



PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

October 6, 2015

NOTICE TO: All Prequalified Contractors
FROM: R. A. Garris, PE
State Contract Officer
SUBJECT: Raleigh Central Highway Letting

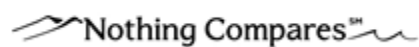
The Highway Letting broadcast of bid opening has changed to a new format. The new method is broadcast via LiveStream. This can be accessed by clicking on the link below or by using the following manual process.

Go to [Raleigh Central Letting](#) and click on "Live Now" which will be available 15 minutes prior to Letting.

Manual process:

Go to www.livestream.com, click on the "Watch" button and then type NCDOT Raleigh Central Letting into the search events window. Select the Raleigh Central Letting event for the desired date. Click "Live Now" to listen to the audio after the event has started.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.






PAT McCRORY
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NICHOLAS J. TENNYSON
Secretary

January 19, 2016

NOTICE TO: All Prequalified Contractors
FROM: R. A. Garris, PE 
State Contract Officer
SUBJECT: Asbestos Inspection Prior to Bridge Demolition

Effective with the February 16, 2016 letting, a new project special provision entitled *Asbestos Assessment for Bridge Demolition and Renovation* will be included in any contract containing a structure removal line item. A contract line item for payment of this work will also be included in the contract.

The United States Environmental Protection Agency (EPA) has provided clarification of the asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation as it applies to bridges, identifying them as regulated structures. As such, a thorough inspection is required for the presence of asbestos.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.





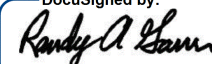
PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

November 22, 2016

NOTICE TO: All Prequalified Contractors

FROM: R.A. Garris, PE
State Contract Officer

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SUBJECT: Division MBE and WBE Banking

Effective with the January 2017 Division lettings, the *Minority Business Enterprise and Women Business Enterprise (Division)* special provision (SP1 G67) will include an option for banking of MBE and WBE participation.

Banking has typically been a practice that applies to central-let state-funded projects only. However, for the time period of January 1, 2017 through September 30, 2017, the Department will allow the practice of banking to be applied to Division-let state-funded projects of any size as a pilot.

The use of banking will be monitored by the Office of Civil Rights and will be evaluated based on the following:

- MBE and WBE utilization
- Number of times banking deposits are made
- Number of times banking withdrawals are made
- Number of times a bidder falls short of the advertised goal(s) and submits a Good Faith Effort
- The impact of banking on MBE and WBE firms

After the evaluation of the pilot, a report will be presented to the Office of the Secretary to determine if banking on Division contracts should continue. The Office of Civil Rights invites comments from the contracting community, MBEs and WBEs throughout the duration of the pilot. All written comments received prior to September 30, 2017 will be included in the report. Comments may be sent to db@ncdot.gov with the subject line "Banking Pilot".



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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON DECEMBER 20, 2016. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<https://connect.ncdot.gov/letting/Pages/>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS NOVEMBER 22, 2016.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

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.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Brandon H Jones, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Mark E Stafford, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L161220

RPN	Contract Id	WBS	County	Length	JobType
001	C203875	46478.3.1	TYRRELL, DARE	2.828 MI	BRIDGE REHABILITATION
002	C203824	38584.3.1	SAMPSON	0.218 MI	GRADING, DRAINAGE, PAVING, RESURFACING, AND STRUCTURES.
003	C203960	2017CPT.09.21.10341.1	FORSYTH	6.360 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
004	C203827	46113.3.1	BURKE	0.145 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C203871	53039.3.1	MCDOWELL	5.940 MI	PAVEMENT AND BRIDGE REHABILITATION.
006	C203825	39999.3.3	JACKSON	3.769 MI	GRADING, DRAINAGE, PAVING, RETAINING WALLS, AND CULVERTS.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161220 001

CONTRACT ID : C203875 46478.3.1

DIV OFFICE EDENTON

LENGTH = 2.828 MI

COUNTY : TYRRELL, DARE

BRIDGE REHABILITATION

WBE GOAL 1% COMPLETION DATE : NOV 30 2018

BRIDGE #7 OVER ALLIGATOR RIVER ON US-64.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
267	SY	INCIDENTAL MILLING
22.5	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1.5	TON	ASPHALT BINDER FOR PLANT MIX
604	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
104	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW BOARD
177	EA	DRUMS
116	LF	BARRICADES (TYPE III)
800	HR	FLAGGER
2	EA	TMA
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
59,706	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
188	EA	PERMANENT RAISED PAVEMENT MARKERS

