



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

March 26, 2021

Contract No.: DL00208  
WBS No.: DF16012.2023801  
TIP No.: None  
F.A. No.: None  
County: Cleveland  
Description: Replacing Bridge # 72 on SR 2226  
Let Date: April 13, 2021

**RE: Addendum #1 to Contract DL00208.**

To Whom It May Concern:

This letter is to advise all prospective bidders of the following contract changes:

- Structure Plan Sheet S-03 has been revised.
- The quantity for bid item no. 78 – Vertical Concrete Barrier Rail has been increased from 200 linear feet to 600 linear feet.

Please replace Plan Sheet S-03 and the proposal bid sheet with the attached pages. Updates will be made to the electronic bidding site to reflect these changes.

To bid electronically you must apply the addendum file which can be downloaded along with the original .ebxs file from the current electronic bidding provider website (bidx.com). To apply the addendum download the addendum file to the same location where the original .ebxs file is located.

Project Bids will not allow the bid to be submitted unless the addendum is acknowledged. Please contact Greg Brittain at 980-552-4222 or at [gbrittain@ncdot.gov](mailto:gbrittain@ncdot.gov) with any questions.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
DIVISION 12  
PO BOX 47  
SHELBY, NC 28151-0047

*Telephone:* (980) 552-4200  
*Fax:* (704) 480-5401  
*Courier:* 06-53-03  
*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
1710 E. MARION STREET  
SHELBY, NC 28152

