				
	47,168.7	SF	GENERIC STRUCTURE ITEM FRP PROTECTIVE SYSTEM-ABOVE WATERLINE				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220920

003

CONTRACT ID: C204650 49633.3.1

DIV OFFICE WILSON

LENGTH = 2.517 MI

COUNTY : JOHNSTON

PAVEMENT AND STRUCTURE REHABILITATION.

DBE GOAL 4.00 % COMPLETION DATE : MAY 01, 2024

I-95 FROM MILEMARKER 97 TO MILEMARKER 101.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	1	EA	GENERIC SIGNAL ITEM
146,763	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	1	EA	DYNAMIC MESSAGE SIGN (TYPE 2C)
12,370	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	1	EA	GENERIC SIGNAL ITEM
930	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	1	EA	MODIFY EXISTING ELECTRICAL SERVICE
3,320	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	1	EA	GENERIC SIGNAL ITEM
642	TON	PATCHING EXISTING PAVEMENT	1	EA	REMOVAL AND DISPOSAL OF EXISTING DMS COMPONENTS
49,620	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	1	EA	GENERIC SIGNAL ITEM
262.5	LF	STEEL BEAM GUARDRAIL	1	EA	REMOVAL AND DISPOSAL OF EXISTING DMS STRUCTURE
5	EA	ADDITIONAL GUARDRAIL POSTS	2	EA	GENERIC SIGNAL ITEM
1	EA	GUARDRAIL END UNITS, TYPE CAT-1	2	EA	REMOVAL AND DISPOSAL OF EXISTING DMS STRUCTURE FOUNDATION
1	EA	GUARDRAIL END UNITS, TYPE TL-3			
8	CY	OVERHEAD FOOTING			
16	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)			
13	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)			
29	EA	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)			
10	SF	WORK ZONE SIGNS (STATIONARY)			
1,060	SF	WORK ZONE SIGNS (PORTABLE)			
240	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
224	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
4	EA	FLASHING ARROW BOARD			
12	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS			
14	EA	WORK ZONE PRESENCE LIGHTING			
220	EA	DRUMS			
24	EA	SEQUENTIAL FLASHING WARNING LIGHTS			
120	LF	BARRICADES (TYPE III)			
2	EA	TMA			
498	HR	LAW ENFORCEMENT			
4	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE			
8	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES			
50	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE			
75,820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
4,520	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			
22	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
63,700	LF	PAINT PAVEMENT MARKING LINES (6")			
4,520	LF	PAINT PAVEMENT MARKING LINES (12")			
2,010	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (6", 20 MILS)			
870	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER			
Lump Sum	LS	PORTABLE LIGHTING			
50	LF	UNPAVED TRENCHING (***** (2, 2")			
1	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER			
1	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE			
			31,570	SF	GROOVING BRIDGE FLOORS
			Lump Sum	LS	POLLUTION CONTROL
			54.3	SY	CLASS II, SURFACE PREPARATION
			20.6	CF	CONCRETE REPAIRS
			49.1	CF	SHOTCRETE REPAIRS
			47.7	LF	EPOXY RESIN INJECTION
			Lump Sum	LS	GENERIC STRUCTURE ITEM
					CLEANING & REPAINTING OF BRIDGE #500106
			Lump Sum	LS	GENERIC STRUCTURE ITEM
					CLEANING & REPAINTING OF BRIDGE #500107
			Lump Sum	LS	GENERIC STRUCTURE ITEM
					PAINTING CONTAINMENT FOR BRIDGE #500106
			Lump Sum	LS	GENERIC STRUCTURE ITEM
					PAINTING CONTAINMENT FOR BRIDGE #500107
			Lump Sum	LS	GENERIC STRUCTURE ITEM
					VOLUMETRIC MIXER
			538.2	LF	GENERIC STRUCTURE ITEM
					POURABLE SILICONE JOINT SEALANT
			92.8	LF	GENERIC STRUCTURE ITEM
					STRIP SEALS FOR PRESERVATION
			27,837	LB	GENERIC STRUCTURE ITEM
					SLOPE PROTECTION VOID FILLING
			201.2	SF	GENERIC STRUCTURE ITEM
					CONCRETE WORK FOR JOINT REPLACEMENT
			3,796	SY	GENERIC STRUCTURE ITEM
					PLACING & FINISHING POLYMER CONCRETE OVERLAY
			3,796	SY	GENERIC STRUCTURE ITEM
					SCARIFYING BRIDGE DECK
			3,796	SY	GENERIC STRUCTURE ITEM
					SHOTBLASTING BRIDGE DECK
			6	EA	GENERIC STRUCTURE ITEM
					TYPE I BRIDGE JACKING BRIDGE #500106
			1	EA	GENERIC STRUCTURE ITEM
					TYPE I BRIDGE JACKING BRIDGE #500107
					***** BEGIN SCHEDULE AA*****
					***** (2 ALTERNATES) *****
			211.4	CY	GENERIC STRUCTURE ITEM
					POLYESTER POLYMER CONCRETE MATERIALS
					*** OR ***
			211.4	CY	GENERIC STRUCTURE ITEM
					EPOXY POLYMER CONCRETE MATERIALS
					*** END SCHEDULE AA***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220920

004

CONTRACT ID : C204743 49982.3.1

DIV OFFICE WILSON

LENGTH = 6.970 MI

COUNTY : WILSON

PAVEMENT REHABILITATION, ITS, AND STRUCTURE PRESERVATION.

DBE GOAL 7.00 % COMPLETION DATE : JUN 15, 2024

US-264 FROM I-795 TO TOISNOT SWAMP.

		ROADWAY ITEMS					
				100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	
Lump Sum	LS	MOBILIZATION		8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	
200	CY	BORROW EXCAVATION		39	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
2,000	CY	GENERIC GRADING ITEM SLOPE RESTORATION		409,790	LF	PAINT PAVEMENT MARKING LINES (6")	
3	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		20,780	LF	PAINT PAVEMENT MARKING LINES (12")	
10	SY	FOUNDATION CONDITIONING GEOTEXTILE		100	LF	PAINT PAVEMENT MARKING LINES (24")	
8	LF	15" RC PIPE CULVERTS, CLASS III		7,650	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (6", 30 MILS)	
16	LF	18" RC PIPE CULVERTS, CLASS III		411	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	
24	LF	PIPE REMOVAL		60	LF	REMOVAL OF PAVEMENT MARKING LINES (12")	
1,100	TON	INCIDENTAL STONE BASE		88	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	
46,661	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")		2,200	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	
264,064	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (2" TO 2-3/4")		100	LF	TEMPORARY SILT FENCE	
6,286	SY	INCIDENTAL MILLING		40	TON	SEDIMENT CONTROL STONE	
15,525	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		100	LF	SAFETY FENCE	
24,990	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D		350	LF	1/4" HARDWARE CLOTH	
926	TON	ASPHALT BINDER FOR PLANT MIX		350	LF	WATTLE	
1,935	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX		2.5	ACR	SEEDING & MULCHING	
7,805	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED		3	EA	CONCRETE WASHOUT STRUCTURE	
3,037	TON	PATCHING EXISTING PAVEMENT		625	LF	INDUCTIVE LOOP SAWCUT	
141,776	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)		2	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY	
1,292	CY	PIPE COLLARS		2	EA	GENERIC SIGNAL ITEM ITS EQUIPMENT REMOVAL (CCTV)	
10	CY	FLOWABLE FILL		2	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL	
1	EA	FRAME WITH TWO GRATES, STD 840.22					
1	EA	GENERIC DRAINAGE ITEM CONCRETE APRON					
1	EA	GENERIC DRAINAGE ITEM DRAINAGE STRUCTURE CLEANOUT		19.3	CF	SHOTCRETE REPAIRS	
16,500	LF	GENERIC DRAINAGE ITEM SHOULDER BERM GUTTER DEBRIS REMOVAL		Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER	
40	LF	GENERIC PAVING ITEM REMOVE & REPLACE SHOULDER BERM GUTTER		1,350.7	LF	GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT	
6	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3		238.3	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION	
4,375	LF	STEEL BEAM GUARDRAIL		0.6	CF	GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CONCRETE GIRDER	
60	LF	STEEL BEAM GUARDRAIL, SHOP CURVED		1,244.4	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION	
20	EA	ADDITIONAL GUARDRAIL POSTS		1	SF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR SILANE DECK TREATMENT	
21	EA	GUARDRAIL END UNITS, TYPE CAT-1		16,642.7	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK	
40,000	LF	REMOVE & RESET EXISTING GUIDERAIL		16,642.7	SY	GENERIC STRUCTURE ITEM SILANE DECK TREATMENT	
4,375	LF	REMOVE EXISTING GUARDRAIL					
27	EA	GENERIC GUARDRAIL ITEM REMOVE & RESET EXISTING GUARDRAIL END UNITS, TYPE TL-3					
464	SF	WORK ZONE SIGNS (STATIONARY)					
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN					
5	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS					
1,294	HR	LAW ENFORCEMENT					
2	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE					
16	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES					
118	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE					
216,060	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)					
10,440	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)					

STRUCTURE ITEMS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L220920 005

CONTRACT ID : C204777 2023CPT.05.03.20921.1 DIV OFFICE DURHAM LENGTH = 24.601 MI

COUNTY : WAKE

MILLING AND RESURFACING.

DBE GOAL 7.00 % COMPLETION DATE : SEP 30, 2024

62 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS			
			600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
Lump Sum	LS	MOBILIZATION	600	LF	GENERIC PAVEMENT MARKING ITEM
20.44	SMI	GENERIC GRADING ITEM			HOT SPRAY THERMOPLASTIC PAVEMENT
		SHOULDER GRADING			MARKING LINES (4", 55 MILS)
554	TON	INCIDENTAL STONE BASE	795	LF	INDUCTIVE LOOP SAWCUT
1,888	TON	AGGREGATE SHOULDER BORROW			
27,360	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2")			
23,660	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (2-1/2")			
350	SY	MILLING ASPHALT PAVEMENT, ****" TO *****" (0" TO 1")			
2,885	SY	MILLING ASPHALT PAVEMENT, ****" TO *****" (0" TO 1-1/2")			
2,420	SY	MILLING ASPHALT PAVEMENT, ****" TO *****" (0" TO 1-1/4")			
8,020	SY	INCIDENTAL MILLING			
3,319	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE II19.0C			
29,907	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
2,281	TON	ASPHALT BINDER FOR PLANT MIX			
2,651	TON	PATCHING EXISTING PAVEMENT			
33	LF	2'-6" CONCRETE CURB & GUTTER			
46	SY	4" CONCRETE SIDEWALK			
17	EA	REMOVE AND REPLACE CURB RAMPS			
37	SY	GENERIC PAVING ITEM			
		REMOVE SIDEWALK			
2	EA	GENERIC PAVING ITEM			
		REMOVE CURB RAMP			
23	EA	GENERIC PAVING ITEM			
		RETROFIT CURB RAMP DETECTABLE WARNINGS			
10	EA	ADJUSTMENT OF MANHOLES			
25	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
15	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
1	EA	SIGN ERECTION, TYPE E			
2,767	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
60	LF	PEDESTRIAN CHANNELIZING DEVICES			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
80	HR	LAW ENFORCEMENT			
2	EA	GENERIC TRAFFIC CONTROL ITEM			
		AUDIBLE WARNING DEVICES			
10	EA	GENERIC TRAFFIC CONTROL ITEM			
		PEDESTRIAN TRANSPORT SERVICE (PER TRIP)			
256,714	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)			
643	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			
10	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)			
59	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
30	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
49,293	LF	PAINT PAVEMENT MARKING LINES (4")			
170	LF	PAINT PAVEMENT MARKING LINES (8")			
1	EA	PAINT PAVEMENT MARKING SYMBOL			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L220920 006

CONTRACT ID : C204778 2023CPT.05.04.10921.1

DIV OFFICE DURHAM

LENGTH = 8.453 MI

COUNTY : WAKE

MILLING AND RESURFACING.

