

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

October 12, 2021

Addendum No. 1
RE: Contract # C204446
WBS # 38443.3.3
STATE FUNDED

Davidson, Rowan and Stanly Counties (B-4626)
BRIDGES #3 AND #8 OVER YADKIN RIVER AND WINSTON-SALEM
SOUTHBOND RAILROAD ON NC-49

October 19, 2021 Letting

To Whom It May Concern:

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

The following revisions have been made to the Structure plans.

Sheet No.	Revision
S1-8	Total Bill of Material revised to reflect quantity change shown 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.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 10-12-2021"
G-4	Project Special provision entitled <u>SPECIALTY ITEMS</u> revised to remove Bridge Painting

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



Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968
Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

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

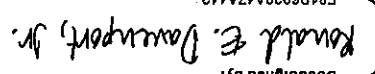
Item	Description	Old Quantity	New Quantity
0133-8182000000-E-420	CLASS A CONCRETE (BRIDGE)	1,756.1 CY	444.4 CY
0137-8294000000-N-442	PAINTING OF STRUCTURAL STEEL	LUMP SUM	DELETED

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,

Designated by:

 Ronald E. Davenport, Jr., PE
F81B8038A47A442...

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

RED/jjr

Attachments

cc: Mr. Lamar Sylvester, PE
 Mr. Pat Ivey, PE
 Mr. Brett D. Canipe, PE
 Mr. Boyd Tharrington, PE
 Mr. Jon Weathersbee, PE
 Mr. Ken Kennedy, PE
 Project File (2)

Mr. Forrest Dungan, PE
 Ms. Jaci Kincaid
 Ms. Lori Strickland
 Mr. Mike Gwyn
 Ms. Penny Higgins
 Mr. Kyle Kempf

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

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 10-12-2021

DATE AND TIME OF BID OPENING: OCTOBER 19, 2021 AT 2:00 PM

CONTRACT ID C204446
WBS 38443.3.3

FEDERAL-AID NO. STATE FUNDED

COUNTY DAVIDSON, ROWAN, STANLY

T.I.P. NO. B-4626

MILES 1.136

ROUTE NO. NC 49

LOCATION BRIDGES #3 AND #8 OVER YADKIN RIVER AND WINSTON-SALEM
SOUTHBOUND RAILROAD ON NC-49.

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

SPECIALTY ITEMS:

(7-1-95)(Rev. 7-20-21)

108-6

SP1 G37

Items listed below will be the specialty items for this contract (see Article 108-6 of the 2018 Standard Specifications).

Line #	Description
51-57	Guardrail
61-66	Signing
80-83, 91	Long-Life Pavement Markings
92-93	Permanent Pavement Markers
94-124	Erosion Control
154, 160 or 161	Polymer Concrete Overlay

FUEL PRICE ADJUSTMENT:

(11-15-05) (Rev. 7-20-21)

109-8

SP1 G43

Revise the 2018 Standard Specifications as follows:

Page 1-87, Article 109-8, Fuel Price Adjustments, add the following:

The base index price for DIBSEL #2 FUEL is \$ 2.1926 per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Class IV Subgrade Stabilization	Gal/Ton	0.55
Aggregate Base Course	Gal/Ton	0.55
Sub-Ballast	Gal/Ton	0.55
Asphalt Concrete Base Course, Type	Gal/Ton	0.90 or 2.90
Asphalt Concrete Intermediate Course, Type	Gal/Ton	0.90 or 2.90
Asphalt Concrete Surface Course, Type	Gal/Ton	0.90 or 2.90
Open-Graded Asphalt Friction Course	Gal/Ton	0.90 or 2.90
Permeable Asphalt Drainage Course, Type	Gal/Ton	0.90 or 2.90
Sand Asphalt Surface Course, Type	Gal/Ton	0.90 or 2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
" Portland Cement Concrete Pavement	Gal/SY	0.245
Concrete Shoulders Adjacent to " Pavement	Gal/SY	0.245