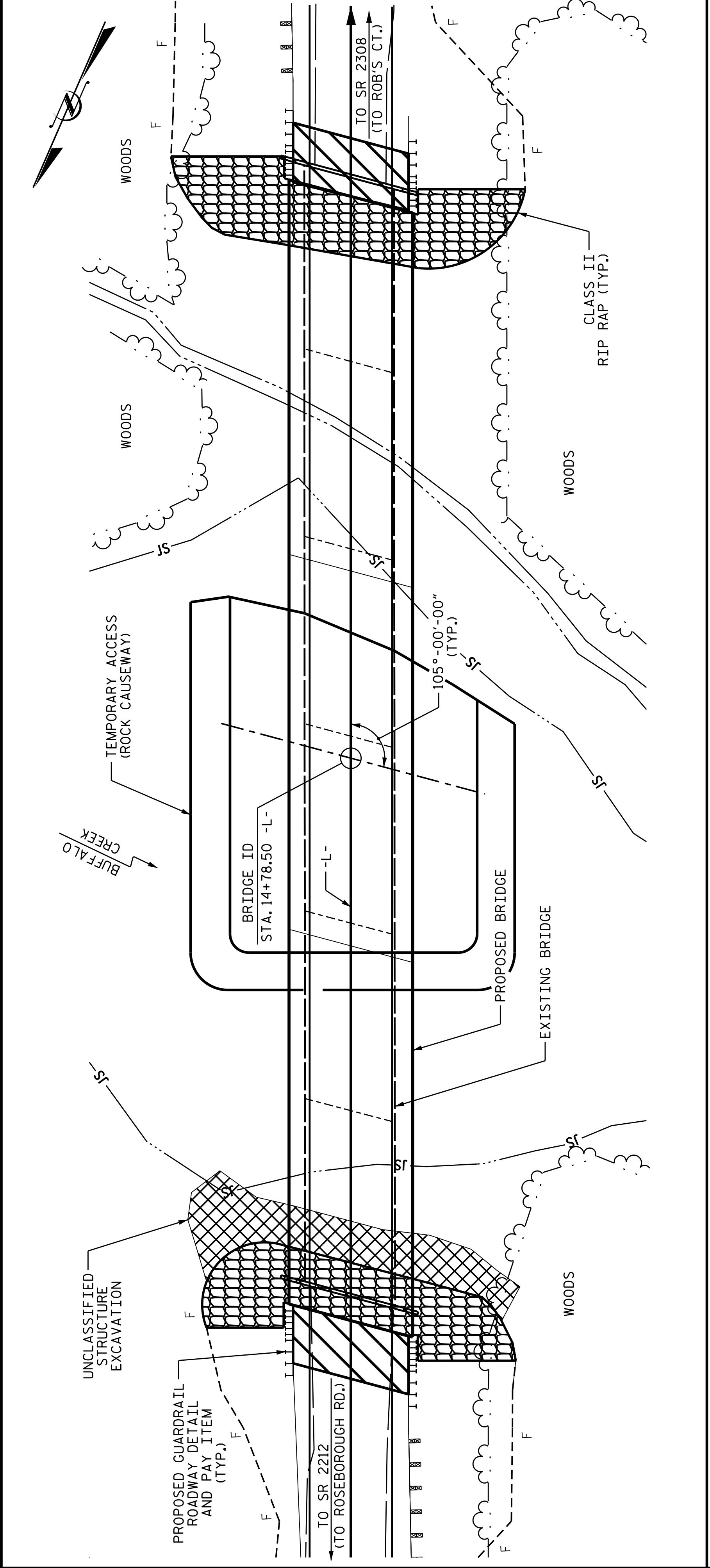
Sincerely,

A handwritten signature in black ink that reads "Mark E. Stafford". The signature is written in a cursive, slightly slanted style.

Mark E. Stafford, P.E.  
Division Engineer

Cc: Larry Carpenter, PE, Division Construction Engineer  
Michael Poe, PE, Division Project Development Engineer  
Jackie McSwain, Division Team Lead  
Blake Guffey, District Engineer

BENCHMARK 1: BENCH TIE SPIKE IN 16" POPLAR, 36.17' LEFT OF STA. 19+78 -L-, ELEV 615.77



LOCATION SKETCH

TOTAL BILL OF MATERIAL

	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA 14+78.50	REMOVAL OF EXISTING STRUCTURE	SPIRAL COLUMN REINFORCING STEEL	REINFORCING STEEL	BRIDGE APPROACH SLABS	PILE DRIVING EQUIPMENT SETUP FOR HP 12 X 53 STEEL PILES	HP 12 X 53 STEEL PILES	STEEL PILES POINTS	VERTICAL CONCRETE BARRIER RAIL	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS	UNCLASSIFIED STRUCTURE EXCAVATION	CLASS A CONCRETE
	LUMP SUM	LUMP SUM	LBS.	LBS.	LUMP SUM	EA.	NO.	EA.	LIN. FT.	TON	SO. YD.	LUMP SUM	LUMP SUM	CU. YDS.
SUPERSTRUCTURE														
END BENT 1						7	7	7	600.0	260	290			29.7
BENT 1			4,699	11,445			140							42.9
BENT 2				11,360			210	7		275	305			37.1
END BENT 2			4,699			7	7	7						29.7
TOTAL			32,203	34,250		14	350	14	600.0	535	595			139.4

TOTAL BILL OF MATERIAL

	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA 14+78.50	REMOVAL OF EXISTING STRUCTURE	SPIRAL COLUMN REINFORCING STEEL	REINFORCING STEEL	BRIDGE APPROACH SLABS	PILE DRIVING EQUIPMENT SETUP FOR HP 12 X 53 STEEL PILES	HP 12 X 53 STEEL PILES	STEEL PILES POINTS	VERTICAL CONCRETE BARRIER RAIL	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS	UNCLASSIFIED STRUCTURE EXCAVATION	CLASS A CONCRETE
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DRAWN BY : M.G. SHAIKH DATE : 01/2021  
 CHECKED BY : H. LOCKLEAR DATE : 01/2021  
 DESIGN ENGINEER OF RECORD: H. LOCKLEAR DATE : 02/2021

22-MAR-2021 2:20:11 PM  
 C:\Users\H. Locklear\OneDrive\400...007\_DF16012\_202380\_ 60\_003\_220072.dgn  
 gcofile

