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FXISTING R/W	TOTAL BILL OF MATERIAL														
		REMOVAL OF EXISTING STRUCTURE @ STA. 27+54.43 -Y1RT-	ASBESTOS ASSESSMENT	5'-0"Ø DRILLED PIERS P IN SOIL	5'-0 DRIL PIERS IN S)″Ø _LED S NOT SOIL	PDA TESTI	NG	SID INSPECTION	CSL TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS @ STA.27+54.43 -Y1RT-	REINFORCING STEEL
		LUMP SUM	LUMP SUM	LIN.FT.	LIN.	FT.	EA.		EA.	EA.	SQ.FT.	SQ.FT.	CU.YDS.	LUMP SUM	LB.
0/H WIRE HGT	SUPERSTRUCTURE	LUMP SUM	LUMP SUM								11,870	10,740		LUMP SUM	
2659.13 TIL WRE HGT	END BENT 1												58.7		8,190
0/12653.80	BENT 1			162.6	2	0			4				123.1		43,402
NC 209	END BENT 2												72.7		10,050
3 10 0	TOTAL	LUMP SUM	LUMP SUM	162.6	2	0	1		4	1	11,870	10,740	254.5	LUMP SUM	61,642
BENCHMÂRK #2-		SPIRAL COLUMN REINFORCING STEEL	APPROX. 660,000 LBS. STRUCTURAL STEEL	PILE DRIVIN EQUIPMENT SETUP FOR HP14×73 STEE PILES	NG El	HP14x STEEI PILES	73 ST - P S PO	EEL ILE INTS	CONCRETE BARRIER RAIL	4″SLOPE PROTECTIO	DISC DN BEARING	EXPANS S JOIN SEAI	SION NT _S		
		LB.	LUMP SUM	EA.	N	O. LIN	FT. I	EA.	LIN.FT.	SQ.YDS.	LUMP SU	M LUMP	SUM		
O'H WIRE HG	SUPERSTRUCTURE		LUMP SUM						804.5		LUMP SU	M LUMP	SUM		
0, 2635.5	END BENT 1			12	12	2 84	0			22.0					
THE WRE HET	BENT 1	9,662													
262	END BENT 2			12	12	2 84	0	12		37.3					
	TOTAL	9,662	LUMP SUM	24	2	4 16	80	12	804.5	59.3	LUMP SU	M LUMP	SUM		
FOR UTILITY INFORMATION, SEE UTILITY PLANS AND SPECIAL PROVISIONS															

RFD BRIDGE	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 27+54.43 -Y1RT"
ONS. EET (SN).	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.
ACTIVITIES,	THE EXISTING STRUCTURE CONSISTING OF 4 STEEL GIRDERS AND 4 SPANS EACH WITH 28'-O" OF CLEAR ROADWAY ON A REINFORCED CONCRETE DECK ON REINFORCED CONCRETE BENT CAPS ON STEEL H-PILES LOCATED AT THE SITE OF THE PROPOSED BRIDGE SHALL BE REMOVED. THE EXISTING BRIDGE IS PRESENTLY NOT 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.
REINFORCING INFORCING S REQUIRING H SIZE BAR THE PROJECT IFIED IN THE REPLACEMENT	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.
RUCTURE AT	FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS. FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.
RMS IN	THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS IS BASED ON AN APPROXIMATE GROUND LINE ELEVATION.IF THE CONSTRUCTION JOINT IS ABOVE THE ACTUAL GROUND ELEVATION,THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT 1 FT.BELOW THE GROUND LINE.
	FOR TEMPORARY BENTS, SEE SPECIAL PROVISIONS.
SHOP	FOR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS
IONS UNLESS	FOR DISC BEARINGS, SEE SPECIAL PROVISIONS.
	ALL ELEVATIONS ARE IN FEET.
	SEE ROADWAY PLANS FOR MSE WALL AND MOMENT SLAB DETAILS.

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″					

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



W. Brian Watson 1/24/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATION: 27+54.43 - Y1RT-							
SHEET 4 OF 4							
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION							
RALEIGH							

PROJECT NO. <u>B-3186/B-5898</u>

COUNTY

HAYWOOD

GENERAL DRAWING BRIDGE ON -Y1RT- (US 19) OVER -L-, -L_LT- AND -L_RT- (US 74/US 23) BETWEEN US 276 AND NC 209

		SHEET NO				
NO.	BY:	DATE:	NO.	BY:	DATE:	S02-04
1			3			TOTAL
2			4			48

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