STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H JOHNSON
SECRETARY

November 6, 2026

ADDENDUM NUMBER 1

Contract No.:	DK00484
WBS:	50727.3.1, 50728.3.1, 50729.3.1, 50730.3.1
County:	Caldwell County
Location:	Bridge 185, 186, 275, and 317 on SR 1356 (Old Johns River Road) Over Johns River
Type of Work:	Grading, Paving, Drainage, and Structure
Bid Opening:	November 19, 2026

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 number	Revision
S-4	Total bill of material table corrected the cored slabs size to 3'-0" x 1'-9"
S-6	Corrected title block to read 3'-0" x 1'-9" prestressed concrete cored slab unit 90° skew

Please void the above listed Sheets in your plans and staple the revised Sheets thereto.

The following revisions have been made to the proposal.

Page Number	Revision
Proposal Cover	Note added that reads “Includes Addendum No. 1 11-06-2026”

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

Mailing Address:
NC DEPT. OF TRANSPORTATION
DIVISION ELEVEN
P. O. BOX 250
NORTH WILKESBORO, NC 28659

Telephone: (336) 903-9101

Website: www.ncdot.org

Location:
NC DEPT. OF TRANSPORTATION
DIVISION ELEVEN
801 STATESVILLE RD
NORTH WILKESBORO, NC 28659

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

Item	Description	Old Quantity	New Quantity
0133-8755000000-E	3'-0" X 1'-6" PRESTRESSED CONC CORED SLAB	3950 LF	2850 LF
0135-8762000000-E	3'-0" X 1'-9" PRESTRESSED CONC CORED SLAB	0 LF	1100 LF

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.

This Revision is reflected in the Proposal and Plans currently on The Division 11 Letting Page.

The contract will be prepared accordingly.

Sincerely,

Bethany Elmore

Bethany Elmore, PE
Division Contract Engineer

CC: Michael Poe, PE, Division Engineer
Brandon Whitaker, PE, Deputy Division Engineer
Ivan Dishman, PE, Division Construction Engineer
Matthew Evans, PE, Division Maintenance Engineer
Ramie Shaw, PE, Division Program Development Engineer
Travis W. Chrisawn, PE, District Engineer
Lance K Byrd, PE, Resident Engineer

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION 11

INCLUDES ADDENDUM NUMBER 1 DATED 11-06-2026

DATE AND TIME OF BID OPENING: NOVEMBER 19, 2026 AT 2:00 PM

CONTRACT ID: DK00484

WBS ELEMENT NO.: 50727.3.1, 50728.3.1, 50729.3.1, 50730.3.1

FEDERAL AID NO.: FBRG111

COUNTY: CALDWELL COUNTY

TIP NO.: HB-0057, HB-0058, HB-0059, HB-0060

MILES: 0.520

ROUTE NO.: SR 1356 (OLD JOHNS RIVER ROAD)

LOCATION: BRIDGE 185, 186, 275, AND 317 ON SR 1356 (OLD JOHNS RIVER ROAD) OVER JOHNS RIVER

TYPE OF WORK: GRADING, PAVING, DRAINAGE, 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 $40,000 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.

THIS IS A STRUCTURE PROJECT. **BID BOND IS REQUIRED.**

NAME OF BIDDER

ADDRESS OF BIDDER

County: CALDWELL

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	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUBBING	4 ACR		
0005	0057000000-E	226	UNDERCUT EXCAVATION	1,800 CY		
0006	0134000000-E	240	DRAINAGE DITCH EXCAVATION	410 CY		
0007	0195000000-E	265	SELECT GRANULAR MATERIAL	800 CY		
0008	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	600 SY		
0009	0199000000-E	SP	TEMPORARY SHORING	347 SF		
0010	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 12+08.50 -L-	Lump Sum	L.S.	
0011	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 13+74.00 -L-	Lump Sum	L.S.	
0012	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 14+36.00 -L-	Lump Sum	L.S.	
0013	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 17+85.00 -L-	Lump Sum	L.S.	
0014	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	67 TON		
0015	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	174 SY		
0016	0335200000-E	305	15" DRAINAGE PIPE	16 LF		