Lump Sum	LS	GENERIC STRUCTURE ITEM SIREN
Lump Sum	LS	GENERIC STRUCTURE ITEM STABILIZING MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM START UP & COMMISSIONING
Lump Sum	LS	GENERIC STRUCTURE ITEM SUBMARINE CABLE
Lump Sum	LS	GENERIC STRUCTURE ITEM SWITCHES AND RECEPTACLES
Lump Sum	LS	GENERIC STRUCTURE ITEM TURNING MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM UTIL SER. MED VOLT EQUIP. AUTO TRANSFER SWITCH & GENERATOR
Lump Sum	LS	GENERIC STRUCTURE ITEM WIRE AND CABLE
9,429	LF	GENERIC STRUCTURE ITEM BRIDGE JOINT REMOVAL
420	LF	GENERIC STRUCTURE ITEM INJECT AND SEAL CRACK
7,013.5	LF	GENERIC STRUCTURE ITEM PILE JACKETS
280	LF	GENERIC STRUCTURE ITEM PILE WRAP
438	LF	GENERIC STRUCTURE ITEM REJACKETS
9,489	LF	GENERIC STRUCTURE ITEM SILICONE JOINT SEALANT
80.4	CF	GENERIC STRUCTURE ITEM RESTORE SPALLED AREA - EPOXY
473	SF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR EPOXY OVERLAY
387,507	SF	GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM - MECHANICALLY DISTRIBUTED

STRUCTURE ITEMS

42	GAL	GENERIC MISCELLANEOUS ITEM EPOXY MATERIAL
10	LB	REINFORCING STEEL (BRIDGE)
1,363.5	CF	SHOTCRETE REPAIRS
98.1	LF	EPOXY RESIN INJECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM AUXILIARY OPERATING SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE CONTROL SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM CENTER WEDGE MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM CENTERING DEVICE MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE RENOVATIONS
Lump Sum	LS	GENERIC STRUCTURE ITEM DISCONNECT SWITCHES
Lump Sum	LS	GENERIC STRUCTURE ITEM DRY TYPE TRANSFORMER
Lump Sum	LS	GENERIC STRUCTURE ITEM ELECTRICAL DEMOLITION
Lump Sum	LS	GENERIC STRUCTURE ITEM ELECTRICAL REFURBISHING
Lump Sum	LS	GENERIC STRUCTURE ITEM END WEDGE MACHINERY
Lump Sum	LS	GENERIC STRUCTURE ITEM FIELD MEASURING
Lump Sum	LS	GENERIC STRUCTURE ITEM GROUNDING
Lump Sum	LS	GENERIC STRUCTURE ITEM HVAC UNIT
Lump Sum	LS	GENERIC STRUCTURE ITEM JUNCTION AND PULL BOXES
Lump Sum	LS	GENERIC STRUCTURE ITEM LIGHTING
Lump Sum	LS	GENERIC STRUCTURE ITEM MOTOR CONTROL CENTER
Lump Sum	LS	GENERIC STRUCTURE ITEM MOTORS
Lump Sum	LS	GENERIC STRUCTURE ITEM OPERATION & MAINT MANUALS, TRAINING & AS-BUILT DOCUMENTATION
Lump Sum	LS	GENERIC STRUCTURE ITEM PANELBOARD
Lump Sum	LS	GENERIC STRUCTURE ITEM RACEWAY

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L161220 002

CONTRACT ID : C203824 38584.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.218 MI

COUNTY : SAMPSON

GRADING, DRAINAGE, PAVING, RESURFACING, AND STRUCTURES.

DBE GOAL 7.0% COMPLETION DATE : MAY 14 2018

BRIDGES #102, 103, AND 104 OVER LITTLE COHARIE CREEK ON SR-1233.