DBE GOAL 7.00 % COMPLETION DATE : SEP 30, 2024

3 SECTIONS OF US-70 AND 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3	SMI	GENERIC GRADING ITEM SHOULDER GRADING
20	TON	INCIDENTAL STONE BASE
200	TON	AGGREGATE SHOULDER BORROW
185,602	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2")
7,137	SY	INCIDENTAL MILLING
4,963	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14,860	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,268	TON	ASPHALT BINDER FOR PLANT MIX
941	TON	PATCHING EXISTING PAVEMENT
528	LF	2'-6" CONCRETE CURB & GUTTER
541	SY	4" CONCRETE SIDEWALK
11	EA	CONCRETE CURB RAMPS
230	EA	REMOVE AND REPLACE CURB RAMPS
386	SY	GENERIC PAVING ITEM REMOVE SIDEWALK
32	EA	GENERIC PAVING ITEM REMOVE CURB RAMPS
22	EA	GENERIC PAVING ITEM RETROFIT CURB RAMP DETECTABLE WARNINGS
13	EA	ADJUSTMENT OF MANHOLES
52	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
880	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
320	LF	PEDESTRIAN CHANNELIZING DEVICES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
1,360	HR	LAW ENFORCEMENT
23	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICE
80	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE
116,570	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
14,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
4,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
38	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
339	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
116,510	LF	PAINT PAVEMENT MARKING LINES (4")
4,650	LF	PAINT PAVEMENT MARKING LINES (24")
3,040	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
15	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
260	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
14	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
2,510	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 55 MILS)
1,330	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
Lump Sum	LS	PORTABLE LIGHTING
35,750	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220920

007

CONTRACT ID : C204735 45897.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 9.332 MI

COUNTY : DAVIDSON

PAVEMENT REHABILITATION AND BRIDGE PRESERVATION.

DBE GOAL 4.00 % COMPLETION DATE : NOV 15, 2024

I-85 FROM US-29/US-52/US-70/I-85 BUS TO NORTH OF SR-2205 (OLD US-64).

ROADWAY ITEMS					
			12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
Lump Sum	LS	MOBILIZATION			(A)
Lump Sum	LS	CONSTRUCTION SURVEYING	8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
50	CY	UNDERCUT EXCAVATION			(B)
Lump Sum	LS	GRADING	20	EA	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	792	SF	HIGH VISIBILITY STATIONARY SIGNS
12,900	SY	GEOTEXTILE FOR SOIL STABILIZATION	731	SF	HIGH VISIBILITY PORTABLE SIGNS
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	46	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
100	SY	FOUNDATION CONDITIONING GEOTEXTILE	7	EA	FLASHING ARROW BOARD
16	LF	15" RC PIPE CULVERTS, CLASS IV	3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
16	LF	18" RC PIPE CULVERTS, CLASS IV	94	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
256	LF	15" CS PIPE CULVERTS, 0.064" THICK	10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
10	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	14	EA	WORK ZONE PRESENCE LIGHTING
282	LF	GENERIC PIPE ITEM 54" PIPE REHABILITATION CIPP LINER	360	EA	HIGH VISIBILITY DRUMS
1,025	LF	GENERIC PIPE ITEM 60" PIPE REHABILITATION CIPP LINER	52	EA	SEQUENTIAL FLASHING WARNING LIGHTS
1,307	LF	GENERIC PIPE ITEM PRE INSTALLATION INSPECTION	100	EA	CONES
5	EA	GENERIC PIPE ITEM DE-WATERING	100	LF	BARRICADES (TYPE III)
76	LF	PIPE REMOVAL	26	DAY	FLAGGER
8,710	TON	INCIDENTAL STONE BASE	2	EA	TEMPORARY CRASH CUSHIONS
192,240	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	1	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
385,150	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	3	EA	TMA
5,760	SY	INCIDENTAL MILLING	2,387	LF	PORTABLE CONCRETE BARRIER
1,760	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	50	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
400	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	640	HR	LAW ENFORCEMENT
18,670	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	50	EA	SKINNY DRUM
44,440	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	4	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE
1,220	TON	ASPHALT BINDER FOR PLANT MIX	263,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
3,230	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	10,850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
415	SY	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS	350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
10	TON	SELECT MATERIAL, CLASS IV	39	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
13,840	TON	ULTRA-THIN BONDED WEARING COURSE	319,857	LF	PAINT PAVEMENT MARKING LINES (6")
182,210	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	14,181	LF	PAINT PAVEMENT MARKING LINES (12")
19	EA	MASONRY DRAINAGE STRUCTURES	971	LF	PAINT PAVEMENT MARKING LINES (24")
13.7	LF	MASONRY DRAINAGE STRUCTURES	87	EA	PAINT PAVEMENT MARKING SYMBOL
3	EA	FRAME WITH GRATE, STD 840.22	4,400	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (4", 30 MILS)
13	EA	FRAME WITH TWO GRATES, STD 840.22	6,450	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (6", 30 MILS)
7	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	358	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1,550	LF	SHOULDER BERM GUTTER	667	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
160	SY	4" CONCRETE PAVED DITCH	3	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
16,775	LF	STEEL BEAM GUARDRAIL	3,350	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
1,225	LF	STEEL BEAM GUARDRAIL, DOUBLE FACED	Lump Sum	LS	PORTABLE LIGHTING
15	EA	ADDITIONAL GUARDRAIL POSTS	2,425	LF	TEMPORARY SILT FENCE
27	EA	GUARDRAIL END UNITS, TYPE CAT-1	115	TON	STONE FOR EROSION CONTROL, CLASS B
38	EA	GUARDRAIL END UNITS, TYPE TL-3	105	TON	SEDIMENT CONTROL STONE
21	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	2	ACR	TEMPORARY MULCHING
19,307	LF	REMOVE EXISTING GUARDRAIL	100	LB	SEED FOR TEMPORARY SEEDING
20	TON	RIP RAP, CLASS B	0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
35	SY	GEOTEXTILE FOR DRAINAGE			

200	LF	TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
6,000	SY	MATTING FOR EROSION CONTROL
115	LF	1/4" HARDWARE CLOTH
460	LF	WATTLE
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
1.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
13	EA	RESPONSE FOR EROSION CONTROL
10	EA	CONCRETE WASHOUT STRUCTURE
		STRUCTURE ITEMS
139,191	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	POLLUTION CONTROL
137.5	SY	CLASS II, SURFACE PREPARATION
1,316	TON	RIP RAP, CLASS B
1,462	SY	GEOTEXTILE FOR DRAINAGE
42.4	CF	CONCRETE REPAIRS
555.6	CF	SHOTCRETE REPAIRS
234.1	LF	EPOXY RESIN INJECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE NO 280137
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE NO 280146
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE NO 280147
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE NO 280152
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 280137
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 280146
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 280147
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 280152
972.6	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
185.3	LF	GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT
8	CY	GENERIC STRUCTURE ITEM FLOWABLE FILL
12.7	CF	GENERIC STRUCTURE ITEM CONCRETE REPAIRS (CLASS B)
4,543.3	SF	GENERIC STRUCTURE ITEM CONCRETE MEDIAN REPLACEMENT
9,066.6	SF	GENERIC STRUCTURE ITEM EPOXY COATING
137.5	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY
16,455.1	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING POLYMER CONCRETE OVERLAY
16,455.1	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
16,455.1	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
100	EA	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING BEARING PLATES

***** BEGIN SCHEDULE AA*****

***** (2 ALTERNATES) *****

571.5	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
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*** OR ***

571.5	CY	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS
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*** END SCHEDULE AA***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L220920

008

CONTRACT ID : C204658 44990.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.526 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL 5.00 % COMPLETION DATE : SEE SPECIAL PROVISIONS

I-485 AT NC-16 (BROOKSHIRE BOULEVARD).

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
Lump Sum	LS	CONSTRUCTION SURVEYING	3,900	LF	STEEL BEAM GUARDRAIL
600	CY	UNDERCUT EXCAVATION	5	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	GRADING	6	EA	GUARDRAIL END UNITS, TYPE CAT-1
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	9	EA	GUARDRAIL END UNITS, TYPE TL-3
14,700	SY	GEOTEXTILE FOR SOIL STABILIZATION	1	EA	GUARDRAIL END UNITS, TYPE TL-2
200	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	7	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
610	SY	FOUNDATION CONDITIONING GEOTEXTILE	125	LF	REMOVE & RESET EXISTING GUARDRAIL
152	LF	15" DRAINAGE PIPE	2,475	LF	REMOVE EXISTING GUARDRAIL
24	LF	18" DRAINAGE PIPE	30	TON	RIP RAP, CLASS B
532	LF	24" DRAINAGE PIPE	1,045	SY	GEOTEXTILE FOR DRAINAGE
8	LF	30" DRAINAGE PIPE	32.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)
176	LF	***" RC PIPE CULVERTS, CLASS ***** (15", V)	28	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
648	LF	15" RC PIPE CULVERTS, CLASS IV	62	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
120	LF	18" RC PIPE CULVERTS, CLASS IV	74	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
56	LF	24" RC PIPE CULVERTS, CLASS IV	1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
112	LF	15" CS PIPE CULVERTS, 0.064" THICK	1	CY	PLAIN CONCRETE SIGN FOUNDATIONS
6	EA	***" CS PIPE ELBOWS, *****" THICK (15", 0.064")	1,447	LB	SUPPORTS, BREAKAWAY STEEL BEAM
423	LF	PIPE REMOVAL	590	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4,900	CY	SHALLOW UNDERCUT	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+90 -L-)
9,750	TON	CLASS IV SUBGRADE STABILIZATION	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (21+07 -L-)
250	TON	STABILIZER AGGREGATE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+00 -LRPA-)
1,900	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (30+40 -L-)
150	TON	INCIDENTAL STONE BASE	1	EA	SIGN ERECTION, TYPE D
610	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (3")	11	EA	SIGN ERECTION, TYPE E
2,350	SY	INCIDENTAL MILLING	12	EA	SIGN ERECTION, TYPE F
5,870	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
4,780	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A)
6,740	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	19	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
900	TON	ASPHALT BINDER FOR PLANT MIX	2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (F)
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1	EA	DISPOSAL OF SUPPORT, OVERHEAD STRUCTURE
0.656	CY	PIPE COLLARS	1	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
29	EA	MASONRY DRAINAGE STRUCTURES	6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4.6	LF	MASONRY DRAINAGE STRUCTURES	28	EA	DISPOSAL OF SUPPORT, U-CHANNEL
11	EA	FRAME WITH TWO GRATES, STD 840.20	2	EA	STOCKPILE SIGN, A OR B (OVERHEAD)
8	EA	FRAME WITH TWO GRATES, STD 840.22	372	SF	WORK ZONE SIGNS (STATIONARY)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	121	SF	WORK ZONE SIGNS (PORTABLE)
8	EA	FRAME WITH COVER, STD 840.54	16	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
385	LF	2'-6" CONCRETE CURB & GUTTER	1	EA	FLASHING ARROW BOARD
1,390	LF	SHOULDER BERM GUTTER	1	EA	PORTABLE CHANGEABLE MESSAGE SIGN
360	LF	CONCRETE EXPRESSWAY GUTTER	700	EA	DRUMS
435	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	24	LF	BARRICADES (TYPE III)
265	LF	VARIABLE HEIGHT CONCRETE BARRIER, TYPE ***** (T2)			
165	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
65	LF	GENERIC PAVING ITEM MODIFIED DOUBLE FACED CONCRETE BARRIER, TYPE T2			

