

**IMPORTANT NOTICE:**

The 2024 NCDOT Standard Specifications and 2024 NCDOT Roadway Standard Drawings are now available on-line, and can be found here: [Contract Standards and Development Unit \(ncdot.gov\)](https://www.ncdot.gov/contract-standards-and-development-unit). Additional content has been posted to be used along with these documents, which can be accessed at this link as well, under the 2024 Specifications and Standard Drawings websites or the Contracts Resources website. This includes memos with a summary of changes, Special Provisions to use with 2024 Standard Specifications, new instructions, updated spreadsheets with general notes for both ORD and SS2, etc. **Printed copies of the 2024 Standard Specifications and 2024 Roadway Standard Drawings will be available starting in September.**

**PLEASE NOTE THAT ALL PROJECTS WITH A JANUARY 2024 OR LATER LET DATE SHALL BE PREPARED IN ACCORDANCE WITH THE NEW 2024 STANDARD SPECIFICATIONS AND 2024 ROADWAY STANDARD DRAWINGS.**

This information is meant to be shared state-wide, so please feel free to forward this information to others who may need to be made aware, including but not limited to, Division representatives, private engineering firms, GESCs, industry representatives, et al.

Thank you.

**Nicole M. Hackler, P.E.**  
State Plans & Standards Engineer  
North Carolina Department of Transportation

919 707 6950 office

[nmhackler@ncdot.gov](mailto:nmhackler@ncdot.gov)

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1591 Mail Service Center  
Raleigh, North Carolina 27699-1591





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](mailto:InterestedPartiesHelp@ncdot.gov).

For additional assistance with general bidding related questions please email [AWPhelp@ncdot.gov](mailto: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](mailto: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](http://www.ncdot.gov)

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



# 2023 NCDOT TECHNICAL TRAINING SCHEDULE



## RALEIGH

Wake Technical Community College  
Western Wake Campus  
3434 Kildaire Farm Road  
Cary, N.C. 27518

## CHARLOTTE

Central Piedmont Community College  
Central Campus  
1201 Elizabeth Ave.  
Charlotte, N.C. 28204

## ASHEVILLE

Asheville-Buncombe Technical Community College  
Enka Campus  
1465 Sand Hill Road  
Candler, N.C. 28715

## GREENVILLE

Pitt Community College  
Greenville Center  
3107 S. Memorial Drive  
Greenville, N.C. 27834

MONTH	COURSE TOPICS	RALEIGH	CHARLOTTE	ASHEVILLE	GREENVILLE
March	Erosion Control	March 9	March 16	March 23	March 30
April	Incidental Concrete	April 6	April 13	April 20	n/a
May	Concrete Barrier Bridge Rail	May 4	May 11	May 18	n/a
June	Pavement Markings	June 1	June 8	n/a	June 15
July	Pipe Installation	July 13	July 20	n/a	July 27
August	Guardrail Installation	Aug. 3	Aug. 17	Aug. 24	Aug. 31
September	Work Zone Traffic Control	Sept. 7	Sept. 14	Sept. 21	Sept. 28
October	Water/Sewer & Manhole Adjustments	Oct. 5	Oct. 12	n/a	n/a
November	Utility Installation & Removal	Nov. 2	Nov. 9	n/a	n/a

The 2023 N.C. Department of Transportation Technical Training Series is a pilot program that will offer various courses to small highway construction contractors interested in working on NCDOT projects. Each course will cover NCDOT Standard Specifications and Drawings, equipment requirements, bidding and estimating, project management, invoicing and payment, and more. Courses will be held in Raleigh, Charlotte, Asheville and Greenville and will be taught in person by NCDOT engineers, prime contractors, and other industry professionals. To register, please visit the website: [www.ncdot.gov/highwaystechtraining](http://www.ncdot.gov/highwaystechtraining). For questions, please email: [ccu@ncdot.gov](mailto:ccu@ncdot.gov) or call: **984-810-9276**.



**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 OCTOBER 17, 2023. 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](mailto: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](mailto: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 SEPTEMBER 19, 2023.  
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.

<b>DIV NO.</b>	<b>DIVISION ENGINEER</b>	<b>TOWN</b>	<b>TELEPHONE</b>
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	D. Keith Eason, PE	WILSON	(252) 237-6164
005	Brandon Jones, PE	DURHAM	(919) 220-4600
006	Nathaniel Mills	FAYETTEVILLE	(910) 364-0600
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 Payne, PE	SYLVA	(828) 586-2141

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

Bid Letting Number: L231017

RPN Contract Id	WBS	County	Length	Job Type
001	C204900	2024CPT.05.04.10351.1, ETC.	FRANKLIN	21.166 MI MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
002	C204899	2024CPT.05.05.20731.1	PERSON	8.080 MI MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
003	C204901	2024CPT.08.02.10631, ETC.	MOORE	22.420 MI MILLING, SHOULDER RECONSTRUCTION & RESURFACING
004	C204895	50623.3.1	CHATHAM	0.400 MI GRADING, DRAINAGE, AND PAVING.
005	C204495	50146.3.1	MECKLENBURG	0.187 MI GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALLS.
006	C204852	34554.3.3	IREDELL	1.118 MI WIDENING, GRADING, DRAINAGE, PAVING, AND STRUCTURES.
007	C204488	15BPR.125.3	CHEROKEE	0.142 MI BRIDGE PRESERVATION.



