

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PAT MCCRORY GOVERNOR ANTHONY J. TATA SECRETARY

July 11, 2014

NOTICE TO:

All Prequalified Contractors

FROM:

R. A. Garris, PE

State Contract Officer

SUBJECT:

Broadcast of Raleigh Central Highway Letting

Effective with the July 15, 2014 Highway Letting the broadcast of the bid opening is changing to a new format. The new method will be 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.

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT 2:00 PM ON MARCH 17, 2015. 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 FEBRUARY 17, 2015.
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>	DIVISION ENGINEER Jerry Jennings, PE	LOCATION 113 AIRPORT DRIVE, SUITE 100	TOWN EDENTON	TELEPHONE (252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Fussell, 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	Robert W Stone II, 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	Reuben D Chandler, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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<b>Bid Letting Number</b>	L150317		NOT OBILED	
RPN Contract Id WI	BS	County	Length	JobType
001 C203551 384	456.3.FD1	WAKE	0.232 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
*002 C203535 386	688.3.GVS6BA	VANCE, WARREN	11.189 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
*003 C203534 38	8688.3.GVS6BB	WARREN	9.412 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
004 C203646 386	688.3.GVS6BA E	EWARREN, VANCE	20.602 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
005 C203549 470	031.3.FS1	ROBESON	6.120 MI	MILLING, RESURFACING & BRIDGE REHABILITATION.
006 C203561 46	139.3.FS1	ROWAN	0.261 MI	GRADING, DRAINAGE, AND PAVING.
007 C203389 343	379.3.FS33	MECKLENBURG, CABARRUS	3.845 MI	ITS - CCTV INSTALLATION.
008 C203644 100	CR.10901.40 ET	UNION	41.410 MI	MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
009 C203643 120	CR.10551.13 ET	<b>L</b> INCOLN	14.450 MI	MILLING, RESURFACING, SHLDR RECONSTR & MILLED RUMBLE STRIPS.
010 C203490 46	191.3.FS1	MADISON	4.100 MI	GUARDRAIL, PAVING & MILLING.
<b>Bid Letting Number</b>	L150421			
RPN Contract Id W	BS	County	Length	JobType
001 C203563 384	496.3.FR1	CARTERET	0.676 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.

#### \*NOTE:

RPN 2, C203535 VANCE, WARREN I-0914BA WILL HAVE A CHANGE IN PRICING: LARGE PLANS \$200.00, SMALL PLANS 60.00, AND CROSS SECTIONS 60.00.

RPN 3, C203534 WARREN I-0914BB WILL HAVE A CHANGE IN PRICING: LARGE PLANS \$200.00, SMALL PLANS \$60.00, AND CROSS SECTIONS \$60.00.

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L150317 001

# FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C203551 38456.3.FD1 DIV OFFICE DURHAM LENGTH = 0.232 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

#### DBE GOAL 10.0% COMPLETION DATE: APR 17 2016

#### BRIDGE # 373 OVER BASAL CREEK ON SR-1393.

		ROADWAY ITEMS	294	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
Lump Sum	LS	MOBILIZATION	6	EA	DRUMS
Lump Sum	LS	CONSTRUCTION SURVEYING	224	LF	BARRICADES (TYPE III)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ******	1,000	LF	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN SAFETY FENCE
1	ACR	(16+15.00) SUPPLEMENTARY CLEARING & GRUB-	2,450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
400	CY	BING UNDERCUT EXCAVATION	2,450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	GRADING	15	EA	PERMANENT RAISED PAVEMENT
11,500	CY	BORROW EXCAVATION	13	LA	MARKERS
240	CY	DRAINAGE DITCH EXCAVATION	2,500	LF	TEMPORARY SILT FENCE
400	CY	SELECT GRANULAR MATERIAL	180	TON	STONE FOR EROSION CONTROL,
500	SY	GEOTEXTILE FOR SOIL STABILIZA-	100	1011	CLASS A
110	TON	TION FOUNDATION CONDITIONING MATE-	500	TON	
		RIAL, MINOR STRUCTURES	580	TON	SEDIMENT CONTROL STONE
350	SY	FOUNDATION CONDITIONING GEO- TEXTILE	3	ACR	TEMPORARY MULCHING
140	LF	15" DRAINAGE PIPE	200	LB	SEED FOR TEMPORARY SEEDING
264	LF	18" DRAINAGE PIPE	2	TON	FERTILIZER FOR TEMPORARY SEED- ING
36	LF	24" DRAINAGE PIPE	500	LF	TEMPORARY SLOPE DRAINS
20	LF	18" RC PIPE CULVERTS, CLASS	500		
20	Li	III	800	LF	SAFETY FENCE
428	LF	15" RC PIPE CULVERTS, CLASS IV	730	CY	SILT EXCAVATION
64	LF	18" RC PIPE CULVERTS, CLASS IV	8,000	SY	MATTING FOR EROSION CONTROL
84	LF	24" RC PIPE CULVERTS, CLASS IV	150	SY	COIR FIBER MAT
80	LF	PIPE REMOVAL	400	SY	PERMANENT SOIL REINFORCEMENT
300	TON	INCIDENTAL STONE BASE			MAT
			750	LF	1/4" HARDWARE CLOTH
175	SY	INCIDENTAL MILLING	150	SY	FLOATING TURBIDITY CURTAIN
750	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	12	EA	SPECIAL STILLING BASINS
760	TON	ASPHALT CONC INTERMEDIATE	450	LF	COIR FIBER WATTLE
, 00	1011	COURSE, TYPE I19.0B	230	LB	POLYACRYLAMIDE (PAM)
740	TON	ASPHALT CONC SURFACE COURSE,	245	LF	COIR FIBER BAFFLE  **" SKIMMER
114	TON	TYPE S9.5B ASPHALT BINDER FOR PLANT MIX	3	EA	(1-1/2")
13	EA	RIGHT OF WAY MARKERS	3	ACR	SEEDING & MULCHING
16	EA	MASONRY DRAINAGE STRUCTURES	1.5	ACR	MOWING
3.5	LF	MASONRY DRAINAGE STRUCTURES	50	LB	SEED FOR REPAIR SEEDING
3	EA	FRAME WITH TWO GRATES, STD	0.25	TON	FERTILIZER FOR REPAIR SEEDING
		840.24	100	LB	SEED FOR SUPPLEMENTAL SEEDING
1	EA	FRAME WITH GRATE & HOOD, STD	2.5	TON	FERTILIZER TOPDRESSING
		840.03, TYPE ** (E)	10	MHR	SPECIALIZED HAND MOWING
3	EA	FRAME WITH GRATE & HOOD, STD	18	EA	RESPONSE FOR EROSION CONTROL
3	LA	### ### ### ##########################	0.1	ACR	REFORESTATION
8	EA	FRAME WITH GRATE & HOOD, STD			
		840.03, TYPE **			STRUCTURE ITEMS
000	T.F.	(G)			
900	LF	2'-6" CONCRETE CURB & GUTTER			
490	SY	4" CONCRETE SIDEWALK 6" CONCRETE DRIVEWAY	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
30	SY				REMOVAL OF TEMP ACCESS AT STA
900 5	LF EA	STEEL BM GUARDRAIL ADDITIONAL GUARDRAIL POSTS			(16+15.00-L-)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
4	LA	***********			AT STATION ********
		(350 TL-2)			(16+15.00-L-)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	50	LF	3'-0" DIA DRILLED PIERS IN
		**************************************	42	LF	SOIL 3'-0" DIA DRILLED PIERS NOT IN
475	TON	RIP RAP, CLASS II	42		SOIL
220	TON	RIP RAP, CLASS B	53	LF	PERMANENT STEEL CASING FOR
2,435	SY	GEOTEXTILE FOR DRAINAGE			3'-0" DIA DRILLED PIER
1	EA	PREFORMED SCOUR HOLES WITH	1	EA	SID INSPECTIONS
		LEVEL SPREADER APRON	1	EA	CSL TESTING
138	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION *******
2	EA	SIGN ERECTION, TYPE D			(16+15.00-L-)
6	EA	SIGN ERECTION, TYPE E	38.3	CY	CLASS AA CONCRETE (BRIDGE)
1	EA	SIGN ERECTION, RELOCATE, TYPE  **** (GROUND MOUNTED)	102	CY	CLASS A CONCRETE (BRIDGE)
		**** (GROUND MOUNTED) (E)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
8	EA	DISPOSAL OF SIGN SYSTEM, U-	-		**************************************
		CHANNEL	26 171	ΙD	(16+15.00-L-)
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL	26,171	LB	REINFORCING STEEL (BRIDGE)
387	SF	WORK ZONE SIGNS (STATIONARY)			

1,596	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
2,877	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
265	LF	HP12X53 STEEL PILES
14	EA	STEEL PILE POINTS
132.4	LF	TWO BAR METAL RAIL
132.4	LF	THREE BAR METAL RAIL
140.26	LF	1'-**"X *****" CONCRETE PARA- PET (1'-2" X 2'-9 3/8")
720	TON	RIP RAP CLASS II (2'-0" THICK)
800	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,100	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

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L150317 002

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

CONTRACT ID: C203535 38688.3.GVS6BA DIV OFFICE DURHAM LENGTH = 11.189 MI

COUNTY: VANCE, WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

#### DBE GOAL 13.0% COMPLETION DATE: DEC 28 2020

# I-85 FROM NORTH OF SR-1162 (DABNEY DR) IN VANCE CO TO NORTH OF SR-1237 SR-1237 (MANSON-DREWRY RD) IN WARREN CO.

		ROADWAY ITEMS	Lump Sum 42,000	LS CY	FINE GRADING
			83,000	TON	SHALLOW UNDERCUT CLASS IV SUBGRADE STABILIZA- TION
Lump Sum	LS	MOBILIZATION	500	TON	STABILIZER AGGREGATE
Lump Sum	LS	CONSTRUCTION SURVEYING	419	TON	
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)			AGGREGATE BASE COURSE
3	ACR	SUPPLEMENTARY CLEARING & GRUB-	400	TON	INCIDENTAL STONE BASE
2	EA	BING SEALING ABANDONED WELLS	5,060	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH
361,300	CY	UNCLASSIFIED EXCAVATION			(3")
Lump Sum	LS	REINFORCED BRIDGE APPROACH	259,020	SY	MILLING ASPHALT PAVEMENT, ***"
Lump Sum	LO	FILL, STATION *********			DEPTH (5/8")
		(177+61.31 -NBL-)	34.000	TON	ASPHALT CONC BASE COURSE, TYPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH	54,000	1011	B25.0B
		FILL, STATION ********	81,200	TON	ASPHALT CONC BASE COURSE, TYPE
T 0		(21+34.80 - Y5 SBL-)			B25.0C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	59,500	TON	ASPHALT CONC INTERMEDIATE
		(22+06.96 -Y1-)			COURSE, TYPE 119.0B
Lump Sum	LS	REINFORCED BRIDGE APPROACH	52,900	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
		FILL, STATION ********	52,000	TON	ASPHALT CONC SURFACE COURSE,
		(419+67.07 -SBL-)	32,000	TON	TYPE S9.5B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	60,300	TON	ASPHALT CONC SURFACE COURSE,
		(421+29.07 -NBL-)			TYPE S9.5C
4,600	CY	UNDERCUT EXCAVATION	2,950	TON	ASPHALT CONC SURFACE COURSE,
39,500	CY	BORROW EXCAVATION			TYPE S4.75A
4,410	CY	DRAINAGE DITCH EXCAVATION	200	TON	ASPHALT CONC SURFACE COURSE, TYPE SA-1
3,290	LF	BERM DITCH CONSTRUCTION	10 405	TON	
147,700	SY	REMOVAL OF EXISTING ASPHALT	18,485 37,500	TON TON	ASPHALT BINDER FOR PLANT MIX PERMEABLE ASPHALT DRAINAGE
		PAVEMENT	37,300	TON	COURSE, TYPE P-78M
97,700	SY	REMOVAL OF EXISTING CONCRETE	2,000	TON	ASPHALT PLANT MIX, PAVEMENT
		PAVEMENT	_,		REPAIR
3,980	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	240,000	LF	MILLED RUMBLE STRIPS (ASPHALT
13,960	SY	BREAKING OF EXISTING CONCRETE			CONCRETE)
13,900	31	PAVEMENT	337,000	SY	*****" PORT CEM CONC PAVEMENT,
1,100	CY	SELECT GRANULAR MATERIAL			THROUGH LANES (WITH DOWELS) (10")
130,500	SY	GEOTEXTILE FOR SOIL STABILIZA-	21,200	SY	*****" PORT CEM CONC PAVEMENT,
		TION	21,200		RAMPS (WITH DOWELS)
1,981	SF	TEMPORARY SHORING			(10")
4,220	SY	ROCK PLATING	10,750	SY	*****" PORT CEM CONC PAVEMENT,
Lump Sum	LS	GENERIC GRADING ITEM SAFETY CLEARING			MISCELLANEOUS (WITHOUT DOWELS) (10")
2,230	TON	FOUNDATION CONDITIONING MATE-	780	TON	GENERIC PAVING ITEM
2,230	1011	RIAL, MINOR STRUCTURES			CONCRETE PAVEMENT REPAIR
7,020	SY	FOUNDATION CONDITIONING GEO-			(UNDER TRAFFIC)
		TEXTILE	1,820	TON	GENERIC PAVING ITEM
11,700	LF	15" RC PIPE CULVERTS, CLASS			CONCRETE PAVEMENT REPAIR (NOT UNDER TRAFFIC)
2.604	LF	III	90	SY	GENERIC PAVING ITEM
2,604	LF	18" RC PIPE CULVERTS, CLASS III			MEDIAN CROSSOVER
678	LF	24" RC PIPE CULVERTS, CLASS	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT
		III			CEM CONC PAVEMENT
460	LF	30" RC PIPE CULVERTS, CLASS	4	EA	RIGHT OF WAY MARKERS
		III	672	CY	SUBDRAIN EXCAVATION
180	LF	36" RC PIPE CULVERTS, CLASS	2,500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
8	LF	48" RC PIPE CULVERTS, CLASS	84	CY	SUBDRAIN FINE AGGREGATE
Ü		III	420	CY	SUBDRAIN COARSE AGGREGATE
60	LF	15" RC PIPE CULVERTS, CLASS IV	3,000	LF	6" PERFORATED SUBDRAIN PIPE
4,598	LF	15" CS PIPE CULVERTS, 0.064"	6	EA	SUBDRAIN PIPE OUTLET
		THICK	36	LF	6" OUTLET PIPE
724	LF	18" CS PIPE CULVERTS, 0.064"	114,300	LF	SHOULDER DRAIN
20	LF	THICK 24" CS PIPE CULVERTS, 0.064"	114,300	LF	4" SHOULDER DRAIN PIPE
20	LF	THICK	5,400	LF	4" OUTLET PIPE FOR SHOULDER
178	EA	**" CS PIPE ELBOWS, *****"	165	Б.	DRAINS
		THICK	165	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
		(15", 0.064")	48	EA	TEMPORARY STEEL PLATE COVERS
38	EA	**" CS PIPE ELBOWS, *****"	.0		FOR MASONRY DRAINAGE
		THICK (18", 0.064")			STRUCTURE
4	EA	**" CS PIPE ELBOWS, *****"	38.3	CY	PIPE COLLARS
-	1	THICK	32	CY	FLOWABLE FILL
		(24", 0.064")	333	EA	MASONRY DRAINAGE STRUCTURES
269	LF	GENERIC PIPE ITEM	128	LF	MASONRY DRAINAGE STRUCTURES
2.010	1.17	60" CURED-IN-PLACE PIPE	5	EA	FRAME WITH GRATE, STD 840.22
3,819	LF EA	PIPE REMOVAL PIPE CLEAN-OUT	134	EA	FRAME WITH TWO GRATES, STD 840.20
36 530	EA SY	6" SLOPE PROTECTION			040.20
330	31	o blote i notection			