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.  
 REMOVAL OF THE EXISTING BRIDGE SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL INTO THE WATER. THE CONTRACTOR SHALL REMOVE THE BRIDGE AND SUBMIT PLANS FOR DEMOLITION IN ACCORDANCE WITH ARTICLE 402-2 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.  
 THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH "HEC 18, EVALUATING SCOUR AT BRIDGES".  
 THE EXISTING STRUCTURE CONSISTING OF 6 SPANS @ 50'-0" WITH REINFORCED CONCRETE FLOOR ON 4 LINES OF I-BEAMS @ 7 FT. CTS. SUPERSTRUCTURE WITH CLEAR ROADWAY OF 24.0 FT. ON A SUBSTRUCTURE CONSISTING OF REINFORCED CONCRETE CAPS AND PPC PILES AND LOCATED AT THE PROPOSED STRUCTURE LOCATION SHALL BE REMOVED.  
 THE MATERIAL SHOWN IN THE CROSS-HATCHED AREA SHALL BE EXCAVATED FOR A DISTANCE OF 45.0 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.  
 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 FOR BRIDGE DEMOLITION AND RENOVATION ACTIVITIES, SEE SPECIAL PROVISIONS.  
 THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.  
 FOR MAINTENANCE OF TRAFFIC, SEE TRAFFIC CONTROL PLANS.  
 ASPHALT WEARING SURFACE IS INCLUDED IN ROADWAY QUANTITY ON ROADWAY PLANS.

HYDRAULIC DATA

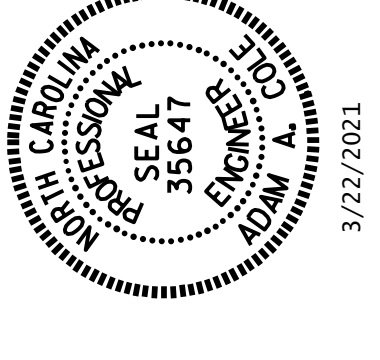
DESIGN DISCHARGE 11400 C.F.S.  
 FREQUENCY OF DESIGN FLOOD 25 YRS.  
 DESIGN HIGH WATER ELEVATION 605.6 FT.  
 DRAINAGE AREA 155.0 SQ.MI.  
 BASE DISCHARGE (Q100) 15500 C.F.S.  
 BASE HIGH WATER ELEVATION 607.3 FT.

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE N/A C.F.S.  
 FREQUENCY OF OVERTOPPING FLOOD 500+ YRS.  
 OVERTOPPING FLOOD ELEVATION 614.8 FT.  
 OVERTOPPING OCCURS AT -L- STA 17+20.60

PROJECT NO. DF16012-2023801  
 CLEVELAND COUNTY  
 STATION: 14+78.50 -L-  
 SHEET 3 OF 3

Developed by:



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 PRELIMINARY  
 GENERAL DRAWING  
 FOR BRIDGE OVER  
 BUFFALO CREEK  
 ON SR 2212 BETWEEN  
 SR 2212 AND SR 2308

NO.		REVISED		SHEET NO.	
BY:	DATE:	NO.	DATE:		
1		3		S-03	
2		4		SHEETS	20

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

County : Cleveland

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0074	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	6,045 LB		
0075	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES 12 X 53	14 EA		
0076	8364000000-E	450	HP12X53 STEEL PILES	350 LF		
0077	8391000000-N	450	STEEL PILE POINTS	14 EA		
0078	8505000000-E	460	VERTICAL CONCRETE BARRIER RAIL	600 LF		
0079	8608000000-E	876	RIP RAP CLASS II (2'-0" THICK)	535 TON		
0080	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	595 SY		
0081	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0082	8753200000-E	430	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS	3,300 LF		
0083	8897000000-N	SP	GENERIC STRUCTURE ITEM DRILLED PIER PILOT BORINGS	4 EA		

0924/Mar26/Q73889.65/D423865882000/E83

Total Amount Of Bid For Entire Project :