ROADWAY ITEMS

			80	LF	BARRICADES (TYPE III)
			75	DAY	FLAGGER
			49,306	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	37,360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+39.00)	5,228	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+71.00)	628	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+15.00)	323	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	GRADING	2,881	LF	TEMPORARY SILT FENCE
Lump Sum	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	115	TON	STONE FOR EROSION CONTROL, CLASS A
	1,000	CY UNDERCUT EXCAVATION	191	TON	STONE FOR EROSION CONTROL, CLASS B
	429	CY BORROW EXCAVATION	296	TON	SEDIMENT CONTROL STONE
	10	CY DRAINAGE DITCH EXCAVATION	7.16	ACR	TEMPORARY MULCHING
	1,000	CY SELECT GRANULAR MATERIAL	433	LB	SEED FOR TEMPORARY SEEDING
	1,300	SY GEOTEXTILE FOR SOIL STABILIZATION	2.17	TON	FERTILIZER FOR TEMPORARY SEEDING
	14	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	200	LF	TEMPORARY SLOPE DRAINS
	42	SY FOUNDATION CONDITIONING GEOTEXTILE	1,800	LF	SAFETY FENCE
	48	LF 15" RC PIPE CULVERTS, CLASS IV	100	CY	SILT EXCAVATION
	32	LF 30" RC PIPE CULVERTS, CLASS IV	1,540	SY	MATTING FOR EROSION CONTROL
	2	EA *** PIPE END SECTION (30")	250	SY	COIR FIBER MAT
	48	LF 15" CS PIPE CULVERTS, 0.064" THICK	353	LF	1/4" HARDWARE CLOTH
	4	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")	6	EA	SPECIAL STILLING BASINS
	20	LF PIPE REMOVAL	80	LF	WATTLE
	100	CY SHALLOW UNDERCUT	230	LF	COIR FIBER WATTLE
	200	TON CLASS IV SUBGRADE STABILIZATION	5.79	ACR	SEEDING & MULCHING
	190	TON INCIDENTAL STONE BASE	1.2	ACR	MOWING
	9.12	SMI SHOULDER RECONSTRUCTION	283	LB	SEED FOR REPAIR SEEDING
	350	SY INCIDENTAL MILLING	1.42	TON	FERTILIZER FOR REPAIR SEEDING
	3,550	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	50	LB	SEED FOR SUPPLEMENTAL SEEDING
	5,520	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	1.5	TON	FERTILIZER TOPDRESSING
	25	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)	500	LF	IMPERVIOUS DIKE
	530	TON ASPHALT BINDER FOR PLANT MIX	10	MHR	SPECIALIZED HAND MOWING
	40	TON GENERIC PAVING ITEM	25	EA	RESPONSE FOR EROSION CONTROL
	112	CY SUBDRAIN EXCAVATION	3	EA	GENERIC EROSION CONTROL ITEM
	500	SY GEOTEXTILE FOR SUBSURFACE DRAINS			CONCRETE WASHOUT STRUCTURE
	84	CY SUBDRAIN COARSE AGGREGATE			
	500	LF 6" PERFORATED SUBDRAIN PIPE			
	1	EA SUBDRAIN PIPE OUTLET			
	6	LF 6" OUTLET PIPE			
	4	EA MASONRY DRAINAGE STRUCTURES			
	4	EA FRAME WITH TWO GRATES, STD 840.29			
	1,025	LF SHOULDER BERM GUTTER			
	20	SY 6" CONCRETE DRIVEWAY			
	975	LF STEEL BM GUARDRAIL			
	5	EA ADDITIONAL GUARDRAIL POSTS			
	12	EA GUARDRAIL ANCHOR UNITS, TYPE III			
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350			
	420	TON RIP RAP, CLASS I			
	77	TON RIP RAP, CLASS B			
	1,530	SY GEOTEXTILE FOR DRAINAGE			
	947	SF WORK ZONE SIGNS (STATIONARY)			
	112	SF WORK ZONE SIGNS (PORTABLE)			
	70	SF WORK ZONE SIGNS (BARRICADE MOUNTED)			
	30	EA CONES			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+39.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+71.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+15.00-L-)
	3	EA PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+39.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+71.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+15.00-L-)
	136.6	CY CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+39.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+71.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+15.00-L-)
	18,442	LB REINFORCING STEEL (BRIDGE)
	2,125	LF HP12X53 STEEL PILES

16	EA	PILE REDRIVES
460.25	LF	VERTICAL CONCRETE BARRIER RAIL
835	TON	RIP RAP, CLASS ** (II)
929	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,600	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
700	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L161220 003

CONTRACT ID : C203960 2017CPT.09.21.10341.1 DIV OFFICE WINSTON-SALEM

LENGTH = 6.360 MI

COUNTY : FORSYTH

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 20 2017

US-421 FROM WEST OF WILLIAMS RD TO BRIDGES #221, #221 AND US -421 FROM EAST OF PEACE HAVEN RD
TO EAST OF I-40 INTERCHANGE

