



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

February 1, 2024

Addendum No. 1

RE: **DD00447**
Johnston County

To Whom It May Concern:

Reference is made to the above-mentioned project. The following changes have been made:

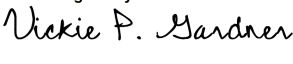
1. Line Item 0081 was incorrectly entered as Pile Driving Equipment Setup for Galvanized Steel Piles. The piles required in this contract are not galvanized, therefore, this item will be corrected.
2. There was an error in calculating both the Drilled Piers Not in Soil and the Permanent Steel Casing for Drilled Piers. The drilled shaft should extend to the bottom of the cap for both bents. Please replace plan sheet S-3 with the attached.

Please replace the Proposal Item Sheets in the proposal with the attached sheets dated Feb 01, 2024 to correct both addendum items.

This sheet and attachments shall be made a part of the plans and bid documents and shall be submitted with the bid. Bids submitted without the addenda and attachments will be considered non-responsive.

If there are any questions, please contact me at (252) 640-6433.

Sincerely,

DocuSigned by:

BD9FE36C1AA642B... 02/01/2024

Vickie P. Gardner
Division Four Contract Engineer

VPG/
Attachments

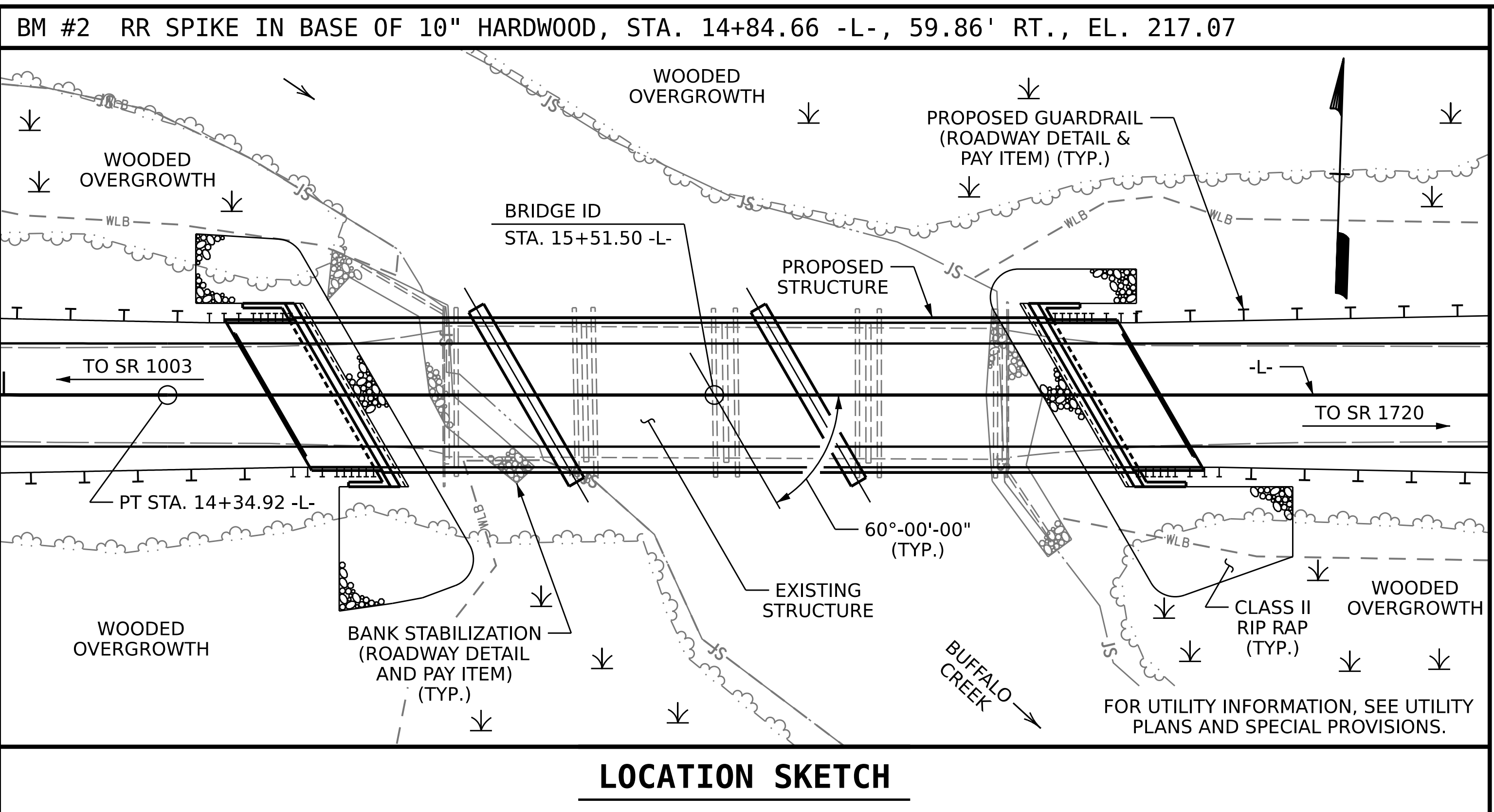
Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION FOUR OFFICE
POST OFFICE BOX 3165
WILSON, NC 27895