			<b>240</b>	mov.	DID DAD CLASS I
			640 515	TON	RIP RAP, CLASS I RIP RAP, CLASS II
				TON	RIP RAP, CLASS B
251	EA	FRAME WITH TWO GRATES, STD	15,210	SY	GEOTEXTILE FOR DRAINAGE
1	EA	840.22 FRAME WITH TWO GRATES, STD	75	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS
1	Lil	840.24	11	CY	PLAIN CONCRETE SIGN FOUNDA-
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	231	CY	TIONS OVERHEAD FOOTING
		(E)	37,350	LB	SUPPORTS, BREAKAWAY STEEL BEAM
3	EA	FRAME WITH GRATE & HOOD, STD	25,810	LB	SUPPORTS, SIMPLE STEEL BEAM
		840.03, TYPE ** (F)	9,169	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	FRAME WITH GRATE & HOOD, STD	137 Lump Sum	LF LS	SUPPORTS, WOOD SUPPORTS, OVERHEAD SIGN STRUC-
		840.03, TYPE ** (G)			TURE AT STA *****
74	EA	FRAME WITH COVER, STD 840.54	Lump Sum	LS	(114+50 -NBL-) SUPPORTS, OVERHEAD SIGN STRUC-
3,270	LF	2'-6" CONCRETE CURB & GUTTER	Eurip Suin	Lij	TURE AT STA *****
21,100 660	LF SY	SHOULDER BERM GUTTER 4" CONCRETE SIDEWALK	Lump Sum	LS	(142+50 -SBL-) SUPPORTS, OVERHEAD SIGN STRUC-
11	EA	CONCRETE CURB RAMP	Eurip Suin	Lij	TURE AT STA ******
240	SY	4" CONCRETE PAVED DITCH	Lump Sum	LS	(166+50 -NBL-) SUPPORTS, OVERHEAD SIGN STRUC-
580	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	Lump Sum	Lo	TURE AT STA ******
711	LF	PRECAST REINFORCED CONCRETE	Lump Sum	LS	(196+00 -SBL-)
950	LF	BARRIER, SINGLE FACED GENERIC PAVING ITEM	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
930	LI	SPECIAL SHOULDER BERM GUTTER			(276+50 -SBL-)
114	EA	ADJUSTMENT OF DROP INLETS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
5 14	EA EA	ADJUSTMENT OF MANHOLES ADJUSTMENT OF METER BOXES OR			(31+00 -Y5 SBL-)
14	LA	VALVE BOXES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
10	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX			(318+00 -NBL-)
27	EA	CONVERT EXISTING DROP INLET TO	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
4 - 5 - 200		JUNCTION BOX			(358+50 -SBL-)
165,200 150	LF LF	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
100		CURVED			(39+50 -Y5 NBL-)
350	LF	STEEL BM GUARDRAIL, DOUBLE FACED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
50	EA	ADDITIONAL GUARDRAIL POSTS			(434+50 -SBL-)
24	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
		(III MODIFIED)			(73+50 -SBL-)
73	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
4	EA	CAT-1 GUARDRAIL ANCHOR UNITS, TYPE			(US-1 NBL)
•	2	III	53 191	EA	SIGN ERECTION, TYPE D
110	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	191	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	50	EA	SIGN ERECTION, TYPE ***
34	EA	M-350 GUARDRAIL ANCHOR UNITS, TYPE			(GROUND MOUNTED) (A)
34	LA	B-77	33	EA	SIGN ERECTION, TYPE ***
4,737	LF	REMOVE & RESET EXISTING GUARD- RAIL			(GROUND MOUNTED) (B)
54,470	LF	REMOVE EXISTING GUARDRAIL	80	EA	SIGN ERECTION, MILEMARKERS
90,500	LF	REMOVE EXISTING GUIDERAIL	2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
64,650 137.5	LF LF	TEMPORARY STEEL BM GUARDRAIL TEMPORARY STEEL BM GUARDRAIL	26	EA	SIGN ERECTION, RELOCATE, TYPE
137.3	LI	(SHOP CURVED)			**** (GROUND MOUNTED) (A)
325	LF	TEMPORARY STEEL BM GUARDRAIL, DOUBLE FACED	11	EA	SIGN ERECTION, RELOCATE, TYPE
2	EA	TEMPORARY GUARDRAIL ANCHOR			**** (GROUND MOUNTED) (B)
		UNITS, TYPE ******** (AT-1)	1	EA	SIGN ERECTION, RELOCATE, TYPE
1	EA	TEMPORARY GUARDRAIL ANCHOR			**** (GROUND MOUNTED) (D)
		UNITS, TYPE ******** (B-77)	10	EA	SIGN ERECTION, RELOCATE, TYPE
5	EA	TEMPORARY GUARDRAIL ANCHOR			**** (GROUND MOUNTED) (E)
		UNITS, TYPE ********	69	EA	DISPOSAL OF SUPPORT, STEEL
2	EA	(CAT-1) TEMPORARY GUARDRAIL ANCHOR	4	EA	BEAM DISPOSAL OF SIGN SYSTEM, OVER-
		UNITS, TYPE ******** (III)	6	EA	HEAD
112	EA	TEMPORARY GUARDRAIL ANCHOR	110	EA	DISPOSAL OF SIGN SYSTEM, STEEL
		UNITS, TYPE 350	150	EA	BEAM DISPOSAL OF SIGN SYSTEM, U-
2,430 5	LF EA	DOUBLE FACED CABLE GUIDERAIL ADDITIONAL GUIDERAIL POSTS			CHANNEL
3	EA	CABLE GUIDERAIL ANCHOR UNITS	10	EA EA	DISPOSAL OF SIGN SYSTEM, WOOD DISPOSAL OF SUPPORT, U-CHANNEL
1,320	LF	WOVEN WIRE FENCE, 47" FABRIC	4	EA	DISPOSAL OF SUPPORT, C-CHANNEL DISPOSAL OF SIGN, D, E OR F
81	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	46	EA	DISPOSAL OF SIGN, MILEMARKER
25	EA	5" TIMBER FENCE POSTS, 8'-0"	8,845 3,552	SF SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)
378	LF	LONG CHAIN LINK FENCE, 48" FABRIC	870	SF	WORK ZONE SIGNS (FOR FABLE) WORK ZONE SIGNS (BARRICADE
32	EA	METAL LINE POSTS FOR 48" CHAIN		г.	MOUNTED)
		LINK FENCE	12 19	EA EA	FLASHING ARROW BOARD PORTABLE CHANGEABLE MESSAGE
2	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE			SIGN
350	LF	GENERIC FENCING ITEM	1,323 47	EA EA	DRUMS CONES
		VINYL COATED GLARE SCREEN (GR MOUNTED)	536	LF	BARRICADES (TYPE III)
173,082	LF	RELAPPING GUARDRAIL	1,520	HR	FLAGGER