County: CALDWELL

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0017	0335300000-E	305	18" DRAINAGE PIPE	48 LF		
0018	0342000000-E	310	**" SIDE DRAIN PIPE 12"	75 LF		
0019	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	68 LF		
0020	0449000000-E	310	**" RC PIPE CULVERTS, CLASS V 15"	348 LF		
0021	0995000000-E	340	PIPE REMOVAL	75 LF		
0022	1099500000-E	505	SHALLOW UNDERCUT	200 CY		
0023	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	400 TON		
0024	1121000000-E	520	AGGREGATE BASE COURSE	26 TON		
0025	1220000000-E	545	INCIDENTAL STONE BASE	800 TON		
0026	1330000000-E	607	INCIDENTAL MILLING	510 SY		
0027	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	920 TON		
0028	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	890 TON		
0029	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	102 TON		
0030	2022000000-E	815	SUBDRAIN EXCAVATION	180 CY		
0031	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	800 SY		
0032	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	136 CY		
0033	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	800 LF		

County: CALDWELL

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0034	2077000000-E	815	6" OUTLET PIPE	48 LF		
0035	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	4 EA		
0036	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	4 EA		
0037	2556000000-E	846	SHOULDER BERM GUTTER	140 LF		
0038	2570000000-N	SP	MODIFIED CONCRETE FLUME	4 EA		
0039	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	105 LF		
0040	3001500000-N	SP	IMPACT ATTENUATOR UNITS, TYPE TL-2	1 EA		
0041	3030000000-E	862	STEEL BEAM GUARDRAIL	162.5 LF		
0042	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	37.5 LF		
0043	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	15 EA		
0044	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	16 EA		
0045	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	15 EA		
0046	3635000000-E	876	RIP RAP, CLASS II	58 TON		
0047	3649000000-E	876	RIP RAP, CLASS B	52 TON		
0048	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	2,063 SY		
0049	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	192 SF		
0050	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	384 SF		

County: CALDWELL

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	154 SF		
0052	4424500000-N	SP	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM	1 EA		
0053	4430000000-N	1130	DRUMS	145 EA		
0054	4445000000-E	1145	BARRICADES (TYPE III)	144 LF		
0055	4455000000-N	1150	FLAGGER	90 DAY		
0056	4507000000-E	1170	WATER FILLED BARRIER	318 LF		
0057	4508000000-E	1170	REMOVE AND RESET WATER FILLED BARRIER	105 LF		
0058	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	8,927 LF		
0059	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	20 LF		
0060	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES, 4", 90 MILS	3,000 LF		
0061	6000000000-E	1605	TEMPORARY SILT FENCE	1,970 LF		
0062	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	355 TON		
0063	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	705 TON		
0064	6012000000-E	1610	SEDIMENT CONTROL STONE	800 TON		
0065	6015000000-E	1615	TEMPORARY MULCHING	3.5 ACR		
0066	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	400 LB		
0067	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	2.5 TON		

County: CALDWELL

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0068	6024000000-E	1622	TEMPORARY SLOPE DRAINS	800 LF		
0069	6029000000-E	SP	SAFETY FENCE	1,040 LF		
0070	6030000000-E	1630	SILT EXCAVATION	1,200 CY		
0071	6036000000-E	1631	MATTING FOR EROSION CONTROL	31,020 SY		
0072	6037000000-E	1629	COIR FIBER MAT	400 SY		
0073	6042000000-E	1632	1/4" HARDWARE CLOTH	565 LF		
0074	6048000000-E	SP	FLOATING TURBIDITY CURTAIN	1,270 SY		
0075	6070000000-N	1639	SPECIAL STILLING BASINS	19 EA		
0076	6071002000-E	1642	FLOCCULANT	155 LB		
0077	6071010000-E	1642	WATTLE	210 LF		
0078	6084000000-E	1660	SEEDING & MULCHING	7 ACR		
0079	6087000000-E	1660	MOWING	4.5 ACR		
0080	6090000000-E	1661	SEED FOR REPAIR SEEDING	200 LB		
0081	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	1 TON		
0082	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	200 LB		
0083	6108000000-E	1665	FERTILIZER TOPDRESSING	2 TON		
0084	6111000000-E	SP	IMPERVIOUS DIKE	785 LF		