Telephone: (252) 640-6400
Fax: (252) 234-6174
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
509 WARD BOULEVARD
WILSON, NC 27895

I:\30\2024 8-47\16 AM P:\Raleigh\Projects\2021\Div 4 (SEA)\BP4.R006\Structures\Drawings\Final\Concrete WS\BP4R006.SMU_CD_500173.dgn



NOTES:

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.

FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

THE MATERIAL IN THE VICINITY OF THE EXISTING BRIDGE SHALL BE EXCAVATED AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR UNCLASSIFIED STRUCTURE EXCAVATION. SEE SECTION 412 OF THE STANDARD SPECIFICATIONS.

REMOVAL OF THE EXISTING BRIDGE SHALL BE PERFORMED IN A MANNER THAT PREVENTS DEBRIS FROM FALLING INTO THE WATER. THE CONTRACTOR SHALL SUBMIT DEMOLITION PLANS FOR REVIEW AND REMOVE THE BRIDGE IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS.

THE EXISTING STRUCTURE CONSISTS OF 4 SPANS, 1 @ 30'-4", 2 @ 30'-0" AND 1 @ 30'-4". THE SUPERSTRUCTURE HAS A CLEAR ROADWAY WIDTH OF 28'-1" WITH STEEL PLANK DECK ON STEEL I-BEAMS. THE END BENTS AND INTERIOR BENTS CONSIST OF TIMBER CAPS ON TIMBER PILES WITH STEEL CRUTCH BENTS. THE EXISTING STRUCTURE, WHICH IS LOCATED AT THE SITE OF THE PROPOSED STRUCTURE, SHALL BE REMOVED.

THE SUBSTRUCTURE OF THE EXISTING BRIDGE INDICATED ON THE PLANS IS FROM THE BEST INFORMATION AVAILABLE. SINCE THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT OF TRANSPORTATION FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN THE EXISTING BRIDGE SUBSTRUCTURE SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH "HEC 18-EVALUATING SCOUR AT BRIDGES."

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

INASMUCH AS THE PAINT SYSTEM ON THE EXISTING STRUCTURAL STEEL CONTAINS LEAD, THE CONTRACTOR'S ATTENTION IS DIRECTED TO ARTICLE 107-1 OF THE STANDARD SPECIFICATIONS. ANY COSTS RESULTING FROM COMPLIANCE WITH APPLICABLE STATE OR FEDERAL REGULATIONS PERTAINING TO HANDLING OF MATERIALS CONTAINING LEAD BASED PAINT SHALL BE INCLUDED IN THE BID PRICE FOR "REMOVAL OF EXISTING STRUCTURE AT STATION 15+51.50 -L."

FOR ASBESTOS ASSESSMENT FOR BRIDGE DEMOLITION AND RENOVATION ACTIVITIES, SEE SPECIAL PROVISIONS.

AT THE CONTRACTOR'S OPTION, AND UPON REMOVAL OF THE CAUSEWAY, THE CLASS II RIP RAP USED IN THE CAUSEWAY MAY BE PLACED AS RIP RAP SLOPE PROTECTION. SEE SPECIAL PROVISIONS FOR CONSTRUCTION, MAINTENANCE AND REMOVAL OF TEMPORARY ACCESS AT STATION 15+51.50 -L.