10,000 TON STONE FOR EROSION CONTROL,

			10,000	TON	STONE FOR EROSION CONTROL, CLASS A
			15,000	TON	STONE FOR EROSION CONTROL,
7	EA	TEMPORARY CRASH CUSHIONS			CLASS B
2	EA	RESET TEMPORARY CRASH CUSHION	15,000	TON	SEDIMENT CONTROL STONE
20	EA	TMA	400 23,600	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
32,404	LF	PORTABLE CONCRETE BARRIER	23,000	TON	FERTILIZER FOR TEMPORARY SEED-
262	LF	PORTABLE CONCRETE BARRIER	110	10	ING
92,927	LF	(ANCHORED) RESET PORTABLE CONCRETE BAR-	5,000	LF	TEMPORARY SLOPE DRAINS
92,921	LF	RIER	200	LF	SAFETY FENCE
258	LF	RESET PORTABLE CONCRETE BAR-	79,201 300,000	CY SY	SILT EXCAVATION MATTING FOR EROSION CONTROL
226		RIER (ANCHORED)	730	SY	COIR FIBER MAT
226 7,424	LF HR	WATER FILLED BARRIER LAW ENFORCEMENT	2,750	SY	PERMANENT SOIL REINFORCEMENT
47	EA	SKINNY DRUM			MAT
9	EA	GENERIC TRAFFIC CONTROL ITEM	10,000 80	LF LF	1/4" HARDWARE CLOTH **" TEMPORARY PIPE
2	EA	COVERING OF TYPE A SIGNS	80	LF	(18")
2	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE B SIGNS	22	EA	SPECIAL STILLING BASINS
25	EA	GENERIC TRAFFIC CONTROL ITEM	2,950	LF	COIR FIBER WATTLE
1	EA	COVERING OF TYPE D SIGNS GENERIC TRAFFIC CONTROL ITEM	4,600 4,000	LF LB	WATTLE BARRIER POLYACRYLAMIDE (PAM)
1	LA	COVERING OF TYPE E SIGNS	8,000	LF	COIR FIBER BAFFLE
14,740	EA	TEMPORARY RAISED PAVEMENT	51	EA	**" SKIMMER
105	LF	MARKERS THERMOPLASTIC PAVEMENT MARKING	2	Б.	(1-1/2")
103	LI	LINES (8", 90 MILS)	3	EA	**" SKIMMER (2")
207	LF	THERMOPLASTIC PAVEMENT MARKING	300	ACR	SEEDING & MULCHING
748	LF	LINES (8", 120 MILS) THERMOPLASTIC PAVEMENT MARKING	600	ACR	
740	LF	LINES (24", 120 MILS)	5,350 13.75	LB TON	SEED FOR REPAIR SEEDING
16	EA	THERMOPLASTIC PAVEMENT MARKING	7,575	LB	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING
117	EA	CHARACTER (120 MILS) THERMOPLASTIC PAVEMENT MARKING	227	TON	FERTILIZER TOPDRESSING
117	LA	SYMBOL (90 MILS)	300	LF	IMPERVIOUS DIKE
4,110	LF	COLD APPLIED PLASTIC PAVEMENT	1,000	MHR	
		MARKING LINES, TYPE ** (4") (IV)	125	EA EA	RESPONSE FOR EROSION CONTROL PEDESTRIAN SIGNAL HEAD (16", 1
38,490	LF	COLD APPLIED PLASTIC PAVEMENT	4	EA	SECTION W/COUNTDOWN)
		MARKING LINES, TYPE ** (6")	1,550	LF	SIGNAL CABLE
152	LF	(IV) COLD APPLIED PLASTIC PAVEMENT	3	EA	VEHICLE SIGNAL HEAD (12", 3
132	Li	MARKING LINES, TYPE ** (8")	1	EA	SECTION) VEHICLE SIGNAL HEAD (12", 4
0.600	LE	(II)			SECTION)
9,600	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12")	610	LF	UNPAVED TRENCHING (********)
		(IV)	1,975	LF	(1, 2") UNPAVED TRENCHING FOR TEMP-
14,249	LF	PAINT PAVEMENT MARKING LINES (4")	2,7.7.2		ORARY LEAD-IN
2,116,978	LF	PAINT PAVEMENT MARKING LINES	50	LF	DIRECTIONAL DRILL (*******)
		(6")	9	EA	(1, 2") JUNCTION BOX (STANDARD SIZE)
1,010	LF	PAINT PAVEMENT MARKING LINES (8")	3	EA	1/2" RISER WITH WEATHERHEAD
14,576	LF	PAINT PAVEMENT MARKING LINES	1	EA	1" RISER WITH WEATHERHEAD
		(12")	4	EA	2" RISER WITH WEATHERHEAD
238	LF	PAINT PAVEMENT MARKING LINES (24")	1,990 6,200	LF LF	INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (************)
16	EA	PAINT PAVEMENT MARKING CHARAC-	0,200		(14-2)
		TER	10	EA	SIGN FOR SIGNALS
56 28,098	EA LF	PAINT PAVEMENT MARKING SYMBOL POLYUREA PAVEMENT MARKING	3 2	EA EA	TYPE I POST WITH FOUNDATION TYPE II PEDESTAL WITH FOUND-
20,090	LI	LINES (4", ********)	2	LA	ATION
		(HIGHLY REFLECTIVE ELEMENTS)	1	EA	SIGNAL CABINET FOUNDATION
319,251	LF	POLYUREA PAVEMENT MARKING LINES (6", *********)	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
		(HIGHLY REFLECTIVE ELEMENTS)	5	EA	DETECTOR CARD (TYPE 2070L)
797	LF	POLYUREA PAVEMENT MARKING LINES (8", *********)	1	EA	CABINET BASE EXTENDER
		(HIGHLY REFLECTIVE ELEMENTS)			
16,468	LF	POLYUREA PAVEMENT MARKING			
		LINES (12", *********) (HIGHLY REFLECTIVE ELEMENTS)			CULVERT ITEMS
4,954	LF	REMOVAL OF PAVEMENT MARKING			
202 200	LE	LINES (4")	8.9	CY	CLASS A CONCRETE (CULVERT)
292,200	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	1,003	LB	REINFORCING STEEL (CULVERT)
257	LF	REMOVAL OF PAVEMENT MARKING	174	SF	SHEET PILE RETAINING WALLS
7 200	LE	LINES (8")	136.4	CF	SHOTCRETE REPAIRS
7,200	LF	REMOVAL OF PAVEMENT MARKING LINES (12")	42.5 52	LF LF	EPOXY RESIN INJECTION GENERIC CULVERT ITEM
42	LF	REMOVAL OF PAVEMENT MARKING	52	Lľ	JOINT SEALER WRAP
24	E 4	LINES (24")  PEMOVAL OF PAVEMENT MARKING	459	SF	GENERIC CULVERT ITEM
24	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			EPOXY COATING
281,756	LF	CURING COMPOUND REMOVAL, LINES			
64	EA	CURING COMPOUND REMOVAL, SYM-			THAT I INDEXES
28,729	LF	BOLS & CHARACTERS GENERIC PAVEMENT MARKING ITEM			WALL ITEMS
20,727		THERMOPLASTIC PROFILED			
71	EΑ	PAVEMENT MARKING LINES 6" PERMANENT RAISED PAVEMENT	550	SF	MSE RETAINING WALL NO ****
71	EA	MARKERS			(1)
3.179	EA	SNOWPLOWABLE PAVEMENT MARKERS			

3,179 EA SNOWPLOWABLE PAVEMENT MARKERS 45,000 LF TEMPORARY SILT FENCE

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		STRUCTURE ITEMS
35.8	TON	ASPHALT CONC SURFACE COURSE,
Lump Sum	LS	TYPE SF9.5A REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	(177+61.31 -NBL-) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	(21+34.80 -Y5 SBL-) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	(22+06.96 - Y1-) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
252	LF	PILE EXCAVATION IN SOIL
48	LF	PILE EXCAVATION NOT IN SOIL
2	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (21+34.80 -Y5 SBL-)
46,180	SF	REINFORCED CONCRETE DECK SLAB
85,010.6	SF	GROOVING BRIDGE FLOORS
962.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ********************(419+67.07 -SBL-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
135,040 2,240	LB LB	REINFORCING STEEL (BRIDGE) SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
880.31	LF	54" PRESTRESSED CONCRETE GIR- DERS
1,601.83	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1,162.29 731,100	LF LS	MODIFIED 72" PRESTRESSED CONC GIRDERS APPROX LBS STRUCTURAL
946	LF	STEEL 24" PRESTRESSED CONCRETE PILES
3,780	LF	HP12X53 STEEL PILES
741	LF	HP14X73 STEEL PILES
64	EA	STEEL PILE POINTS
10	EA	PILE REDRIVES
1,437.51	LF SY	CONCRETE BARRIER RAIL 4" SLOPE PROTECTION
3,634 238.1	CY	LATEX MODIFIED CONC OVERLAY
4,228.6	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
599.5	CF	CONCRETE REPAIRS
383.2	CF	SHOTCRETE REPAIRS
276 Lump Sum	LF LS	EPOXY RESIN INJECTION FOAM JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF
Lump Sum	LS	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
404.08	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
1,000	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR
619.38	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
2,745	SF	GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM
4,217.6	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK

,326.6	SY	GENERIC STRUCTURE ITEM INCIDENTAL MILLING
,217.6	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
2	EA	GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57
2	EA	GENERIC STRUCTURE ITEM TEMPORARY WORK PLATFORM

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L150317 003

# FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C203534 38688.3.GVS6BB DIV OFFICE DURHAM LENGTH = 9.412 MI

COUNTY : WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

#### DBE GOAL 13.0% COMPLETION DATE: DEC 28 2019

#### I-85 FROM SR-1237 (MANSON RD) TO THE VIRGINIA STATE LINE.

		ROADWAY ITEMS	248,440	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (5/8")
			1,270	SY	INCIDENTAL MILLING
Lump Sum	LS	MOBILIZATION	24,320	TON	ASPHALT CONC BASE COURSE, TYPE
Lump Sum	LS	CONSTRUCTION SURVEYING	24,320	1011	B25.0B
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	59,530	TON	ASPHALT CONC BASE COURSE, TYPE
3	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	35,220	TON	B25.0C ASPHALT CONC INTERMEDIATE
1	EA	SEALING ABANDONED WELLS			COURSE, TYPE I19.0B
195,300 Lump Sum	CY LS	UNCLASSIFIED EXCAVATION REINFORCED BRIDGE APPROACH	38,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
		FILL, STATION ************************************	34,550	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	35,360		ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,130	CY	(197+71.71 -L-) UNDERCUT EXCAVATION	500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
32,500	CY	BORROW EXCAVATION	6,900	TON	ASPHALT CONC SURFACE COURSE,
3,100	CY	DRAINAGE DITCH EXCAVATION	0,700	1011	TYPE S4.75A
2,330	LF	BERM DITCH CONSTRUCTION	170	TON	ASPHALT CONC SURFACE COURSE,
110,200	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	12,995	TON	TYPE SA-1 ASPHALT BINDER FOR PLANT MIX
41,850	SY	REMOVAL OF EXISTING CONCRETE	30	TON	POLYMER MODIFIED ASPHALT BIN-
		PAVEMENT			DER FOR PLANT MIX
1,100	CY	SELECT GRANULAR MATERIAL	38,360	TON	PERMEABLE ASPHALT DRAINAGE COURSE, TYPE P-78M
92,600	SY	GEOTEXTILE FOR SOIL STABILIZA-	730	TON	ASPHALT PLANT MIX, PAVEMENT
882	SF	TION TEMPORARY SHORING	750	TON	REPAIR
2,000	SY	ROCK PLATING	194,750	LF	MILLED RUMBLE STRIPS (ASPHALT
Lump Sum	LS	GENERIC GRADING ITEM			CONCRETE)
Lump Sum	Lo	SAFETY CLEARING	285,220	SY	*****" PORT CEM CONC PAVEMENT,
1,080	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES			THROUGH LANES (WITH DOWELS) (10")
3,370	SY	FOUNDATION CONDITIONING GEO-	7,015	SY	*****" PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS)
		TEXTILE			(10")
2,776	LF	15" RC PIPE CULVERTS, CLASS	692	SY	*****" PORT CEM CONC PAVEMENT,
2,168	LF	III 18" RC PIPE CULVERTS, CLASS			MISCELLANEOUS (WITHOUT DOWELS) (10")
484	LF	III 24" RC PIPE CULVERTS, CLASS	2,115	TON	GENERIC PAVING ITEM CONCRETE PAVEMENT REPAIR
16	LF	III 30" RC PIPE CULVERTS, CLASS III	2,545	TON	(UNDER TRAFFIC) GENERIC PAVING ITEM
8	LF	III 36" RC PIPE CULVERTS, CLASS III	Lyana Cyan	1.0	CONCRETE PAVEMENT REPAIR (NOT UNDER TRAFFIC)
8	LF	42" RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
16	LF	48" RC PIPE CULVERTS, CLASS	9 571	EA CY	RIGHT OF WAY MARKERS SUBDRAIN EXCAVATION
		III	2,050	SY	GEOTEXTILE FOR SUBSURFACE
2,016	LF	15" RC PIPE CULVERTS, CLASS IV	2,030	51	DRAINS
524	LF	18" RC PIPE CULVERTS, CLASS IV	84	CY	SUBDRAIN FINE AGGREGATE
1,730	LF	15" CS PIPE CULVERTS, 0.064"	344	CY	SUBDRAIN COARSE AGGREGATE
264		THICK	2,550	LF	6" PERFORATED SUBDRAIN PIPE
264	LF	18" CS PIPE CULVERTS, 0.064" THICK	6	EA	SUBDRAIN PIPE OUTLET
96	LF	24" CS PIPE CULVERTS, 0.064"	36	LF	6" OUTLET PIPE
		THICK	98,140	LF	SHOULDER DRAIN
94	EA	**" CS PIPE ELBOWS, *****"	98,140	LF	4" SHOULDER DRAIN PIPE
		THICK	2,740	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
12	EA	(15", 0.064") **" CS PIPE ELBOWS, *****"	210	EA	CONCRETE PAD FOR SHOULDER
12	LA	THICK			DRAIN PIPE OUTLET
		(18", 0.064")	3	EA	TEMPORARY STEEL PLATE COVERS
4	EA	**" CS PIPE ELBOWS, *****"			FOR MASONRY DRAINAGE
		THICK	14.6	CM	STRUCTURE
2,664	LF	(24", 0.064") PIPE REMOVAL	14.6 11.81	CY CY	ENDWALLS PIPE COLLARS
38	EA	PIPE CLEAN-OUT	9	CY	FLOWABLE FILL
Lump Sum	LS	FINE GRADING	188	EA	MASONRY DRAINAGE STRUCTURES
26,000	CY	SHALLOW UNDERCUT	10.7	LF	MASONRY DRAINAGE STRUCTURES
-,	TON	CLASS IV SUBGRADE STABILIZA-	2	EA	FRAME WITH GRATE, STD 840,22
,		TION	63	EA	FRAME WITH TWO GRATES, STD
500	TON	STABILIZER AGGREGATE	0.5		840.20
6,200	TON	AGGREGATE BASE COURSE	194	EA	FRAME WITH TWO GRATES, STD
400	TON	INCIDENTAL STONE BASE		_	840.22
5,740	SY	MILLING ASPHALT PAVEMENT, ***"	36	EA	FRAME WITH COVER, STD 840.54
		DEPTH (1-1/2")	15,010	LF	SHOULDER BERM GUTTER
		(1-1/2)	22	SY	4" CONCRETE PAVED DITCH
			74	EA	ADJUSTMENT OF DROP INLETS

