



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

February 10, 2025

Addendum No. 1

RE: Contract # C204978

WBS # 45722.3.1

STATE FUNDED

Stokes County (B-5766)

BRIDGE #840082 OVER THE DAN RIVER ON SR-1674 (SHEPPARD MILL ROAD)

February 18, 2025 Letting

To Whom It May Concern:

Reference is made to the plans and proposal furnished to you on this project.

The following revisions have been made to the Structure plans.

Sheet No.	Revision
S-4	Bill of Materials revised to add pay item below

Please void the above listed Sheet in your Plans and staple the revised Sheet thereto.

The following revisions have been made to the proposal.

Page No.	Revision
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 02-10-2025".
ST-1	The Table of Contents has been revised to add the Unit Project Special Provision shown below.
ST-21 and ST-22	The Unit Project Special Provision entitled CONSTRUCTION, MAINTENANCE AND REMOVAL OF TEMPORARY ACCESS AT STATION 14+96.00 -L- has been added.

Please void the above listed Pages in your proposal and staple the revised Pages thereto.

On the item sheets the following pay item revisions have been made:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0062- 3635000000-E 876	RIP RAP, CLASS II	850 TON	460 TON
0157- 8017000000-N SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA 14+96.00 -L-	NEW ITEM	LUMP SUM

The Contractor's bid must include these pay item revisions.

The electronic bidding file has been updated to reflect these revisions. Please download the Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

The contract will be prepared accordingly.

Sincerely,

Signed by:

 52C46046381F443...

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

RED/jjr
 Attachments

cc: Mr. Wiley W. Jones III, PE
 Mr. John P. Rhyne, PE
 Mr. Ken Kennedy, PE
 Mr. Malcolm Bell

Mr. Forrest Dungan, PE
 Ms. Jaci Kincaid
 Mr. Jon Weathersbee, PE
 Project File (2)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 02-10-2025

DATE AND TIME OF BID OPENING: **Feb 18, 2025 AT 02:00 PM**

CONTRACT ID C204978
WBS 45722.3.1

FEDERAL-AID NO. STATE FUNDED
COUNTY STOKES
T.I.P NO. B-5766
MILES 0.213
ROUTE NO. SR-1674
LOCATION BRIDGE #840082 OVER THE DAN RIVER ON SR-1674 (SHEPPARD MILL ROAD).

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

**Project Special Provisions
Structure**

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Construction, Maintenance and Removal of Temporary Access at Station 14+96.00 -L-	(2-21-23)	ST-21



**CONSTRUCTION, MAINTENANCE AND REMOVAL
OF TEMPORARY ACCESS AT STATION 14+96.00 -L-****(02-21-23)****GENERAL**

Construct, maintain, and remove the temporary access required to provide the working area necessary for construction of the new bridge, construction of the temporary detour structure, or for the removal of an existing bridge, as applicable. Temporary access may involve the use of a rock causeway [workpad], a work bridge, or other methods; however, all types of temporary access are required to meet the requirements of all permits, the plans, the *Standard Specifications*, and this Special Provision.

TEMPORARY ROCK CAUSEWAY [WORKPAD]

At the contractor's option, construction of a temporary rock causeway [workpad] within the limits shown on the plans is acceptable, provided the causeway [workpad] impacts are in compliance with all permits. Build the causeway [workpad] with Class II riprap topped by a layer of Class B riprap or as otherwise designated on the plans or approved by the Engineer. If desired, recycle the Class II riprap used in the causeway [workpad] for placement in the final riprap slope protection as directed by the Engineer. No payment will be made for recycled riprap as this material is considered incidental to the causeway [workpad] placement and removal. If this option is exercised, no adjustment in contract bid price will be allowed due to an underrun in the quantity of "Rip Rap Class II (2'-0" Thick)".

Completely remove all causeway [workpad] material including pipes and return the entire causeway [workpad] footprint to the original contours and elevations within 90 days of the completion of the deck slab or as otherwise required by permits.

For sites affected by moratoriums or restrictions on in-stream work: Do not construct or remove causeway [workpad] during the moratorium period shown on the permit. If the completion of the deck slab falls within the prohibitive dates for causeway [workpad] construction or removal, begin causeway [workpad] removal immediately following the prohibitive dates.

TEMPORARY WORK BRIDGE

At the contractor's option, construction of a temporary work bridge in lieu of the causeway(s) [workpad] is acceptable, provided the temporary work bridge satisfies all permits. Submit details of the temporary work bridge to the Engineer prior to constructing the work bridge to ensure conformance with the plans and all permits. Completely remove the temporary bridge prior to final acceptance or as otherwise required by the permits.