County: CALDWELL

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0085	6114500000-N	1667	SPECIALIZED HAND MOWING	40 MHR		
0086	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	100 EA		
0087	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	4 EA		
0088	6123000000-E	1670	REFORESTATION	0.4 ACR		
0089	6132000000-N	SP	GENERIC EROSION CONTROL ITEM PRE-FABRICATED CONCRETE WASHOUT	8 EA		
			STRUCTURE ITEMS			
0090	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ********** STA. 12+08.50 -L-	Lump Sum	L.S.	
0091	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ********** STA. 13+74.00 -L-	Lump Sum	L.S.	
0092	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ********** STA. 14+36.00 -L-	Lump Sum	L.S.	
0093	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ********** STA. 17+85.00 -L-	Lump Sum	L.S.	
0094	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ********** STA. 12+08.50 -L-	Lump Sum	L.S.	
0095	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ********** STA. 13+74.00 -L-	Lump Sum	L.S.	
0096	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ********** STA. 14+36.00 -L-	Lump Sum	L.S.	
0097	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ********** STA. 17+85.00 -L-	Lump Sum	L.S.	
0098	8065000000-N	SP	ASBESTOS ASSESSMENT STA. 12+08.50 -L-	Lump Sum	L.S.	

County: CALDWELL

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0099	8065000000-N	SP	ASBESTOS ASSESSMENT STA. 13+74.00 -L-	Lump Sum	L.S.	
0100	8065000000-N	SP	ASBESTOS ASSESSMENT STA. 14+36.00 -L-	Lump Sum	L.S.	
0101	8065000000-N	SP	ASBESTOS ASSESSMENT STA. 17+85.00 -L-	Lump Sum	L.S.	
0102	8096000000-E	450	PILE EXCAVATION IN SOIL	242 LF		
0103	8097000000-E	450	PILE EXCAVATION NOT IN SOIL	158 LF		
0104	8105520000-E	411	3'-0" DIA DRILLED PIERS IN SOIL	137.8 LF		
0105	8105620000-E	411	3'-0" DIA DRILLED PIERS NOT IN SOIL	102.5 LF		
0106	8111200000-E	411	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER	96.6 LF		
0107	8113000000-N	411	SID INSPECTIONS	13 EA		
0108	8115000000-N	411	CSL TESTING	13 EA		
0109	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ******** STA. 12+08.50 -L-	Lump Sum	L.S.	
0110	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ******** STA. 13+74.00 -L-	Lump Sum	L.S.	
0111	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ******** STA. 14+36.00 -L-	Lump Sum	L.S.	
0112	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ******** STA. 17+85.00 -L-	Lump Sum	L.S.	
0113	8156000000-E	SP	CONCRETE WEARING SURFACE	10,618 SF		
0114	8161000000-E	420	GROOVING BRIDGE FLOORS	11,568 SF		

County: CALDWELL

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0115	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	252.6 CY		
0116	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** STA. 12+08.50 -L-	Lump Sum	L.S.	
0117	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** STA. 13+74.00 -L-	Lump Sum	L.S.	
0118	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** STA. 14+36.00 -L-	Lump Sum	L.S.	
0119	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ********** STA. 17+85.00 -L-	Lump Sum	L.S.	
0120	8217000000-E	425	REINFORCING STEEL (BRIDGE)	50,867 LB		
0121	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	4,548 LB		
0122	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES HP 12X53	40 EA		
0123	8364000000-E	450	HP 12 X 53 STEEL PILES	675 LF		
0124	8391000000-N	450	STEEL PILE POINTS	35 EA		
0125	8394000000-N	450	DYNAMIC PILE TESTING	3 EA		
0126	8483000000-E	460	32" ALASKA RAIL	727.71 LF		
0127	8608000000-E	876	RIP RAP CLASS II (2'-0" THICK)	1,210 TON		
0128	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	1,390 SY		
0129	8657000000-N	430	ELASTOMERIC BEARINGS STA. 12+08.50 -L-	Lump Sum	L.S.	
0130	8657000000-N	430	ELASTOMERIC BEARINGS STA. 13+74.00 -L-	Lump Sum	L.S.	