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,022	CY	BORROW EXCAVATION
641	TON	INCIDENTAL STONE BASE
24.25	SMI	SHOULDER RECONSTRUCTION
391,598	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
49,902	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,944	TON	ASPHALT BINDER FOR PLANT MIX
100	TON	PATCHING EXISTING PAVEMENT
149,697	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
1	EA	ADJUSTMENT OF MANHOLES
1,200	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
450	HR	LAW ENFORCEMENT
101	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
44	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
85	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
198,773	LF	PAINT PAVEMENT MARKING LINES (6")
2,479	LF	PAINT PAVEMENT MARKING LINES (8")
13,625	LF	PAINT PAVEMENT MARKING LINES (12")
97	LF	PAINT PAVEMENT MARKING LINES (24")
44	EA	PAINT PAVEMENT MARKING CHARAC- TER
76	EA	PAINT PAVEMENT MARKING SYMBOL
198,773	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
3,153	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
13,625	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
97	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,217	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
6,980	LF	TEMPORARY SILT FENCE
699	LF	WATTLE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L161220 004

CONTRACT ID : C203827 46113.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.145 MI

COUNTY : BURKE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : APR 13 2018

BRIDGE #21 OVER HENRY FORK RIVER ON SR-1803 (JOHNSON BRIDGE ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+45.00 -L-)
100	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
100	CY	SELECT GRANULAR MATERIAL
150	SY	GEOTEXTILE FOR SOIL STABILIZATION
50	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
140	SY	FOUNDATION CONDITIONING GEOTEXTILE
248	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
120	LF	66" RC PIPE CULVERTS, CLASS III
24	LF	15" RC PIPE CULVERTS, CLASS IV
50	CY	SHALLOW UNDERCUT
80	TON	CLASS IV SUBGRADE STABILIZATION
50	TON	INCIDENTAL STONE BASE
300	SY	INCIDENTAL MILLING
275	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
75	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
550	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
50	TON	ASPHALT BINDER FOR PLANT MIX
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
16	EA	RIGHT OF WAY MARKERS
1	EA	GENERIC GRADING ITEM RIGHT OF WAY MARKERS
56	CY	SUBDRAIN EXCAVATION
250	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
42	CY	SUBDRAIN COARSE AGGREGATE
250	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
12.6	CY	REINFORCED ENDWALLS
4	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
3	EA	FRAME WITH TWO GRATES, STD 840.29
30	LF	SHOULDER BERM GUTTER
145	LF	CONCRETE EXPRESSWAY GUTTER
312.5	LF	STEEL BM GUARDRAIL
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
60	TON	RIP RAP, CLASS I
30	TON	RIP RAP, CLASS B
1,465	SY	GEOTEXTILE FOR DRAINAGE
80.5	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
492	SF	WORK ZONE SIGNS (STATIONARY)
169	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
112	LF	BARRICADES (TYPE III)

3,040	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
2,300	LF	TEMPORARY SILT FENCE
165	TON	STONE FOR EROSION CONTROL, CLASS A
185	TON	STONE FOR EROSION CONTROL, CLASS B
460	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
1	TON	FERTILIZER FOR TEMPORARY SEEDING
100	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
200	CY	SILT EXCAVATION
6,800	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
430	LF	1/4" HARDWARE CLOTH
180	LF	*** TEMPORARY PIPE (18")
12	EA	SPECIAL STILLING BASINS
25	LB	POLYACRYLAMIDE (PAM)
2	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
35	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+45.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+45.00 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2,16+45.00 -L-)
31	LF	3'-0" DIA DRILLED PIERS IN SOIL
63.5	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+45.00 -L-)
121.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+45.00 -L-)
30,472	LB	REINFORCING STEEL (BRIDGE)
3,756	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
150	LF	HP12X53 STEEL PILES
380	LF	VERTICAL CONCRETE BARRIER RAIL
375	TON	RIP RAP CLASS II (2'-0" THICK)
418	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,900	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L161220 006

CONTRACT ID : C203825 39999.3.3

DIV OFFICE SYLVA

LENGTH = 3.769 MI

COUNTY : JACKSON

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

DBE GOAL 8.0% COMPLETION DATE : FEB 11 2020

NC-107 FROM NORTH OF SR-1002 TO NC-281.