3,360 HR LAW ENFORCEMENT

			3,360	HR	LAW ENFORCEMENT
			24	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE A SIGNS
			6,070	EA	TEMPORARY RAISED PAVEMENT
34	EA	CONVERT EXISTING DROP INLET TO	6,070	EA	MARKERS
		JUNCTION BOX WITH MANHOLE	353	LF	THERMOPLASTIC PAVEMENT MARKING
2	EA	GENERIC DRAINAGE ITEM	333		LINES (24", 120 MILS)
		CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH SLAB LID	26	EA	THERMOPLASTIC PAVEMENT MARKING
128,925	LF	STEEL BM GUARDRAIL			SYMBOL (90 MILS)
87.5	LF	STEEL BM GUARDRAIL, SHOP	237,800	LF	COLD APPLIED PLASTIC PAVEMENT
87.3	LF	CURVED			MARKING LINES, TYPE ** (6")
50	EA	ADDITIONAL GUARDRAIL POSTS			(IV)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE	5,100	LF	COLD APPLIED PLASTIC PAVEMENT
	Lil	AT-1			MARKING LINES, TYPE ** (12") (IV)
59	EA	GUARDRAIL ANCHOR UNITS, TYPE	290	LF	COLD APPLIED PLASTIC PAVEMENT
	2.1	CAT-1	290	LF	MARKING LINES, TYPE ** (24")
59	EA	GUARDRAIL ANCHOR UNITS, TYPE			(IV)
		350	36	EA	COLD APPLIED PLASTIC PAVEMENT
8	EA	GUARDRAIL ANCHOR UNITS, TYPE			MARKING SYMBOL, TYPE **
		B-77			(IV)
416	LF	REMOVE & RESET EXISTING GUARD-	933,081	LF	PAINT PAVEMENT MARKING LINES
		RAIL			(6")
21,600	LF	REMOVE EXISTING GUARDRAIL	18,840	LF	PAINT PAVEMENT MARKING LINES
52,100	LF	REMOVE EXISTING GUIDERAIL			(12")
94,800	LF	TEMPORARY STEEL BM GUARDRAIL	94	EA	PAINT PAVEMENT MARKING SYMBOL
3	EA	TEMPORARY GUARDRAIL ANCHOR	12,938	LF	POLYUREA PAVEMENT MARKING
		UNITS, TYPE ********			LINES (4", *********)
		(CAT-1)	246 272	I F	(HIGHLY REFLECTIVE ELEMENTS)
37	EA	TEMPORARY GUARDRAIL ANCHOR	246,272	LF	POLYUREA PAVEMENT MARKING LINES (6", *********)
2	EA	UNITS, TYPE 350			(HIGHLY REFLECTIVE ELEMENTS)
2 550	EA	CABLE GUIDERAIL ANCHOR UNITS	179	LF	POLYUREA PAVEMENT MARKING
3,550	LF	WOVEN WIRE FENCE, 47" FABRIC			LINES (8", ********)
198	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			(HIGHLY REFLECTIVE ELEMENTS)
105	Е.		6,135	LF	POLYUREA PAVEMENT MARKING
105	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			LINES (12", ********)
154,875	LF	RELAPPING GUARDRAIL			(HIGHLY REFLECTIVE ELEMENTS)
	TON	RIP RAP, CLASS I	81,500	LF	REMOVAL OF PAVEMENT MARKING
75					LINES (6")
1,960	TON	RIP RAP, CLASS II	7,800	LF	REMOVAL OF PAVEMENT MARKING
1,490	TON	RIP RAP, CLASS B			LINES (12")
12,875	SY	GEOTEXTILE FOR DRAINAGE	50	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
43	CY	REINFORCED CONCRETE SIGN FOUN-	225.059	LE	
2	CV	DATIONS  PLAIN CONCRETE SIGN FOUNDA	225,058	LF	CURING COMPOUND REMOVAL, LINES
3	CY	PLAIN CONCRETE SIGN FOUNDA- TIONS	21	EA	CURING COMPOUND REMOVAL, SYM- BOLS & CHARACTERS
24,155	LB	SUPPORTS, BREAKAWAY STEEL BEAM	50,712	LF	GENERIC PAVEMENT MARKING ITEM
9,380	LB	SUPPORTS, SIMPLE STEEL BEAM	50,712	Li	THERMOPLASTIC PROFILED
3,119	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			PAVEMENT MARKING LINES 6"
1,360	LF	SUPPORTS, WOOD	21	EA	PERMANENT RAISED PAVEMENT
1,500	EA	SIGN ERECTION, TYPE D			MARKERS
72	EA	SIGN ERECTION, TYPE E	1,868	EA	SNOWPLOWABLE PAVEMENT MARKERS
36	EA		25,000	LF	TEMPORARY SILT FENCE
34	EA	SIGN ERECTION, TYPE F	8,500	TON	STONE FOR EROSION CONTROL,
34	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)			CLASS A
		(A)	12,000	TON	STONE FOR EROSION CONTROL,
23	EA	SIGN ERECTION, TYPE ***			CLASS B
		(GROUND MOUNTED)	12,000	TON	SEDIMENT CONTROL STONE
		(B)	210	ACR	TEMPORARY MULCHING
37	EA	SIGN ERECTION, MILEMARKERS	12,000	LB	SEED FOR TEMPORARY SEEDING
37	EA	SIGN ERECTION, RELOCATE, TYPE	60.5	TON	FERTILIZER FOR TEMPORARY SEED-
		**** (GROUND MOUNTED)			ING
		(A)	1,065	LF	TEMPORARY SLOPE DRAINS
2	EA	SIGN ERECTION, RELOCATE, TYPE	200	LF	SAFETY FENCE
		**** (GROUND MOUNTED) (B)	33,910	CY	SILT EXCAVATION
12	EA	DISPOSAL OF SUPPORT, STEEL	312,145	SY	MATTING FOR EROSION CONTROL
12	1	BEAM	100	SY	COIR FIBER MAT
2	EA	DISPOSAL OF SUPPORT, WOOD	500	SY	PERMANENT SOIL REINFORCEMENT
30	EA	DISPOSAL OF SIGN SYSTEM, STEEL	# 000		MAT
		BEAM	5,000	LF	1/4" HARDWARE CLOTH
80	EA	DISPOSAL OF SIGN SYSTEM, U-	10	EA	SPECIAL STILLING BASINS
		CHANNEL	30,000	LF	COIR FIBER WATTLE
10	EA	DISPOSAL OF SIGN SYSTEM, WOOD	25,000	LB	POLYACRYLAMIDE (PAM)
20	EA	DISPOSAL OF SIGN, MILEMARKER	4,000	LF	COIR FIBER BAFFLE
4,487	SF	WORK ZONE SIGNS (STATIONARY)	7	EA	**" SKIMMER
904	SF	WORK ZONE SIGNS (PORTABLE)	5	EA	(1-1/2") **" SKIMMER
858	SF	WORK ZONE SIGNS (BARRICADE	5	LA	(2")
		MOUNTED)	1	EA	**" SKIMMER
22	EA	FLASHING ARROW BOARD	1	Lil	(2-1/2"")
24		PORTABLE CHANGEABLE MESSAGE	200	ACR	
24	EA	SIGN	500	ACR	MOWING
126	EA DAY	PORTABLE CHANGEABLE MESSAGE		LB	SEED FOR REPAIR SEEDING
126	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	2,850	LB	SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING
126 1,375	DAY EA	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) DRUMS	2,850 7.25	LB TON	FERTILIZER FOR REPAIR SEEDING
126 1,375 50	DAY EA EA	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) DRUMS CONES	2,850 7.25 4,025	LB TON LB	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING
126 1,375 50 848	DAY EA EA LF	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) DRUMS CONES BARRICADES (TYPE III)	2,850 7.25 4,025 120.75	LB TON LB TON	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
126 1,375 50 848 624	DAY  EA  EA  LF  HR	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) DRUMS CONES BARRICADES (TYPE III) FLAGGER	2,850 7.25 4,025 120.75 1,000	LB TON LB TON MHR	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING SPECIALIZED HAND MOWING
126 1,375 50 848 624 1	DAY  EA EA LF HR EA	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) DRUMS CONES BARRICADES (TYPE III) FLAGGER TEMPORARY CRASH CUSHIONS	2,850 7.25 4,025 120.75	LB TON LB TON	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
126 1,375 50 848 624	DAY  EA  EA  LF  HR	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) DRUMS CONES BARRICADES (TYPE III) FLAGGER	2,850 7.25 4,025 120.75 1,000	LB TON LB TON MHR	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING SPECIALIZED HAND MOWING

36,887 LF PORTABLE CONCRETE BARRIER
72,345 LF RESET PORTABLE CONCRETE BARRIER
RIER

#### CULVERT ITEMS

Lump Sum LS GENERIC CULVERT ITEM CULVERT MODIFICATION

#### STRUCTURE ITEMS

57.2	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ************
Lump Sum	LS	(197+54.33 -L- SBL) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	(197+54.33 -L- NBL) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
113	LF	(197+54.33 -L- SBL) 3'-6" DIA DRILLED PIERS IN SOIL
116	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
2 4	EA EA	SID INSPECTIONS CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ************************************
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (197+54.33 -L- SBL)
16,568	SF	REINFORCED CONCRETE DECK SLAB
38,019	SF	GROOVING BRIDGE FLOORS
497.3 Lump Sum	CY LS	CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(197+54.33 -L- NBL) BRIDGE APPROACH SLABS, STATION ************************************
		(197+54.33 -L- SBL)
76,227	LB	REINFORCING STEEL (BRIDGE)
9,977	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,784.8	LF	45" PRESTRESSED CONCRETE GIR- DERS
1,898	LF	HP12X53 STEEL PILES
818.1 1,451	LF SY	CONCRETE BARRIER RAIL 4" SLOPE PROTECTION
145.8	CY	LATEX MODIFIED CONC OVERLAY
2,301.1	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
Lump Sum	LS	ELASTOMERIC BEARINGS
93.4 109.9	CF CF	CONCRETE REPAIRS SHOTCRETE REPAIRS
315	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #2
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
1,000	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR
290.7	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
2,258	SF	GENERIC STRUCTURE ITEM EPOXY COATING
1,562.7	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
693.4	SY	GENERIC STRUCTURE ITEM INCIDENTAL MILLING
2,301.1	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
2	EA	GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2
2	EA	GENERIC STRUCTURE ITEM TEMPORARY WORK PLATFORM