LOCATION SKETCH

TOTAL BILL OF MATERIAL											
	CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMP ACCESS @ STA.15+51.50 -L-	REMOVAL OF EXISTING STRUCTURE @ STA.15+51.50 -L-	ASBESTOS ASSESMENT	3'-0" DIA. DRILLED PIER IN SOIL	3'-0" DIA. DRILLED PIER NOT IN SOIL	PERMANENT STEEL CASING FOR 3'-0" DIA. DRILLED PIERS	SID INSPECTIONS	SPT TESTING	CSL TESTING	UNCLASSIFIED STRUCTURE EXCAVATION	CONCRETE WEARING SURFACE
	LS	LS	LS	LF	LF	LF	EA	EA	EA	LS	SF
SUPERSTRUCTURE											5,022
END BENT 1											
BENT 1				107.0	24.0	85.3					
BENT 2				85.0	39.0	76.9					
END BENT 2											
TOTAL	LS	LS	LS	192.0	63.0	162.2	1	1	2	LS	5,022

TOTAL BILL OF MATERIAL															
	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	PILE DRIVING EQUIPMENT SETUP FOR HP 12 X 53 STEEL PILES	HP 12 X 53 STEEL PILES		DYNAMIC PILE TESTING	VERTICAL CONCRETE BARRIER RAIL	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS	3'-0" X 2'-0" PRESTRESSED CONCRETE CORED SLABS	
	SF	CY	LS	LB	LB	EA	NO.	LF	EA	LF	TON	SY	LS	NO	LF
SUPERSTRUCTURE	5,251		LS							320.00			LS	33	1760.00
END BENT 1		25.7		3,147		7	7	315			155	175			
BENT 1		26.1		11,809	2,189										
BENT 2		26.1		11,536	2,073										
END BENT 2		25.7		3,147		7	7	210			195	220			
TOTAL	5,251	103.6	LS	29,639	4,262	14	14	525	1	320.00	350	395	LS	33	1760.00

FOUNDATION NOTES:

FOR PILES, SEE PILES PROVISION AND SECTION 450 OF THE STANDARD SPECIFICATIONS.

FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

INSTALL PERMANENT STEEL CASINGS AT BENT 1 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTURBING ANY MATERIAL BELOW ELEVATION 203.5 FT.

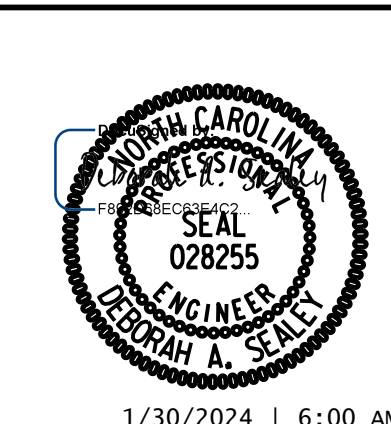
INSTALL PERMANENT STEEL CASINGS AT BENT 2 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTURBING ANY MATERIAL BELOW ELEVATION 197.5 FT.

DO NOT DEWATER DRILLED PIER EXCAVATIONS AT BENT 1 AND 2. CLEAN THE BOTTOM OF EXCAVATIONS WITH A SUBMERSIBLE PUMP OR AND AIRLIFT. WET PLACEMENT OF CONCRETE IS REQUIRED.

PROJECT NO. BP4.R006
JOHNSTON COUNTY
 STATION: 15+51.50 -L-

SHEET 3 OF 3

DRAWN BY : T. BANKOVICH DATE : 11-22
 CHECKED BY : D.A. SEALEY DATE : 11-22
 DESIGN ENGINEER OF RECORD: D.A. SEALEY DATE : 11-22



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON SR 1700
 (COVERED BRIDGE RD.)
 OVER BUFFALO CREEK
 BETWEEN SR 1003 AND SR 1720

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-3
1			3			TOTAL SHEETS 22
2			4			

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

County: JOHNSTON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0043000000-N	226	GRADING	Lump Sum	L.S.	
0004	0134000000-E	240	DRAINAGE DITCH EXCAVATION	650 CY		
0005	0248000000-N	SP	GENERIC GRADING ITEM TYPE I APPROACH FILL, STATION 15+51.50	Lump Sum	L.S.	
0006	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	10 TON		
0007	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	25 SY		
0008	0335200000-E	305	15" DRAINAGE PIPE	32 LF		
0009	0335850000-E	305	*** DRAINAGE PIPE ELBOWS (15")	2 EA		
0010	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	36 LF		
0011	1330000000-E	607	INCIDENTAL MILLING	260 SY		
0012	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	715 TON		
0013	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	615 TON		
0014	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	615 TON		
0015	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	103 TON		
0016	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	2 EA		
0017	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	2 EA		