Line # Item Number Sec # Description Quantity Unit Cost Amount

ROADWAY ITEMS

0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM DRILLED ORIFICE PLATE AND TRASH RACK	EA	1	
0004	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM POLYMER CONCRETE CLEANOUT BOXES	EA	1	
0005	0000920000-E	SP	GENERIC MISCELLANEOUS ITEM BIOSWALE FILTRATION MEDIA	CY	90	
0006	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM BIOSWALE UNDERDRAIN PIPE	LF	300	
0007	0000960000-E	SP	GENERIC MISCELLANEOUS ITEM POLYPROPYLENE NONWOVEN GEO- TEXTILE FABRIC	SY	250	
0008	0000995000-E	SP	GENERIC MISCELLANEOUS ITEM NO 57 STONE, WASHED	TON	50	
0009	0028000000-N	SP	TYPE I STANDARD APPROACH FILL STATION ***** (45+22.65 -EBL-)	Lump Sum	L.S.	
0010	0043000000-N	226	GRADING	Lump Sum	L.S.	
0011	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB- BING	ACR	1	
0012	0057000000-E	226	UNDERCUT EXCAVATION	CY	500	
0013	0195000000-E	265	SELECT GRANULAR MATERIAL	CY	400	
0014	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZA- TION	SY	1,100	
0015	0318000000-E	300	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	TON	40	
0016	0320000000-E	300	FOUNDATION CONDITIONING GEO- TEXTILE	SY	100	

County : Davidson, Rowan, Stanly

Line Item Number # Sec Description Quantity Unit Cost Amount

0017	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	8	LF	
0018	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	148	LF	
0019	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	16	LF	
0020	0582000000-E	310	15" CS PIPE CULVERTS, 0.064" THICK	48	LF	
0021	0588000000-E	310	18" CS PIPE CULVERTS, 0.064" THICK	76	LF	
0022	0636000000-E	310	**CS PIPE ELBOWS, ***** THICK (18", 0.064")	2	EA	
0023	0995000000-E	340	PIPE REMOVAL	29	LF	
0024	0996000000-N	350	PIPE CLEAN OUT	3	EA	
0026	1099500000-E	505	SHALLOW UNDERCUT	200	CY	
0026	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	400	TON	
0027	1121000000-E	520	AGGREGATE BASE COURSE	400	TON	
0028	1220000000-E	545	INCIDENTAL STONE BASE	50	TON	
0029	1275000000-E	600	PRIME COAT	330	GAL	
0030	1330000000-E	607	INCIDENTAL MILLING	870	SY	
0031	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	1,060	TON	
0032	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE H9.0C	550	TON	
0033	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	5,720	TON	
0034	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	460	TON	

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
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0035	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	25	TON	
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0036	2022000000-E	815	SUBDRAIN EXCAVATION	112	CY	
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0037	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	500	SY	
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0038	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	84	CY	
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0039	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	500	LF	
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0040	2070000000-N	815	SUBDRAIN PIPE OUTLET	1	EA	
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0041	2077000000-E	815	6" OUTLET PIPE	6	LF	
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0042	2253000000-E	840	PIPE COLLARS	0.553	CY	
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0043	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	10	EA	
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0044	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	2.2	LF	
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0045	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	6	EA	
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0046	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	1	EA	
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0047	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	3	EA	
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0048	2396000000-N	840	FRAME WITH COVER, STD 840.54	1	EA	
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0049	2556000000-E	846	SHOULDER BERM GUTTER	20	LF	
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0050	2905000000-N	859	CONVERT EXISTING DROP INLET TO JUNCTION BOX	1	EA	
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0051	3030000000-E	862	STEEL BEAM GUARDRAIL	2,600	LF	
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0052	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	10	EA	
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0053	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	2	EA	
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Line #	Item Number	Description	Quantity	Unit Cost	Amount
0054	3287000000-N	SP GUARDRAIL END UNITS, TYPE TL-3	10	EA	
0055	3317000000-N	SP GUARDRAIL ANCHOR UNITS, TYPE B-77	8	EA	
0056	3360000000-E	863 REMOVE EXISTING GUARDRAIL	2,900	LF	
0057	3595000000-E	869 RELAPING GUARDRAIL	450	LF	
0058	3628000000-E	876 RIP RAP, CLASS I	75	TON	
0059	3649000000-E	876 RIP RAP, CLASS B	25	TON	
0060	3656000000-E	876 GEOTEXTILE FOR DRAINAGE	620	SY	
0061	4072000000-E	903 SUPPORTS, 3-LB STEEL U-CHANNEL	830	LF	
0062	4096000000-N	904 SIGN ERECTION, TYPE D	8	EA	
0063	4102000000-N	904 SIGN ERECTION, TYPE E	32	EA	
0064	4116100000-N	904 SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	1	EA	
0065	4155000000-N	907 DISPOSAL OF SIGN SYSTEM, U-CHANNEL	33	EA	
0066	4238000000-N	907 DISPOSAL OF SIGN, D, E OR F	1	EA	
0067	4400000000-E	1110 WORK ZONE SIGNS (STATIONARY)	88	SF	
0068	4405000000-E	1110 WORK ZONE SIGNS (PORTABLE)	384	SF	
0069	4410000000-E	1110 WORK ZONE SIGNS (BARRICADE MOUNTED)	92	SF	
0070	4415000000-N	1115 FLASHING ARROW BOARD	2	EA	
0071	4420000000-N	1120 PORTABLE CHANGEABLE MESSAGE SIGN	2	EA	
0072	4430000000-N	1130 DRUMS	174	EA	