ROADWAY ITEMS					
			2	EA	*** CS PIPE ELBOWS, ***** THICK (48", 0.109")
Lump Sum	LS	MOBILIZATION	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.688")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	FIELD OFFICE	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.688")
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	56	LF	GENERIC PIPE ITEM PIPE LINER
3	EA	SEALING ABANDONED WELLS			
75,000	CY	UNCLASSIFIED EXCAVATION	1,900	LF	PIPE REMOVAL
200	CY	UNDERCUT EXCAVATION	3	EA	PIPE CLEAN-OUT
7,000	CY	BORROW EXCAVATION	Lump Sum	LS	FINE GRADING
503	CY	DRAINAGE DITCH EXCAVATION	3,500	CY	SHALLOW UNDERCUT
800	LF	BERM DITCH CONSTRUCTION	6,945	TON	CLASS IV SUBGRADE STABILIZATION
19,700	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	500	TON	STABILIZER AGGREGATE
10	HR	PROOF ROLLING	5,417	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
200	CY	SELECT GRANULAR MATERIAL	2,240	TON	AGGREGATE BASE COURSE
10,500	SY	GEOTEXTILE FOR SOIL STABILIZATION	11,400	TON	INCIDENTAL STONE BASE
30,576	SF	TEMPORARY SHORING	33,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
1,180	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	268	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5-1/2")
3,710	SY	FOUNDATION CONDITIONING GEOTEXTILE	935	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 4")
992	LF	15" DRAINAGE PIPE	500	SY	INCIDENTAL MILLING
304	LF	18" DRAINAGE PIPE	14,830	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
136	LF	24" DRAINAGE PIPE	21,710	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
212	LF	48" DRAINAGE PIPE	15,960	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
646	LF	15" SIDE DRAIN PIPE	2,655	TON	ASPHALT BINDER FOR PLANT MIX
104	LF	18" SIDE DRAIN PIPE	2,000	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
68	LF	***** RC PIPE CULVERTS, CLASS (15", V)	36,398	LF	GENERIC PAVING ITEM 8" MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
20	LF	***** RC PIPE CULVERTS, CLASS IV (48")	224	CY	SUBDRAIN EXCAVATION
76	LF	***** RC PIPE CULVERTS, CLASS IV (60")	1,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
3,716	LF	15" RC PIPE CULVERTS, CLASS IV	168	CY	SUBDRAIN COARSE AGGREGATE
1,164	LF	18" RC PIPE CULVERTS, CLASS IV	1,000	LF	6" PERFORATED SUBDRAIN PIPE
1,672	LF	24" RC PIPE CULVERTS, CLASS IV	2	EA	SUBDRAIN PIPE OUTLET
136	LF	30" RC PIPE CULVERTS, CLASS IV	12	LF	6" OUTLET PIPE
344	LF	36" RC PIPE CULVERTS, CLASS IV	40	CY	ENDWALLS
104	LF	42" RC PIPE CULVERTS, CLASS IV	12	CY	REINFORCED ENDWALLS
76	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	3.5	CY	PIPE COLLARS
72	LF	*** CS PIPE CULVERTS, ***** THICK (42", 0.109")	50	CY	FLOWABLE FILL
84	LF	*** CS PIPE CULVERTS, ***** THICK (48", 0.109")	148	EA	MASONRY DRAINAGE STRUCTURES
8	LF	*** CS PIPE CULVERTS, ***** THICK (66", 0.138")	41	LF	MASONRY DRAINAGE STRUCTURES
128	LF	15" CS PIPE CULVERTS, 0.064" THICK	3	EA	FRAME WITH GRATE, STD 840.24
228	LF	18" CS PIPE CULVERTS, 0.064" THICK	1	EA	FRAME WITH GRATE, STD 840.29
720	LF	24" CS PIPE CULVERTS, 0.064" THICK	35	EA	FRAME WITH TWO GRATES, STD 840.24
104	LF	30" CS PIPE CULVERTS, 0.079" THICK	104	EA	FRAME WITH TWO GRATES, STD 840.29
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	2	EA	FRAME WITH COVER, STD 840.54
4	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	6,200	LF	SHOULDER BERM GUTTER
8	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	7,200	LF	CONCRETE EXPRESSWAY GUTTER
6	EA	*** CS PIPE ELBOWS, ***** THICK (36", 0.079")	100	SY	4" CONCRETE PAVED DITCH
			60	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1,725	LF	STEEL BM GUARDRAIL
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			10,150	LF	REMOVE EXISTING GUARDRAIL
			7,450	LF	TEMPORARY STEEL BM GUARDRAIL
			3	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
			15	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)