MEASUREMENT AND PAYMENT

Construction, Maintenance and Removal of Temporary Access at Station 14+96.00 -L- will be paid under the lump sum price bid for the above work, or other methods of access, including all material, pipes, work bridge components, equipment, tools, labor, disposal, and incidentals necessary to complete the work.

B-5766

ST-22

Stokes County

Payment will be made under:

Pay Item

Construction, Maintenance and Removal of Temporary Access at Sta.
14+96.00 -L-

Pay Unit

Lump Sum

County: STOKES

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	0000900000-N	SP	GENERIC MISCELLANEOUS ITEM BAT EXCLUSION MEASURES	Lump Sum	L.S.	
0004	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR		
0005	0057000000-E	226	UNDERCUT EXCAVATION	300 CY		
0006	0063000000-N	SP	GRADING	Lump Sum	L.S.	
0007	0106000000-E	230	BORROW EXCAVATION	12,600 CY		
0008	0195000000-E	265	SELECT GRANULAR MATERIAL	200 CY		
0009	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	400 SY		
0010	0199000000-E	SP	TEMPORARY SHORING	1,290 SF		
0011	0223000000-E	275	ROCK PLATING	950 SY		
0012	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 14+96 -L-	Lump Sum	L.S.	
0013	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	80 TON		
0014	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	240 SY		
0015	0335100000-E	305	12" DRAINAGE PIPE	64 LF		
0016	0335200000-E	305	15" DRAINAGE PIPE	44 LF		
0017	0335300000-E	305	18" DRAINAGE PIPE	152 LF		

County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	0335400000-E	305	24" DRAINAGE PIPE	8 LF		
0019	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	192 LF		
0020	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	256 LF		
0021	0995000000-E	340	PIPE REMOVAL	94 LF		
0022	1099500000-E	505	SHALLOW UNDERCUT	200 CY		
0023	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	400 TON		
0024	1112000000-E	505	GEOTEXTILE FOR SUBGRADE STABILIZATION	600 SY		
0025	1220000000-E	545	INCIDENTAL STONE BASE	50 TON		
0026	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	1,100 SY		
0027	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	1,200 SY		
0028	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	755 TON		
0029	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	540 TON		
0030	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	500 TON		
0031	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	90 TON		
0032	2000000000-N	806	RIGHT-OF-WAY MARKERS	4 EA		
0033	2022000000-E	815	SUBDRAIN EXCAVATION	45 CY		
0034	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	200 SY		

County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	34 CY		
0036	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	200 LF		
0037	2070000000-N	815	SUBDRAIN PIPE OUTLET	1 EA		
0038	2077000000-E	815	6" OUTLET PIPE	6 LF		
0039	2275000000-E	SP	FLOWABLE FILL	2 CY		
0040	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	9 EA		
0041	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	5.7 LF		
0042	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	1 EA		
0043	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	1 EA		
0044	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	4 EA		
0045	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	2 EA		
0046	2396000000-N	840	FRAME WITH COVER, STD 840.54	1 EA		
0047	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	1,240 LF		
0048	2591000000-E	848	4" CONCRETE SIDEWALK	590 SY		
0049	2605000000-N	848	CONCRETE CURB RAMPS	5 EA		
0050	3030000000-E	862	STEEL BEAM GUARDRAIL	300 LF		
0051	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	62.5 LF		

County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0052	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	3 EA		
0053	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	2 EA		
0054	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	1 EA		
0055	3360000000-E	863	REMOVE EXISTING GUARDRAIL	665 LF		
0056	3387000000-N	862	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (THRIE-BEAM)	2 EA		
0057	3389150000-N	862	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)	1 EA		
0058	3420000000-E	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED STEEL BEAM GUARDRAIL	375 LF		
0059	3435000000-N	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED ADDITIONAL GUARDRAIL POSTS	2 EA		
0060	3435000000-N	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE III	2 EA		
0061	3435000000-N	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED GUARDRAIL END UNITS, TYPE TL-2	2 EA		
0062	3635000000-E	876	RIP RAP, CLASS II	460 TON		
0063	3649000000-E	876	RIP RAP, CLASS B	30 TON		
0064	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	790 SY		
0065	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	160 LF		
0066	4096000000-N	904	SIGN ERECTION, TYPE D	2 EA		
0067	4102000000-N	904	SIGN ERECTION, TYPE E	9 EA		