Line # Item Number # Sec Description Quantity Unit Cost Amount

0073	4435000000-N	1135	CONES	26	EA	
0074	4445000000-E	1145	BARRICADES (TYPE III)	72	LF	
0075	4455000000-N	1150	FLAGGER	21	DAY	
0076	4480000000-N	1165	TMA	2	EA	
0077	4510000000-N	1190	LAW ENFORCEMENT	9	HR	
0078	4516000000-N	1180	SKINNY DRUM	26	EA	
0079	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	194	EA	
0080	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	26,892	LF	
0081	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	254	LF	
0082	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	17	EA	
0083	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	4,928	LF	
0084	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	81,400	LF	
0085	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	810	LF	
0086	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	184	LF	
0087	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	46	EA	
0088	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	14,819	LF	
0089	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	521	LF	
0090	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	17	EA	

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
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0091	4891000000-E	1205	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	42	LF	
0092	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	48	EA	
0093	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	27	EA	
0094	6000000000-E	1605	TEMPORARY SILT FENCE	1,000	LF	
0095	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	555	TON	
0096	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	510	TON	
0097	6012000000-E	1610	SEDIMENT CONTROL STONE	520	TON	
0098	6015000000-E	1615	TEMPORARY MULCHING	1.5	ACR	
0099	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	200	LB	
0100	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	2	TON	
0101	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200	LF	
0102	6029000000-E	SP	SAFETY FENCE	3,400	LF	
0103	6030000000-E	1630	SILT EXCAVATION	1,280	CY	
0104	6036000000-E	1631	MATTING FOR EROSION CONTROL	5,500	SY	
0105	6037000000-E	SP	COIR FIBER MAT	100	SY	
0106	6042000000-E	1632	1/4" HARDWARE CLOTH	150	LF	
0107	6045000000-E	SP	*** TEMPORARY PIPE (15")	15	LF	
0108	6048000000-E	SP	FLOATING TURBIDITY CURTAIN	625	SY	

Line #	Item Number	Description	Quantity	Unit Cost	Amount
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0109	6071012000-E	COIR FIBER WATTLE	200	LF	
0110	6071020000-E	POLYACRYLAMIDE (PAM)	185	LB	
0111	6071030000-E	COIR FIBER BAFFLE	185	LF	
0112	6071050000-E	*** SKIMMER (1")	1	EA	
0113	6071050000-E	*** SKIMMER (1-1/2")	1	EA	
0114	6084000000-E	SEEDING & MULCHING	1.5	ACR	
0115	6087000000-E	MOWING	1.5	ACR	
0116	6090000000-E	SEED FOR REPAIR SEEDING	50	LB	
0117	6093000000-E	FERTILIZER FOR REPAIR SEEDING	0.25	TON	
0118	6096000000-E	SEED FOR SUPPLEMENTAL SEEDING	50	LB	
0119	6108000000-E	FERTILIZER TOPDRESSING	1	TON	
0120	6114500000-N	SPECIALIZED HAND MOWING	10	MHR	
0121	6117000000-N	RESPONSE FOR EROSION CONTROL	25	EA	
0122	6117500000-N	CONCRETE WASHOUT STRUCTURE	4	EA	
0123	6132000000-N	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE	4	EA	
0124	6132000000-N	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	8	EA	
STRUCTURE ITEMS					
0125	2264000000-E	PIPE PLUGS	840		0.2 CY