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231017 001

CONTRACT ID : C204900 2024CPT.05.04.10351.1 DIV OFFICE DURHAM LENGTH = 21.166 MI

COUNTY : FRANKLIN

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.00% COMPLETION DATE : OCT 01, 2025

1 SECTION OF NC-96, 1 SECTION OF US-1 ALT, AND 5 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,103	TON	INCIDENTAL STONE BASE
42.1	SMI	SHOULDER RECONSTRUCTION
4,072	TON	AGGREGATE SHOULDER BORROW
91,464	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
360	SY	MILLING ASPHALT PAVEMENT, ***" TO ***** (0" TO 1-1/2")
6,793	SY	INCIDENTAL MILLING
26,402	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,720	TON	ASPHALT BINDER FOR PLANT MIX
116	TON	PATCHING EXISTING PAVEMENT
4	EA	REMOVE AND REPLACE CURB RAMPS
7	SY	GENERIC PAVING ITEM REMOVE AND REPLACE DRIVEWAY APRON
412	LF	GENERIC PAVING ITEM REMOVE AND REPLACE 2'-6" CURB & GUTTER
7	EA	ADJUSTMENT OF MANHOLES
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,016	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
120	LF	PEDESTRIAN CHANNELIZING DEVICES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
4	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
20	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)
468,287	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,030	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
415	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
83	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
63	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,520	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
1,520	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
441	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
1,465	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231017 002

CONTRACT ID : C204899 2024CPT.05.05.20731.1 DIV OFFICE DURHAM LENGTH = 8.080 MI

COUNTY : PERSON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 7.00% COMPLETION DATE : OCT 01, 2025

## 5 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
348	TON	INCIDENTAL STONE BASE
13.9	SMI	SHOULDER RECONSTRUCTION
561	TON	AGGREGATE SHOULDER BORROW
24,198	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
1,653	SY	INCIDENTAL MILLING
9,133	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
618	TON	ASPHALT BINDER FOR PLANT MIX
505	TON	PATCHING EXISTING PAVEMENT
20	LF	2'-6" CONCRETE CURB & GUTTER
1	EA	CONCRETE CURB RAMPS
10	EA	REMOVE AND REPLACE CURB RAMPS
15	SY	GENERIC PAVING ITEM REMOVE AND REPLACE SIDEWALK
9	SY	GENERIC PAVING ITEM REMOVE DRIVEWAY APRON
9	SY	GENERIC PAVING ITEM REMOVE SIDEWALK
15	LF	GENERIC PAVING ITEM REMOVE CURB & GUTTER
5	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
903	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
60	LF	PEDESTRIAN CHANNELIZING DEVICES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
2	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICE
10	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)
147,580	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
23	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
17,742	LF	PAINT PAVEMENT MARKING LINES (4")
23	EA	PAINT PAVEMENT MARKING SYMBOL

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231017 003

CONTRACT ID : C204901 2024CPT.08.02.10631 DIV OFFICE CARTHAGE LENGTH = 22.420 MI

COUNTY : MOORE

## MILLING, SHOULDER RECONSTRUCTION &amp; RESURFACING

DBE GOAL 5.00% COMPLETION DATE : OCT 01, 2025

## 1 SECTION OF NC-73 AND 17 SECTIONS OF SECONDARY ROADS

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
30.53	SMI	SHOULDER RECONSTRUCTION
4,525	TON	AGGREGATE SHOULDER BORROW
200	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1")
3,800	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
4,523	SY	INCIDENTAL MILLING
130	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
18,754	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,052	TON	ASPHALT BINDER FOR PLANT MIX
1,150	TON	PATCHING EXISTING PAVEMENT
98,091	SY	GENERIC PAVING ITEM LATEX MODIFIED MICROSURFACING, TYPE II
16	EA	ADJUSTMENT OF MANHOLES
13	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,548	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
166,019	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
30	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
428,713	LF	PAINT PAVEMENT MARKING LINES (4")
190	LF	PAINT PAVEMENT MARKING LINES (8")
150	LF	PAINT PAVEMENT MARKING LINES (16")
285	LF	PAINT PAVEMENT MARKING LINES (24")
36	EA	PAINT PAVEMENT MARKING CHARACTER
6	EA	PAINT PAVEMENT MARKING SYMBOL
131,442	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
50	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
50	LF	GENERIC PAVEMENT MARKING ITEM REMOVAL OF PAVEMENT MARKING LINES (16")
515	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
600	LF	INDUCTIVE LOOP SAWCUT
600	LF	LEAD-IN CABLE (*****) (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231017

004

CONTRACT ID : C204895 50623.3.1

DIV OFFICE CARTHAGE

LENGTH = 0.400 MI

COUNTY : CHATHAM

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 5.00% COMPLETION DATE : MAY 14, 2025

WOLFSPEED - ROADWAY IMPROVEMENTS AND CONSTRUCTION OF INDUSTRIAL ACCESS ROADS ALONG US 64 JUST WEST OF SILER CITY.