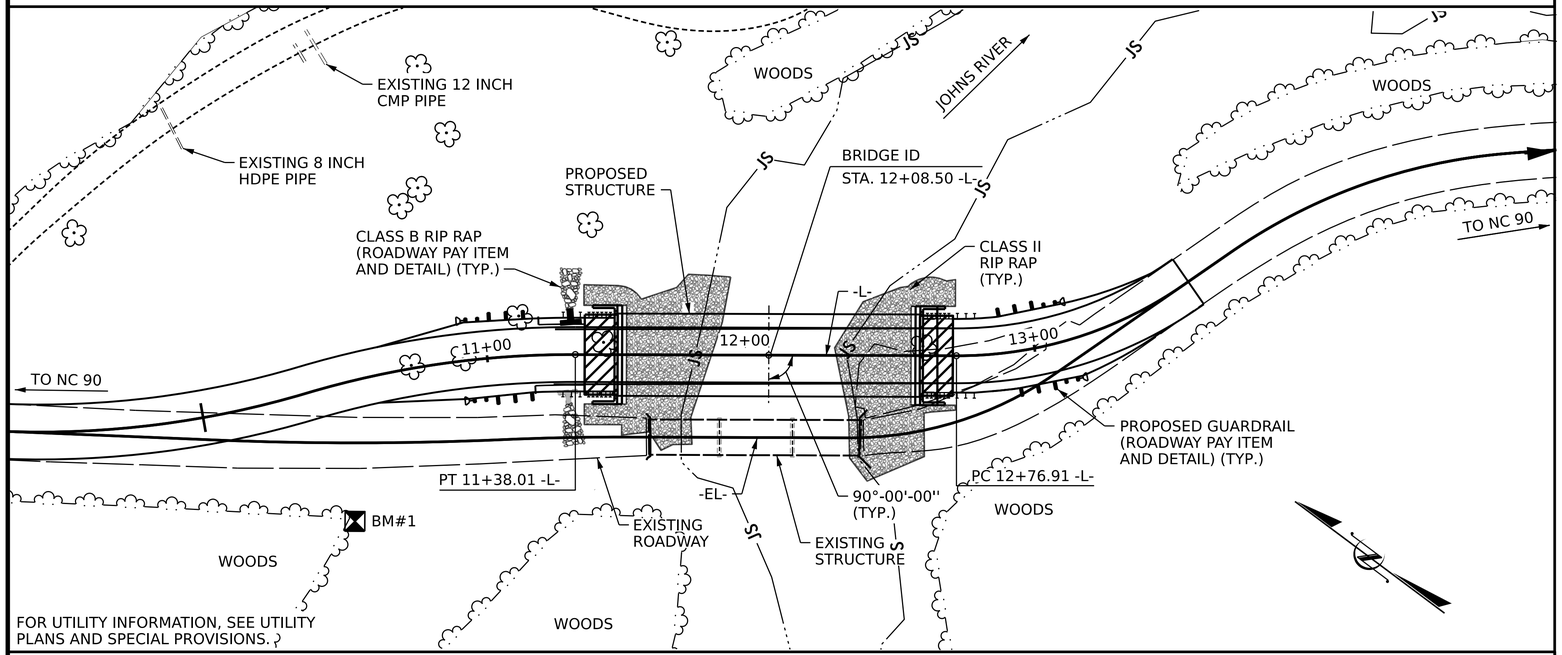
County: CALDWELL

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0131	8657000000-N	430	ELASTOMERIC BEARINGS STA. 14+36.00 -L-	Lump Sum	L.S.	
0132	8657000000-N	430	ELASTOMERIC BEARINGS STA. 17+85.00 -L-	Lump Sum	L.S.	
0133	8755000000-E	430	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS	2,850 LF		
0134	8892000000-E	SP	GENERIC STRUCTURE ITEM CONCRETE WATERPROOFING MEMBRANE-CONCRETE WEARING SURFACE	10,618 SF		
0135	8762000000-E	430	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS	1,100 LF		

1546/Nov06/Q166364.11/D678143952000/E135 **Total Amount Of Bid For Entire Project :**

pw://gfnet-pw.bentley.com:gfnet-pw-01/Documents/Projects/69172_ORD/Task 019.02 - Bridge 130186/5-Working/Structures/CAD/2.0 90% Plans/401.007_HB-0058_SMU_GD_004_130186
11/5/2026 4:33:23 PM SMU_pdf.pltcfg
Caldwell_186.tbl
8/26/21

BENCHMARK: BM #1 RR SPIKE IN 30" SYCAMORE 49.77' RT. OF STA 10+42.94,-L- EL 1122.98



LOCATION SKETCH

HYDRAULIC DATA:

DESIGN DISCHARGE	= 2900 CFS
FREQUENCY OF DESIGN FLOOD	= <2 YEARS
DESIGN HIGH WATER ELEVATION	= 1122.3 FT.
DRAINAGE AREA	= 60.4 SQ. MI.
BASE DISCHARGE (Q 100)	= 10800 CFS
BASE HIGH WATER ELEVATION	=1128.44 FT.