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
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0126	5836000000-E	1540	24" ENCASEMENT PIPE	69	LF	
0127	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (45+22.65 -EBL-)	Lump Sum	L.S.	
0128	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (45+22.65 -EBL-)	Lump Sum	L.S.	
0129	8065000000-N	SP	ASBESTOS ASSESSMENT	Lump Sum	L.S.	
0130	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (45+22.65 -EBL-)	Lump Sum	L.S.	
0131	8147000000-E	420	REINFORCED CONCRETE DECK SLAB	43,161	SF	
0132	8161000000-E	420	GROOVING BRIDGE FLOORS	70,340	SF	
0133	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	444.4	CY	
0134	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (45+22.65 -EBL-)	Lump Sum	L.S.	
0135	8217000000-E	425	REINFORCING STEEL (BRIDGE)	80,396	LB	
0136	8280000000-E	440	APPROX LBS STRUCTURAL STEEL	1,169,400	LS	
0138	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	12	EA	
0139	8364000000-E	450	HP12X53 STEEL PILES	420	LF	
0140	8391000000-N	450	STEEL PILE POINTS	6	EA	
0141	8503000000-E	460	CONCRETE BARRIER RAIL	2,238.34	LF	
0142	8559000000-E	SP	CLASS II, SURFACE PREPARATION	65.8	SY	
0143	8608000000-E	876	RIP RAP CLASS II (2'-0" THICK)	740	TON	

Line #	Item Number	Description	Quantity	Unit Cost	Amount
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0144	8622000000-E	876 GEOTEXTILE FOR DRAINAGE	825	SY	
0145	8657000000-N	430 ELASTOMERIC BEARINGS	Lump Sum	L.S.	

0146	8664000000-E	SP SHOTCRETE REPAIRS	119.1	CF	
0147	8678000000-E	SP EPOXY RESIN INJECTION	7	LF	

0148	8860000000-N	SP FIELD MEASURING	Lump Sum	L.S.	
0149	8860000000-N	SP STRIP SEAL EXPANSION JOINTS	Lump Sum	L.S.	

0150	8867000000-E	SP CLEAN BRIDGE DECK DRAINAGE SYSTEM	900	LF	
0151	8867000000-E	SP FOAM JOINT SEALS FOR PRESERVATION	69.5	LF	

0152	8892000000-E	SP TOP OF CAP EPOXY COATINGS	494	SF	
0153	8893000000-E	SP CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY	7.3	SY	

0154	8893000000-E	SP PLACING & FINISHING POLYMER CONCRETE OVERLAY	3,959	SY	
0155	8893000000-E	SP SCARIFYING BRIDGE DECK	3,959	SY	

0156	8893000000-E	SP SHOTBLASTING BRIDGE DECK	3,959	SY	
0157	8897000000-N	SP BEAM END EPOXY COATINGS	30	EA	

0158	8897000000-N	SP BEARING KEEPER PLATE	10	EA	
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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
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0159	8897000000-N	SP	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE NO 790008	10	EA	
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***** BEGIN SCHEDULE AA *****
***** (2 ALTERNATES) *****

0160	8881000000-E	SP	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS	119	CY	
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*** OR ***

0161	8881000000-E	SP	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS	119	CY	
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***** END SCHEDULE AA *****

1544/Oct11/Q1548853.143/D726393797000/E160 Total Amount Of Bid For Entire Project :

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 SM.
 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.
 REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.
 THE RAILROAD TRACK TOP OF RAIL ELEVATIONS ON THE PLANS ARE FROM THE BEST INFORMATION AVAILABLE. PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE TOP OF RAIL ELEVATIONS AND REPORT ANY VARIATIONS TO THE ENGINEER. ANY PLAN REVISIONS NECESSARY TO ACHIEVE THE REQUIRED MINIMUM CLEARANCE WILL BE PROVIDED BY THE DEPARTMENT.
 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 45+22.65 - EBL-".
 ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 50W AND PAINTED IN ACCORDANCE WITH SYSTEM 6 OF THE STRUCTURAL STEEL SHOP COATING PROGRAM AND SECTION 442-8 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
 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.
 THE MATERIAL SHOWN IN THE CROSS-HATCHED AREA SHALL BE EXCAVATED FOR A DISTANCE OF 30 FT EACH SIDE OF CENTERLINE ROADWAY 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.
 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.