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L150317 004

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

CONTRACT ID: C203646 38688.3.GVS6BA DIV OFFICE DURHAM LENGTH = 20.602 MI

COUNTY: WARREN, VANCE

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

#### DBE GOAL 13.0% COMPLETION DATE: DEC 28 2020

#### I-85 FROM NORTH OF SR-1162 (DABNEY DR) IN VANCE COUNTY TO VIRGINIA STATE LINE.

		ROADWAY ITEMS	50	EA	**" CS PIPE ELBOWS, *****" THICK (18", 0.064")
			8	EA	**" CS PIPE ELBOWS, *****"
Lump Sum	LS	MOBILIZATION			THICK
Lump Sum	LS	CONSTRUCTION SURVEYING			(24", 0.064")
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	269	LF	GENERIC PIPE ITEM
6	ACR	SUPPLEMENTARY CLEARING & GRUB-	c 492	LE	60" CURED-IN-PLACE PIPE
3	EA	BING SEALING ABANDONED WELLS	6,483	LF	PIPE CLEAN OUT
556,600	CY	UNCLASSIFIED EXCAVATION	74 530	EA SY	PIPE CLEAN-OUT 6" SLOPE PROTECTION
Lump Sum	LS	REINFORCED BRIDGE APPROACH	Lump Sum	LS	FINE GRADING
Lump Sum	Lo	FILL, STATION ************	68,000	CY	SHALLOW UNDERCUT
		(177+61.31 -NBL-)	134,000	TON	CLASS IV SUBGRADE STABILIZA-
Lump Sum	LS	REINFORCED BRIDGE APPROACH	13 1,000	1011	TION
		FILL, STATION ************************************	1,000	TON	STABILIZER AGGREGATE
Lump Sum	LS	REINFORCED BRIDGE APPROACH	6,619	TON	AGGREGATE BASE COURSE
Zump bum	20	FILL, STATION ********	800	TON	INCIDENTAL STONE BASE
		(197+71.71 -L-)	5,740	SY	MILLING ASPHALT PAVEMENT, ***"
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			DEPTH (1-1/2")
		(21+34.80 -Y5 SBL-)	5,060	SY	MILLING ASPHALT PAVEMENT, ***"
Lump Sum	LS	REINFORCED BRIDGE APPROACH	-,		DEPTH
Zump bum	20	FILL, STATION ********			(3")
		(22+06.96 -Y1-)	507,460	SY	MILLING ASPHALT PAVEMENT, ***"
Lump Sum	LS	REINFORCED BRIDGE APPROACH			DEPTH (5/8")
		FILL, STATION ************************************	1,270	SY	INCIDENTAL MILLING
Lump Sum	LS	REINFORCED BRIDGE APPROACH	58,320	TON	ASPHALT CONC BASE COURSE, TYPE
Zump bum	20	FILL, STATION ********			B25.0B
		(421+29.07 -NBL-)	140,730	TON	ASPHALT CONC BASE COURSE, TYPE
9,730	CY	UNDERCUT EXCAVATION			B25.0C
72,000	CY	BORROW EXCAVATION	94,720	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
7,510	CY	DRAINAGE DITCH EXCAVATION	91,100	TON	ASPHALT CONC INTERMEDIATE
5,620	LF	BERM DITCH CONSTRUCTION REMOVAL OF EXISTING ASPHALT	71,100	1011	COURSE, TYPE I19.0C
257,900	SY	PAVEMENT	86,550	TON	ASPHALT CONC SURFACE COURSE,
139,550	SY	REMOVAL OF EXISTING CONCRETE			TYPE S9.5B
		PAVEMENT	95,660	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,980	SY	BREAKING OF EXISTING ASPHALT	500	TON	ASPHALT CONC SURFACE COURSE,
40.00		PAVEMENT	300	ION	TYPE S9.5D
13,960	SY	BREAKING OF EXISTING CONCRETE PAVEMENT	9,850	TON	ASPHALT CONC SURFACE COURSE,
2,200	CY	SELECT GRANULAR MATERIAL			TYPE S4.75A
223,100	SY	GEOTEXTILE FOR SOIL STABILIZA-	370	TON	ASPHALT CONC SURFACE COURSE,
		TION	31,480	TON	TYPE SA-1 ASPHALT BINDER FOR PLANT MIX
2,863	SF	TEMPORARY SHORING	31,480	TON	POLYMER MODIFIED ASPHALT BIN-
6,220	SY	ROCK PLATING	30	1011	DER FOR PLANT MIX
Lump Sum	LS	GENERIC GRADING ITEM SAFETY CLEARING	75,860	TON	PERMEABLE ASPHALT DRAINAGE
3,310	TON	FOUNDATION CONDITIONING MATE-			COURSE, TYPE P-78M
5,510	1011	RIAL, MINOR STRUCTURES	2,730	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
10,390	SY	FOUNDATION CONDITIONING GEO-	434,750	LF	MILLED RUMBLE STRIPS (ASPHALT
		TEXTILE	434,730	LI.	CONCRETE)
14,476	LF	15" RC PIPE CULVERTS, CLASS	622,220	SY	*****" PORT CEM CONC PAVEMENT,
4,772	LF	III 18" RC PIPE CULVERTS, CLASS			THROUGH LANES (WITH DOWELS)
4,772	LI.	III	20.215	037	(10")
1,162	LF	24" RC PIPE CULVERTS, CLASS	28,215	SY	*****" PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS)
		III			(10")
476	LF	30" RC PIPE CULVERTS, CLASS	11,442	SY	*****" PORT CEM CONC PAVEMENT,
100	LF	III 36" RC PIPE CULVERTS, CLASS			MISCELLANEOUS (WITHOUT DOWELS)
188	LF	III	2 905	TON	(10") GENERIC PAVING ITEM
8	LF	42" RC PIPE CULVERTS, CLASS	2,893	ION	CONCRETE PAVEMENT REPAIR
		III			(UNDER TRAFFIC)
24	LF	48" RC PIPE CULVERTS, CLASS	4,365	TON	GENERIC PAVING ITEM
2.076		III			CONCRETE PAVEMENT REPAIR (NOT UNDER TRAFFIC)
2,076	LF LF	15" RC PIPE CULVERTS, CLASS IV 18" RC PIPE CULVERTS, CLASS IV	90	SY	GENERIC PAVING ITEM
524 6,328	LF	15" CS PIPE CULVERTS, CLASS IV	70	51	MEDIAN CROSSOVER
0,328	LI.	THICK	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT
988	LF	18" CS PIPE CULVERTS, 0.064"	_		CEM CONC PAVEMENT
		THICK	13	EA	RIGHT OF WAY MARKERS
116	LF	24" CS PIPE CULVERTS, 0.064"	1,243	CY	SUBDRAIN EXCAVATION
272	г.	THICK	4,550	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
272	EA	**" CS PIPE ELBOWS, *****" THICK	168	CY	SUBDRAIN FINE AGGREGATE
		(15", 0.064")	764	CY	SUBDRAIN COARSE AGGREGATE
			5,550	LF	6" PERFORATED SUBDRAIN PIPE

			1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ************************************
12	EA	SUBDRAIN PIPE OUTLET	8	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ********
72 212,440	LF LF	6" OUTLET PIPE SHOULDER DRAIN	2	EA	(CAT-1) TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE **********
212,440 8,140	LF LF	4" SHOULDER DRAIN PIPE 4" OUTLET PIPE FOR SHOULDER DRAINS	149	EA	(III) TEMPORARY GUARDRAIL ANCHOR
375	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	2,430	LF	UNITS, TYPE 350 DOUBLE FACED CABLE GUIDERAIL
51	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE	5 5	EA EA	ADDITIONAL GUIDERAIL POSTS CABLE GUIDERAIL ANCHOR UNITS
14.6	CY	STRUCTURE ENDWALLS	4,870 279	LF EA	WOVEN WIRE FENCE, 47" FABRIC 4" TIMBER FENCE POSTS, 7'-6"
50.11 41	CY CY	PIPE COLLARS FLOWABLE FILL	130	EA	LONG 5" TIMBER FENCE POSTS, 8'-0"
521	EA	MASONRY DRAINAGE STRUCTURES	378	LF	LONG
138.7 7	LF EA	MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22	32	EA	CHAIN LINK FENCE, 48" FABRIC METAL LINE POSTS FOR 48" CHAIN
197	EA	FRAME WITH TWO GRATES, STD 840.20	2	EA	LINK FENCE METAL TERMINAL POSTS FOR 48"
445	EA	FRAME WITH TWO GRATES, STD 840.22	350	LF	CHAIN LINK FENCE GENERIC FENCING ITEM
1	EA	FRAME WITH TWO GRATES, STD 840.24	327,957	LF	VINYL COATED GLARE SCREEN (GR MOUNTED) RELAPPING GUARDRAIL
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	715	TON	RIP RAP, CLASS I
		(E)	2,475	TON	RIP RAP, CLASS II
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	4,415	TON	RIP RAP, CLASS B
		(F)	28,085 118	SY CY	GEOTEXTILE FOR DRAINAGE REINFORCED CONCRETE SIGN FOUN-
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	14	CY	DATIONS PLAIN CONCRETE SIGN FOUNDA-
110	EA	FRAME WITH COVER, STD 840.54	231	CY	TIONS OVERHEAD FOOTING
3,270	LF	2'-6" CONCRETE CURB & GUTTER	61,505	LB	SUPPORTS, BREAKAWAY STEEL BEAM
36,110	LF	SHOULDER BERM GUTTER	35,190	LB	SUPPORTS, SIMPLE STEEL BEAM
660	SY EA	4" CONCRETE SIDEWALK CONCRETE CURB RAMP	12,288	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
11 262	SY	4" CONCRETE PAVED DITCH	1,497	LF	SUPPORTS, WOOD
580	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (114+50 -NBL-)
711	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ******
950 188	LF EA	GENERIC PAVING ITEM SPECIAL SHOULDER BERM GUTTER ADJUSTMENT OF DROP INLETS	Lump Sum	LS	(142+50 -SBL-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
5	EA	ADJUSTMENT OF MANHOLES			(166+50 -NBL-)
14	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
10	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	Lump Sum	LS	(196+00 -SBL-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
27 34	EA EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX CONVERT EXISTING DROP INLET TO	Lump Sum	LS	(276+50 -SBL-) SUPPORTS, OVERHEAD SIGN STRUC-
2	EA	JUNCTION BOX WITH MANHOLE GENERIC DRAINAGE ITEM		1.0	TURE AT STA ****** (31+00 -Y5 SBL-)
204.125		CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH SLAB LID	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (318+00 -NBL-)
294,125 237.5	LF LF	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ******
350	LF	STEEL BM GUARDRAIL, DOUBLE FACED	Lump Sum	LS	(358+50 -SBL-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
100 24	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	(39+50 -Y5 NBL-) SUPPORTS, OVERHEAD SIGN STRUC-
1	EA	***************** (III MODIFIED) CHARDRAH ANCHOR UNITS TYPE			TURE AT STA ****** (434+50 -SBL-)
1 132	EA EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1 GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (73+50 -SBL-)
4	EA	CAT-1 GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
169	EA	III GUARDRAIL ANCHOR UNITS, TYPE	71	EA	(US-1 NBL) SIGN ERECTION, TYPE D
4	EA	350 GUARDRAIL ANCHOR UNITS, TYPE	263 158	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
42	EA	M-350 GUARDRAIL ANCHOR UNITS, TYPE B-77	84	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
5,153	LF	B-// REMOVE & RESET EXISTING GUARD- RAIL	56	EA	(A) SIGN ERECTION, TYPE *** (GROUND MOUNTED)
76,070	LF	REMOVE EXISTING GUARDRAIL			(B)
142,600	LF	REMOVE EXISTING GUIDERAIL	117	EA	SIGN ERECTION, MILEMARKERS
159,450	LF	TEMPORARY STEEL BM GUARDRAIL	2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
137.5 325	LF LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED) TEMPORARY STEEL BM GUARDRAIL,	63	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
2	EA	DOUBLE FACED TEMPORARY GUARDRAIL ANCHOR	13	EA	(A) SIGN ERECTION, RELOCATE, TYPE
		UNITS, TYPE ************************************			**** (GROUND MOUNTED) (B)