1	EA	TEMPORARY CRASH CUSHIONS	1	EA	ELECTRICAL JUNCTION BOXES ***** (HM36)
1	EA	TMA	12	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)
605	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	2	EA	ELECTRICAL JUNCTION BOXES ***** (IG30)
320	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	1	EA	ELECTRICAL JUNCTION BOXES ***** (IG36)
50	HR	LAW ENFORCEMENT	18	EA	ELECTRICAL JUNCTION BOXES ***** (LS18)
600	EA	TEMPORARY RAISED PAVEMENT MARKERS	Lump Sum	LS	PORTABLE LIGHTING
14,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	371	LF	16" WATER LINE
10,310	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	3,000	LB	DUCTILE IRON WATER PIPE FITTINGS
1,850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1	EA	6" VALVE
210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	1	EA	FIRE HYDRANT
5	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	17	LF	FIRE HYDRANT LEG
69	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1	EA	16" LINE STOP WITH BYPASS
32,000	LF	PAINT PAVEMENT MARKING LINES (4")	354	LF	ABANDON 16" UTILITY PIPE
15,600	LF	PAINT PAVEMENT MARKING LINES (6")	1	EA	REMOVE FIRE HYDRANT
570	LF	PAINT PAVEMENT MARKING LINES (8")	144	LF	24" ENCASEMENT PIPE
480	LF	PAINT PAVEMENT MARKING LINES (24")	144	LF	BORE AND JACK OF **" (24")
5	EA	PAINT PAVEMENT MARKING CHARACTER	1	EA	GENERIC UTILITY ITEM CONCRETE CRADLE
81	EA	PAINT PAVEMENT MARKING SYMBOL	2	EA	GENERIC UTILITY ITEM CONCRETE THRUST COLLAR
27,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	10,885	LF	TEMPORARY SILT FENCE
7,500	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	290	TON	STONE FOR EROSION CONTROL, CLASS A
570	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	905	TON	STONE FOR EROSION CONTROL, CLASS B
530	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	900	TON	SEDIMENT CONTROL STONE
85	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	9	ACR	TEMPORARY MULCHING
550	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	500	LB	SEED FOR TEMPORARY SEEDING
2	EA	100' HIGH MOUNT STANDARD	2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
6	EA	120' HIGH MOUNT STANDARD	200	LF	TEMPORARY SLOPE DRAINS
1	EA	PORTABLE DRIVE UNIT	500	LF	SAFETY FENCE
71	CY	HIGH MOUNT FOUNDATIONS	520	CY	SILT EXCAVATION
60	EA	HIGH MOUNT LUMINAIRES ***** (560W LED)	18,800	SY	MATTING FOR EROSION CONTROL
18	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM)	100	SY	COIR FIBER MAT
16	EA	STANDARD FOUNDATION ***** (TYPE R1)	2,795	LF	1/4" HARDWARE CLOTH
2	EA	STANDARD FOUNDATION ***** (TYPE R2)	4	EA	SPECIAL STILLING BASINS
18	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW, 185W LED)	185	LB	POLYACRYLAMIDE (PAM)
1	EA	ELECTRIC SERVICE POLE ***** (30' CLASS 4)	45	LF	COIR FIBER BAFFLE
25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	9	ACR	SEEDING & MULCHING
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V)	6	ACR	MOWING
300	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	100	LB	SEED FOR REPAIR SEEDING
230	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (2")	0.25	TON	FERTILIZER FOR REPAIR SEEDING
1,140	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	200	LB	SEED FOR SUPPLEMENTAL SEEDING
250	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")	5.5	TON	FERTILIZER TOPDRESSING
325	LF	** #4 W/G FEEDER CIRCUIT (2)	10	MHR	SPECIALIZED HAND MOWING
1,455	LF	** #2 W/G FEEDER CIRCUIT (2)	1	MHR	MANUAL LITTER REMOVAL
4,873	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	1	TON	LITTER DISPOSAL
1,010	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	75	EA	RESPONSE FOR EROSION CONTROL
5,006	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	5	EA	CONCRETE WASHOUT STRUCTURE
1	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)	15	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
7	EA	ELECTRICAL JUNCTION BOXES ***** (HM18)	15	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
			2,735	LF	SIGNAL CABLE
			18	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
			815	LF	MESSANGER CABLE (3/8")
			2,170	LF	TRACER WIRE
			1,825	LF	UNPAVED TRENCHING (*****) (2, 2")
			350	LF	DIRECTIONAL DRILL (*****) (2, 2")
			170	LF	DIRECTIONAL DRILL (*****) (3, 2")
			6	EA	JUNCTION BOX (STANDARD SIZE)

7	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
1	EA	WOOD POLE
1	EA	GUY ASSEMBLY
1	EA	2" RISER WITH WEATHERHEAD
1,520	LF	INDUCTIVE LOOP SAWCUT
5,075	LF	LEAD-IN CABLE (*****) (14-2)
2	EA	SITE SURVEY
2	EA	RELOCATE CAMERA SENSOR UNIT
1	EA	METAL STRAIN SIGNAL POLE
1	EA	SOIL TEST
5.5	CY	DRILLED PIER FOUNDATION
1	EA	METAL STRAIN POLE DESIGN
7	EA	SIGN FOR SIGNALS
2	EA	SIGNAL CABINET FOUNDATION
8	EA	DETECTOR CARD (NEMA TS-2)
2	EA	CABINET BASE EXTENDER
1	EA	METAL POLE FOUNDATION REMOVAL
1	EA	METAL POLE REMOVAL
2	EA	GENERIC SIGNAL ITEM ACCESS TO THE TRAFFIC SIGNAL CONTROLLER CABINET/BOX
2	EA	GENERIC SIGNAL ITEM CONTROLLERS WITH CABINET (TYPE 2070LX, NEMA TS-2, TYPE P, BASE MOUNTED)
6	EA	GENERIC SIGNAL ITEM ELECTRONIC BALL MARKER
2	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
4	EA	GENERIC SIGNAL ITEM ETHERNET SMALL FORM-FACTOR PLUGGABLE PORT (SFP) (GLX-R)
2	EA	GENERIC SIGNAL ITEM FIBER CURB MARKER ASSEMBLY UNIT
4	EA	GENERIC SIGNAL ITEM FIBER OPTIC JUMPER ASSEMBLY UNIT (1)ST/LC
2	EA	GENERIC SIGNAL ITEM FIBER OPTIC PATCH PANEL UNIT
4	EA	GENERIC SIGNAL ITEM FIBER OPTIC POWER LEVEL TEST ASSEMBLY UNIT
130	EA	GENERIC SIGNAL ITEM FIBER OPTIC SPLICE TEST ASSEMBLY
162	EA	GENERIC SIGNAL ITEM FIBER OPTIC SPLICING ASSEMBLY UNIT
2	EA	GENERIC SIGNAL ITEM MANHOLE CONDUIT ENTRANCE UNIT (2)
1	EA	GENERIC SIGNAL ITEM PLACING NEW CONDUIT AND CABLES IN EXISTING HANDHOLE UNIT
1	EA	GENERIC SIGNAL ITEM PLACING NEW CONDUIT AND CABLES IN EXISTING MANHOLE UNIT
4	EA	GENERIC SIGNAL ITEM STAND-OFF BRACKET ASSEMBLY
2	EA	GENERIC SIGNAL ITEM UNDERGROUND FIBER OPTIC CLOSURE ASSEMBLY UNIT (72)
2	EA	GENERIC SIGNAL ITEM UNDERGROUND SPLICE CLOSURE REARRANGEMENT UNIT
215	LF	GENERIC SIGNAL ITEM PROOF EXISTING CONDUIT UNIT
180	LF	GENERIC SIGNAL ITEM REMOVING EXISTING FIBER CABLE FROM CONDUIT UNIT
22	LF	GENERIC SIGNAL ITEM REPAIR EXISTING CONDUIT UNIT
31	LF	GENERIC SIGNAL ITEM ROCK DRILLING ADDER UNIT
158	LF	GENERIC SIGNAL ITEM ROCK EXCAVATING ADDER UNIT
31	LF	GENERIC SIGNAL ITEM SOLID ROCK DRILLING ADDER UNIT
3,095	LF	GENERIC SIGNAL ITEM UNDERGROUND FIBER OPTIC CABLE ASSEMBLY UNIT (72 FIBERS)
155	LF	GENERIC SIGNAL ITEM UNDERGROUND FIBER OPTIC CABLE STUB UNIT (6 FIBER)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220920

009

CONTRACT ID : C204740 38368.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.665 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.00 % COMPLETION DATE : MAR 14, 2027

BRIDGES #370 AND #373 OVER REEMS CREEK ON US-19/23, US-25, AND US-70.