ROADWAY ITEMS						
			3,570	LF	1'-6" CONCRETE CURB & GUTTER	
Lump Sum	LS	MOBILIZATION	630	LF	SHOULDER BERM GUTTER	
Lump Sum	LS	CONSTRUCTION SURVEYING	260	LF	CONCRETE EXPRESSWAY GUTTER	
Lump Sum	LS	GRADING	1,120	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	4	EA	ADJUSTMENT OF DROP INLETS	
10,700	CY	UNDERCUT EXCAVATION	1,387.5	LF	STEEL BEAM GUARDRAIL	
780	CY	DRAINAGE DITCH EXCAVATION	87.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	
11,000	CY	SELECT GRANULAR MATERIAL, CLASS III	2	EA	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	
14,200	SY	GEOTEXTILE FOR SOIL STABILIZATION	10	EA	ADDITIONAL GUARDRAIL POSTS	
390	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1	EA	GUARDRAIL END UNITS, TYPE AT-1	
1,230	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	GUARDRAIL END UNITS, TYPE CAT-1	
56	LF	15" SIDE DRAIN PIPE	1	EA	GUARDRAIL END UNITS, TYPE TL-3	
4	EA	*** SIDE DRAIN PIPE ELBOWS (15")	5,850	LF	WOVEN WIRE FENCE, 47" FABRIC	
936	LF	15" RC PIPE CULVERTS, CLASS III	363	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	
2,048	LF	18" RC PIPE CULVERTS, CLASS III	100	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	
412	LF	42" RC PIPE CULVERTS, CLASS III	50	TON	RIP RAP, CLASS I	
124	LF	***** RC PIPE CULVERTS, CLASS IV (66")	30	TON	RIP RAP, CLASS B	
48	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.250")	1,110	SY	GEOTEXTILE FOR DRAINAGE	
48	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.250")	175	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
99	LF	PIPE REMOVAL	21	EA	SIGN ERECTION, TYPE E	
1	EA	PIPE CLEAN OUT	4	EA	SIGN ERECTION, TYPE F	
6,500	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION	5	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD	
1,350	CY	SHALLOW UNDERCUT	48	SF	WORK ZONE SIGNS (STATIONARY)	
3,230	TON	CLASS IV SUBGRADE STABILIZATION	96	SF	WORK ZONE SIGNS (PORTABLE)	
1,250	TON	STABILIZER AGGREGATE	4	EA	FLASHING ARROW BOARD	
100	TON	INCIDENTAL STONE BASE	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	
600	SY	INCIDENTAL MILLING	86	EA	DRUMS	
8,460	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	2	EA	TMA	
6,650	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	16,471	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	
3,980	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,542	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	
935	TON	ASPHALT BINDER FOR PLANT MIX	46	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	
25	EA	RIGHT-OF-WAY MARKERS	15	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
224	CY	SUBDRAIN EXCAVATION	219	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	
1,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	140	LF	16" ENCASEMENT PIPE	
168	CY	SUBDRAIN COARSE AGGREGATE	280	LF	30" ENCASEMENT PIPE	
1,000	LF	6" PERFORATED SUBDRAIN PIPE	6,290	LF	TEMPORARY SILT FENCE	
3	EA	SUBDRAIN PIPE OUTLET	75	TON	STONE FOR EROSION CONTROL, CLASS A	
18	LF	6" OUTLET PIPE	995	TON	STONE FOR EROSION CONTROL, CLASS B	
9	CY	ENDWALLS	545	TON	SEDIMENT CONTROL STONE	
12.6	CY	REINFORCED ENDWALLS	19	ACR	TEMPORARY MULCHING	
16	CY	FLOWABLE FILL	1,300	LB	SEED FOR TEMPORARY SEEDING	
32	EA	MASONRY DRAINAGE STRUCTURES	7.5	TON	FERTILIZER FOR TEMPORARY SEEDING	
8.9	LF	MASONRY DRAINAGE STRUCTURES	245	LF	TEMPORARY SLOPE DRAINS	
9	EA	FRAME WITH TWO GRATES, STD 840.16	320	LF	SAFETY FENCE	
3	EA	FRAME WITH TWO GRATES, STD 840.22	3,710	CY	SILT EXCAVATION	
2	EA	FRAME WITH TWO GRATES, STD 840.24	4,800	SY	MATTING FOR EROSION CONTROL	
17	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	100	SY	COIR FIBER MAT	
17	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	1,175	LF	1/4" HARDWARE CLOTH	
			160	LF	*** TEMPORARY PIPE (24")	
			4	EA	SPECIAL STILLING BASINS	
			230	LF	COIR FIBER WATTLE	

285	LB	POLYACRYLAMIDE (PAM)
405	LF	COIR FIBER BAFFLE
2	EA	**" SKIMMER (2")
1	EA	**" SKIMMER (2-1/2")
18	ACR	SEEDING & MULCHING
12	ACR	MOWING
200	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
425	LB	SEED FOR SUPPLEMENTAL SEEDING
12.25	TON	FERTILIZER TOPDRESSING
210	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
7	MHR	MANUAL LITTER REMOVAL
1	TON	LITTER DISPOSAL
15	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
170	CY	CULVERT DIVERSION CHANNEL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231017

005

CONTRACT ID : C204495

50146.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.187 MI

COUNTY : MECKLENBURG

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

DBE GOAL 7.00% COMPLETION DATE : FEB 28, 2027

DUAL ROUNDABOUTS NORTH AND SOUTH OF SR-5544 (CATAWBA AVE) AND US-21 INTERSECTION IN CORNELIUS.