			238	LF	PAINT PAVEMENT MARKING LINES
			238		(24")
			16	EA	PAINT PAVEMENT MARKING CHARAC- TER
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	150	EA	PAINT PAVEMENT MARKING SYMBOL
		(D)	41,036	LF	POLYUREA PAVEMENT MARKING LINES (4", *********)
10	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)			(HIGHLY REFLECTIVE ELEMENTS)
		(E)	565,523	LF	POLYUREA PAVEMENT MARKING LINES (6", *********)
81	EA	DISPOSAL OF SUPPORT, STEEL BEAM			(HIGHLY REFLECTIVE ELEMENTS)
2	EA	DISPOSAL OF SUPPORT, WOOD	976	LF	POLYUREA PAVEMENT MARKING LINES (8", *********)
6	EA	DISPOSAL OF SIGN SYSTEM, OVER-			(HIGHLY REFLECTIVE ELEMENTS)
140	EA	HEAD DISPOSAL OF SIGN SYSTEM, STEEL	22,603	LF	POLYUREA PAVEMENT MARKING LINES (12", ********)
***		BEAM			(HIGHLY REFLECTIVE ELEMENTS)
230	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	4,954	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
20	EA	DISPOSAL OF SIGN SYSTEM, WOOD	373,700	LF	REMOVAL OF PAVEMENT MARKING
3 4	EA EA	DISPOSAL OF SUPPORT, U-CHANNEL DISPOSAL OF SIGN, D, E OR F	257	LF	LINES (6") REMOVAL OF PAVEMENT MARKING
66	EA	DISPOSAL OF SIGN, MILEMARKER	231	LI	LINES (8")
13,332	SF	WORK ZONE SIGNS (STATIONARY)	15,000	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
4,456 1,728	SF SF	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE	42	LF	REMOVAL OF PAVEMENT MARKING
1,726	эг	MOUNTED)			LINES (24")
34	EA	FLASHING ARROW BOARD	74	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
43	EA	PORTABLE CHANGEABLE MESSAGE SIGN	506,814	LF	CURING COMPOUND REMOVAL, LINES
126	DAY	PORTABLE CHANGEABLE MESSAGE	85	EA	CURING COMPOUND REMOVAL, SYM- BOLS & CHARACTERS
2,698	EA	SIGN (SHORT TERM) DRUMS	79,441	LF	GENERIC PAVEMENT MARKING ITEM
97	EA	CONES			THERMOPLASTIC PROFILED PAVEMENT MARKING LINES 6"
1,384	LF	BARRICADES (TYPE III)	92	EA	PERMANENT RAISED PAVEMENT
2,144	HR EA	FLAGGER TEMPORARY CRASH CUSHIONS	5.047	ЕА	MARKERS
3	EA	RESET TEMPORARY CRASH CUSHION	5,047 70,000	EA LF	SNOWPLOWABLE PAVEMENT MARKERS TEMPORARY SILT FENCE
34	EA	TMA	18,500	TON	STONE FOR EROSION CONTROL,
69,291 262	LF LF	PORTABLE CONCRETE BARRIER PORTABLE CONCRETE BARRIER	27,000	TON	CLASS A STONE FOR EROSION CONTROL,
202	Li	(ANCHORED)	27,000	1011	CLASS B
165,272	LF	RESET PORTABLE CONCRETE BAR- RIER	27,000	TON	SEDIMENT CONTROL STONE
258	LF	RESET PORTABLE CONCRETE BAR-	610 35,600	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
226	LE	RIER (ANCHORED)	178.5	TON	FERTILIZER FOR TEMPORARY SEED-
226 10,784	LF HR	WATER FILLED BARRIER LAW ENFORCEMENT	6,065	LF	ING TEMPORARY SLOPE DRAINS
47	EA	SKINNY DRUM	400	LF	SAFETY FENCE
33	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE A SIGNS	113,111	CY	SILT EXCAVATION
2	EA	GENERIC TRAFFIC CONTROL ITEM	612,145 830	SY SY	MATTING FOR EROSION CONTROL COIR FIBER MAT
25	EA	COVERING OF TYPE B SIGNS GENERIC TRAFFIC CONTROL ITEM	3,250	SY	PERMANENT SOIL REINFORCEMENT
23	LA	COVERING OF TYPE D SIGNS	15,000	LF	MAT 1/4" HARDWARE CLOTH
1	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE E SIGNS	80	LF	**" TEMPORARY PIPE
20,810	EA	TEMPORARY RAISED PAVEMENT	22	Е.	(18")
105	LF	MARKERS THERMOPLASTIC PAVEMENT MARKING	32 32,950	EA LF	SPECIAL STILLING BASINS COIR FIBER WATTLE
103	LF	LINES (8", 90 MILS)	4,600	LF	WATTLE BARRIER
207	LF	THERMOPLASTIC PAVEMENT MARKING	29,000	LB	POLYACRYLAMIDE (PAM)
1,101	LF	LINES (8", 120 MILS) THERMOPLASTIC PAVEMENT MARKING	12,000 58	LF EA	COIR FIBER BAFFLE  **" SKIMMER
		LINES (24", 120 MILS)	_		(1-1/2")
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	8	EA	**" SKIMMER (2")
143	EA	THERMOPLASTIC PAVEMENT MARKING	1	EA	**" SKIMMER
4,110	LF	SYMBOL (90 MILS) COLD APPLIED PLASTIC PAVEMENT	500	ACR	(2-1/2"") SEEDING & MULCHING
		MARKING LINES, TYPE ** (4")	1,100		MOWING
276,290	LF	(IV) COLD APPLIED PLASTIC PAVEMENT	8,200	LB	SEED FOR REPAIR SEEDING
		MARKING LINES, TYPE ** (6")	21 11,600	TON LB	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING
152	LF	(IV) COLD APPLIED PLASTIC PAVEMENT	347.75	TON	FERTILIZER TOPDRESSING
		MARKING LINES, TYPE ** (8")	300	LF	IMPERVIOUS DIKE
14,700	LF	(II) COLD APPLIED PLASTIC PAVEMENT	2,000 250	MHK EA	SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL
		MARKING LINES, TYPE ** (12") (IV)	4	EA	PEDESTRIAN SIGNAL HEAD (16", 1
290	LF	COLD APPLIED PLASTIC PAVEMENT	1,550	LF	SECTION W/COUNTDOWN) SIGNAL CABLE
		MARKING LINES, TYPE ** (24")	3	EA	VEHICLE SIGNAL HEAD (12", 3
36	EA	(IV) COLD APPLIED PLASTIC PAVEMENT			SECTION)
		MARKING SYMBOL, TYPE **	1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
14,249	LF	(IV) PAINT PAVEMENT MARKING LINES	610	LF	UNPAVED TRENCHING (*******)
		(4")	1,975	LF	(1, 2") UNPAVED TRENCHING FOR TEMP-
3,050,059	LF	PAINT PAVEMENT MARKING LINES (6")			ORARY LEAD-IN
1,010	LF	PAINT PAVEMENT MARKING LINES	50	LF	DIRECTIONAL DRILL (********) (1, 2")
33,416	LF	(8") PAINT PAVEMENT MARKING LINES	9	EA	JUNCTION BOX (STANDARD SIZE)
55,710		(12")	3	EA	1/2" RISER WITH WEATHERHEAD
			1	EA	1" RISER WITH WEATHERHEAD

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			62,748	SF	REINFORCED CONCRETE DECK SLAB
			123,029.6	SF	GROOVING BRIDGE FLOORS
			1,459.7	CY	CLASS A CONCRETE (BRIDGE)
4	EA	2" RISER WITH WEATHERHEAD	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
1,990 6,200	LF LF	INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (***********)			(177+61.31 -NBL-)
0,200	LI.	(14-2)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
10	EA	SIGN FOR SIGNALS			(197+54.33 -L- NBL)
3	EA	TYPE I POST WITH FOUNDATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
2	EA	TYPE II PEDESTAL WITH FOUND- ATION			**************************************
1	EA	SIGNAL CABINET FOUNDATION	Lump Sum	LS	(197+54.33 -L- SBL) BRIDGE APPROACH SLABS, STATION
1	EA	CONTROLLER WITH CABINET (TYPE	Eurip Sum	Lo	******
		2070L, BASE MOUNTED)			(21+34.80 - Y5 SBL-)
5	EA	DETECTOR CARD (TYPE 2070L)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
1	EA	CABINET BASE EXTENDER			(22+06.96 - Y1-)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		CVV VIDE TO VE			(419+67.07 -SBL-)
		CULVERT ITEMS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
					**************************************
8.9	CY	CLASS A CONCRETE (CULVERT)	211,267	LB	(421+29.07 -NBL-) REINFORCING STEEL (BRIDGE)
1,003	LB	REINFORCING STEEL (CULVERT)	12,217	LB	SPIRAL COLUMN REINFORCING
174	SF	SHEET PILE RETAINING WALLS			STEEL (BRIDGE)
136.4	CF	SHOTCRETE REPAIRS	1,784.8	LF	45" PRESTRESSED CONCRETE GIR-
42.5	LF	EPOXY RESIN INJECTION	880.31	LF	DERS 54" PRESTRESSED CONCRETE GIR-
Lump Sum	LS	GENERIC CULVERT ITEM CULVERT MODIFICATION	660.31	LI	DERS
52	LF	GENERIC CULVERT ITEM	1,601.83	LF	MODIFIED 63" PRESTRESSED CONC
		JOINT SEALER WRAP			GIRDERS
459	SF	GENERIC CULVERT ITEM EPOXY COATING	1,162.29	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
		EPOX I COATING	731,100	LS	APPROX LBS STRUCTURAL
					STEEL
		NAME OF THE PARTY	946	LF	24" PRESTRESSED CONCRETE PILES
		WALL ITEMS	5,678	LF	HP12X53 STEEL PILES
			741 64	LF EA	HP14X73 STEEL PILES STEEL PILE POINTS
550	SF	MSE RETAINING WALL NO ****	10	EA	PILE REDRIVES
		(1)	2,255.61	LF	CONCRETE BARRIER RAIL
			5,085	SY	4" SLOPE PROTECTION
			383.9	CY	LATEX MODIFIED CONC OVERLAY
		STRUCTURE ITEMS	6,529.7	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
			Lump Sum	LS	DISC BEARINGS
			Lump Sum	LS	ELASTOMERIC BEARINGS
93	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	692.9	CF	CONCRETE REPAIRS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &	493.1	CF	SHOTCRETE REPAIRS
1		REMOVAL OF TEMP STRUCTURE AT	591	LF	EPOXY RESIN INJECTION
		STA ************************************	Lump Sum	LS LS	FOAM JOINT SEALS EXPANSION JOINT SEALS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE	Lump Sum Lump Sum	LS	GENERIC STRUCTURE ITEM
1		AT STATION ********	Eurip Sum	Lo	CLEANING & REPAINTING OF
Lump Cum	LS	(177+61.31 -NBL-) REMOVAL OF EXISTING STRUCTURE			BRIDGE #2
Lump Sum	Lo	AT STATION *********	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF
Lump Sum		(197+54.33 -L- NBL)			BRIDGE #57
	LS	REMOVAL OF EXISTING STRUCTURE	Lump Sum	LS	BRIDGE #57 GENERIC STRUCTURE ITEM
	LS		Lump Sum	LS	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR
Lump Sum	LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum Lump Sum	LS LS	BRIDGE #57 GENERIC STRUCTURE ITEM
Lump Sum		REMOVAL OF EXISTING STRUCTURE AT STATION ************************************			BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR
•	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum	LS	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57
Lump Sum		REMOVAL OF EXISTING STRUCTURE AT STATION ************************************			BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR
Lump Sum	LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum	LS	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM
•	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum Lump Sum 404.08	LS LS LF	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
Lump Sum	LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum	LS LS	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM
Lump Sum	LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum Lump Sum 404.08	LS LS LF	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
Lump Sum	LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum Lump Sum 404.08 2,000 910.08	LS LF LB	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
Lump Sum	LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  Lump Sum  404.08  2,000	LS LS LF LB	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM
Lump Sum Lump Sum Lump Sum	LS LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum Lump Sum 404.08 2,000 910.08	LS LF LB	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
Lump Sum Lump Sum Lump Sum Lump Sum	LS LS LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  Lump Sum  404.08  2,000  910.08  5,003	LS LS LF LB SF	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE
Lump Sum Lump Sum Lump Sum	LS LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  Lump Sum  404.08  2,000  910.08  5,003  5,780.3	LS LS LF LB SF SF	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
Lump Sum Lump Sum Lump Sum Lump Sum	LS LS LS LS LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  Lump Sum  404.08  2,000  910.08  5,003	LS LS LF LB SF	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113	LS LS LS LS LS LS LF LF LF LF	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  Lump Sum  404.08  2,000  910.08  5,003  5,780.3	LS LS LF LB SF SF	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
Lump Sum Lump Sum Lump Sum Lump Sum 252 48	LS LS LS LS LS LF LF	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08  2,000  910.08  5,003  5,780.3  2,020  6,518.7	LS LF LB SF SF SY	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113	LS LS LS LS LS LS LF LF LF LF	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum 404.08 2,000 910.08 5,003 5,780.3	LS LF LB SF SF SY	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURE ITEM STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113	LS LS LS LS LS LF LF LF LF	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08  2,000  910.08  5,003  5,780.3  2,020  6,518.7	LS LF LB SF SF SY	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113 116 2 2 4	LS LS LS LS LF LF LF EA EA EA	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08 2,000 910.08 5,003 5,780.3 2,020 6,518.7	LS LF LB SF SF SY SY EA EA	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2 GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113 116 2 2	LS LS LS LS LF LF LF LF EA EA	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum 404.08 2,000 910.08 5,003 5,780.3 2,020 6,518.7	LS LF LB SF SF SY SY	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURE ITEM STRUCTURE ITEM GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2 GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57 GENERIC STRUCTURE ITEM
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113 116 2 2 4	LS LS LS LS LF LF LF EA EA EA	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08 2,000 910.08 5,003 5,780.3 2,020 6,518.7	LS LF LB SF SF SY SY EA EA	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM EPOXY COATING GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2 GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113 116 2 2 4	LS LS LS LS LF LF LF EA EA EA	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08 2,000 910.08 5,003 5,780.3 2,020 6,518.7	LS LF LB SF SF SY SY EA EA	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURE ITEM STRUCTURE ITEM GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2 GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57 GENERIC STRUCTURE ITEM
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113 116 2 2 4 Lump Sum	LS LS LS LS LF LF LF LF EA EA LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08 2,000 910.08 5,003 5,780.3 2,020 6,518.7	LS LF LB SF SF SY SY EA EA	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURE ITEM STRUCTURE ITEM GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2 GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57 GENERIC STRUCTURE ITEM
Lump Sum Lump Sum Lump Sum Lump Sum 2552 48 113 116 2 2 4 Lump Sum Lump Sum	LS LS LS LS LF LF LF LF EA EA LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08 2,000 910.08 5,003 5,780.3 2,020 6,518.7	LS LF LB SF SF SY SY EA EA	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURE ITEM STRUCTURE ITEM GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2 GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57 GENERIC STRUCTURE ITEM
Lump Sum Lump Sum Lump Sum Lump Sum 252 48 113 116 2 2 4 Lump Sum	LS LS LS LS LF LF LF EA EA LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08 2,000 910.08 5,003 5,780.3 2,020 6,518.7	LS LF LB SF SF SY SY EA EA	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURE ITEM STRUCTURE ITEM GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2 GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57 GENERIC STRUCTURE ITEM
Lump Sum Lump Sum Lump Sum Lump Sum 2552 48 113 116 2 2 4 Lump Sum Lump Sum	LS LS LS LS LF LF LF EA EA LS LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	Lump Sum  404.08 2,000 910.08 5,003 5,780.3 2,020 6,518.7	LS LF LB SF SF SY SY EA EA	BRIDGE #57 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2 GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57 GENERIC STRUCTURE ITEM POLLUTION CONTROL GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM STRUCTURE ITEM STRUCTURE ITEM GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK GENERIC STRUCTURE ITEM INCIDENTAL MILLING GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2 GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57 GENERIC STRUCTURE ITEM

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L150317 005

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

CONTRACT ID: C203549 47031.3.FS1 DIV OFFICE FAYETTEVILLE LENGTH = 6.120 MI

COUNTY : ROBESON

MILLING, RESURFACING & BRIDGE REHABILITATION.