ROADWAY ITEMS					
			9,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
Lump Sum	LS	MOBILIZATION	8,920	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	CONSTRUCTION SURVEYING	7,800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	1,315	TON	ASPHALT BINDER FOR PLANT MIX
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
52,480	CY	UNCLASSIFIED EXCAVATION	13,970	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (315+72.39 -L-)	19	EA	RIGHT-OF-WAY MARKERS
900	CY	UNDERCUT EXCAVATION	168	CY	SUBDRAIN EXCAVATION
29,110	CY	BORROW EXCAVATION	500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
20	CY	DRAINAGE DITCH EXCAVATION	84	CY	SUBDRAIN COARSE AGGREGATE
8,290	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	500	LF	6" PERFORATED SUBDRAIN PIPE
14,670	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	1	EA	SUBDRAIN PIPE OUTLET
10	HR	PROOF ROLLING	6	LF	6" OUTLET PIPE
600	CY	SELECT GRANULAR MATERIAL	8	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
3,800	SY	GEOTEXTILE FOR SOIL STABILIZATION	11.7	CY	ENDWALLS
10,400	SF	TEMPORARY SHORING	53	CY	FLOWABLE FILL
450	SY	ROCK PLATING	31	EA	MASONRY DRAINAGE STRUCTURES
3,800	SY	GENERIC GRADING ITEM TYPE II, GEOTEXTILE FOR MATERIAL SEPARATION	46.9	LF	MASONRY DRAINAGE STRUCTURES
2,000	SY	GENERIC GRADING ITEM TYPE V, GEOTEXTILE FOR MATERIAL SEPARATION	24	EA	FRAME WITH TWO GRATES, STD 840.20
30,800	TON	SELECT MATERIAL, CLASS ***** (VII)	3	EA	FRAME WITH TWO GRATES, STD 840.22
260	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3	EA	FRAME WITH COVER, STD 840.54
820	SY	FOUNDATION CONDITIONING GEOTEXTILE	2,780	LF	SHOULDER BERM GUTTER
280	LF	***** RC PIPE CULVERTS, CLASS IV (48")	88.5	SY	4" CONCRETE PAVED DITCH
1,136	LF	15" RC PIPE CULVERTS, CLASS IV	3,092	LF	CONCRETE BARRIER, TYPE ***** (I, SINGLE SLOPE)
152	LF	18" RC PIPE CULVERTS, CLASS IV	3,875	LF	STEEL BEAM GUARDRAIL
360	LF	24" RC PIPE CULVERTS, CLASS IV	62.5	LF	STEEL BEAM GUARDRAIL, DOUBLE FACED
244	LF	30" RC PIPE CULVERTS, CLASS IV	10	EA	ADDITIONAL GUARDRAIL POSTS
184	LF	15" CS PIPE CULVERTS, 0.064" THICK	3	EA	GUARDRAIL END UNITS, TYPE CAT-1
48	LF	18" CS PIPE CULVERTS, 0.064" THICK	3	EA	GUARDRAIL END UNITS, TYPE TL-3
40	LF	24" CS PIPE CULVERTS, 0.064" THICK	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
12	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	9,600	LF	REMOVE EXISTING GUARDRAIL
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	1,430	LF	WOVEN WIRE FENCE, 47" FABRIC
100	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")	70	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
100	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")	80	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
112	LF	PIPE REMOVAL	16	LF	CHAIN LINK FENCE, *** FABRIC (72")
Lump Sum	LS	FINE GRADING	4	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
400	CY	SHALLOW UNDERCUT	1	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (72")
800	TON	CLASS IV SUBGRADE STABILIZATION	1	EA	SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (72", 14', 14')
50	TON	STABILIZER AGGREGATE	550	TON	RIP RAP, CLASS I
16,505	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION	110	TON	RIP RAP, CLASS B
23,400	TON	AGGREGATE BASE COURSE	1,590	SY	GEOTEXTILE FOR DRAINAGE
100	TON	INCIDENTAL STONE BASE	4	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
850	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	29	CY	OVERHEAD FOOTING
1,200	SY	INCIDENTAL MILLING	3,481	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			100	LF	SUPPORTS, 3-LB STEEL U-CHANNEL

Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (320+00.00 -L-)	100	EA	RESPONSE FOR EROSION CONTROL
3	EA	SIGN ERECTION, TYPE D	4	EA	CONCRETE WASHOUT STRUCTURE
2	EA	SIGN ERECTION, MILEMARKERS	7	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
4	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (A)	14	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
8	EA	DISPOSAL OF SUPPORT, STEEL BEAM			WALL ITEMS
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1,486	SF	MSE RETAINING WALL NO ***** (1)
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1,321	SF	MSE RETAINING WALL NO ***** (2)
698	SF	HIGH VISIBILITY STATIONARY SIGNS			STRUCTURE ITEMS
231	SF	HIGH VISIBILITY PORTABLE SIGNS			
18	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (315+72.39 -L-)
4	EA	FLASHING ARROW BOARD	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (315+72.39 -L-)
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	Lump Sum	LS	ASBESTOS ASSESSMENT
100	EA	HIGH VISIBILITY DRUMS	112.5	LF	***,***" DIA DRILLED PIERS IN SOIL (5'-0")
24	EA	SEQUENTIAL FLASHING WARNING LIGHTS	108	LF	***,***" DIA DRILLED PIERS NOT IN SOIL (5'-0")
4	EA	TEMPORARY CRASH CUSHIONS	135	LF	PERMANENT STEEL CASING FOR ***,***" DIA DRILLED PIER (5'-0")
5	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	1	EA	CSL TESTING
2	EA	TMA	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (315+72.39 -L-)
4,320	LF	PORTABLE CONCRETE BARRIER	36,107	SF	REINFORCED CONCRETE DECK SLAB
1,230	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	38,367	SF	GROOVING BRIDGE FLOORS
4,760	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER	620.9	CY	CLASS A CONCRETE (BRIDGE)
32	HR	LAW ENFORCEMENT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (315+72.39 -L-)
140	EA	TEMPORARY RAISED PAVEMENT MARKERS	177,461	LB	REINFORCING STEEL (BRIDGE)
3,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)	22,588	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,750	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)	56	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
16,425	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (6", 20 MILS)	2,525	LF	HP 14 X 73 STEEL PILES
58,000	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"	576.5	LF	CONCRETE BARRIER RAIL
1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	338.3	LF	CONCRETE MEDIAN BARRIER
8	EA	PERMANENT RAISED PAVEMENT MARKERS	1,970	TON	RIP RAP CLASS II (2'-0" THICK)
82	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	2,189	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	PORTABLE LIGHTING	Lump Sum	LS	ELASTOMERIC BEARINGS
10,580	LF	TEMPORARY SILT FENCE	4,300.63	LF	GENERIC STRUCTURE ITEM FIB 72" PRESTRESSED CONCRETE GIRDER
680	TON	STONE FOR EROSION CONTROL, CLASS A			
2,465	TON	STONE FOR EROSION CONTROL, CLASS B			
1,225	TON	SEDIMENT CONTROL STONE			
15.5	ACR	TEMPORARY MULCHING			
800	LB	SEED FOR TEMPORARY SEEDING			
6	TON	FERTILIZER FOR TEMPORARY SEEDING			
800	LF	TEMPORARY SLOPE DRAINS			
440	LF	SAFETY FENCE			
4,400	CY	SILT EXCAVATION			
54,700	SY	MATTING FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
2,000	SY	PERMANENT SOIL REINFORCEMENT MAT			
970	LF	1/4" HARDWARE CLOTH			
100	LF	COIR FIBER WATTLE			
510	LB	POLYACRYLAMIDE (PAM)			
670	LF	COIR FIBER BAFFLE			
5	EA	*** SKIMMER (1-1/2")			
10	ACR	SEEDING & MULCHING			
8	ACR	MOWING			
200	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			
350	LB	SEED FOR SUPPLEMENTAL SEEDING			
10.25	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
5	MHR	MANUAL LITTER REMOVAL			
1	TON	LITTER DISPOSAL			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220920

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CONTRACT ID: C204726 46409.3.3

DIV OFFICE ASHEVILLE

LENGTH = 5.110 MI

COUNTY : BUNCOMBE

PAVEMENT REHABILITATION AND BRIDGE PRESERVATION.

DBE GOAL 6.00 % COMPLETION DATE : APR 30, 2025

I-40 FROM MILEMARKER 45.25 TO MILEMARKER 50.

ROADWAY ITEMS					
			35	EA	GUARDRAIL END UNITS, TYPE TL-3
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83
Lump Sum	LS	MOBILIZATION	1,354	LF	REMOVE & RESET EXISTING GUARDRAIL
480	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	50,125	LF	REMOVE EXISTING GUARDRAIL
50	SY	GEOTEXTILE FOR SOIL STABILIZATION	5,040	LF	GENERIC GUARDRAIL ITEM
1,800	TON	GENERIC GRADING ITEM			REMOVAL OF EXISTING 20" TUBULAR
		AGGREGATE FOR BACKFILL			TRIPLE CORRUGATED STEEL BEAM
16.78	SMI	SHOULDER RECONSTRUCTION			GUARDRAIL
2,183	TON	AGGREGATE SHOULDER BORROW	100	EA	GENERIC GUARDRAIL ITEM
255,078	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			RESPONSE FOR GUARDRAIL/GUIDERAIL
2,249	SY	INCIDENTAL MILLING	50	TON	MAINTENANCE
29,019	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	1,320	SF	RIP RAP, CLASS II
2,012	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	432	SF	WORK ZONE SIGNS (STATIONARY)
40	TON	PATCHING EXISTING PAVEMENT	112	SF	WORK ZONE SIGNS (PORTABLE)
6,805	TON	ULTRA-THIN BONDED WEARING COURSE	6	EA	WORK ZONE SIGNS (BARRICADE MOUNTED)
89,745	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	7	EA	FLASHING ARROW BOARD
4,350	LF	GENERIC PAVING ITEM	15	EA	PORTABLE CHANGEABLE MESSAGE SIGN
		JOINT CONSTRUCTION, REPAIR, AND SEALING	260	EA	WORK ZONE PRESENCE LIGHTING
1,750	SY	GENERIC PAVING ITEM	80	LF	DRUMS
		REPAIR OF 8" CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	20	LF	BARRICADES (TYPE III)
5	EA	FRAME WITH TWO GRATES, STD 840.16	20	DAY	PEDESTRIAN CHANNELIZING DEVICES
25	EA	GENERIC DRAINAGE ITEM	3	EA	FLAGGER
		DRAINAGE STRUCTURE CLEAN OUT	1,000	HR	TMA
5	EA	GENERIC DRAINAGE ITEM	83	EA	LAW ENFORCEMENT
		DRAINAGE STRUCTURE REPAIR	16	EA	GENERIC TRAFFIC CONTROL ITEM
15	EA	GENERIC DRAINAGE ITEM			RAMP/LOOP CLOSURES
		REMOVE AND REPLACE 12" FUNNEL DRAIN PIPE ELBOWS	300	EA	GENERIC TRAFFIC CONTROL ITEM
47	EA	GENERIC DRAINAGE ITEM			SEQUENTIAL FLASHING WARNING LIGHTS
		REMOVE AND REPLACE CONCRETE APRON	4	EA	GENERIC TRAFFIC CONTROL ITEM
15	EA	GENERIC DRAINAGE ITEM			WORK ZONE DIGITAL SPEED LIMIT SIGNS
		REMOVE AND REPLACE METAL FUNNELS	123,802	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
300	LF	GENERIC DRAINAGE ITEM	120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		REMOVE AND REPLACE 12" FUNNEL DRAIN PIPE	3,671	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
540	LF	*** X *** CONCRETE CURB (8" X 6")	65	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1,700	SY	GENERIC PAVING ITEM	8	EA	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
		REMOVE AND REPLACE 4" CONCRETE PAVED DITCH	24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
604	SY	GENERIC PAVING ITEM			THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		REMOVE AND REPLACE 5" CONCRETE ISLANDS	727,048	LF	PAINT PAVEMENT MARKING LINES (4")
620	LF	GENERIC PAVING ITEM	720	LF	PAINT PAVEMENT MARKING LINES (8")
		REMOVE AND REPLACE 2'-6" CURB AND GUTTER	19,420	LF	PAINT PAVEMENT MARKING LINES (12")
1,040	LF	GENERIC PAVING ITEM	390	LF	PAINT PAVEMENT MARKING LINES (24")
		REMOVE AND REPLACE 8" X 6" CURB	32	EA	PAINT PAVEMENT MARKING CHARACTER
740	LF	GENERIC PAVING ITEM	101	EA	PAINT PAVEMENT MARKING SYMBOL
		REMOVE AND REPLACE CONCRETE EXPRESSWAY GUTTER	6,926	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (6", 20 MILS)
2,740	LF	GENERIC PAVING ITEM			
		REMOVE AND REPLACE SHOULDER BERM GUTTER	1,092	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
1	EA	ADJUSTMENT OF MANHOLES	Lump Sum	LS	PORTABLE LIGHTING
39,275	LF	STEEL BEAM GUARDRAIL	100	LF	TEMPORARY SILT FENCE
62.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	100	TON	SEDIMENT CONTROL STONE
21	EA	TRIPLE CORRUGATED STEEL BEAM GUARDRAIL TERMINAL SECTIONS	100	LF	SAFETY FENCE
4,920	LF	20" TUBULAR TRIPLE CORRUGATED STEEL BEAM GUARDRAIL	150	SY	MATTING FOR EROSION CONTROL
39	EA	W-TR STEEL BEAM GUARDRAIL TRANSITION SECTIONS	50	LF	1/4" HARDWARE CLOTH
30	EA	ADDITIONAL GUARDRAIL POSTS	1	ACR	SEEDING & MULCHING
32	EA	GUARDRAIL END UNITS, TYPE CAT-1	10	EA	RESPONSE FOR EROSION CONTROL
22	EA	GUARDRAIL ANCHOR UNITS, TYPE III	4	EA	CONCRETE WASHOUT STRUCTURE