ROADWAY ITEMS					
			139	LF	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	MOBILIZATION	6	EA	FRAME WITH GRATE, STD 840.**** (840.16)
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	FRAME WITH GRATE, STD 840.22
290	LF	GENERIC MISCELLANEOUS ITEM 4" PVC CONDUIT	1	EA	FRAME WITH TWO GRATES, STD 840.22
50	TON	GENERIC MISCELLANEOUS ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL	6	EA	FRAME WITH TWO GRATES, STD 840.24
450	CY	UNDERCUT EXCAVATION	14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	30	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
Lump Sum	LS	GRADING	29	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
36,600	CY	BORROW EXCAVATION	10	EA	FRAME WITH COVER, STD 840.54
400	CY	SELECT GRANULAR MATERIAL	3	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
3,700	SY	GEOTEXTILE FOR SOIL STABILIZATION	5	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
1,000	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	70	LF	**" X ***" CONCRETE CURB (8" X 18")
4,263	SY	FOUNDATION CONDITIONING GEOTEXTILE	1,720	LF	1'-6" CONCRETE CURB & GUTTER
236	LF	***" RC PIPE CULVERTS, CLASS *****( 15", V)	8,370	LF	2'-6" CONCRETE CURB & GUTTER
2,368	LF	15" RC PIPE CULVERTS, CLASS III	5,280	SY	4" CONCRETE SIDEWALK
384	LF	18" RC PIPE CULVERTS, CLASS III	52	EA	CONCRETE CURB RAMPS
444	LF	24" RC PIPE CULVERTS, CLASS III	100	SY	6" CONCRETE DRIVEWAY
440	LF	30" RC PIPE CULVERTS, CLASS III	30	SY	4" CONCRETE ISLAND COVER
408	LF	36" RC PIPE CULVERTS, CLASS III	1,870	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
572	LF	42" RC PIPE CULVERTS, CLASS III	20	SY	GENERIC PAVING ITEM 12" CONCRETE PARKING LOT CLASS AA
836	LF	15" RC PIPE CULVERTS, CLASS IV	3,210	SY	GENERIC PAVING ITEM 4" JOINTED CONCRETE WITH WIRE MESH (4X4 W3 X W3)
2	EA	**" PIPE END SECTION (15")	950	SY	GENERIC PAVING ITEM 7" JOINTED CONCRETE TRUCK APRON (TINTED)
1	EA	**" PIPE END SECTION (18")	430	LF	GENERIC PAVING ITEM RESET EXISTING GRANITE CURB
28	LF	15" CS PIPE CULVERTS, 0.064" THICK	550	LF	GENERIC PAVING ITEM 2'-6" CONCRETE CURB & GUTTER (MODIFIED)
2	EA	**" CS PIPE ELBOWS, *****" THICK (15", 0.064")	1	EA	ADJUSTMENT OF MANHOLES
1,437	LF	PIPE REMOVAL	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
6,271	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION	460	LF	GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL
1,100	CY	SHALLOW UNDERCUT	120	LF	GENERIC FENCING ITEM WHITE VINYL FENCE, COMPLETE WITH POSTS
3,499	TON	CLASS IV SUBGRADE STABILIZATION	415	TON	RIP RAP, CLASS B
250	TON	STABILIZER AGGREGATE	1,330	SY	GEOTEXTILE FOR DRAINAGE
430	TON	AGGREGATE BASE COURSE	2	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
1,490	SY	MILLING ASPHALT PAVEMENT, ****" TO *****" (0" TO 3")	2,142	LB	SUPPORTS, BREAKAWAY STEEL BEAM
5,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	950	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4,300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	2	EA	SIGN ERECTION, TYPE D
4,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	95	EA	SIGN ERECTION, TYPE E
735	TON	ASPHALT BINDER FOR PLANT MIX	35	EA	SIGN ERECTION, TYPE F
530	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
390	SY	GENERIC PAVING ITEM REMOVE & RESET BRICK CROSSWALK	6	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
34	CY	SUBDRAIN COARSE AGGREGATE	6	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
200	LF	6" PERFORATED SUBDRAIN PIPE	3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
2	EA	SUBDRAIN PIPE OUTLET			
12	LF	6" OUTLET PIPE			
3	CY	ENDWALLS			
1	CY	PIPE COLLARS			
3	CY	PIPE PLUGS			
136	CY	FLOWABLE FILL			
96	EA	MASONRY DRAINAGE STRUCTURES			