County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0068	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	14 EA		
0069	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	319 SF		
0070	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	441 SF		
0071	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	79 SF		
0072	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	63 DAY		
0073	4430000000-N	1130	DRUMS	100 EA		
0074	4445000000-E	1145	BARRICADES (TYPE III)	64 LF		
0075	4455000000-N	1150	FLAGGER	150 DAY		
0076	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	4 EA		
0077	4470000000-N	1160	REMOVE & RESET TEMPORARY CRASH CUSHION	5 EA		
0078	4485000000-E	1170	PORTABLE CONCRETE BARRIER	110 LF		
0079	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	670 LF		
0080	4500000000-E	1170	REMOVE AND RESET PORTABLE CONCRETE BARRIER	110 LF		
0081	4505000000-E	1170	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	710 LF		
0082	4516000000-N	1180	SKINNY DRUM	50 EA		
0083	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	5 EA		
0084	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	7,315 LF		

County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0085	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	40 LF		
0086	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	3,460 LF		
0087	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (24", 90 MILS)	20 LF		
0088	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (4", 90 MILS)	3,750 LF		
0089	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (8", 90 MILS)	150 LF		
0090	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS	5 EA		
0091	5325600000-E	1510	6" WATER LINE	267 LF		
0092	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	595 LB		
0093	5589200000-E	1515	2" AIR RELEASE VALVE	2 EA		
0094	5691300000-E	1520	8" SANITARY GRAVITY SEWER	48 LF		
0095	5709300000-E	1520	6" FORCE MAIN SEWER	569 LF		
0096	5769000000-E	1520	DUCTILE IRON SEWER PIPE FITTINGS	825 LB		
0097	5776000000-E	1525	5' DIA UTILITY MANHOLE	1 EA		
0098	5782000000-E	1525	UTILITY MANHOLE WALL 5' DIA	13 LF		
0099	5800000000-E	1530	ABANDON 6" UTILITY PIPE	1,252 LF		
0100	5801000000-E	1530	ABANDON 8" UTILITY PIPE	48 LF		

County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0101	5816000000-N	1530	ABANDON UTILITY MANHOLE	1 EA		
0102	5828000000-N	1530	REMOVE UTILITY MANHOLE	2 EA		
0103	5835600000-E	1540	12" ENCASEMENT PIPE	47 LF		
0104	5912000000-N	SP	GENERIC UTILITY ITEM 6" FORCE MAIN SEWER SUSPENDED FROM BRIDGE	Lump Sum	L.S.	
0105	6000000000-E	1605	TEMPORARY SILT FENCE	3,885 LF		
0106	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	240 TON		
0107	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	345 TON		
0108	6012000000-E	1610	SEDIMENT CONTROL STONE	355 TON		
0109	6015000000-E	1615	TEMPORARY MULCHING	5.5 ACR		
0110	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	300 LB		
0111	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	2.5 TON		
0112	6024000000-E	1622	TEMPORARY SLOPE DRAINS	405 LF		
0113	6029000000-E	SP	SAFETY FENCE	440 LF		
0114	6030000000-E	1630	SILT EXCAVATION	780 CY		
0115	6036000000-E	1631	MATTING FOR EROSION CONTROL	13,000 SY		
0116	6037000000-E	1629	COIR FIBER MAT	595 SY		
0117	6042000000-E	1632	1/4" HARDWARE CLOTH	940 LF		

County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0118	6043000000-E	1644	LOW PERMEABILITY GEOTEXTILE	100 SY		
0119	6045000000-E	SP	*** TEMPORARY PIPE (18")	72 LF		
0120	6048000000-E	SP	FLOATING TURBIDITY CURTAIN	60 SY		
0121	6070000000-N	1639	SPECIAL STILLING BASINS	4 EA		
0122	6071002000-E	1642	FLOCCULANT	110 LB		
0123	6071010000-E	1642	WATTLE	140 LF		
0124	6071030000-E	1640	COIR FIBER BAFFLE	190 LF		
0125	6071050000-E	1644	*** SKIMMER (1-1/2")	2 EA		
0126	6084000000-E	1660	SEEDING & MULCHING	6 ACR		
0127	6087000000-E	1660	MOWING	6 ACR		
0128	6090000000-E	1661	SEED FOR REPAIR SEEDING	100 LB		
0129	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0130	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	125 LB		
0131	6108000000-E	1665	FERTILIZER TOPDRESSING	3.25 TON		
0132	6111000000-E	SP	IMPERVIOUS DIKE	280 LF		
0133	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0134	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	100 EA		