516	LF	INDUCTIVE LOOP SAWCUT
110	LF	LEAD-IN CABLE (*****) (14-2)
STRUCTURE ITEMS		
75,775	SF	GROOVING BRIDGE FLOORS
2.8	CF	CONCRETE REPAIRS
2,278.9	CF	SHOTCRETE REPAIRS
31	LF	EPOXY RESIN INJECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM PEDESTRIAN PROTECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM WATERCRAFT SAFETY
1,650	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
4	CY	GENERIC STRUCTURE ITEM FLOWABLE FILL
686.7	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH
344.6	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
1,536	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
3,048	SF	GENERIC STRUCTURE ITEM EPOXY COATING
23,164	SY	GENERIC STRUCTURE ITEM FINE MILLING
9,299	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
9,299	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING OF LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH
7	EA	GENERIC STRUCTURE ITEM REMOVE AND REPLACE W 6 X 9 POSTS
15	EA	GENERIC STRUCTURE ITEM TEMPORARY RIVER TRAFFIC WARNING SIGNS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220920

011

CONTRACT ID : C204739 32572.3.14

DIV OFFICE SYLVA

LENGTH = 3.911 MI

COUNTY : GRAHAM

GRADING, DRAINAGE, PAVING AND STRUCTURES.

DBE GOAL 4.00 % COMPLETION DATE : DEC 12, 2027

NC-143 FROM SR-1223 (BEECH CREEK RD) TO 0.5 MILES NORTH OF APPALACHIAN TRAIL.

ROADWAY ITEMS					
			1,756	LF	15" RC PIPE CULVERTS, CLASS IV
			1,140	LF	18" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	MOBILIZATION	136	LF	24" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	CONSTRUCTION SURVEYING	196	LF	30" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	212	LF	36" RC PIPE CULVERTS, CLASS IV
	2	ACR SUPPLEMENTARY CLEARING & GRUBBING	144	LF	42" RC PIPE CULVERTS, CLASS IV
	1	EA SEALING ABANDONED WELLS	16	LF	***" HDPE PIPE CULVERTS (6")
255,000	CY	UNCLASSIFIED EXCAVATION	148	LF	***" CAA PIPE CULVERTS, ***** THICK (36", 0.075")
34,060	CY	UNDERCUT EXCAVATION	40	LF	***" CAA PIPE CULVERTS, ***** THICK (48", 0.105")
640	CY	DRAINAGE DITCH EXCAVATION	80	LF	***" CAA PIPE CULVERTS, ***** THICK (60", 0.135")
250	LF	BERM DITCH CONSTRUCTION	1	EA	***" CAA PIPE ELBOWS, ***** THICK (48", 0.105")
14,770	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	192	LF	***" CS PIPE CULVERTS, ***** THICK (30", 0.064")
34,960	CY	SELECT GRANULAR MATERIAL, CLASS III	464	LF	***" CS PIPE CULVERTS, ***** THICK (36", 0.064")
18,460	SY	GEOTEXTILE FOR SOIL STABILIZATION	12	LF	***" CS PIPE CULVERTS, ***** THICK (42", 0.064")
2,215	SF	TEMPORARY SHORING	80	LF	***" CS PIPE CULVERTS, ***** THICK (48", 0.064")
340	SY	ROCK PLATING	460	LF	15" CS PIPE CULVERTS, 0.064" THICK
4,400	CY	GENERIC GRADING ITEM UNDERCUT EXCAVATION FOR TOE SHEAR KEY	940	LF	18" CS PIPE CULVERTS, 0.064" THICK
1,000	SY	GENERIC GRADING ITEM GEOTEXTILE FOR ROCK FILL	372	LF	24" CS PIPE CULVERTS, 0.064" THICK
5,250	SY	GENERIC GRADING ITEM GEOTEXTILE FOR TOE SHEAR KEY	12	EA	***" CS PIPE ELBOWS, ***** THICK (15", 0.064")
300	SY	GENERIC GRADING ITEM WIRE MESH (TYPE 1)	25	EA	***" CS PIPE ELBOWS, ***** THICK (18", 0.064")
300	SY	GENERIC GRADING ITEM WIRE MESH (TYPE 2)	11	EA	***" CS PIPE ELBOWS, ***** THICK (24", 0.064")
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	6	EA	***" CS PIPE ELBOWS, ***** THICK (30", 0.064")
2,000	TON	GENERIC GRADING ITEM ROCK FILL FOR EMBANKMENT STABILIZATION	10	EA	***" CS PIPE ELBOWS, ***** THICK (36", 0.064")
500	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI FOR ROCK FILL	1	EA	***" CS PIPE ELBOWS, ***** THICK (42", 0.064")
1,750	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI FOR TOE SHEAR KEY	3	EA	***" CS PIPE ELBOWS, ***** THICK (48", 0.064")
7,100	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VII FOR TOE SHEAR KEY	96	LF	***" WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")
5,500	LF	GENERIC GRADING ITEM APPALACHIAN NATIONAL SCENIC TRAIL	96	LF	***" WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")
2,050	LF	GENERIC GRADING ITEM OBLITERATION OF ABANDONED TRAIL	152	LF	GENERIC PIPE ITEM 6" PVC PIPE CULVERTS (SPRING BOX)
1,250	LF	GENERIC GRADING ITEM UNTENSIONED ROCK ANCHOR	76	LF	GENERIC PIPE ITEM 64" X 43" CAA PIPE ARCH CULVERT, 0.135" THICK
1,430	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3,825	LF	PIPE REMOVAL
4,500	SY	FOUNDATION CONDITIONING GEOTEXTILE	50	SY	4" SLOPE PROTECTION
1,644	LF	15" DRAINAGE PIPE	Lump Sum	LS	FINE GRADING
1,304	LF	18" DRAINAGE PIPE	1,500	CY	SHALLOW UNDERCUT
956	LF	24" DRAINAGE PIPE	5,400	TON	CLASS IV SUBGRADE STABILIZATION
122	LF	30" DRAINAGE PIPE	600	TON	STABILIZER AGGREGATE
324	LF	36" DRAINAGE PIPE	5,610	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
52	LF	42" DRAINAGE PIPE	2,000	TON	AGGREGATE BASE COURSE
28	LF	48" DRAINAGE PIPE	5,000	TON	INCIDENTAL STONE BASE
368	LF	15" RC PIPE CULVERTS, CLASS III	1.23	SMI	SHOULDER RECONSTRUCTION
696	LF	18" RC PIPE CULVERTS, CLASS III	300	TON	AGGREGATE SHOULDER BORROW
604	LF	24" RC PIPE CULVERTS, CLASS III	10,000	SY	MILLING ASPHALT PAVEMENT, ***** TO ***** (0" TO 3")
76	LF	30" RC PIPE CULVERTS, CLASS III	1,000	SY	INCIDENTAL MILLING
172	LF	36" RC PIPE CULVERTS, CLASS III	22,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
88	LF	42" RC PIPE CULVERTS, CLASS III			
244	LF	48" RC PIPE CULVERTS, CLASS III			

16,500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	3	EA	GENERIC GUARDRAIL ITEM GUARDRAIL ANCHOR UNITS, TYPE B-77, SHOP CURVED
24,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	679	LF	GENERIC FENCING ITEM BLACK VINYL COATED CHAIN LINK FENCE, 48" FABRIC
3,250	TON	ASPHALT BINDER FOR PLANT MIX			
1,000	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,325	LF	GENERIC FENCING ITEM STEEL PIPE HANDRAIL
2,016	CY	SUBDRAIN EXCAVATION	12,000	LF	GENERIC FENCING ITEM WILDLIFE FENCE WITH POSTS
9,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	70	EA	GENERIC FENCING ITEM BLACK VINYL COATED METAL LINE POST FOR 48" CHAIN LINK FENCE
1,512	CY	SUBDRAIN COARSE AGGREGATE			
9,000	LF	6" PERFORATED SUBDRAIN PIPE	91	EA	GENERIC FENCING ITEM BLACK VINYL COATED METAL TERMINAL POST FOR 48" CHAIN LINK FENCE
18	EA	SUBDRAIN PIPE OUTLET			
108	LF	6" OUTLET PIPE			
3,200	LF	SHOULDER DRAIN	5	EA	GENERIC FENCING ITEM CATTLE GUARDS
20	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	4	EA	GENERIC FENCING ITEM WILDLIFE GATES
56.489	CY	ENDWALLS	9	EA	GENERIC FENCING ITEM WILDLIFE JUMP OUTS
0.353	CY	PIPE COLLARS	950	TON	RIP RAP, CLASS I
204	CY	FLOWABLE FILL	580	TON	RIP RAP, CLASS II
147	EA	MASONRY DRAINAGE STRUCTURES	550	TON	RIP RAP, CLASS B
8.1	CY	MASONRY DRAINAGE STRUCTURES	12,600	SY	GEOTEXTILE FOR DRAINAGE
257.5	LF	MASONRY DRAINAGE STRUCTURES	1,140	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	FRAME WITH GRATE, STD 840.22	4	EA	SIGN ERECTION, TYPE D
4	EA	FRAME WITH TWO GRATES, STD 840.16	69	EA	SIGN ERECTION, TYPE E
73	EA	FRAME WITH TWO GRATES, STD 840.20	2	EA	SIGN ERECTION, TYPE F
59	EA	FRAME WITH TWO GRATES, STD 840.22	2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
11	EA	FRAME WITH COVER, STD 840.54	4	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
4	EA	GENERIC DRAINAGE ITEM DE-WATERING	4	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
3	EA	GENERIC DRAINAGE ITEM MANHOLE (4' DIA OVER 30' DEEP)	20	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
344	LF	GENERIC DRAINAGE ITEM 18" PIPE REHABILITATION CIPP LINER	6	EA	DISPOSAL OF SUPPORT, U-CHANNEL
313	LF	GENERIC DRAINAGE ITEM 24" PIPE REHABILITATION CIPP LINER	417	SF	WORK ZONE SIGNS (STATIONARY)
3,335	LF	GENERIC DRAINAGE ITEM HORIZONTAL DRAINS	549	SF	WORK ZONE SIGNS (PORTABLE)
657	LF	GENERIC DRAINAGE ITEM PRE-INSTALLATION INSPECTION	151	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
260	LF	*** X *** CONCRETE CURB (8" X 12")	1	EA	FLASHING ARROW BOARD
4,970	LF	SHOULDER BERM GUTTER	6	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1,030	LF	CONCRETE EXPRESSWAY GUTTER	2	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
1,050	SY	4" CONCRETE SIDEWALK	1,410	EA	DRUMS
120	SY	6" CONCRETE DRIVEWAY	75	EA	CONES
1,750	SY	4" CONCRETE PAVED DITCH	240	LF	BARRICADES (TYPE III)
40	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	698	LF	PEDESTRIAN CHANNELIZING DEVICES
540	LF	CONCRETE BARRIER, TYPE ***** (T)	2,160	DAY	FLAGGER
4	EA	CONCRETE BARRIER TRANSITION SECTION	9	EA	TEMPORARY CRASH CUSHIONS
1,150	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	4	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
600	SY	GENERIC PAVING ITEM 5-1/2" CONCRETE OVERLAY	180	LF	PORTABLE CONCRETE BARRIER
5,350	LF	GENERIC PAVING ITEM PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED (STAINED)	1,325	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
1	EA	ADJUSTMENT OF DROP INLETS	120	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	300	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)
2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	250	EA	TEMPORARY RAISED PAVEMENT MARKERS
14,825	LF	STEEL BEAM GUARDRAIL	110,548	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
500	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	1,370	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
30	EA	EXTRA LENGTH GUARDRAIL POST (** STEEL) (8')	64	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
10	EA	ADDITIONAL GUARDRAIL POSTS	29	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
18	EA	GUARDRAIL END UNITS, TYPE AT-1	114,968	LF	PAINT PAVEMENT MARKING LINES (4")
1	EA	GUARDRAIL END UNITS, TYPE CAT-1	104	LF	PAINT PAVEMENT MARKING LINES (8")
34	EA	GUARDRAIL END UNITS, TYPE TL-3	12	LF	PAINT PAVEMENT MARKING LINES (24")
1	EA	GUARDRAIL END UNITS, TYPE TL-2			
20	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	3,910	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
45,802	LF	REMOVE EXISTING GUARDRAIL	944	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
650	LF	TEMPORARY STEEL BEAM GUARDRAIL	Lump Sum	LS	PORTABLE LIGHTING
6	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)	1,400	LF	GENERIC UTILITY ITEM INSTALLATION OF CONDUIT