37	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	440	TON	STONE FOR EROSION CONTROL, CLASS A
7	EA	DISPOSAL OF SUPPORT, U-CHANNEL	1,540	TON	STONE FOR EROSION CONTROL, CLASS B
221	SF	WORK ZONE SIGNS (STATIONARY)	1,435	TON	SEDIMENT CONTROL STONE
864	SF	WORK ZONE SIGNS (PORTABLE)	8	ACR	TEMPORARY MULCHING
211	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	500	LB	SEED FOR TEMPORARY SEEDING
2	EA	FLASHING ARROW BOARD	2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
1	EA	PORTABLE CHANGEABLE MESSAGE SIGN	200	LF	TEMPORARY SLOPE DRAINS
165	EA	DRUMS	360	LF	SAFETY FENCE
368	LF	BARRICADES (TYPE III)	2,210	CY	SILT EXCAVATION
570	DAY	FLAGGER	10,975	SY	MATTING FOR EROSION CONTROL
1	EA	TMA	4,625	LF	1/4" HARDWARE CLOTH
168	EA	TEMPORARY RAISED PAVEMENT MARKERS	70	LF	COIR FIBER WATTLE
10,577	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	175	LB	POLYACRYLAMIDE (PAM)
2,548	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	145	LF	COIR FIBER BAFFLE
137	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	9	ACR	SEEDING & MULCHING
1,361	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	9	ACR	MOWING
41	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	100	LB	SEED FOR REPAIR SEEDING
91	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	0.25	TON	FERTILIZER FOR REPAIR SEEDING
17,795	LF	PAINT PAVEMENT MARKING LINES (4")	225	LB	SEED FOR SUPPLEMENTAL SEEDING
490	LF	PAINT PAVEMENT MARKING LINES (8")	6.5	TON	FERTILIZER TOPDRESSING
294	LF	PAINT PAVEMENT MARKING LINES (24")	10	MHR	SPECIALIZED HAND MOWING
8	EA	PAINT PAVEMENT MARKING SYMBOL	5	MHR	MANUAL LITTER REMOVAL
8,657	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1	TON	LITTER DISPOSAL
245	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	75	EA	RESPONSE FOR EROSION CONTROL
147	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	6	EA	CONCRETE WASHOUT STRUCTURE
4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	109	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
370	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	327	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
Lump Sum	LS	PORTABLE LIGHTING	14	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
884	LF	6" WATER LINE	10,360	LF	SIGNAL CABLE
1,914	LF	8" WATER LINE	34	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1,082	LF	16" WATER LINE	9	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
795	LF	24" WATER LINE	8	EA	APS DETECTOR STATION
22,965	LB	DUCTILE IRON WATER PIPE FITTINGS	1	EA	CENTRAL CONTROL UNIT APS DETECTOR STATION
13	EA	6" VALVE	1,270	LF	MESSENGER CABLE (3/8")
3	EA	8" VALVE	70	LF	PAVED TRENCHING (*****) (1, 2")
7	EA	16" VALVE	13	LF	PAVED TRENCHING (*****) (2, 2")
2	EA	24" VALVE	234	LF	UNPAVED TRENCHING (*****) (1, 2")
2	EA	2" BLOW OFF	9	LF	UNPAVED TRENCHING (*****) (2, 2")
7	EA	RELOCATE WATER METER	5	LF	UNPAVED TRENCHING (*****) (4, 2")
17	EA	RECONNECT WATER METER	7	LF	UNPAVED TRENCHING (*****) (5, 2")
5	EA	FIRE HYDRANT	3	LF	UNPAVED TRENCHING (*****) (6, 2")
4	EA	RELOCATE FIRE HYDRANT	124	LF	DIRECTIONAL DRILL (*****) (2, 2")
160	LF	FIRE HYDRANT LEG	10	EA	JUNCTION BOX (STANDARD SIZE)
3	EA	6" LINE STOP WITH BYPASS	2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
1	EA	8" LINE STOP WITH BYPASS	4	EA	WOOD POLE
2	EA	16" LINE STOP WITH BYPASS	8	EA	GUY ASSEMBLY
2	EA	24" LINE STOP WITH BYPASS	4	EA	2" RISER WITH WEATHERHEAD
666	LF	WATER SERVICE LINE	1,778	LF	INDUCTIVE LOOP SAWCUT
1,112	LF	8" SANITARY GRAVITY SEWER	7,750	LF	LEAD-IN CABLE (*****) (14-2)
1,002	LF	6" FORCE MAIN SEWER	1	EA	SITE SURVEY
465	LB	DUCTILE IRON SEWER PIPE FITTINGS	4	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
4	EA	4' DIA UTILITY MANHOLE	1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
14	LF	UTILITY MANHOLE WALL 4' DIA	2	EA	MODIFY RADIO INSTALLATION
1,946	LF	ABANDON 6" UTILITY PIPE	4	EA	METAL STRAIN SIGNAL POLE
3,049	LF	ABANDON 8" UTILITY PIPE	4	EA	SOIL TEST
521	LF	ABANDON 16" UTILITY PIPE	40	CY	DRILLED PIER FOUNDATION
319	LF	ABANDON 24" UTILITY PIPE	20	EA	SIGN FOR SIGNALS
2	EA	ABANDON UTILITY MANHOLE	6	EA	TYPE I POST WITH FOUNDATION
275	LF	24" ENCASEMENT PIPE			
6,740	LF	TEMPORARY SILT FENCE			

16	EA	TYPE II PEDESTAL WITH FOUNDATION
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLERS WITH CABINET (*****) (2070LX W/ ASC/3 BASE MTD)
9	EA	DETECTOR CARD (TYPE 170)
1	EA	CABINET BASE EXTENDER
1	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
6	EA	GENERIC SIGNAL ITEM PEDESTAL WITH PORTABLE BASE RELOCATION
6	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR PUSHBUTTON POST
16	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL
4	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR STRAIN POLE
6	EA	GENERIC SIGNAL ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY
6	EA	GENERIC SIGNAL ITEM TYPE II PEDESTAL WITH PORTABLE BASE WALL ITEMS
260.33	SF	SEGMENTAL GRAVITY RETAINING WALLS



STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231017

006

CONTRACT ID : C204852

34554.3.3

DIV OFFICE SHELBY

LENGTH = 1.118 MI

COUNTY : IREDELL

WIDENING, GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 5.00% COMPLETION DATE : NOV 11, 2028