			2,550	TON	STONE FOR EROSION CONTROL, CLASS A
			6,570	TON	STONE FOR EROSION CONTROL, CLASS B
11,875	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS	5,330	TON	SEDIMENT CONTROL STONE
200	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS, SHOP CURVED	89	ACR	TEMPORARY MULCHING
38	EA	GENERIC GUARDRAIL ITEM PAINTED GUARDRAIL ANCHOR UNITS TYPE 350	3,500	LB	SEED FOR TEMPORARY SEEDING
2	EA	GENERIC GUARDRAIL ITEM PAINTED GUARDRAIL ANCHOR UNITS TYPE 350, TL-2	18	TON	FERTILIZER FOR TEMPORARY SEEDING
20	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL ADDITIONAL GUARDRAIL POSTS	4,130	LF	TEMPORARY SLOPE DRAINS
5	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL ANCHOR UNIT, TYPE AT-1, PAINTED LAPS	1,400	LF	SAFETY FENCE
8	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL ANCHOR UNIT, TYPE B-77, PAINTED LAPS	13,020	CY	SILT EXCAVATION
2	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL TERMINAL SECTIONS, PAINTED LAPS	143,000	SY	MATTING FOR EROSION CONTROL
2	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL ANCHOR UNIT, B-77 SHOP CURVED, PAINTED LAPS	100	SY	COIR FIBER MAT
10	EA	GENERIC GUARDRAIL ITEM TEMPORARY ADDITIONAL GUARDRAIL POSTS	2,100	SY	PERMANENT SOIL REINFORCEMENT MAT
415	TON	RIP RAP, CLASS I	13,255	LF	1/4" HARDWARE CLOTH
50	TON	RIP RAP, CLASS A	110	LF	*** TEMPORARY PIPE (24")
320	TON	RIP RAP, CLASS B	115	LF	*** TEMPORARY PIPE (36")
4,394	SY	GEOTEXTILE FOR DRAINAGE	40	CY	STILLING BASINS
868	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	5	EA	SPECIAL STILLING BASINS
2	EA	SIGN ERECTION, TYPE D	2,630	LF	COIR FIBER WATTLE
63	EA	SIGN ERECTION, TYPE E	1,340	LF	COIR FIBER WATTLE BARRIER
22	EA	SIGN ERECTION, TYPE F	3,415	LB	POLYACRYLAMIDE (PAM)
7	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	1,840	LF	COIR FIBER BAFFLE
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	12	EA	*** SKIMMER (1-1/2")
34	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	48	ACR	SEEDING & MULCHING
280	SF	WORK ZONE SIGNS (STATIONARY)	54	ACR	MOWING
224	SF	WORK ZONE SIGNS (PORTABLE)	900	LB	SEED FOR REPAIR SEEDING
152	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	2.5	TON	FERTILIZER FOR REPAIR SEEDING
219	EA	DRUMS	1,500	LB	SEED FOR SUPPLEMENTAL SEEDING
219	EA	CONES	40	TON	FERTILIZER TOPDRESSING
288	LF	BARRICADES (TYPE III)	200	LF	IMPERVIOUS DIKE
780	DAY	FLAGGER	80	MHR	SPECIALIZED HAND MOWING
5	EA	TEMPORARY CRASH CUSHIONS	150	EA	RESPONSE FOR EROSION CONTROL
8	EA	RESET TEMPORARY CRASH CUSHION	1	ACR	REFORESTATION
1	EA	TMA	16	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
1,384	LF	PORTABLE CONCRETE BARRIER	10	ACR	GENERIC EROSION CONTROL ITEM LIMESTONE FOR SOIL AMENDMENT
1,219	LF	RESET PORTABLE CONCRETE BARRIER			
219	EA	SKINNY DRUM			
702	EA	TEMPORARY RAISED PAVEMENT MARKERS			
1,374	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
77	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
1	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)			
258,183	LF	PAINT PAVEMENT MARKING LINES (4")			
1,395	LF	PAINT PAVEMENT MARKING LINES (8")			
95	LF	PAINT PAVEMENT MARKING LINES (24")			
29	EA	PAINT PAVEMENT MARKING SYMBOL			
83,437	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)			
1,808	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
2	EA	PERMANENT RAISED PAVEMENT MARKERS			
262	EA	SNOWPLOWABLE PAVEMENT MARKERS			
40,000	LF	TEMPORARY SILT FENCE			

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (142+79.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (168+42.00 -L-)
133	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
154.9	CY	CLASS A CONCRETE (CULVERT)
21,190	LB	REINFORCING STEEL (CULVERT)

WALL ITEMS

650	LF	GENERIC RETAINING WALL ITEM CONCRETE BARRIER RAIL WITH MOMENT SLAB
90,500	SF	GENERIC RETAINING WALL ITEM PILE WALLS WITH OPTIONS