49,225	LF	TEMPORARY SILT FENCE	3	EA	GENERIC PLANTING ITEM
4,375	TON	STONE FOR EROSION CONTROL, CLASS A			HALESIA TETRAPTERA, SILVERBELL (8")
15,725	TON	STONE FOR EROSION CONTROL, CLASS B	85	EA	GENERIC PLANTING ITEM
8,365	TON	SEDIMENT CONTROL STONE			RHODODENDRON CALENDULACEUM, FLAME AZALEA (24")
60.5	ACR	TEMPORARY MULCHING	150	EA	GENERIC PLANTING ITEM
2,500	LB	SEED FOR TEMPORARY SEEDING	328	EA	RUBUS CANADENSIS, BLACKBERRY (24")
13.5	TON	FERTILIZER FOR TEMPORARY SEEDING			GENERIC PLANTING ITEM
2,420	LF	TEMPORARY SLOPE DRAINS	10	EA	SAMBUCUS CANADENSIS, ELDERBERRY (24")
21,200	LF	SAFETY FENCE			GENERIC PLANTING ITEM
32,510	CY	SILT EXCAVATION	5	EA	VACCINIUM CORYMBOSUM, SMOOTH Highbush BLUEBERRY (24")
167,204	SY	MATTING FOR EROSION CONTROL			GENERIC PLANTING ITEM
36,940	SY	COIR FIBER MAT	39	EA	VIBURNUM PRUNIFOLIUM, BLACK HAW (24")
9,595	LF	1/4" HARDWARE CLOTH			GENERIC PLANTING ITEM
55	LF	*** TEMPORARY PIPE (36")	12	EA	BOULDERS
10	EA	SPECIAL STILLING BASINS	300	CY	GENERIC PLANTING ITEM ESTABLISHMENT
100	LF	COIR FIBER WATTLE	100	M/G	MULCH FOR PLANTING
3,220	LB	POLYACRYLAMIDE (PAM)	1,700	SY	WATER FOR PLANTING
6,170	LF	COIR FIBER BAFFLE	1,700	SY	POSTEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
50	EA	*** SKIMMER (1-1/2")	Lump Sum	LS	PREEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
1	EA	*** SKIMMER (2")	2,800	CY	GENERIC PLANTING ITEM (LS) LANDSCAPE GRADING
45	ACR	SEEDING & MULCHING	600	LF	GENERIC PLANTING ITEM
48	ACR	MOWING	1	CY	PLANTER SOIL MIX
650	LB	SEED FOR REPAIR SEEDING	1,100	CY	GENERIC PLANTING ITEM
2	TON	FERTILIZER FOR REPAIR SEEDING			WORM STYLE FENCING
1,000	LB	SEED FOR SUPPLEMENTAL SEEDING			CONCRETE STEPS
29.5	TON	FERTILIZER TOPDRESSING			TOPSOIL
170	LF	IMPERVIOUS DIKE			
80	MHR	SPECIALIZED HAND MOWING			
27	MHR	MANUAL LITTER REMOVAL			
7	TON	LITTER DISPOSAL			
150	EA	RESPONSE FOR EROSION CONTROL			
20	EA	CONCRETE WASHOUT STRUCTURE			
16	ACR	REFORESTATION	291	TON	
0.05	ACR	STREAMBANK REFORESTATION			
66	EA	GENERIC EROSION CONTROL ITEM			
198	EA	FABRIC INSERT INLET PROTECTION DEVICE			
120	EA	GENERIC EROSION CONTROL ITEM			
9	EA	FABRIC INSERT INLET PROTECTION DEVICE			
120	EA	CLEANOUT			
120	EA	CALYCANTHUS FLORIDUS, SWEET SHRUB, (18")			
9	EA	CERCIS CANADENSIS, REDBUD, (4)	1,070	SF	
12	EA	CHIONANTHUS VIRGINICUS, FRINGE TREE, (3)	66,310	SF	
38	EA	CRATAEGUS PHAENOPYRUM, WASHINGTON HAWTHORN, (3)	63	EA	
12	EA	FAGUS GRANDIFOLIA, AMERICAN BEECH, (14)	530	EA	
330	EA	ILEX VERTICILLATA, WINTERBERRY (18")	Lump Sum	LS	
115	EA	ITEA VIRGINICA, VIRGINIA SWEETSPIRE, (18")	1,870	SF	
25	EA	OXYDENDRUM ARBOREUM, SOURWOOD, (8)	4,755	SF	
10	EA	QUERCUS ALBA, WHITE OAK, (14)	9,250	SF	
15	EA	QUERCUS COCCINEA, SCARLET OAK, (14)	5,550	SF	
12	EA	GENERIC PLANTING ITEM	2,310	SF	
30	EA	AESCULUS FLAVA, YELLOW BUCKEYE (14)	2,370	SF	
17	EA	GENERIC PLANTING ITEM	2,070	SF	
120	EA	AMELANCHIER ARBOREA, SERVICEBERRY (4)	5,850	SF	
20	EA	GENERIC PLANTING ITEM	9,000	SF	
303	EA	ARALIA SPINOSA, DEVIL'S-WALKING-STICK (8)			
		GENERIC PLANTING ITEM			
		CLETHRA ACUMINATA, MOUNTAIN PEPPERBUSH (18")			
		GENERIC PLANTING ITEM			
		CORNUS AMOMUM, SILKY DOGWOOD (24")			
		GENERIC PLANTING ITEM			
		DIERVILLA SESSILIFOLIA, BUSH HONEYSUCKLE (18")			

CULVERT ITEMS

REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+13.10 -Y4-)

ASBESTOS ASSESSMENT

CULVERT EXCAVATION, STA ***** (12+13.10 -Y4-)

CULVERT EXCAVATION, STA ***** (250+00 -L-)

CULVERT EXCAVATION, STA ***** (278+67.70 -L-)

FOUNDATION CONDITIONING MATERIAL, BOX CULVERT

GENERIC CULVERT ITEM

ALUMINUM BOX CULVERT

GENERIC CULVERT ITEM

ALUMINUM PIPE ARCH CULVERT

GENERIC CULVERT ITEM

CORRUGATED ALUMINUM PIPE ARCH CULVERT

WALL ITEMS

MSE RETAINING WALL NO ***** (10)

SOIL NAIL RETAINING WALLS

SOIL NAIL VERIFICATION TESTS

SOIL NAIL PROOF TESTS

GENERIC RETAINING WALL ITEM

SAFETY RESTRAINT SYSTEM

GENERIC RETAINING WALL ITEM

MECHANICALLY STABILIZED EARTH

RETAINING WALL WITH CAST-IN-PLACE

CONCRETE FACE

GENERIC RETAINING WALL ITEM

NON-STANDARD CIP GRAVITY RETAINING WALL

GENERIC RETAINING WALL ITEM

SMSE RETAINING WALL NO 16

GENERIC RETAINING WALL ITEM

SMSE RETAINING WALL NO 18

GENERIC RETAINING WALL ITEM

SMSE RETAINING WALL NO 28

GENERIC RETAINING WALL ITEM

SMSE RETAINING WALL NO 29

GENERIC RETAINING WALL ITEM

SMSE RETAINING WALL NO 29A

GENERIC RETAINING WALL ITEM

TEMPORARY SOIL NAIL SHORING FOR

COLLUVIAL UNDERCUT RETAINING WALL

NO 16

GENERIC RETAINING WALL ITEM

TEMPORARY SOIL NAIL SHORING FOR

COLLUVIAL UNDERCUT RETAINING WALL

NO 18

7,000	SF	GENERIC RETAINING WALL ITEM TEMPORARY SOIL NAIL SHORING FOR COLLUVIAL UNDERCUT RETAINING WALL NO 28
3,200	SF	GENERIC RETAINING WALL ITEM TEMPORARY SOIL NAIL SHORING FOR COLLUVIAL UNDERCUT RETAINING WALL NO 29
3,930	SF	GENERIC RETAINING WALL ITEM TEMPORARY SOIL NAIL SHORING FOR COLLUVIAL UNDERCUT RETAINING WALL NO 29A
89,020	SF	GENERIC RETAINING WALL ITEM TIERED SOIL NAIL RETAINING WALL
1,610	CY	GENERIC STRUCTURE ITEM CLASS A CONCRETE (PLANTER BOX)
318,700	LB	GENERIC STRUCTURE ITEM REINFORCING STEEL (PLANTER BOX)
		STRUCTURE ITEMS
Lump Sum	LS	GENERIC STRUCTURE ITEM MEMBRANE WATERPROOFING SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM PRECAST REINFORCED CONCRETE ARCH BRIDGE
3,000	SF	GENERIC STRUCTURE ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID : C204746 34839.3.13 DIV OFFICE WINSTON-SALEM LENGTH = 1.536 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 3.00 % COMPLETION DATE : MAR 30, 2027

FUTURE I-74 (WINSTON-SALEM NORTHERN BELTWAY) FROM US-311 TO I-40.