1 EA COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE \*\*
(II)

#### DBE GOAL 9.0% COMPLETION DATE: MAY 01 2016

#### I-95 FROM MM-16 TO MM-22.

		ROADWAY ITEMS	300,000	LF	PAINT PAVEMENT MARKING LINES (6")
			15,000	LF	PAINT PAVEMENT MARKING LINES (12")
Lump Sum	LS	MOBILIZATION	67	EA	PERMANENT RAISED PAVEMENT
310	CY	BORROW EXCAVATION	07	Lil	MARKERS
14	SMI	SHOULDER RECONSTRUCTION	1,431	EA	SNOWPLOWABLE PAVEMENT MARKERS
18,930	SY	MILLING ASPHALT PAVEMENT, ***"	Lump Sum	LS	PORTABLE LIGHTING
		DEPTH	2,000	LF	
		(1/2")			TEMPORARY SILT FENCE
4,770	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH	350	TON	STONE FOR EROSION CONTROL, CLASS B
		(1-1/2")	350	TON	SEDIMENT CONTROL STONE
5,810	SY	MILLING ASPHALT PAVEMENT, ***"	10	ACR	TEMPORARY MULCHING
		DEPTH	700	LF	1/4" HARDWARE CLOTH
		(4")	500	LF	WATTLE
1,250	SY	MILLING ASPHALT PAVEMENT, ***" TO ******"	10	ACR	SEEDING & MULCHING
		(0" TO 1")	700	LB	SEED FOR REPAIR SEEDING
112,100	SY	MILLING ASPHALT PAVEMENT, ***"	3.5	TON	FERTILIZER FOR REPAIR SEEDING
112,100	31	TO ******"			
		(0" TO 1-1/2")			
1,300	SY	MILLING ASPHALT PAVEMENT, ***"			CEDICEUDE PELIC
-,		TO *****"			STRUCTURE ITEMS
		(0" TO 1-1/8")			
1,300	SY	INCIDENTAL MILLING			
1,330	TON	ASPHALT CONC INTERMEDIATE	20,446	SF	GROOVING BRIDGE FLOORS
		COURSE, TYPE I19.0C	Lump Sum	LS	POLLUTION CONTROL
15,620	TON	ASPHALT CONC SURFACE COURSE,	25.8	SY	CLASS II, SURFACE PREPARATION
		TYPE S9.5C	Lump Sum	LS	FOAM JOINT SEALS
18,450	TON	ASPHALT CONC SURFACE COURSE,	Lump Sum	LS	GENERIC STRUCTURE ITEM
		TYPE S9.5D	•		CLEANING & REPAINTING OF
480	TON	ASPHALT CONC SURFACE COURSE,			BRIDGE #144
		TYPE SA-1	Lump Sum	LS	GENERIC STRUCTURE ITEM
1,019	TON	ASPHALT BINDER FOR PLANT MIX			CLEANING & REPAINTING OF
1,052	TON	POLYMER MODIFIED ASPHALT BIN-			BRIDGE #145
		DER FOR PLANT MIX	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF
127,000	LF	MILLED RUMBLE STRIPS (ASPHALT			BRIDGE #146
40 <b>2</b> 00		CONCRETE)	Lump Sum	LS	GENERIC STRUCTURE ITEM
69,700	LF	WOVEN WIRE FENCE, 47" FABRIC	Lump Sum	Lo	PAINTING CONTAINMENT FOR
4,470	EA	4" TIMBER FENCE POSTS, 7'-6"			BRIDGE #144
0.40	Е.	LONG	Lump Sum	LS	GENERIC STRUCTURE ITEM
940	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	•		PAINTING CONTAINMENT FOR
1,800	LF	CHAIN LINK FENCE, 48" FABRIC			BRIDGE #145
150	EA	METAL LINE POSTS FOR 48" CHAIN	Lump Sum	LS	GENERIC STRUCTURE ITEM
150	LA	LINK FENCE			PAINTING CONTAINMENT FOR BRIDGE #146
10	EA	METAL TERMINAL POSTS FOR 48"	160	CY	GENERIC STRUCTURE ITEM
		CHAIN LINK FENCE	100	CI	LATEX MODIFIED CONCRETE - VERY
250	LF	ADDITIONAL BARBED WIRE			EARLY STRENGTH
360	SF	WORK ZONE SIGNS (STATIONARY)	398	SF	GENERIC STRUCTURE ITEM
325	SF	WORK ZONE SIGNS (PORTABLE)			BRIDGE JOINT DEMOLITION
122	SF	WORK ZONE SIGNS (BARRICADE	28,600	SF	GENERIC STRUCTURE ITEM
		MOUNTED)			EPOXY OVERLAY SYSTEM
2	EA	FLASHING ARROW BOARD	2,565	SY	GENERIC STRUCTURE ITEM
4	EA	PORTABLE CHANGEABLE MESSAGE			HYDRO-DEMOLITION OF BRIDGE
		SIGN			DECK
24	DAY	PORTABLE CHANGEABLE MESSAGE	2,565	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD-
		SIGN (SHORT TERM)			IFIED CONC OVERLAY-VERY EARLY
400	EA	DRUMS			STRENGTH
144	LF	BARRICADES (TYPE III)	2,565	SY	GENERIC STRUCTURE ITEM
2	EA	TMA	_,,,,,,		SCARIFYING BRIDGE DECK
300	HR	LAW ENFORCEMENT			
800	EA	TEMPORARY RAISED PAVEMENT			
		MARKERS			
120,146	LF	THERMOPLASTIC PAVEMENT MARKING			
		LINES (6", 90 MILS)			
18,354	LF	THERMOPLASTIC PAVEMENT MARKING			
		LINES (6", 120 MILS)			
5,412	LF	THERMOPLASTIC PAVEMENT MARKING			
252		LINES (12", 90 MILS)			
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)			
32	EA	THERMOPLASTIC PAVEMENT MARKING			
32	LA	SYMBOL (90 MILS)			
2,853	LF	COLD APPLIED PLASTIC PAVEMENT			
_,000		MARKING LINES, TYPE ** (6")			
		(II)			

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L150317 006

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

CONTRACT ID: C203561 46139.3.FS1 DIV OFFICE WINSTON-SALEM LENGTH = 0.261 MI

COUNTY : ROWAN

GRADING, DRAINAGE, AND PAVING.

#### DBE GOAL 8.0% COMPLETION DATE: DEC 12 2016

# ${\it US-52~AT~INTERSECTION~WITH~SR-2342~(GOLD~KNOB~RD),~SR-2319~(CRESCENT~RD),~AND~SR-2382~(ANTHONY~RD). } \\$

		ROADWAI ITEMS
Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
250	CY	UNDERCUT EXCAVATION
1,500	SY	GEOTEXTILE FOR SOIL STABILIZATION
300	TON	GENERIC GRADING ITEM HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL
135	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
380	SY	FOUNDATION CONDITIONING GEOTEXTILE
12	LF	18" SIDE DRAIN PIPE
52	LF	12" RC PIPE CULVERTS, CLASS III
492	LF	15" RC PIPE CULVERTS, CLASS III
408	LF	18" RC PIPE CULVERTS, CLASS III
172	LF	24" RC PIPE CULVERTS, CLASS IV
1,053	LF	PIPE REMOVAL
1	EA	PIPE CLEAN-OUT
500	CY	SHALLOW UNDERCUT
950	TON	CLASS IV SUBGRADE STABILIZA- TION
300	TON	INCIDENTAL STONE BASE
540	SY	INCIDENTAL MILLING
1,250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
250	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
140	TON	ASPHALT BINDER FOR PLANT MIX
29	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
20	EA	RIGHT OF WAY MARKERS
112	CY	SUBDRAIN EXCAVATION
84	CY	SUBDRAIN FINE AGGREGATE
500 1	LF EA	6" PERFORATED SUBDRAIN PIPE SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
8	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.24
3	EA	FRAME WITH TWO GRATES, STD 840.29
310	SY	6" CONCRETE DRIVEWAY
25 2	LF EA	STEEL BM GUARDRAIL STEEL BM GUARDRAIL TERMINAL
1	EA	SECTIONS ADDITIONAL GUARDRAIL POSTS
10	TON	RIP RAP, CLASS B
595	SY	GEOTEXTILE FOR DRAINAGE
205	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
11	EA	SIGN ERECTION, TYPE E
8	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
567	SF	WORK ZONE SIGNS (STATIONARY)
224	SF	WORK ZONE SIGNS (PORTABLE)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
89	EA	DRUMS
160	LF	BARRICADES (TYPE III)
2,160	HR	FLAGGER
40	HR	LAW ENFORCEMENT
40	EA	TEMPORARY RAISED PAVEMENT MARKERS
3,872	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)

5,702	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
8,469	LF	PAINT PAVEMENT MARKING LINES (4")
78	EA	SNOWPLOWABLE PAVEMENT MARKERS
49	LF	12" WATER LINE
6	EA	RELOCATE WATER METER
2	EA	RELOCATE FIRE HYDRANT
49	LF	ABANDON 12" UTILITY PIPE
485	LF	TEMPORARY SILT FENCE
190	TON	STONE FOR EROSION CONTROL, CLASS A
510	TON	STONE FOR EROSION CONTROL, CLASS B
225	TON	SEDIMENT CONTROL STONE
4	ACR	TEMPORARY MULCHING
300	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
130	CY	SILT EXCAVATION
500	SY	MATTING FOR EROSION CONTROL
450	LF	1/4" HARDWARE CLOTH
285	LF	COIR FIBER WATTLE
235	LB	POLYACRYLAMIDE (PAM)
4	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
15	EA	RESPONSE FOR EROSION CONTROL

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L150317 007

# FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C203389 34379.3.FS33 DIV OFFICE ALBEMARLE LENGTH = 3.845 MI

COUNTY : MECKLENBURG, CABARRUS

ITS - CCTV INSTALLATION.

#### DBE GOAL 4.0% COMPLETION DATE: DEC 01 2015

#### I-85 FROM SR-2472 TO SR-2894.

		NOTE WITH THE ME
Lump Sum	LS	MOBILIZATION
125	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH
35	TON	(3") ASPHALT CONC BASE COURSE, TYPE B25.0B
45	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
7	TON	ASPHALT BINDER FOR PLANT MIX
600 4	LF EA	STEEL BM GUARDRAIL ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
5,430 110	LF LF	TRACER WIRE UNPAVED TRENCHING (********)
1,000	LF	(1, 2") UNPAVED TRENCHING (********)
180	LF	(2, 2") UNPAVED TRENCHING (********)
50	LF	(3, 2") UNPAVED TRENCHING (********) (6, 2")
970	LF	DIRECTIONAL DRILL (********) (1, 2")
460	LF	DIRECTIONAL DRILL (********) (2, 2")
7	EA	JUNCTION BOX (************) (SPECIAL OVERSIZED HEAVY-DUTY)
17	EA	JUNCTION BOX (STANDARD SIZE)
8	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
3	EA EA	WOOD POLE ***" RISER WITH **********
		(1-1/4", WEATHERHEAD)
7,320	LF	COMMUNICATIONS CABLE (**FIBER) (12)
18,130	LF	COMMUNICATIONS CABLE (**FIBER) (144)
3	EA EA	SPLICE ENCLOSURE DELINEATOR MARKER
6	EA	SOIL TEST
12	CY	DRILLED PIER FOUNDATION
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CABINET BASE EXTENDER
36	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE
6	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
6	EA	GENERIC SIGNAL ITEM CCTV CAMERA LOWERING SYSTEM
2	EA	GENERIC SIGNAL ITEM CCTV FIELD EQUIPMENT CABINET
4	EA	(WITH INVERTER) GENERIC SIGNAL ITEM CCTV FIELD EQUIPMENT CABINET
6	EA	(WITH UPS) GENERIC SIGNAL ITEM CCTV METAL POLE
6	EA	GENERIC SIGNAL ITEM
4	EA	CENTRAL VIDEO DECODER UNIT GENERIC SIGNAL ITEM
1	EA	EQUIPMENT CABINET DISCONNECT GENERIC SIGNAL ITEM FIBER-OPTIC SPLICE CABINET
6	EA	(BASE MOUNTED) GENERIC SIGNAL ITEM
1	EA	FIELD ETHERNET SWITCH GENERIC SIGNAL ITEM
1	EA	FURNISH CCTV CAMERA ASSEMBLY GENERIC SIGNAL ITEM
4	EA	FURNISH FIELD ETHERNET SWITCH GENERIC SIGNAL ITEM
-		GIGABIT TRANSCEIVER MODULE -