OVERTOPPING FLOOD DATA:

OVERTOPPING DISCHARGE	= 3000 CFS
FREQUENCY OF OVERTOPPING FLOOD	= <2 YEARS
OVERTOPPING FLOOD ELEVATION	= 1122.2 FT. **

** OVERTOPPING OCCURS AT ROADWAY LOW-POINT -L- STA. 10+71±

WS EL. TAKEN @ RIVER STATION 118397.2

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 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.

THE CONTRACTOR SHALL PROVIDE INDEPENDENT ASSURANCE SAMPLES OF REINFORCING STEEL AS FOLLOWS; FOR PROJECTS REQUIRING UP TO 400 TONS OF REINFORCING STEEL, ONE 30 INCH SAMPLE OF EACH SIZE BAR USED, AND FOR PROJECTS REQUIRING OVER 400 TONS OF REINFORCING STEEL, TWO 30 INCH SAMPLES OF EACH SIZE BAR USED. THE SAMPLE BAR SHOULD COME FROM STEEL ACTUALLY USED IN THE PROJECT AND THE SAMPLE BARS SHOULD BE REPLACED BY SPLICE BARS AS SPECIFIED IN THE SAMPLE BAR REPLACEMENT CHART. PAYMENT FOR THE SAMPLE BARS AND REPLACEMENT REINFORCING STEEL SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.

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 12+08.50 -L-.

INASMUCH AS THE PAINT SYSTEM ON THE EXISTING STRUCTURAL STEEL CONTAINS LEAD, THE CONTRACTOR'S ATTENTION IS DIRECTED ARTICLE 107-1 OF THE STANDARD SPECIFICATIONS. ANY COST 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 12+08.50 -L-.

FOR CONCRETE WATERPROOFING MEMBRANE - CONCRETE WEARING SURFACE, SEE SPECIAL PROVISIONS.

THE MATERIAL SHOWN IN THE CROSS-HATCHED AREA SHALL BE EXCAVATED FOR A DISTANCE OF 22 FT EACH SIDE OF CENTERLINE ROADWAY AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM FOR UNCLASSIFIED STRUCTURE EXCAVATION. SEE SECTION 412 OF THE STANDARD SPECIFICATIONS.

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.

AFTER SERVING AS A TEMPORARY STRUCTURE, THE EXISTING STRUCTURE CONSISTING OF THREE SIMPLE STEEL SPANS (26.33'-26.0'-26.33') SUPPORTING A TIMBER DECK WITH ASPHALT WEARING SURFACE, 13-FOOT CLEAR ROADWAY WIDTH, AND LOCATED 10 FEET DOWNSTREAM FROM PROPOSED STRUCTURE SHALL BE REMOVED. 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 POSTED AND MAY BE REDUCED AS FOUND NECESSARY DURING THE LIFE OF THE PROJECT.

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.

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

FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

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

FOR CORED SLAB AND BOX BEAM POST TENSIONING, SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL

	CONST., MAINT. AND REMOVAL OF TEMP. ACCESS AT STA. 12+08.50 -L-	REMOVAL OF EXIST. STRUCTURE AT STA. 12+08.50 -L-	ASBESTOS ASSESSMENT	PILE EXCAVATION IN SOIL	PILE EXCAVATION NOT IN SOIL	3'-0" ∅ DRILLED PIERS IN SOIL	3'-0" ∅ DRILLED PIERS NOT IN SOIL	PERMANENT STEEL CASING FOR 3'-0" ∅ DRILLED PIER	SID INSPECTIONS	CSL TESTING	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION 12+08.50 -L-	CONCRETE WEARING SURFACE	GROOVING BRIDGE FLOORS	CLASS A CONCRETE
	LUMP SUM	LUMP SUM	LUMP SUM	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	LUMP SUM	SQ. FT.	SQ. FT.	CU. YDS.
SUPERSTRUCTURE												2,955	3,146	
END BENT 1				34.5	15.5						LUMP SUM			20.2
BENT 1						11.3	12.0	14.0	2	2				13.2
END BENT 2				24.0	26.0						LUMP SUM			20.2
TOTAL	LUMP SUM	LUMP SUM	LUMP SUM	58.5	41.5	11.3	12.0	14.0	2	2	LUMP SUM	2,955	3,146	53.6