County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0135	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	4 EA		
0136	6123000000-E	1670	REFORESTATION	1 ACR		
STRUCTURE ITEMS						
0137	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+96.00 -L-)	Lump Sum	L.S.	
0138	8065000000-N	SP	ASBESTOS ASSESSMENT	Lump Sum	L.S.	
0139	8108000000-E	411	***_*** DIA DRILLED PIERS (4'-0")	144 LF		
0140	8111600000-E	411	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER	42 LF		
0141	8115000000-N	411	CSL TESTING	1 EA		
0142	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+96.00 -L-)	Lump Sum	L.S.	
0143	8147000000-E	420	REINFORCED CONCRETE DECK SLAB	17,050 SF		
0144	8161000000-E	420	GROOVING BRIDGE FLOORS	13,836 SF		
0145	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	182.6 CY		
0146	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (14+96.00 -L-)	Lump Sum	L.S.	
0147	8217000000-E	425	REINFORCING STEEL (BRIDGE)	34,139 LB		
0148	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	6,352 LB		
0149	8278000000-E	430	FIB *** PRESTRESSED CONCRETE GIRDERS (63")	1,856.24 LF		

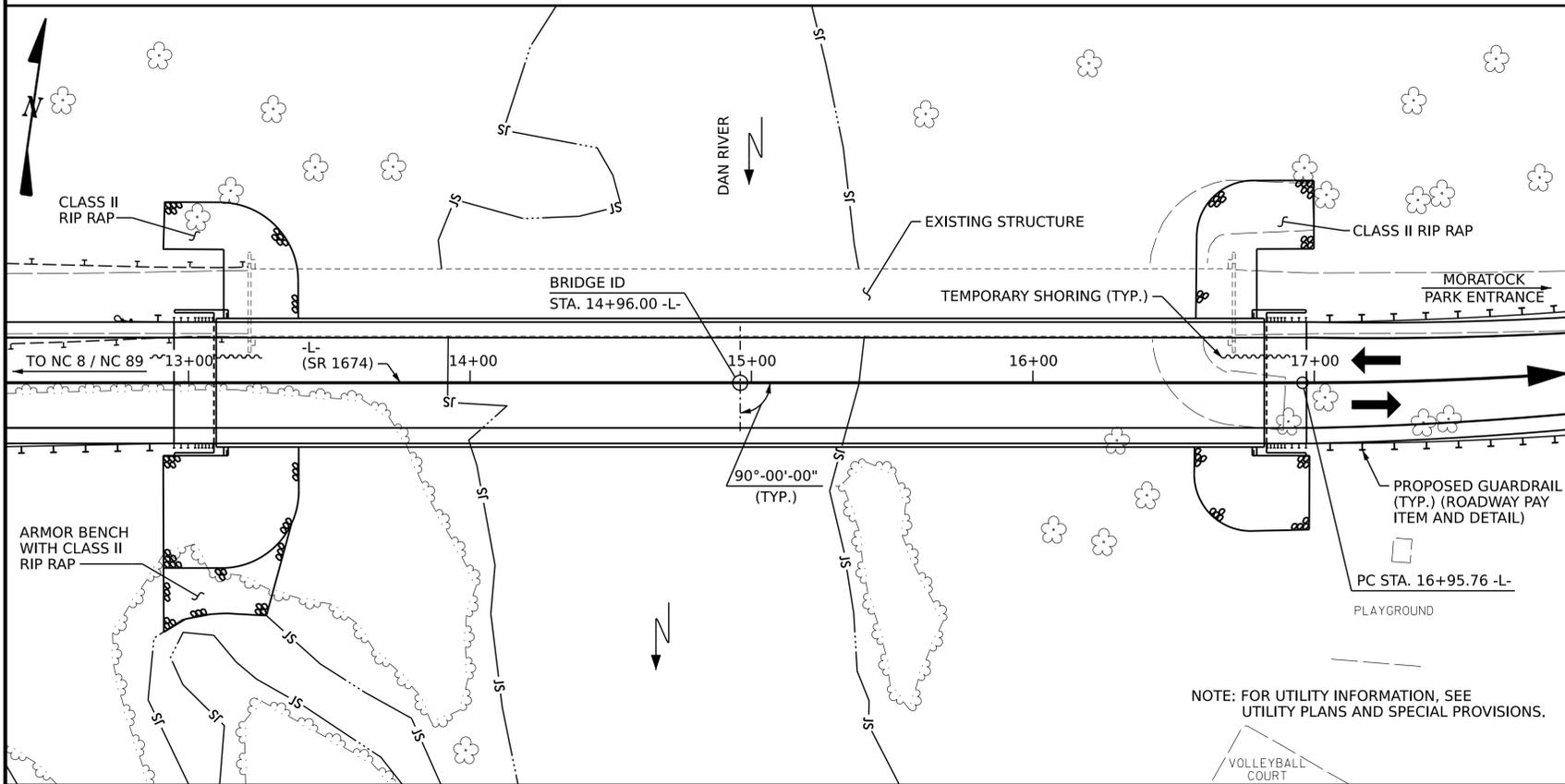
County: STOKES

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0150	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	24 EA		
0151	8364000000-E	450	HP 12 X 53 STEEL PILES	660 LF		
0152	8475000000-E	460	TWO BAR METAL RAIL	729.67 LF		
0153	8517000000-E	460	1'-*** X ***** CONCRETE PARAPET (1'-2" X 3'-3")	744.67 LF		
0154	8608000000-E	876	RIP RAP CLASS II (2'-0" THICK)	916 TON		
0155	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	1,017 SY		
0156	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0157	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+96.00 -L-)	Lump Sum	L.S.	

1515/Feb07/Q149141.88/D674725142000/E157

Total Amount Of Bid For Entire Project :

B.M. #2: RR SPIKE SET IN ROOT OF 15" MAPLE, 178.34' LT. OF STA. 19+29.05 -L-, EL. 693.11



LOCATION SKETCH

NOTES:

- ASSUMED LIVE LOAD = HL 93 OR ALTERNATE LOADING.
- FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.
- FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.
- THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
- THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.
- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH "HEC 18-EVALUATING SCOUR AT BRIDGES."