NOTES:

PARTIAL 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.
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS.
 THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT THE EXISTING STRUCTURE WHICH IS TO REMAIN IN PLACE WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY PART OF THE EXISTING STRUCTURE WHICH IS TO REMAIN IN PLACE, THE DAMAGED AREA SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.
 ANY DAMAGE TO EXISTING REINFORCING STEEL THAT IS TO REMAIN IN PLACE DURING THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AND PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT.
 ALL PAVEMENT MARKING WILL BE IN ACCORDANCE WITH THE TRANSPORTATION MANAGEMENT PLANS.
 FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.
 FOR ASBESTOS ASSESSMENT FOR BRIDGE DEMOLITION AND RENOVATION ACTIVITIES, SEE SPECIAL PROVISIONS.
 FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.
 FOR WORK IN, OVER OR ADJACENT TO NAVIGABLE WATERS, SEE SPECIAL PROVISIONS.
 FOR NAVIGATIONAL SAFETY PLAN, SEE SPECIAL PROVISIONS.
 FOR SECURING OF VESSELS, SEE SPECIAL PROVISIONS.
 FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.
 FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.
 FOR STRIP SEALS, 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 45+22.65 - EBL-".

	PLUGS	PIPE ENCASEMENT	CONSTRUCTION, MAINTENANCE & REMOVAL OF EXISTING STRUCTURE	ASBESTOS ASSESSMENT	UNCLASSIFIED STRUCTURE EXCAVATION	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE CONCRETE	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	LBS.	LUMP SUM	CU. YDS.	SO. FT.	SO. FT.	SO. FT.	EA.	EA.	EA.	TONS	SO. YDS.	LUMP SUM	CU. FT.	LIN. FT.	LUMP SUM
TOTAL	0.2	69.0	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	37,960	444.4	43,161	43,161	37,960	43,161	4,702	330.0	2,238.34	290	325	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM
END BENT 1	0.1	34.0	-	-	-	-	-	-	-	-	35.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 1	-	-	-	-	-	-	-	-	-	-	3,891	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 2	-	-	-	-	-	-	-	-	-	-	3,891	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 3	-	-	-	-	-	-	-	-	-	-	3,891	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 4	-	-	-	-	-	-	-	-	-	-	3,891	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 5	-	-	-	-	-	-	-	-	-	-	8,590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 6	-	-	-	-	-	-	-	-	-	-	11,345	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 7	-	-	-	-	-	-	-	-	-	-	53.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 8	-	-	-	-	-	-	-	-	-	-	8,590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 9	-	-	-	-	-	-	-	-	-	-	3,891	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 10	-	-	-	-	-	-	-	-	-	-	3,891	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 11	-	-	-	-	-	-	-	-	-	-	3,891	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENT 12	-	-	-	-	-	-	-	-	-	-	4,202	-	-	-	-	-	-	-	-	-	-	-	-	-	-
END BENT 2	0.1	35.0	-	-	-	-	-	-	-	-	37.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.2	69.0	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	37,960	444.4	43,161	43,161	37,960	43,161	4,702	330.0	2,238.34	290	325	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM

GENERAL DRAWING

DEPARTMENT OF TRANSPORTATION
STATE OF NORTH CAROLINA
RALEIGH

BILL OF MATERIAL AND GENERAL NOTES

SHEET 8 OF 8

SHEET NO. S1-8

TOTAL SHEETS 125

PROJECT NO. B-4626

AND DAVIDSON COUNTY

STANLY, ROWAN

STATION: 45+22.65 - EBL-

REVISIONS

NO.	BY	DATE	NO.	BY	DATE

10/11/2021

DESIGNED BY: R. NELSON

SEAL & SIGNATURE OF ENGINEER

NO. 020208

NORTH CAROLINA PROFESSIONAL ENGINEER

Gannett Fleming

One Greenwood Avenue
Suite 900
Raleigh, NC 27603
(919) 420-7660
NC Lic. No. F-0270

EXCELLENCE DELIVERED AS PROMISED

PLANS PREPARED BY:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:

DESIGNED BY: R. NELSON

SEAL & SIGNATURE OF ENGINEER

NO. 020208

NORTH CAROLINA PROFESSIONAL ENGINEER