County: JOHNSTON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	2556000000-E	846	SHOULDER BERM GUTTER	30 LF		
0019	2612000000-E	848	6" CONCRETE DRIVEWAY	60 SY		
0020	3030000000-E	862	STEEL BEAM GUARDRAIL	900 LF		
0021	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5 EA		
0022	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	4 EA		
0023	3287000000-N	862	GUARDRAIL END UNITS, TYPE TL-3	4 EA		
0024	3635000000-E	876	RIP RAP, CLASS II	105 TON		
0025	3649000000-E	876	RIP RAP, CLASS B	2 TON		
0026	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	932 SY		
0027	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	4 EA		
0028	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	628 SF		
0029	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	96 SF		
0030	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	94 SF		
0031	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	21 DAY		
0032	4430000000-N	1130	DRUMS	20 EA		
0033	4435000000-N	1135	CONES	20 EA		
0034	4445000000-E	1145	BARRICADES (TYPE III)	80 LF		

County: JOHNSTON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	4455000000-N	1150	FLAGGER	30 DAY		
0036	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	3,762 LF		
0037	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	2,046 LF		
0038	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	20 LF		
0039	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	12 EA		
0040	5325600000-E	1510	6" WATER LINE	1,196 LF		
0041	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	690 LB		
0042	5571600000-E	1515	6" TAPPING SLEEVE & VALVE	2 EA		
0043	5800000000-E	1530	ABANDON 6" UTILITY PIPE	1,081 LF		
0044	5835600000-E	1540	12" ENCASEMENT PIPE	80 LF		
0045	5872600000-E	1550	DIRECTIONAL DRILLING OF *** (6")	956 LF		
0046	6000000000-E	1605	TEMPORARY SILT FENCE	2,490 LF		
0047	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	75 TON		
0048	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	15 TON		
0049	6012000000-E	1610	SEDIMENT CONTROL STONE	145 TON		
0050	6015000000-E	1615	TEMPORARY MULCHING	1.5 ACR		
0051	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	200 LB		

County: JOHNSTON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0052	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	1 TON		
0053	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0054	6029000000-E	SP	SAFETY FENCE	320 LF		
0055	6030000000-E	1630	SILT EXCAVATION	40 CY		
0056	6036000000-E	1631	MATTING FOR EROSION CONTROL	1,265 SY		
0057	6037000000-E	1629	COIR FIBER MAT	100 SY		
0058	6042000000-E	1632	1/4" HARDWARE CLOTH	295 LF		
0059	6048000000-E	SP	FLOATING TURBIDITY CURTAIN	500 SY		
0060	6070000000-N	1639	SPECIAL STILLING BASINS	4 EA		
0061	6084000000-E	1660	SEEDING & MULCHING	3 ACR		
0062	6087000000-E	1660	MOWING	3 ACR		
0063	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB		
0064	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0065	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50 LB		
0066	6108000000-E	1665	FERTILIZER TOPDRESSING	1.25 TON		
0067	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0068	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	13 EA		

County: JOHNSTON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0069	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	2 EA		
0070	6123000000-E	1670	REFORESTATION	0.1 ACR		
STRUCTURE ITEMS						
0071	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+51.50)	Lump Sum	L.S.	
0072	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+51.50 -L-)	Lump Sum	L.S.	
0073	8065000000-N	SP	ASBESTOS ASSESSMENT	Lump Sum	L.S.	
0074	8105520000-E	411	3'-0" DIA DRILLED PIERS IN SOIL	192 LF		
0075	8105620000-E	411	3'-0" DIA DRILLED PIERS NOT IN SOIL	63 LF		
0076	8111200000-E	411	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER	162.2 LF		
0077	8113000000-N	411	SID INSPECTIONS	1 EA		
0078	8114000000-N	411	SPT TESTING	1 EA		
0079	8115000000-N	411	CSL TESTING	2 EA		
0080	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+51.50 -L-)	Lump Sum	L.S.	
0081	8156000000-E	SP	CONCRETE WEARING SURFACE	5,022 SF		
0082	8161000000-E	420	GROOVING BRIDGE FLOORS	5,251 SF		
0083	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	103.6 CY		

County: JOHNSTON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0084	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (15+51.50 -L-)	Lump Sum	L.S.	
0085	8217000000-E	425	REINFORCING STEEL (BRIDGE)	29,639 LB		
0086	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	4,262 LB		
0087	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	14 EA		
0088	8364000000-E	450	HP 12 X 53 STEEL PILES	525 LF		
0089	8394000000-N	450	DYNAMIC PILE TESTING	1 EA		
0090	8505000000-E	460	VERTICAL CONCRETE BARRIER RAIL	320 LF		
0091	8608000000-E	876	RIP RAP CLASS II (2'-0" THICK)	350 TON		
0092	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	395 SY		
0093	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0094	8763000000-E	430	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS	1,760 LF		

0921/Feb01/Q69804.9/D485300690000/E94

Total Amount Of Bid For Entire Project :