- INASMUCH AS THE PAINT SYSTEM ON THE EXISTING STRUCTURAL STEEL CONTAINS LEAD, THE CONTRATOR'S ATTENTION IS DIRECTED TO ARTICLE 107-1 OF THE STANDARD SPECIFICATIONS. ANY COSTS RESULTING FROM COMPLIANCE WITH APPLICABLE STATE FOR FEDERAL REGULATIONS PERTAINING TO HANDLING OF MATERIALS CONTAINING LEAD BASED PAINT SHALL BE INCLUDED IN THE BID PRICE FOR "REMOVAL OF EXISTING STRUCTURE AT STA. 14+96.00 -L-."
- AFTER SERVING AS A TEMPORARY STRUCTURE, THE EXISTING STRUCTURE CONSISTING OF 7 SPANS (7 @ 50'-0") WITH ASPHALT WEARING SURFACE ON STEEL PLATE GIRDERS AND A CLEAR ROADWAY WIDTH OF 24'-0" ON REINFORCED CONCRETE CAPS WITH STEEL PILES ON END BENTS AND REINFORCED CONCRETE CAPS WITH REINFORCED CONCRETE COLUMNS WITH STRUTS ON FOOTINGS AND STEEL PILES AT INTERIOR BENTS AND LOCATED AT THE SITE OF THE PROPOSED STRUCTURE SHALL BE REMOVED IN IT'S ENTIRETY. THE EXISTING BRIDGE IS PRESENTLY POSTED FOR LOAD LIMIT. SHOULD THE STRUCTURAL INTEGRITY OF THE BRIDGE DETERIORATE DURING CONSTRUCTION OF THE PROPOSED BRIDGE, A LOAD LIMIT MAY BE REDUCED AS FOUND NECESSARY DURING THE LIFE OF THE PROJECT.
- THE SUBSTRUCTURE OF THE EXISTING BRIDGE INDICATED ON THE PLANS IS FROM THE BEST INFORMATION AVAILABLE. 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.
- 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 MATERIAL SHOWN IN THE CROSS-HATCHED AREA ON SHEET S-1 SHALL BE EXCAVATED FOR A DISTANCE OF 65 FT. EACH SIDE OF THE CENTERLINE ROADWAY AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE EXCAVATION. SEE SECTION 412 OF THE STANDARD SPECIFICATIONS.
- REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.
- THE CLASS AA CONCRETE IN THE BRIDGE DECK SHALL CONTAIN FLY ASH OR GROUND GRANULATED BLAST FURNACE SLAG AT THE SUBSTITUTION RATE SPECIFIED IN ARTICLE 1024-1 AND IN ACCORDANCE WITH ARTICLES 1024-5 AND 1024-6 OF THE STANDARD SPECIFICATIONS. NO PAYMENT WILL BE MADE FOR THIS SUBSTITUTION AS IT IS CONSIDERED INCIDENTAL TO THE COST OF THE REINFORCED CONCRETE DECK SLAB.
- NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.
- TEMPORARY SHORING WILL BE REQUIRED IN THE AREAS INDICATED IN THE PLAN VIEW.
- 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.
- FOR ASBESTOS ASSESSMENT, SEE SPECIAL PROVISIONS.
- FOR FOUNDATION NOTES, SEE "PILE AND DRILLED PIER FOUNDATION TABLES" SHEET.
- FOR LIMITS OF TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE TRAFFIC CONTROL PLANS. FOR PAY ITEM FOR TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE ROADWAY PLANS.
- 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 STA. 14+96.00 -L-.