ROADWAY ITEMS						
			212	LF	*** SIDE DRAIN PIPE (72")	
Lump Sum	LS	MOBILIZATION	5,024	LF	15" SIDE DRAIN PIPE	
Lump Sum	LS	CONSTRUCTION SURVEYING	2,000	LF	18" SIDE DRAIN PIPE	
Lump Sum	LS	FIELD OFFICE	932	LF	24" SIDE DRAIN PIPE	
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	59	EA	*** SIDE DRAIN PIPE ELBOWS (15")	
4	ACR	SUPPLEMENTARY CLEARING & GRUBBING	32	EA	*** SIDE DRAIN PIPE ELBOWS (18")	
2	EA	SEALING ABANDONED WELLS	14	EA	*** SIDE DRAIN PIPE ELBOWS (24")	
387,000	CY	UNCLASSIFIED EXCAVATION	2	EA	*** SIDE DRAIN PIPE ELBOWS (30")	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (20+68.01 -Y2NBL-)	2	EA	*** SIDE DRAIN PIPE ELBOWS (36")	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (22+84.09 -Y1-)	2	EA	*** SIDE DRAIN PIPE ELBOWS (48")	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (28+33.21 -Y2FLYAB-)	2	EA	*** SIDE DRAIN PIPE ELBOWS (54")	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (29+89.90 -Y2SBL-)	1,272	LF	15" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (30+02.29 -Y2FLYCA-)	388	LF	18" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (30+69.44 -Y1-)	584	LF	24" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (39+65.10 -Y2FLYCA-)	608	LF	30" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (30+69.44 -Y1-)	632	LF	36" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (39+65.10 -Y2FLYCA-)	220	LF	42" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (28+33.21 -Y2FLYAB-)	132	LF	48" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (30+69.44 -Y1-)	748	LF	54" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (39+65.10 -Y2FLYCA-)	236	LF	*** RC PIPE CULVERTS, CLASS IV (48")	
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (30+69.44 -Y1-)	1,200	LF	15" RC PIPE CULVERTS, CLASS IV	
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (39+65.10 -Y2FLYCA-)	604	LF	18" RC PIPE CULVERTS, CLASS IV	
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (39+65.10 -Y2FLYCA-)	136	LF	24" RC PIPE CULVERTS, CLASS IV	
1,750	CY	UNDERCUT EXCAVATION	628	LF	30" RC PIPE CULVERTS, CLASS IV	
704,000	CY	BORROW EXCAVATION	172	LF	36" RC PIPE CULVERTS, CLASS IV	
10	EA	EMBANKMENT SETTLEMENT GAUGES	248	LF	42" RC PIPE CULVERTS, CLASS IV	
7,500	CY	DRAINAGE DITCH EXCAVATION	88	LF	*** CS PIPE CULVERTS, ***** THICK (48", 0.109")	
1,050	LF	BERM DITCH CONSTRUCTION	672	LF	15" CS PIPE CULVERTS, 0.064" THICK	
72,600	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	40	LF	18" CS PIPE CULVERTS, 0.064" THICK	
3,910	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	144	LF	24" CS PIPE CULVERTS, 0.064" THICK	
30	HR	PROOF ROLLING	6	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	
22,450	CY	SELECT GRANULAR MATERIAL	2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	
124,700	SY	GEOTEXTILE FOR SOIL STABILIZATION	2	EA	*** CS PIPE ELBOWS, ***** THICK (48", 0.109")	
970	SF	TEMPORARY SHORING	128	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (15", 0.500")	
2,550	SY	ROCK PLATING	332	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.500")	
29,390	SY	GENERIC GRADING ITEM GEOTEXTILE FOR EMBANKMENT STABILIZATION, TYPE 5	602	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500")	
3,050	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	284	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500")	
10,438	SY	FOUNDATION CONDITIONING GEOTEXTILE	308	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")	
1,380	LF	*** SIDE DRAIN PIPE (30")	112	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")	
1,036	LF	*** SIDE DRAIN PIPE (36")	656	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.625")	
180	LF	*** SIDE DRAIN PIPE (42")	146	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875)	
528	LF	*** SIDE DRAIN PIPE (48")				
48	LF	*** SIDE DRAIN PIPE (54")				
108	LF	*** SIDE DRAIN PIPE (60")				

190	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (72", 1.000")	40	CY	MASONRY DRAINAGE STRUCTURES
128	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (15", 0.500")	176	LF	MASONRY DRAINAGE STRUCTURES
332	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.500")	5	EA	FRAME WITH GRATE, STD 840.22
602	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500")	58	EA	FRAME WITH TWO GRATES, STD 840.20
284	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500")	90	EA	FRAME WITH TWO GRATES, STD 840.22
308	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")	9	EA	FRAME WITH TWO GRATES, STD 840.29
112	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
656	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.625")	4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
146	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875)	7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
190	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1.000")	24	EA	FRAME WITH COVER, STD 840.54
172	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERT, CLASS V	1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
152	LF	GENERIC PIPE ITEM 18" RC PIPE CULVERT, CLASS V	13	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
328	LF	GENERIC PIPE ITEM 42" RC PIPE CULVERT, CLASS V	2,180	LF	2'-6" CONCRETE CURB & GUTTER
5,818	LF	PIPE REMOVAL	12,000	LF	SHOULDER BERM GUTTER
Lump Sum	LS	FINE GRADING	220	SY	4" CONCRETE PAVED DITCH
22,400	CY	SHALLOW UNDERCUT	260	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
98,900	TON	CLASS IV SUBGRADE STABILIZATION	900	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
500	TON	STABILIZER AGGREGATE	21,800	LF	STEEL BEAM GUARDRAIL
47,367	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION	50	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
359	TON	AGGREGATE BASE COURSE	10	EA	ADDITIONAL GUARDRAIL POSTS
1,000	TON	INCIDENTAL STONE BASE	19	EA	GUARDRAIL END UNITS, TYPE CAT-1
15,570	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	33	EA	GUARDRAIL END UNITS, TYPE TL-3
1,730	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	36	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
1,750	SY	INCIDENTAL MILLING	7,575	LF	REMOVE EXISTING GUARDRAIL
48,810	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1,900	LF	TEMPORARY STEEL BEAM GUARDRAIL
53,700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	5	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)
6,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	5	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)
100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)	10,175	LF	WOVEN WIRE FENCE, 47" FABRIC
39,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	637	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
7,520	TON	ASPHALT BINDER FOR PLANT MIX	165	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
520	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	500	LF	ADDITIONAL BARBED WIRE
65,500	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	8,200	TON	RIP RAP, CLASS I
48	EA	RIGHT-OF-WAY MARKERS	720	TON	RIP RAP, CLASS II
1,344	CY	SUBDRAIN EXCAVATION	1,100	TON	RIP RAP, CLASS B
4,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	19,050	SY	GEOTEXTILE FOR DRAINAGE
672	CY	SUBDRAIN COARSE AGGREGATE	24	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
4,000	LF	6" PERFORATED SUBDRAIN PIPE	7	CY	PLAIN CONCRETE SIGN FOUNDATIONS
8	EA	SUBDRAIN PIPE OUTLET	247	CY	OVERHEAD FOOTING
48	LF	6" OUTLET PIPE	19,264	LB	SUPPORTS, BREAKAWAY STEEL BEAM
3,100	LF	SHOULDER DRAIN	11,317	LB	SUPPORTS, SIMPLE STEEL BEAM
3,100	LF	4" SHOULDER DRAIN PIPE	3,565	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
125	LF	4" OUTLET PIPE FOR SHOULDER DRAINS	142	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
5	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	247	LF	SUPPORTS, WOOD
500	TON	BLOTTING SAND	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (-118+00.00 -40E-)
70	CY	ENDWALLS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (128+35.00 -L-)
34	CY	REINFORCED ENDWALLS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+09.00 -L-)
8	CY	PIPE COLLARS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (25+15.00 -Y1-)
1,260	CY	FLOWABLE FILL	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (31+97.00 -Y2SBL-)
183	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (-351+06.00 -52S-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (-40+00.00 -40E-)

Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (43+96.00 -Y2NBL-)	18,262	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (55+69.00 -L-)	55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (58+00.00 -Y2SBL-)	44	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (69+20.00 -Y2SBL-)	51	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (70+74.00 -Y2NBL-)	5,619	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (71+22.00 -40E-)	8,157	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (82+00.00 -L-)	62	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (82+11.00 -Y2SBL-)	53,663	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (82+00.00 -L-)	1,862	LF	PAINT PAVEMENT MARKING LINES (12")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (82+11.00 -Y2SBL-)	206	LF	PAINT PAVEMENT MARKING LINES (24")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (86+60.00 -L-)	88	EA	PAINT PAVEMENT MARKING CHARACTER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (86+60.00 -L-)	112	EA	PAINT PAVEMENT MARKING SYMBOL
			236,251	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"
16	EA	SIGN ERECTION, TYPE D	13,248	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"
63	EA	SIGN ERECTION, TYPE E	8,247	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
53	EA	SIGN ERECTION, TYPE F	151,529	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
71	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	600	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
24	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)	7,447	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
58	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	44	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
26	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	33	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
140	EA	SIGN ERECTION, MILEMARKERS	58	EA	PERMANENT RAISED PAVEMENT MARKERS
8	EA	SIGN ERECTION, OVERLAY (OVERHEAD)	1,670	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
43	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	Lump Sum	LS	PORTABLE LIGHTING
3	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD	32	LF	6" WATER LINE
31	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	165	LF	8" WATER LINE
153	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	74	LF	24" WATER LINE
41	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	6,175	LB	DUCTILE IRON WATER PIPE FITTINGS
21	EA	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)	4	EA	6" VALVE
690	SF	WORK ZONE SIGNS (STATIONARY)	3	EA	RELOCATE WATER METER
1,834	SF	HIGH VISIBILITY STATIONARY SIGNS	3	EA	FIRE HYDRANT
128	SF	WORK ZONE SIGNS (PORTABLE)	83	LF	FIRE HYDRANT LEG
509	SF	HIGH VISIBILITY PORTABLE SIGNS	39	LF	WATER SERVICE LINE
208	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,461	LF	8" SANITARY GRAVITY SEWER
8	EA	FLASHING ARROW BOARD	1,080	LF	16" SANITARY GRAVITY SEWER
6	EA	PORTABLE CHANGEABLE MESSAGE SIGN	39	LF	20" SANITARY GRAVITY SEWER
48	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	2,062	LF	30" SANITARY GRAVITY SEWER
8	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS	4	EA	SANITARY SEWER CLEAN-OUT
18	EA	WORK ZONE PRESENCE LIGHTING	400	LF	SEWER SERVICE LINE
323	EA	HIGH VISIBILITY DRUMS	10	EA	4' DIA UTILITY MANHOLE
24	EA	SEQUENTIAL FLASHING WARNING LIGHTS	19	EA	5' DIA UTILITY MANHOLE
34	EA	CONES	3	EA	6' DIA UTILITY MANHOLE
388	LF	BARRICADES (TYPE III)	54	LF	UTILITY MANHOLE WALL 4' DIA
16	DAY	FLAGGER	144	LF	UTILITY MANHOLE WALL 5' DIA
14	EA	TEMPORARY CRASH CUSHIONS	18	LF	UTILITY MANHOLE WALL 6' DIA
9	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	1,704	LF	ABANDON *** UTILITY PIPE (15")
4	EA	TMA	465	LF	ABANDON 12" UTILITY PIPE
25,200	LF	PORTABLE CONCRETE BARRIER	38	LF	ABANDON 16" UTILITY PIPE
487	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	1,455	LF	ABANDON 20" UTILITY PIPE
16,627	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER	63	LF	ABANDON 24" UTILITY PIPE
208	HR	LAW ENFORCEMENT	659	LF	ABANDON 30" UTILITY PIPE
2,965	EA	TEMPORARY RAISED PAVEMENT MARKERS	2	EA	REMOVE WATER METER
21,563	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	4	EA	REMOVE FIRE HYDRANT
108,682	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	15	EA	ABANDON UTILITY MANHOLE
			2	EA	REMOVE UTILITY MANHOLE
			260	LF	*** ENCASEMENT PIPE (54")
			100	LF	16" ENCASEMENT PIPE