TOTAL BILL OF MATERIAL

	BRIDGE APPROACH SLABS, STA. 12+08.5 -L-	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	PILE DRIVING EQUIPMENT SETUP FOR HP 12X53 STEEL PILES	HP 12X53 STEEL PILES		STEEL PILE POINTS	32" ALASKA RAIL	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS	3'-0" X 1'-9" PRESTRESSED CONCRETE CORED SLABS		CONCRETE WATERPROOFING MEMBRANE - CONCRETE WEARING SURFACE
	LUMP SUM	LBS.	LBS.	EACH	NO.	LIN. FT.	EACH	LIN. FT.	TONS	SQ. YDS.	LUMP SUM	NO.	LIN. FT.	SQ. FT.
SUPERSTRUCTURE	LUMP SUM							205.25			LUMP SUM	20	1,100.0	2,955
END BENT 1		2,410		5	5	75	5		210	250				
BENT 1		4,574	445											
END BENT 2		2,410		5	5	75	5		200	230				
TOTAL	LUMP SUM	9,394	445	10	10	150	10	205.25	410	480	LUMP SUM	20	1,100.0	2,955

SAMPLE BAR REPLACEMENT

SIZE	LENGTH
#3	6'-2"
#4	7'-4"
#5	8'-6"
#6	9'-8"
#7	10'-10"
#8	12'-0"
#9	13'-2"
#10	14'-6"
#11	15'-10"

NOTES:
SAMPLE BAR REPLACEMENT LENGTHS BASED ON 30" (SAMPLE LENGTH) PLUS TWO SPLICE LENGTHS AND fy = 60 ksi.

SAMPLE BAR REPLACEMENT FOR FEDERAL AID PROJECTS

PROJECT NO. HB-0058
CALDWELL COUNTY
STATION 12+08.50 -L-

SHEET 4 OF 4

Signed by: John Yannaccone
4EF98B89D8739424...
11/6/2026

NORTH CAROLINA PROFESSIONAL SEAL 032492 ENGINEER JOHN A. YANNACCONE

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON SR 1356 (OLD JOHNS RIVER ROAD) OVER JOHNS RIVER BETWEEN NC 90 AND NC 90

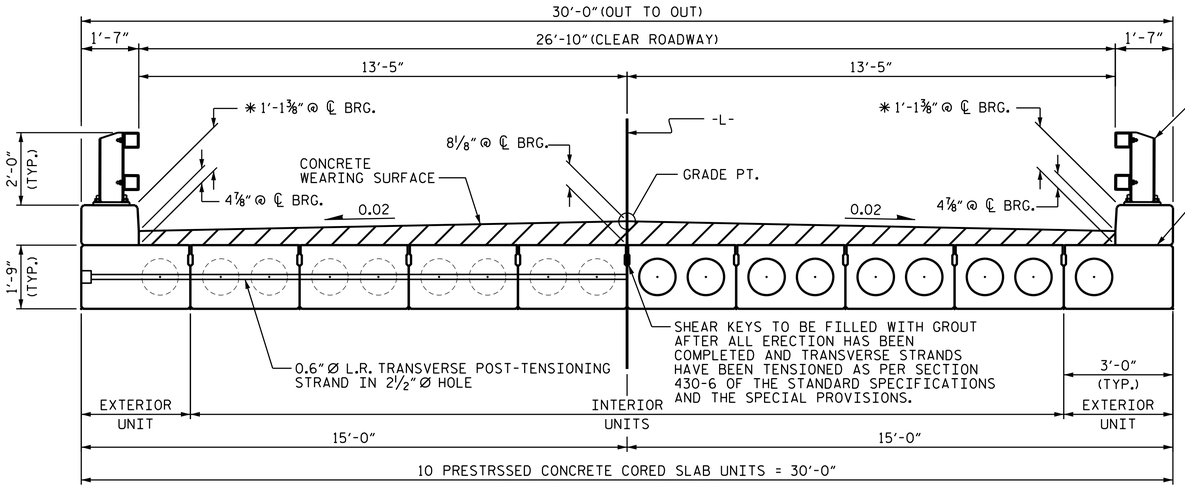
DRAWN BY : J. MYA DATE : 06/2026
CHECKED BY : J. YANNACCONE DATE : 06/2026
DESIGN ENGINEER OF RECORD: J. YANNACCONE DATE : 08/2026

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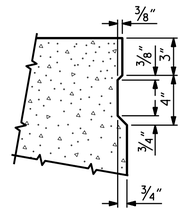
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-4
1			3			TOTAL SHEETS
2			4			24