TOTAL BILL OF MATERIAL

	CONSTRUCTION, MAINTENANCE & REMOVAL OF TEMPORARY ACCESS AT STA. 14+96.00 -L-	REMOVAL OF EXISTING STRUCTURE AT STA. 14+96.00 -L-	ASBESTOS ASSESSMENT	4'-0" Ø DRILLED PIER	PERMANENT STEEL CASING FOR 4'-0" Ø DRILLED PIER	CSL TESTING	UNCLASSIFIED STRUCTURE EXCAVATION AT STA. 14+96.00 -L-	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE
	LUMP SUM	LUMP SUM	LUMP SUM	LIN. FT.	LIN. FT.	EACH	LUMP SUM	SQ. FEET	SQ. FEET	CU. YDS.
SUPERSTRUCTURE	LUMP SUM	LUMP SUM						17,050	13,836	
END BENT 1										34.3
BENT 1				64.5	24					61.1
BENT 2				79.5	18					53.2
END BENT 2										34.0
TOTAL	LUMP SUM	LUMP SUM	LUMP SUM	144.0	42	1	LUMP SUM	17,050	13,836	182.6

TOTAL BILL OF MATERIAL

	BRIDGE APPROACH SLABS AT STA. 14+96.00 -L-	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	FIB 63" PRESTRESSED CONCRETE GIRDERS	PILE DRIVING EQUIPMENT SETUP FOR HP 12 X 53 STEEL PILES	HP 12 X 53 STEEL PILES	TWO BAR METAL RAIL	1'-2" X 3'-3" CONCRETE PARAPET	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS	INSTALL 6" Ø SEWER PIPE AT STA. 14+96.00 -L-	
	LUMP SUM	LBS.	LBS.	LIN. FT.	EACH	NO.	LIN. FT.	LIN. FT.	LIN. FT.	TON	SQ. YDS.	LUMP SUM	LUMP SUM
SUPERSTRUCTURE				1856.24			729.67	744.67					
END BENT 1		4,691			12	12	300.0			506	561		
BENT 1		12,576	3,287										
BENT 2		12,253	3,065										
END BENT 2		4,619			12	12	360.0			410	456		
TOTAL	LUMP SUM	34,139	6,352	1856.24	24	24	660.0	729.67	744.67	916	1,017	LUMP SUM	LUMP SUM

PROJECT NO. B-5766
STOKES COUNTY
 STATION: 14+96.00 -L-

SHEET 4 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE ON SR 1674
 OVER DAN RIVER BETWEEN
 NC 8 / NC 89 AND
 MORATOCK PARK ENTRANCE

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

MI ENGINEERING
 1011 SCHAUB DRIVE, SUITE 100
 RALEIGH, NC 27606
 (919) 851-6606
 FIRM PE NUMBER : P-0671

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-4
1			3			TOTAL SHEETS
2			4			60

DRAWN BY: <u>B.E. LANNING</u>	DATE: <u>07/2024</u>
CHECKED BY: <u>J.I. BREWER</u>	DATE: <u>07/2024</u>
DESIGN ENGINEER OF RECORD: <u>J.I. BREWER</u>	DATE: <u>10/2024</u>

2/6/2025 2:22:22 PM Jlsr-oein01m File: N:\NC Br\loges\M21018.RKA-Stokes 82 Br. Rep\B-5766\Structure\401_007_B5766_SML_G004_840082.dgn