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	20,000 CFS.
NG FLOOD	500 + YRS.
ATION	282.9 FT.

TAL BILL OF MATERIAL								
ASBESTOS ASSESSMENT	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL			
LUMP SUM	SQ.FT.	SQ.FT.	CU.YDS.	LUMP SUM	LBS.			
	4524	4563		LUMP SUM				
			35.3		5544			
			35.3		5544			
LUMP SUM	4524	4563	70.6	LUMP SUM	11,088			

OTAL	BII	ll OI	F MA	TERIAL			
LE DRIVING EQUIPMENT SETUP FOR P 14 X 73 TEEL PILES	HP STEE	14 X 73 EL PILES	STEEL PILE POINTS	CONCRETE BARRIER RAIL	RIP RAP CLASS II (2'-O" THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS
EA.	NO.	LIN.FT.	EA.	LIN.FT.	TONS	SQ. YDS.	LUMP SUM
				256.7			LUMP SUM
7	7	160	7		330	367	
7	7	195	7		290	322	
14	14	355	14	256.7	620	689	LUMP SUM

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS. FOR ASBESTOS ASSESSMENT FOR BRIDGE THIS BRIDGE HAS BEEN DESIGNED IN DEMOLITION AND RENOVATION ACTIVITIES, ACCORDANCE WITH THE AASHTO LRFD BRIDGE SEE SPECIAL PROVISIONS. DESIGN SPECIFICATIONS. REMOVABLE FORMS MAY BE USED IN LIEU OF FOR OTHER DESIGN DATA AND GENERAL NOTES, METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS. FOR EROSION CONTROL MEASURES, SEE FOR LIMITS OF TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE TRAFFIC THE EXISTING STRUCTURE CONSISTING OF CONTROL PLANS.FOR PAY ITEM FOR 3 SPANS 1 @ 39'-11", 1 @ 40'-0" AND 1 @ 39'-11" TEMPORARY SHORING FOR MAINTENANCE OF WITH REINFORCED CONCRETE DECK WITH 4 LINES TRAFFIC, SEE ROADWAY PLANS.

SEE SHEET SN.

EROSION CONTROL PLANS.

OF 18 X 26 $\frac{1}{2}$ RC DECK GIRDER @ 6'-10"CTS. SUPERSTRUCTURE AND A CLEAR ROADWAY WIDTH OF 23'-11" ON A SUBSTRUCTURE, END BENT CONSISTING OF RC CAPS SPILL THROUGH, AND BENT CONSISTING RC ROUND NOSE POST & WEB AT THE PROPOSED STRUCTURE LOCATION SHALL BE REMOVED.

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 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."

THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.

FOR SUBMITTAL OF WORKING DRAWINGS. SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK. SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY. SEE SPECIAL PROVISIONS.

NOTES

THE CONTRACTOR'S ATTENTION IS CALLED TO THE CLOSE PROXIMITY OF TEMPORARY SHORING TO THE PROPOSED END BENTS. SHORING MUST BE INSTALLED ACCURATELY IN ACCORDANCE WITH TRAFFIC CONTROL PLANS.

NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.

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.

B-5818 PROJECT NO. ANSON ____ COUNTY STATION: 27+79.00 -L-SHEET 3 OF 3 02EE938FAB674C5... STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WHITH CARN RALEIGH * * GEESSION SEAL 35647 GENERAL DRAWING A C BRIDGE OVER DEADFALL CREEK ON NC 109 BETWEEN SR 1220 AND SR 1003 1/22/2021 SHEET NO REVISIONS NO. BY: DATE: S-3 DATE: BY: DOCUMENT NOT CONSIDERED TOTAL SHEETS FINAL UNLESS ALL SIGNATURES COMPLETED 24