52,180	LF	TEMPORARY SILT FENCE	3	EA	GENERIC SIGNAL ITEM
3,640	TON	STONE FOR EROSION CONTROL, CLASS A			DMS ACCESS LADDER
11,000	TON	STONE FOR EROSION CONTROL, CLASS B	3	EA	GENERIC SIGNAL ITEM
8,120	TON	SEDIMENT CONTROL STONE	3	EA	DMS PEDESTAL STRUCTURE
413.5	ACR	TEMPORARY MULCHING	10	EA	GENERIC SIGNAL ITEM
22,600	LB	SEED FOR TEMPORARY SEEDING			DYNAMIC MESSAGE SIGN (TYPE 2C)
114.5	TON	FERTILIZER FOR TEMPORARY SEEDING	8	EA	GENERIC SIGNAL ITEM
8,495	LF	TEMPORARY SLOPE DRAINS	5	EA	ETHERNET EDGE SWITCH
800	LF	SAFETY FENCE	1	EA	GENERIC SIGNAL ITEM
19,800	CY	SILT EXCAVATION			FIELD EQUIPMENT CABINET
59,405	SY	MATTING FOR EROSION CONTROL	1	EA	GENERIC SIGNAL ITEM
180	SY	COIR FIBER MAT	1	EA	HUB CABINET
5,000	SY	PERMANENT SOIL REINFORCEMENT MAT	1	EA	GENERIC SIGNAL ITEM
8,875	LF	1/4" HARDWARE CLOTH	8	EA	HUB CABINET FOUNDATION
50	LF	TEMPORARY PIPE FOR STREAM CROSSING	26	EA	GENERIC SIGNAL ITEM
2,309	CY	STILLING BASINS	7	EA	JUNCTION BOX (SPECIAL OVERSIZED)
10	EA	SPECIAL STILLING BASINS			JUNCTION BOX (STANDARD SIZE)
720	LF	COIR FIBER WATTLE	5	EA	GENERIC SIGNAL ITEM
490	LF	COIR FIBER WATTLE BARRIER	1	EA	METER BASE/DISCONNECT COMBINATION PANEL
3,405	LB	POLYACRYLAMIDE (PAM)			GENERIC SIGNAL ITEM
2,275	LF	COIR FIBER BAFFLE	430	LF	SOIL TEST
12	EA	*** SKIMMER (1-1/2")	2,239	LF	GENERIC SIGNAL ITEM
2	EA	*** SKIMMER (2")	1,897	LF	#4 SOLID BARE COPPER GROUNDING CONDUCTOR
3	EA	*** SKIMMER (2-1/2")	5	CY	3-WIRE COPPER FEEDER CONDUCTORS
303	ACR	SEEDING & MULCHING			4-WIRE COPPER FEEDER CONDUCTORS
249	ACR	MOWING	24	CY	GENERIC SIGNAL ITEM
4,200	LB	SEED FOR REPAIR SEEDING			DRILLED PIER FOUNDATION
10.5	TON	FERTILIZER FOR REPAIR SEEDING			GENERIC SIGNAL ITEM
7,500	LB	SEED FOR SUPPLEMENTAL SEEDING	Lump Sum	LS	OVERHEAD FOOTINGS
225	TON	FERTILIZER TOPDRESSING			CULVERT ITEMS
710	LF	IMPERVIOUS DIKE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+77.50 -L-)
10	MHR	SPECIALIZED HAND MOWING	Lump Sum	LS	ASBESTOS ASSESSMENT
1	MHR	MANUAL LITTER REMOVAL	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (32+77.50 -L-)
2	TON	LITTER DISPOSAL	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (36+27.30 -L-)
75	EA	RESPONSE FOR EROSION CONTROL	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (78+68.93 -Y2-)
10	EA	CONCRETE WASHOUT STRUCTURE	1,293	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1,400	CY	CULVERT DIVERSION CHANNEL	2,144	CY	CLASS A CONCRETE (CULVERT)
88	EA	GENERIC EROSION CONTROL ITEM	262,053	LB	REINFORCING STEEL (CULVERT)
		FABRIC INSERT INLET PROTECTION DEVICE	722	TON	RIP RAP, CLASS ** (1)
88	EA	GENERIC EROSION CONTROL ITEM	1,195	SY	GEOTEXTILE FOR DRAINAGE
		FABRIC INSERT INLET PROTECTION DEVICE			WALL ITEMS
		CLEANOUT			MSE RETAINING WALL NO **** (1)
20,451	LF	TRACER WIRE			MSE RETAINING WALL NO **** (2)
1,447	LF	UNPAVED TRENCHING (***** (1, 2"))	1,875	SF	MSE RETAINING WALL NO **** (3)
13,448	LF	UNPAVED TRENCHING (***** (2, 2"))	4,205	SF	MSE RETAINING WALL NO **** (4)
1,488	LF	UNPAVED TRENCHING (***** (3, 2"))	9,155	SF	MSE RETAINING WALL NO **** (5)
5,515	LF	DIRECTIONAL DRILL (***** (2, 2"))	2,625	SF	MSE RETAINING WALL NO **** (5)
29	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	275	SF	SOIL NAIL RETAINING WALLS
7	EA	WOOD POLE	2	EA	SOIL NAIL VERIFICATION TESTS
14,730	LF	COMMUNICATIONS CABLE (** FIBER) (144)	8	EA	SOIL NAIL PROOF TESTS
6,074	LF	COMMUNICATIONS CABLE (** FIBER) (72)	57,008	SF	GENERIC RETAINING WALL ITEM
1,689	LF	DROP CABLE			ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL)
8	EA	SPLICE ENCLOSURE	29,793	SF	GENERIC RETAINING WALL ITEM
11	EA	INTERCONNECT CENTER			SOUND BARRIER WALL -NW7-
37	EA	DELINEATOR MARKER			STRUCTURE ITEMS
1	EA	GENERIC SIGNAL ITEM	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+68.01 -Y2NBL-)
		10KVA SINGLE PHASE TRANSFORMER			
43	EA	GENERIC SIGNAL ITEM	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (29+89.90 -Y2SBL-)
		5/8" X 10' GROUNDING ELECTRODE			
1	EA	GENERIC SIGNAL ITEM	Lump Sum	LS	ASBESTOS ASSESSMENT
		CCTV EXTENSION POLE			
5	EA	GENERIC SIGNAL ITEM	Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 20+68.01 -Y2NBL-)
		CCTV METAL POLE (50')			
6	EA	GENERIC SIGNAL ITEM	Lump Sum	LS	
		DIGITAL CCTV CAMERA ASSEMBLY			

Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 29+89.90 -Y2SBL-)	571.56	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2, 20+68.01 -Y2NBL-)	7,832,823	LS	APPROX LBS STRUCTURAL STEEL
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2, 29+89.90 -Y2SBL-)	Lump Sum	LS	POLLUTION CONTROL
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 20+68.01 -Y2NBL-)	16	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 43)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+33.21 -Y2FLYAB-)	56	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+33.21 -Y2FLYAB-)	272	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 29+89.90 -Y2SBL-)	3,627	LF	HP 12 X 53 STEEL PILES
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 29+89.90 -Y2SBL-)	13,435	LF	HP 14 X 73 STEEL PILES
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,30+02.29 -Y2FLYCA-)	8	EA	STEEL PILE POINTS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,30+69.44 -Y1-)	200	LF	PREDRILLING FOR PILES
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,39+65.10 -Y2FLYCA-)	6,757.03	LF	CONCRETE BARRIER RAIL
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 28+33.21 -Y2FLYAB-)	2,136.7	SY	4" SLOPE PROTECTION
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 28+33.21 -Y2FLYAB-)	43.1	SY	CLASS II, SURFACE PREPARATION
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 28+33.21 -Y2FLYAB-)	Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 20+68.01 -Y2NBL-)	Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 29+89.90 -Y2SBL-)	111.7	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,30+02.29 -Y2FLYCA-)	100.8	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,29+89.90 -Y2SBL-)	Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,30+02.29 -Y2FLYCA-)	Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,39+65.10 -Y2FLYCA-)	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING WEATHERING STEEL FOR BRIDGE #330394
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 28+33.21 -Y2FLYAB-)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #330394
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,39+65.10 -Y2FLYCA-)	Lump Sum	LS	GENERIC STRUCTURE ITEM POST-TENSIONING ENCASEMENT
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 28+33.21 -Y2FLYAB-)	Lump Sum	LS	GENERIC STRUCTURE ITEM POST-TENSIONING TENDONS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,39+65.10 -Y2FLYCA-)	Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINT
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,39+65.10 -Y2FLYCA-)	522.11	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5,39+65.10 -Y2FLYCA-)	445.08	LF	GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5,39+65.10 -Y2FLYCA-)	75.2	CY	GENERIC STRUCTURE ITEM 6000 PSI CONCRETE
477	LF	PILE EXCAVATION IN SOIL	11.8	LB	GENERIC STRUCTURE ITEM BEAM REPAIR PLATING
32	LF	PILE EXCAVATION NOT IN SOIL	219	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
293.42	LF	**" DIA DRILLED PIERS IN SOIL (5'-0")	955.5	SF	GENERIC STRUCTURE ITEM CONCRETE MEDIAN REPLACEMENT
135	LF	**" DIA DRILLED PIERS NOT IN SOIL (5'-0")	1,542.1	SF	GENERIC STRUCTURE ITEM EPOXY COATING
156.4	LF	PERMANENT STEEL CASING FOR **" DIA DRILLED PIER (5'-0")	43.1	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY
3	EA	PDA TESTING	5,331.5	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING POLYMER CONCRETE OVERLAY
1	EA	SID INSPECTIONS	4,625.5	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
2	EA	CSL TESTING	4,625.5	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
140,631	SF	REINFORCED CONCRETE DECK SLAB	82	EA	GENERIC STRUCTURE ITEM 11-3/4" DIA MICROPILES
167,767.5	SF	GROOVING BRIDGE FLOORS	32	EA	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING BEARINGS WITH HIGH RATIO CALCIUM SULFONATE
4,218.6	CY	CLASS A CONCRETE (BRIDGE)	1	EA	GENERIC STRUCTURE ITEM DEMONSTRATION MICROPILES
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+68.01 -Y2NBL-)	8	EA	GENERIC STRUCTURE ITEM MICROPILE PROOF TESTS
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+84.09 -Y1-)	1	EA	GENERIC STRUCTURE ITEM MICROPILE VERIFICATION TESTS
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+33.21 -Y2FLAYAB-)	1	EA	GENERIC STRUCTURE ITEM STEEL BEARING KEEPER ANGLE ASSEMBLY
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (29+89.90 -Y2SBL-)	1	EA	GENERIC STRUCTURE ITEM STEEL BEARING RETAINER ANGLE ASSEMBLY
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+02.29 -Y2FLYCA-)			***** BEGIN SCHEDULE AA*****
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+69.44 -Y1-)			***** (2 ALTERNATES) *****
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (39+65.10 -Y2FLYCA-)	121.1	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
909,444	LB	REINFORCING STEEL (BRIDGE)			*** OR ***
28,249	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			