SR-1100 (BRAWLEY SCHOOL RD) FROM I-77 TO US-21

ROADWAY ITEMS					
			2,415	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	MOBILIZATION	3,400	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	CONSTRUCTION SURVEYING	112	CY	SUBDRAIN EXCAVATION
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	84	CY	SUBDRAIN COARSE AGGREGATE
1	EA	SEALING ABANDONED WELLS	500	LF	6" PERFORATED SUBDRAIN PIPE
36,200	CY	UNCLASSIFIED EXCAVATION	1	EA	SUBDRAIN PIPE OUTLET
9,350	CY	UNDERCUT EXCAVATION	6	LF	6" OUTLET PIPE
161,900	CY	BORROW EXCAVATION	11.6	CY	REINFORCED ENDWALLS
1,210	CY	DRAINAGE DITCH EXCAVATION	1,549	CY	PIPE COLLARS
6,820	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	0.139	CY	PIPE PLUGS
3,340	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	20	CY	FLOWABLE FILL
9,300	CY	SELECT GRANULAR MATERIAL	223	EA	MASONRY DRAINAGE STRUCTURES
9,500	SY	GEOTEXTILE FOR SOIL STABILIZATION	43.3	CY	MASONRY DRAINAGE STRUCTURES
4,717	SF	TEMPORARY SHORING	271.4	LF	MASONRY DRAINAGE STRUCTURES
500	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF COAL ASH CONTAMINATED MATERIAL	59	EA	FRAME WITH TWO GRATES, STD 840.16
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	9	EA	FRAME WITH TWO GRATES, STD 840.24
1,870	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	13	EA	FRAME WITH TWO GRATES, STD 840.29
5,870	SY	FOUNDATION CONDITIONING GEOTEXTILE	17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
136	LF	15" DRAINAGE PIPE	54	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
200	LF	18" DRAINAGE PIPE	59	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
200	LF	24" DRAINAGE PIPE	19	EA	FRAME WITH COVER, STD 840.54
68	LF	30" DRAINAGE PIPE	30	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET
116	LF	15" RC PIPE CULVERTS, CLASS III	36	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
1,160	LF	18" RC PIPE CULVERTS, CLASS III	300	LF	*** X *** CONCRETE CURB (8" X 18")
220	LF	24" RC PIPE CULVERTS, CLASS III	6,400	LF	***,*** CONCRETE CURB & GUTTER (2'-9")
228	LF	30" RC PIPE CULVERTS, CLASS III	450	LF	1'-6" CONCRETE CURB & GUTTER
132	LF	36" RC PIPE CULVERTS, CLASS III	18,250	LF	2'-6" CONCRETE CURB & GUTTER
52	LF	42" RC PIPE CULVERTS, CLASS III	7,170	SY	4" CONCRETE SIDEWALK
60	LF	48" RC PIPE CULVERTS, CLASS III	35	EA	CONCRETE CURB RAMPS
304	LF	60" RC PIPE CULVERTS, CLASS III	160	SY	6" CONCRETE DRIVEWAY
16	LF	15" RC PIPE CULVERTS, CLASS IV	30	SY	4" CONCRETE PAVED DITCH
9,272	LF	18" RC PIPE CULVERTS, CLASS IV	4,810	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
3,100	LF	24" RC PIPE CULVERTS, CLASS IV	116	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
376	LF	30" RC PIPE CULVERTS, CLASS IV	40	EA	GENERIC PAVING ITEM PRECAST CONCRETE PARKING CURB
708	LF	36" RC PIPE CULVERTS, CLASS IV	8	EA	ADJUSTMENT OF MANHOLES
1,124	LF	42" RC PIPE CULVERTS, CLASS IV	15	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
116	LF	18" CS PIPE CULVERTS, 0.064" THICK	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE
4	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE
4,502	LF	PIPE REMOVAL	4	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3
6,400	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION	3,087.5	LF	STEEL BEAM GUARDRAIL
Lump Sum	LS	FINE GRADING	487.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
1,950	CY	SHALLOW UNDERCUT	4	EA	EXTRA LENGTH GUARDRAIL POST (** STEEL) (8')
4,250	TON	CLASS IV SUBGRADE STABILIZATION	10	EA	ADDITIONAL GUARDRAIL POSTS
2,550	TON	INCIDENTAL STONE BASE	10	EA	GUARDRAIL END UNITS, TYPE CAT-1
3,010	SY	INCIDENTAL MILLING	6	EA	GUARDRAIL END UNITS, TYPE TL-3
16,760	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
16,010	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
15,040	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			