1	EA	GENERIC SIGNAL ITEM
•		HUB ETHERNET SWITCH
3	EA	GENERIC SIGNAL ITEM INTERCONNECT CENTER (144-FIBER)
6	EA	GENERIC SIGNAL ITEM INTERCONNECT CENTER (12-FIBER)
1	EA	GENERIC SIGNAL ITEM INTERCONNECT CENTER (36-FIBER)
3	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBIN- ATION PANEL
1	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE EQUIPMENT
1	EA	GENERIC SIGNAL ITEM PORTABLE CCTV CAMERA LOWERING TOOL
1	EA	GENERIC SIGNAL ITEM REMOVE EXISTING CCTV CAMERA SYSTEM
2	EA	GENERIC SIGNAL ITEM SOLAR POWER ASSEMBLY
Lump Sum	LS	GENERIC SIGNAL ITEM INTEGRATION AND CONFIGURATION
540	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING COND- UCTOR
1,790	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCT- ORS
90	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER SERVICE ENTRANCE CONDUCTORS

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L150317 008

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203644 10CR.10901.40 DIV OFFICE ALBEMARLE LENGTH = 41.410 MI

COUNTY : UNION

MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE: JUN 20 2016

5 SECTIONS OF US-74, 2 SECTIONS OF NC-200, 1 SECTION OF NC-207 AND 30 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
6,701	CY	BORROW EXCAVATION
143,065	SY	GENERIC GRADING ITEM SOIL CEMENT BASE (FULL DEPTH RECLAMATION)
4,906	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE
2,254	TON	INCIDENTAL STONE BASE
39.5	SMI	SHOULDER RECONSTRUCTION
171,054	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
45,024	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2-1/2")
3,300	SY	MILLING ASPHALT PAVEMENT, ***" TO ******"
5,523	SY	(0" TO 1-1/2") INCIDENTAL MILLING
16,202	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE I19.0B
7,058	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
25,714	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,701	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
16,384	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
13,648	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
4,783	TON	ASPHALT BINDER FOR PLANT MIX
15,157	TON	PATCHING EXISTING PAVEMENT
131,041	SY	ASPHALT SURFACE TREATMENT, SPLIT SEAL
3	EA	RETROFIT EXISTING CURB RAMP
2,450	SY	6" CONCRETE DRIVEWAY
3 27	EA EA	ADJUSTMENT OF CATCH BASINS ADJUSTMENT OF MANHOLES
51	EA	ADJUSTMENT OF MANHOLES  ADJUSTMENT OF METER BOXES OR
	SF	VALVE BOXES WORK ZONE ADVANCE/GENERAL
4,287		WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
200	HR	LAW ENFORCEMENT
106,227	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
92,422	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6,177	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
356	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,089	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
23	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
148	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
67,208	LF	PAINT PAVEMENT MARKING LINES (4")
2,256	EA	PERMANENT RAISED PAVEMENT MARKERS
6,685	LF	TEMPORARY SILT FENCE
756	TON	STONE FOR EROSION CONTROL, CLASS B
382	TON	SEDIMENT CONTROL STONE
6,685	LF	WATTLE
23	LB	POLYACRYLAMIDE (PAM)

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L150317 009

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203643 12CR.10551.13 DIV OFFICE SHELBY LENGTH = 14.450 MI

COUNTY : LINCOLN

MILLING, RESURFACING, SHLDR RECONSTR & MILLED RUMBLE STRIPS.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE: NOV 13 2015

#### US-321 FROM N OF NC-27 RAMPS TO THE CATAWBA COUNTY LINE & 4 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
2,125	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
300	TON	INCIDENTAL STONE BASE
34.14	SMI	SHOULDER RECONSTRUCTION
201,600	SY	MILLING ASPHALT PAVEMENT, ***"
		DEPTH
		(1-1/2")
2,950	SY	INCIDENTAL MILLING
500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
8,808	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,050	TON	ASPHALT CONC SURFACE COURSE,
,		TYPE S9.5B (LEVELING COURSE)
17,807	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,250	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C (LEVELING COURSE)
1,801	TON	ASPHALT BINDER FOR PLANT MIX
4,000	TON	PATCHING EXISTING PAVEMENT
119,250	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
1,640	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
100	HR	LAW ENFORCEMENT
134,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
17,500	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (6", 120 MILS)
125	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 120 MILS)
2,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
95	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
371,875	LF	PAINT PAVEMENT MARKING LINES (4")
151,500	LF	PAINT PAVEMENT MARKING LINES
0.650	I.E.	(6")
2,650	LF	PAINT PAVEMENT MARKING LINES (12")
890	EA	SNOWPLOWABLE PAVEMENT MARKERS

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L150317 010

# FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C203490 46191.3.FS1 DIV OFFICE ASHEVILE LENGTH = 4.100 MI

COUNTY : MADISON

GUARDRAIL, PAVING & MILLING.

DBE GOAL 5.0% COMPLETION DATE: OCT 15 2015

#### I-26 FROM MP-9 TO THE BUNCOMBE COUNTY LINE.

Lump Sum	LS	MOBILIZATION
15.06	SMI	SHOULDER RECONSTRUCTION
37,250	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
14,950	SY	MILLING ASPHALT PAVEMENT, ***" TO ******"
2.000	SY	(0" TO 1-1/2") INCIDENTAL MILLING
2,000		
22,632	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,335	TON	ASPHALT BINDER FOR PLANT MIX
86,592	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
17,500	LF	REMOVE & RESET EXISTING GUARD-RAIL
350	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
82	HR	LAW ENFORCEMENT
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
99,296	LF	POLYUREA PAVEMENT MARKING LINES (6", ********)
		(HIGHLY REFLECTIVE ELEMENTS)
4,900	LF	POLYUREA PAVEMENT MARKING
		LINES (12", ********)
		(HIGHLY REFLECTIVE ELEMENTS)
1,040	EA	SNOWPLOWABLE PAVEMENT MARKERS
10.96	ACR	SEEDING & MULCHING

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L150421 001

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

CONTRACT ID: C203563 38496.3.FR1 **DIV OFFICE GREENVILLE** LENGTH = 0.676 MI

: CARTERET

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

#### DBE GOAL 3.0% COMPLETION DATE: DEC 28 2018

#### BRIDGE #33 OVER NORTH RIVER ON US-70.

(W-BEAM)

2 EA SIGN ERECTION, TYPE D
11 EA SIGN ERECTION, TYPE E

MOUNTED)

2,160 SY GEOTEXTILE FOR DRAINAGE
103 LF SUPPORTS, 3-LB STEEL U-CHANNEL

11 EA DISPOSAL OF SIGN SYSTEM, WOOD

WORK ZONE SIGNS (STATIONARY) 96 SF WORK ZONE SIGNS (PORTABLE)

WORK ZONE SIGNS (BARRICADE

1,460 TON RIP RAP, CLASS II 5 TON RIP RAP, CLASS B

48 SF

36 SF

		ROADWAY ITEMS	85	EA	DRUMS
		KOADWAI IIEMS	48	LF	BARRICADES (TYPE III)
			40	DAY	FLAGGER
I C	1.0	MODII IZATION	4	EA	TEMPORARY CRASH CUSHIONS
Lump Sum	LS LS	MOBILIZATION CONSTRUCTION SURVEYING	3	EA	RESET TEMPORARY CRASH CUSHION
Lump Sum	LS	FIELD OFFICE	1,925	LF	PORTABLE CONCRETE BARRIER
Lump Sum		GRADING	450	LF	RESET PORTABLE CONCRETE BAR-
Lump Sum	LS				RIER
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	300	LF	RESET PORTABLE CONCRETE BAR- RIER (ANCHORED)
2,300 13	CY EA	UNDERCUT EXCAVATION EMBANKMENT SETTLEMENT GAUGES	89	EA	TEMPORARY RAISED PAVEMENT MARKERS
590	CY	DRAINAGE DITCH EXCAVATION	4,400	LF	
8,005	CY	SELECT GRANULAR MATERIAL,	4,400	LI	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		CLASS III	4,400	LF	THERMOPLASTIC PAVEMENT MARKING
9,600	SY	GEOTEXTILE FOR SOIL STABILIZA- TION			LINES (4", 120 MILS)
5,200	SF	TEMPORARY SHORING	5,400	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
Lump Sum	LS	GENERIC GRADING ITEM			(II)
		SPECIAL REINFORCED BRIDGE	25,700	LF	PAINT PAVEMENT MARKING LINES
6	EA	APPROACH FILL, STA 47+75.00-L- GENERIC GRADING ITEM			(4")
6	EA	HYDRAULIC SETTLE GAUGE	4,000	LF	REMOVAL OF PAVEMENT MARKING
6	EA	GENERIC GRADING ITEM	44	EA	LINES (4")
		VW PIEZOMETER	44	EA	PERMANENT RAISED PAVEMENT MARKERS
60	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	Lump Sum	LS	GENERIC UTILITY ITEM INSTALL 4" SCHEDULE 40 PVC
180	SY	FOUNDATION CONDITIONING GEO-			ELECTRICAL CONDUIT
		TEXTILE	5,010	LF	TEMPORARY SILT FENCE
88	LF	15" SIDE DRAIN PIPE	150	TON	STONE FOR EROSION CONTROL,
2	EA	**" SIDE DRAIN PIPE ELBOWS			CLASS A
120		(15")	290	TON	STONE FOR EROSION CONTROL,
428	LF	15" RC PIPE CULVERTS, CLASS IV	205	TON	CLASS B
100	CY	SHALLOW UNDERCUT	305	TON	SEDIMENT CONTROL STONE
200	TON	CLASS IV SUBGRADE STABILIZA- TION	3.5	ACR	TEMPORARY MULCHING
1,600	TON	STABILIZER AGGREGATE	300 1.5	LB TON	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-
290	TON	AGGREGATE BASE COURSE	1.5	ION	ING
500	TON	INCIDENTAL STONE BASE	200	LF	TEMPORARY SLOPE DRAINS
390	SY	MILLING ASPHALT PAVEMENT, ***"	250	LF	SAFETY FENCE
		TO ******"	450	CY	SILT EXCAVATION
		(0" TO 3")	1,750	SY	MATTING FOR EROSION CONTROL
1,620	TON	ASPHALT CONC BASE COURSE, TYPE	1,300	SY	COIR FIBER MAT
1,050	TON	B25.0B ASPHALT CONC INTERMEDIATE	111	SY	PERMANENT SOIL REINFORCEMENT MAT
		COURSE, TYPE I19.0B	385	LF	1/4" HARDWARE CLOTH
1,380	TON		2,600	SY	FLOATING TURBIDITY CURTAIN
205	TON	TYPE S9.5B	2,000	EA	SPECIAL STILLING BASINS
205	TON	ASPHALT BINDER FOR PLANT MIX	90	LF	WATTLE
448	CY	SUBDRAIN EXCAVATION	285	LF	COIR FIBER WATTLE
2,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	30	LB	POLYACRYLAMIDE (PAM)
336	CY	SUBDRAIN COARSE AGGREGATE	4	ACR	SEEDING & MULCHING
2,000	LF	6" PERFORATED SUBDRAIN PIPE	2	ACR	MOWING
2,000	EA	SUBDRAIN PIPE OUTLET	50	LB	SEED FOR REPAIR SEEDING
24	LF	6" OUTLET PIPE			FERTILIZER FOR REPAIR SEEDING
9	EA	MASONRY DRAINAGE STRUCTURES		LB	SEED FOR SUPPLEMENTAL SEEDING
9	EA	FRAME WITH TWO GRATES, STD			FERTILIZER TOPDRESSING
		840.29			SPECIALIZED HAND MOWING
505	LF	SHOULDER BERM GUTTER	25		RESPONSE FOR EROSION CONTROL
2,025	LF	STEEL BM GUARDRAIL			REFORESTATION
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			
		III			*****
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			WALL ITEMS
2	EA	TEMPORARY GUARDRAIL ANCHOR			
		UNITS, TYPE ********	609.1	CY	CLASS AA CONCRETE (BRIDGE)
		(W-REAM)			

609.1	CY	CLASS AA CONCRETE (BRIDGE)
46,383	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
4,918	LF	GENERIC RETAINING WALL ITEM 16" PRESTRESSED CONCRETE PILES
66,015	SF	GENERIC RETAINING WALL ITEM TIEBACK STEEL SHEET PILE RETAINING WALL

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# STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(47+75.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
6	EA	PDA TESTING
52,126	SF	REINFORCED CONCRETE DECK SLAB
45,915	SF	GROOVING BRIDGE FLOORS
325	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(47+75.00-L-)
52,986	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
5,350	LF	54" PRESTRESSED CONCRETE GIR- DERS
665	LF	12" PRESTRESSED CONCRETE PILES
5,130	LF	24" PRESTRESSED CONCRETE PILES
50	EA	PILE REDRIVES
2,683.67	LF	TWO BAR METAL RAIL
2,698.67	LF	1'-**"X *****" CONCRETE PARA- PET
		(1'-2" X 2'-6")
28	TON	RIP RAP, CLASS B
26	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS