

DESCRIPTION	REVISIONS	DATE

SUMMARY OF BRIDGE PAY QUANTITIES							
ITEM	UNIT	ABUTMENTS	PIERS	SUPER- STRUCTURE	APPROACH SLAB	SLOPE DRAIN	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	200	3,400				3,600
CLSM BACKFILL	C.Y.	210					210
PRESTRESSED CONCRETE BEAMS (TYPE IV)	L.F.			1,495			1,495
APPROACH SLAB	S.Y.				281.2		281.2
SAW-CUT GROOVING	S.Y.			1,341.0	266.6		1,607.6
SEALED EXPANSION JOINT	L.F.			41.8			41.8
CONCRETE RAIL (TR4)	L.F.			603.3	120.0		723.3
STRUCTURAL STEEL	LB.			1,430			1,430
STAINLESS STEEL FIXED BEARING ASSEMBLY	EA.			10			10
STAINLESS STEEL EXPANSION BEARING ASSEMBLY	EA.			20			20
CLASS AA CONCRETE	C.Y.		222.2	358.4			580.6
CLASS A CONCRETE	C.Y.	97.0	71.0				168.0
CLASS C CONCRETE	C.Y.					9.3	9.3
REINFORCING STEEL	LB.		2,200				2,200
EPOXY COATED REINFORCING STEEL	LB.	11,440	52,180	97,830			161,450
PILES, FURNISHED (HP 10X42)	L.F.	432					432
PILES, FURNISHED (HP 12X53)	L.F.	1,887					1,887
PILES, FURNISHED (HP 14X89)	L.F.		3,900				3,900
PILES, DRIVEN (HP 10X42)	L.F.	432					432
PILES, DRIVEN (HP 12X53)	L.F.	1,887					1,887
PILES, DRIVEN (HP 14X89)	L.F.		3,900				3,900
PILE SPLICE, H-PILE (NON-BIDDABLE)	EA.						1
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	118	150	995	56		1,319
SEALER CRACK PREPARATION	L.F.			41			41
SEALER RESIN	GAL.			1			1
TYPE I-A PLAIN RIPRAP	TON	1,283					1,283
TYPE I-A FILTER BLANKET	TON	289					289
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	84					84
6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	68					68
REMOVAL OF EXISTING BRIDGE STRUCTURE	LSUM						1

FOUNDATION DATA

PIER NO. 1 & NO. 2 (HP14X89 PILING)
FACTORED PILE REACTION = 225.0 TON/PILE

ABUTMENT NO. 1 & NO. 2 (HP12X53 PILING)
FACTORED PILE REACTION = 95.0 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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THIS DRAWING IS PRELIMINARY IN NATURE. IT IS NOT A FINAL SIGNED AND SEALED DRAWING

DESIGN	J.W.H.	SH34 OVER N. PERSIMMON CREEK	WOODWARD COUNTY
DRAWN	Z.M.B.	BRIDGE A	
CHECKED	J.W.H.	SUMMARY OF BRIDGE PAY QUANTITIES	
APPROV.	T.A.C.		
SQUAD	CEC	JOB PIECE NO. 28827(04)	SHEET NO. 21