8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1,715	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
919	LF	REMOVE EXISTING GUARDRAIL	1,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
633	LF	CHAIN LINK FENCE, *** FABRIC (72")	28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
861	LF	CHAIN LINK FENCE, 48" FABRIC	126	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
54	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")	12	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
71	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	32	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
7	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")	155,849	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	15,745	LF	PAINT PAVEMENT MARKING LINES (8")
1	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (60", 8', 16')	1,560	LF	PAINT PAVEMENT MARKING LINES (24")
1	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (72", 8', 16')	48	EA	PAINT PAVEMENT MARKING CHARACTER
20	LF	BARBED WIRE FENCE RESET	316	EA	PAINT PAVEMENT MARKING SYMBOL
90	LF	CHAIN LINK FENCE RESET	42,100	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (4", 20 MILS)
640	LF	GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL	4,150	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (8", 20 MILS)
1	EA	GENERIC FENCING ITEM RESET EXISTING FENCE GATE	100	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
870	TON	RIP RAP, CLASS I	4	EA	GENERIC PAVEMENT MARKING ITEM IN LANE ROUTE SHIELDS
1,810	TON	RIP RAP, CLASS II	975	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
1	TON	RIP RAP, CLASS A	105	LF	6" WATER LINE
380	TON	RIP RAP, CLASS B	850	LF	8" WATER LINE
3,430	SY	GEOTEXTILE FOR DRAINAGE	1,270	LF	12" WATER LINE
125	CY	OVERHEAD FOOTING	1,335	LF	16" WATER LINE
2,500	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	22,435	LB	DUCTILE IRON WATER PIPE FITTINGS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+00 -Y-)	16	EA	6" VALVE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+25 -Y-)	5	EA	8" VALVE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (40+38 -Y-)	1	EA	12" VALVE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (40+63 -Y-)	1	EA	8" TAPPING SLEEVE & VALVE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (60+25 -L-)	2	EA	16" TAPPING SLEEVE & VALVE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (65+25 -L-)	4	EA	24" TAPPING SLEEVE & VALVE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (65+25 -L-)	12	EA	RELOCATE WATER METER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (65+25 -L-)	1	EA	RELOCATE 2" RPZ BACKFLOW PREVENTION ASSEMBLY
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (65+25 -L-)	14	EA	RELOCATE FIRE HYDRANT
149	EA	SIGN ERECTION, TYPE E	491	LF	FIRE HYDRANT LEG
8	EA	SIGN ERECTION, TYPE F	4	EA	24" LINE STOP
1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (B)	223	LF	*** WATER SERVICE LINE (2")
2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	415	LF	WATER SERVICE LINE
46	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	2,597	LF	8" SANITARY GRAVITY SEWER
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	185	LF	24" FORCE MAIN SEWER
461	SF	WORK ZONE SIGNS (STATIONARY)	3	EA	SANITARY SEWER CLEAN-OUT
480	SF	WORK ZONE SIGNS (PORTABLE)	45	LF	SEWER SERVICE LINE
199	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	10,940	LB	DUCTILE IRON SEWER PIPE FITTINGS
3	EA	FLASHING ARROW BOARD	24	EA	4' DIA UTILITY MANHOLE
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	125	LF	UTILITY MANHOLE WALL 4' DIA
700	EA	DRUMS	55	LF	ABANDON 6" UTILITY PIPE
240	LF	BARRICADES (TYPE III)	3,709	LF	ABANDON 8" UTILITY PIPE
134	DAY	FLAGGER	1,205	LF	ABANDON 12" UTILITY PIPE
2	EA	TEMPORARY CRASH CUSHIONS	1,270	LF	ABANDON 16" UTILITY PIPE
2	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	136	LF	ABANDON 24" UTILITY PIPE
860	LF	PORTABLE CONCRETE BARRIER	3	EA	REMOVE WATER METER
140	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	15	EA	ABANDON UTILITY MANHOLE
810	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER	40	LF	*** ENCASEMENT PIPE (24")
16	HR	LAW ENFORCEMENT	398	LF	16" ENCASEMENT PIPE
1,443	EA	TEMPORARY RAISED PAVEMENT MARKERS	48	LF	36" ENCASEMENT PIPE
950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	403	LF	BORE AND JACK OF *** (16")
			17,200	LF	TEMPORARY SILT FENCE
			1,275	TON	STONE FOR EROSION CONTROL, CLASS A
			3,755	TON	STONE FOR EROSION CONTROL, CLASS B
			3,525	TON	SEDIMENT CONTROL STONE
			9	ACR	TEMPORARY MULCHING