8/26/21
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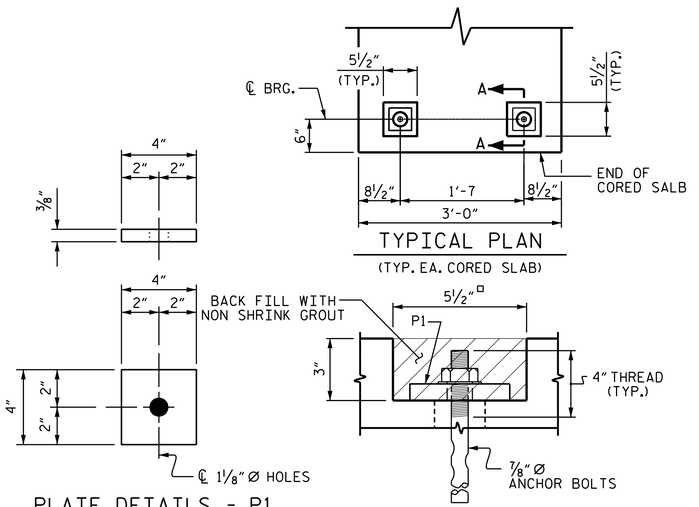
TYPICAL SECTION

* - THE MAXIMUM CURB HEIGHT AND CONCRETE THICKNESS IS SHOWN. THE HEIGHT OF THE CURB AND CONCRETE THICKNESS VARIES WHILE THE TOP OF THE CURB FOLLOWS THE PROFILE OF THE GUTTERLINE. FOR RAIL HEIGHT DETAILS AND CONCRETE THICKNESS SEE THE "32" ALASKA RAIL CURB SECTION" DETAIL.



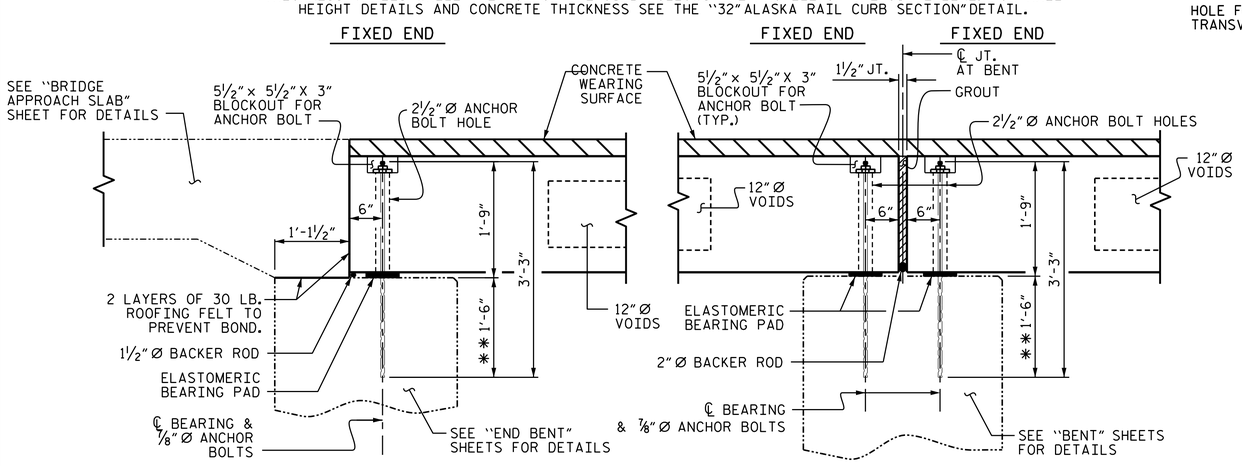
SHEAR KEY DETAIL

NOTE: OMIT SHEAR KEY ON OUTSIDE FACE OF EXTERIOR CORED SLABS.



BLOCKOUT DETAIL FOR ANCHOR BOLTS

(TYP. FOR EACH CORED SLAB)

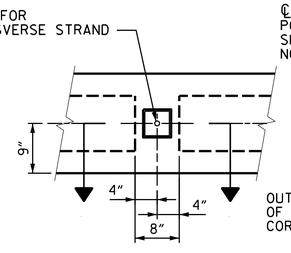


SECTION AT END BENT

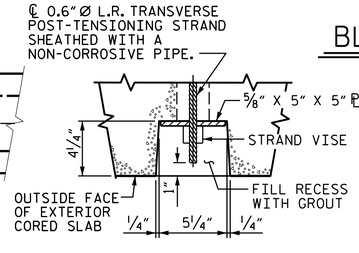
** SWEDGED

SECTION AT BENT

** SWEDGED

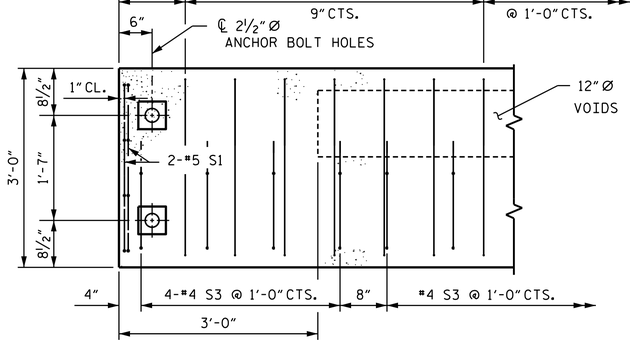


ELEVATION VIEW



SECTION C-C

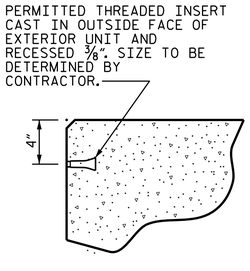
GROUTED RECESS AT END OF POST-TENSIONED STRAND OF CORED SLABS



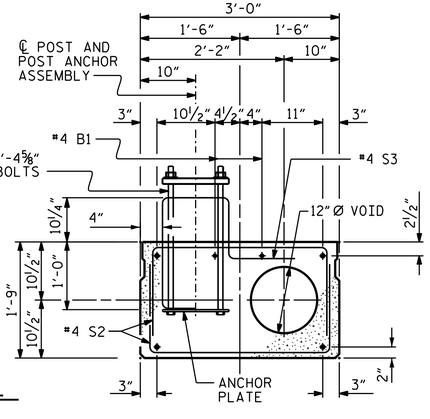
DETAIL "A"

(TYPICAL EACH END OF UNIT)
NOTE: EXTERIOR UNIT SHOWN - INTERIOR UNIT SIMILAR EXCEPT OMIT #5 S3 BARS.

⚠ BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 6'-0" FROM END OF CORED SLAB UNIT. SEE STANDARD SPECIFICATIONS, ARTICLE 1078-7.

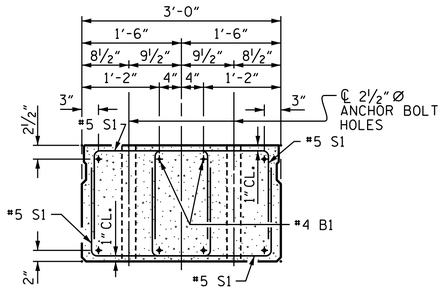


THREADED INSERT SECTION



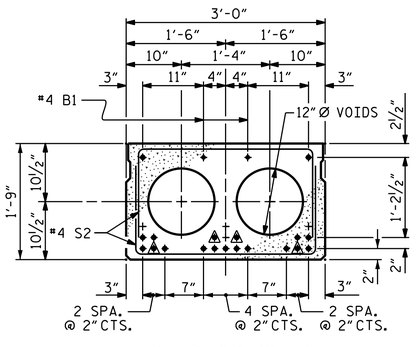
EXTERIOR SLAB SECTION

(FOR PRESTRESSED STRAND LAYOUT, SEE INTERIOR SLAB SECTION)



END ELEVATION

SHOWING PLACEMENT OF DOUBLE STIRRUPS AND LOCATION OF ANCHOR BOLT HOLES. (STRAND LAYOUT NOT SHOWN.)
INTERIOR SLAB UNIT SHOWN-EXTERIOR SLAB UNIT SIMILAR EXCEPT SHEAR KEY LOCATION.



INTERIOR SLAB SECTION (55' UNIT)

(19 STRANDS REQUIRED)

0.6" Ø LOW RELAXATION STRAND LAYOUT

PROJECT NO. HB-0058
CALDWELL COUNTY
STATION 12+08.50 -L-
SHEET 1 OF 6

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

3'-0" X 1'-9" PRESTRESSED CONCRETE CORED SLAB UNIT 90° SKEW

Signed by: John Yannaccone 4EF98B89D8739424...
NORTH CAROLINA PROFESSIONAL SEAL 032492 ENGINEER JOHN A. YANNACCONE
11/6/2026

DRAWN BY : J. MYA DATE : 06/2026
CHECKED BY : J. YANNACCONE DATE : 06/2026
DESIGN ENGINEER OF RECORD: J. YANNACCONE DATE : 08/2026

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1			3			TOTAL SHEETS
2			4			24