



SUMMARY OF BRIDGE PAY QUANTITIES

ITEM	UNIT	ABUTMENTS	PIERS	SUPERSTRUCTURE	APPROACH SLAB	SLOPE DRAIN	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	90	3,405				3,495
CLSM BACKFILL	C.Y.	200					200
PRESTRESSED CONCRETE BEAMS (TYPE III)	L.F.			995			995
APPROACH SLAB	S.Y.				224.8		224.8
SAW-CUT GROOVING	S.Y.			891.0	213.4		1,104.4
CONCRETE RAIL (TR4)	L.F.			401.0	96.0		497.0
STRUCTURAL STEEL	LB.			1,100			1,100
STAINLESS STEEL FIXED BEARING ASSEMBLY	EA.			10			10
STAINLESS STEEL EXPANSION BEARING ASSEMBLY	EA.			20			20
ELASTOMERIC BEARING PADS	EA.			20			20
CLASS AA CONCRETE	C.Y.		233.6	259.1			492.7
CLASS A CONCRETE	C.Y.	59.6	69.2				128.8
CLASS C CONCRETE	C.Y.					11.0	11.0
REINFORCING STEEL	LB.		1,880				1,880
EPOXY COATED REINFORCING STEEL	LB.	9,440	45,720	69,810			124,970
PILES, FURNISHED (HP 10X42)	L.F.	1,312					1,312
PILES, FURNISHED (HP 14X89)	L.F.		3,424				3,424
PILES, DRIVEN (HP 10X42)	L.F.	1,312					1,312
PILES, DRIVEN (HP 14X89)	L.F.		3,424				3,424
PILE SPLICE, H-PILE (NON-BIDDABLE)	EA.						1
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	34	146	645	44		869
SEALER CRACK PREPARATION	L.F.			163			163
SEALER RESIN	GAL.			2			2
TYPE I-A PLAIN RIPRAP	TON	1,458					1,458
TYPE I-A FILTER BLANKET	TON	327					327
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	84					84
6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	30					30
REMOVAL OF EXISTING BRIDGE STRUCTURE	LSUM						1

FOUNDATION DATA

PIER NO. 1 & NO. 2 (HP14X89 PILING)
FACTORED PILE REACTION = 208.0 TON/PILE

ABUTMENT NO. 1 & NO. 2 (HP10X42 PILING)
FACTORED PILE REACTION = 110.0 TON/PILE

STEEL PILING:
ALL PILING SHALL BE DRIVEN THRU COMPACTED FILL. PILING SHALL BE DRIVEN TO A POINT BEARING ON SOLID FOUNDATION MATERIAL AT THE APPROXIMATE ELEVATION SHOWN ON THE PLANS. IF THE REQUIRED AXIAL LOAD RESISTANCE IS NOT OBTAINED AT THIS ELEVATION, DRIVING SHALL CONTINUE UNTIL THE REQUIRED AXIAL LOAD RESISTANCE IS OBTAINED. THE LENGTH OF STEEL PILING SHOWN ON THE PLANS IS FOR ESTIMATING PURPOSES ONLY.

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DESIGN	J.W.H.	SH34 OVER S. PERSIMMON CREEK	WOODWARD COUNTY
DRAWN	R.A.S.	BRIDGE A	
CHECKED	J.W.H.	SUMMARY OF BRIDGE PAY QUANTITIES	
APPROV.	T.A.C.		
SQUAD	CEC	JOB PIECE NO. 28825(04)	SHEET NO. 22