600	LB	SEED FOR TEMPORARY SEEDING	3,710	LF	INDUCTIVE LOOP SAWCUT
5.5	TON	FERTILIZER FOR TEMPORARY SEEDING	16,940	LF	LEAD-IN CABLE (*****) (14-2)
885	LF	TEMPORARY SLOPE DRAINS	2	EA	SITE SURVEY
3,640	LF	SAFETY FENCE	3	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
51,380	CY	SILT EXCAVATION	2	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
21,500	SY	MATTING FOR EROSION CONTROL	6,920	LF	COMMUNICATIONS CABLE (** FIBER) (48)
100	SY	COIR FIBER MAT	1,210	LF	DROP CABLE
30	SY	PERMANENT SOIL REINFORCEMENT MAT	5	EA	SPLICE ENCLOSURE
7,620	LF	1/4" HARDWARE CLOTH	17	EA	DELINEATOR MARKER
4	EA	SPECIAL STILLING BASINS	4	EA	METAL STRAIN SIGNAL POLE
30	LF	COIR FIBER WATTLE	3	EA	METAL POLE WITH SINGLE MAST ARM
900	LB	POLYACRYLAMIDE (PAM)	1	EA	METAL POLE WITH DUAL MAST ARM
855	LF	COIR FIBER BAFFLE	8	EA	SOIL TEST
3	EA	*** SKIMMER (1-1/2")	8	CY	DRILLED PIER FOUNDATION
1	EA	*** SKIMMER (2")	4	EA	METAL STRAIN POLE DESIGN
1	EA	*** SKIMMER (3")	4	EA	MAST ARM WITH METAL POLE DESIGN
12	ACR	SEEDING & MULCHING	28	EA	SIGN FOR SIGNALS
6	ACR	MOWING	12	EA	TYPE I POST WITH FOUNDATION
100	LB	SEED FOR REPAIR SEEDING	10	EA	TYPE II PEDESTAL WITH FOUNDATION
0.5	TON	FERTILIZER FOR REPAIR SEEDING	1	EA	TYPE III PEDESTAL WITH FOUNDATION
375	LB	SEED FOR SUPPLEMENTAL SEEDING	2	EA	RELOCATE EXISTING SIGN
11.25	TON	FERTILIZER TOPDRESSING	4	EA	SIGNAL CABINET FOUNDATION
285	LF	IMPERVIOUS DIKE	1	EA	MODIFY FOUNDATION FOR CONTROLLER CABINET
10	MHR	SPECIALIZED HAND MOWING	5	EA	CONTROLLERS WITH CABINET (*****) (TYPE 2070LX, BASE MOUNTED)
7	MHR	MANUAL LITTER REMOVAL	30	EA	DETECTOR CARD (TYPE 2070L)
2	TON	LITTER DISPOSAL	5	EA	CABINET BASE EXTENDER
25	EA	RESPONSE FOR EROSION CONTROL	5	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
4	EA	CONCRETE WASHOUT STRUCTURE	2	EA	GENERIC SIGNAL ITEM EVP PHASE SELECTOR
0.1	ACR	REFORESTATION	2	EA	GENERIC SIGNAL ITEM OPTICAL DETECTOR UNIT
17	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE			<b>CULVERT ITEMS</b>
51	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT			
18	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
15,870	LF	SIGNAL CABLE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (36+00.33 -L-)
57	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (36+00.33 -L-)
7	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	921	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
6	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	649.4	CY	CLASS A CONCRETE (CULVERT)
4,640	LF	MESSENGER CABLE (1/4")	117,735	LB	REINFORCING STEEL (CULVERT)
730	LF	MESSENGER CABLE (3/8")	1,611	SY	GENERIC CULVERT ITEM FOUNDATION CONDITIONING GEOTEXTILE
1,810	LF	TRACER WIRE			<b>WALL ITEMS</b>
20	LF	PAVED TRENCHING (*****) (1, 2")	16,240	SF	MSE RETAINING WALL NO **** (1)
280	LF	PAVED TRENCHING (*****) (2, 2")	420	SF	MSE RETAINING WALL NO **** (2)
1,840	LF	UNPAVED TRENCHING (*****) (1, 2")	1,200	SF	MSE RETAINING WALL NO **** (3)
2,090	LF	UNPAVED TRENCHING (*****) (2, 2")	230	SF	MSE RETAINING WALL NO **** (4)
30	LF	UNPAVED TRENCHING (*****) (3, 2")	970	SF	MSE RETAINING WALL NO **** (5)
110	LF	UNPAVED TRENCHING (*****) (4, 2")	440	SF	MSE RETAINING WALL NO **** (6)
110	LF	UNPAVED TRENCHING (*****) (6, 2")	16,224	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL)
60	LF	DIRECTIONAL DRILL (*****) (1, 2")	10,365	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO -NW2-
1,020	LF	DIRECTIONAL DRILL (*****) (2, 2")			
80	LF	DIRECTIONAL DRILL (*****) (3, 2")			
130	LF	DIRECTIONAL DRILL (*****) (4, 2")			
41	EA	JUNCTION BOX (STANDARD SIZE)			
26	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)			
4	EA	WOOD POLE			
15	EA	GUY ASSEMBLY			
1	EA	1" RISER WITH WEATHERHEAD			
4	EA	2" RISER WITH WEATHERHEAD			
6	EA	2" RISER WITH HEAT SHRINK TUBING			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231017 007

CONTRACT ID: C204488 15BPR.125.3 DIV OFFICE SYLVA LENGTH = 0.142 MI

COUNTY : CHEROKEE

BRIDGE PRESERVATION.

DBE GOAL 1.00% COMPLETION DATE : JUN 01, 2025

BRIDGE #190009 AND #190010 OVER NOTTELY RIVER AND GRAVEL RD ON US-64 & US-74.

		ROADWAY ITEMS			
Lump Sum	LS	MOBILIZATION	50	EA	GENERIC STRUCTURE ITEM
823	SY	INCIDENTAL MILLING			CLEANING AND PAINTING EXISTING
80	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	5	EA	BEARINGS WITH HIGH RATIO CALCIUM SULFONATE
10	TON	ASPHALT BINDER FOR PLANT MIX			GENERIC STRUCTURE ITEM
240	SF	WORK ZONE SIGNS (STATIONARY)			STEEL BEARING KEEPER ANGLE ASSEMBLY
96	SF	WORK ZONE SIGNS (PORTABLE)			
2	EA	FLASHING ARROW BOARD			
1	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
45	EA	DRUMS			
15	EA	SEQUENTIAL FLASHING WARNING LIGHTS			
1	EA	TMA			
40	EA	TEMPORARY RAISED PAVEMENT MARKERS			
4,600	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)			
9,800	LF	PAINT PAVEMENT MARKING LINES (4")			
9,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
20	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER			
		STRUCTURE ITEMS			
24,767	SF	GROOVING BRIDGE FLOORS			
44.3	CY	CLASS AA CONCRETE (BRIDGE)			
Lump Sum	LS	POLLUTION CONTROL			
67.1	SY	CLASS II, SURFACE PREPARATION			
196.3	CY	LATEX MODIFIED CONC OVERLAY			
3,137	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY			
2	CF	CONCRETE REPAIRS			
192	CF	SHOTCRETE REPAIRS			
2.8	LF	EPOXY RESIN INJECTION			
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING WEATHERING STEEL FOR BRIDGE #190010			
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #190009			
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #190009			
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #190010			
228	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION			
57	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION			
1.1	CF	GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CONCRETE GIRDERS			
96.1	LB	GENERIC STRUCTURE ITEM BEAM REPAIR PLATING			
228	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION			
976	SF	GENERIC STRUCTURE ITEM EPOXY COATING			
698.7	SF	GENERIC STRUCTURE ITEM EPOXY COATING CONCRETE GIRDER ENDS			
1,810	SF	GENERIC STRUCTURE ITEM LINK SLAB FOR PRESERVATION			
3,137	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK			
3,137	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK			