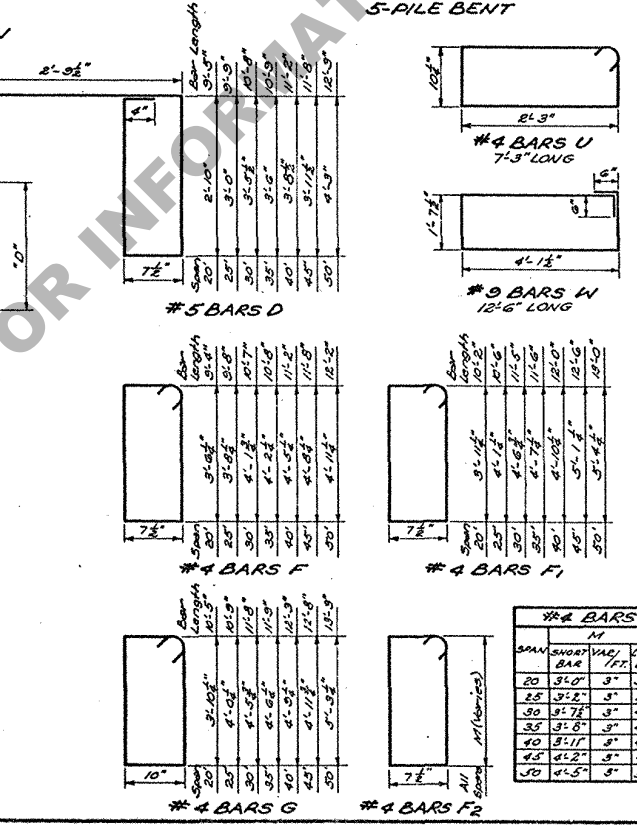
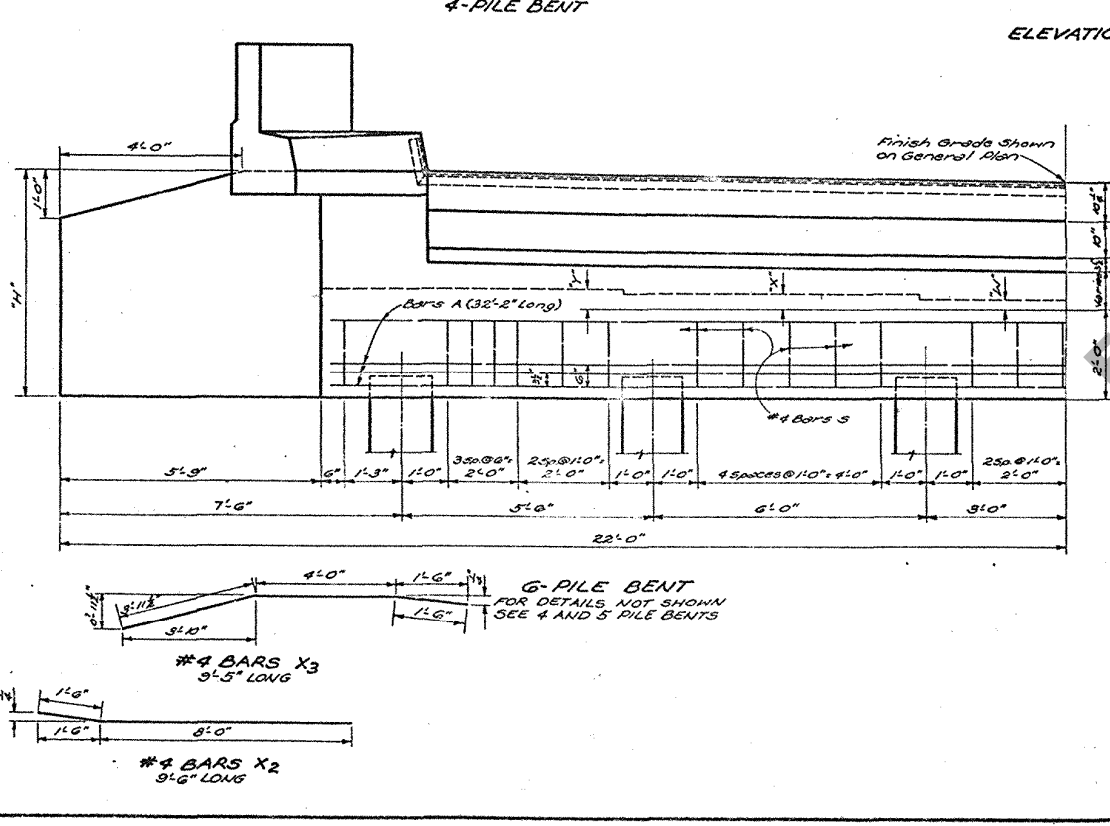
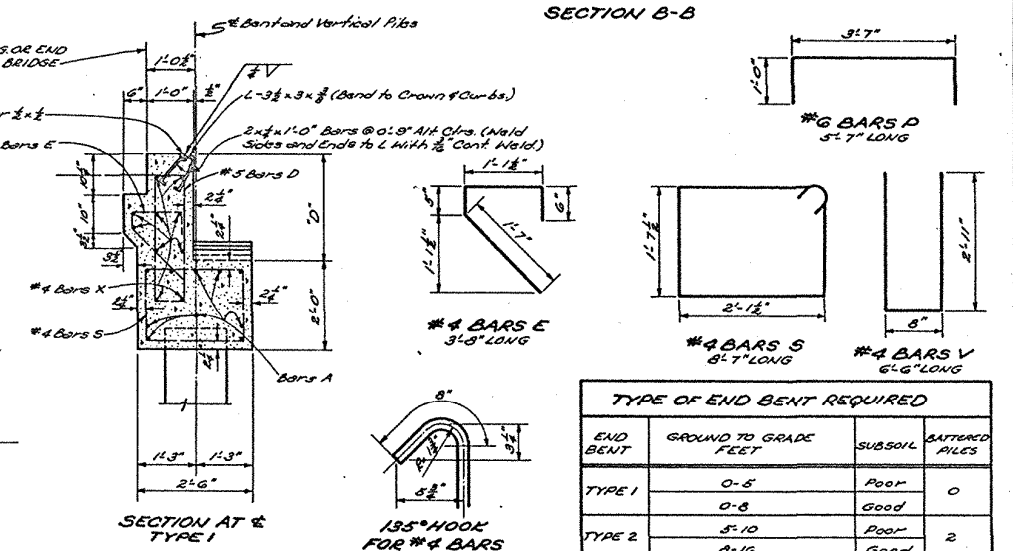
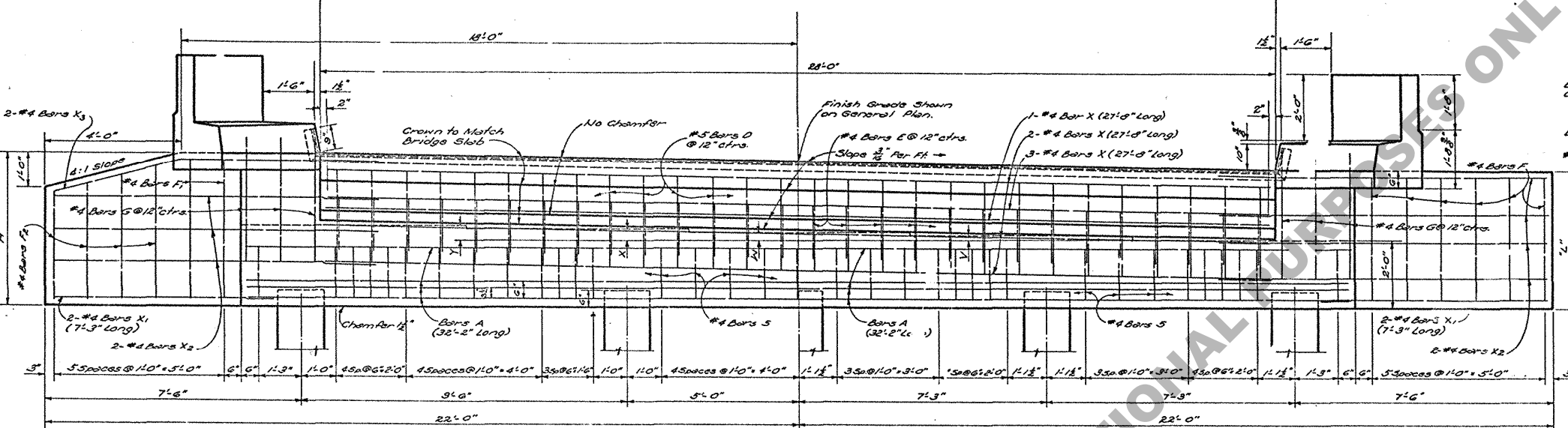
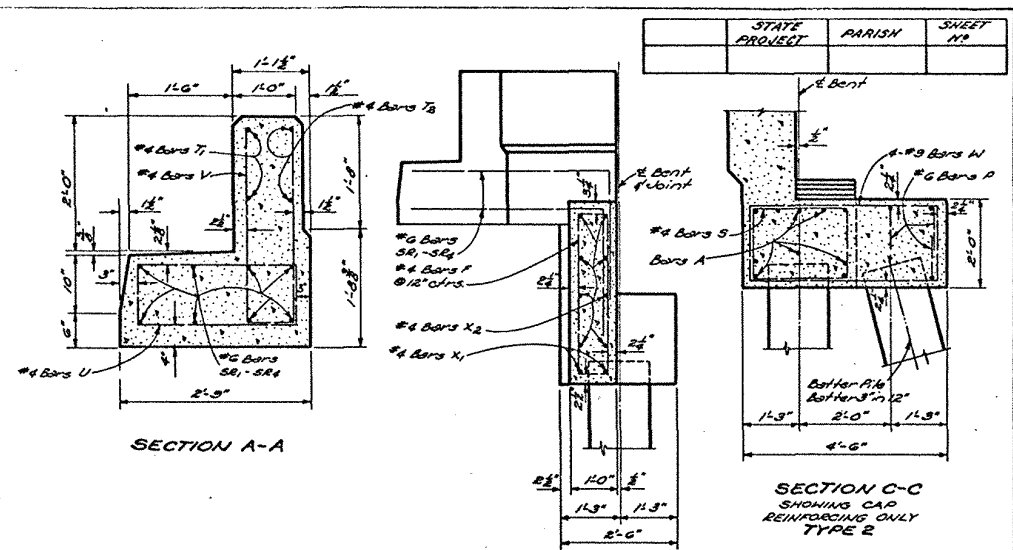
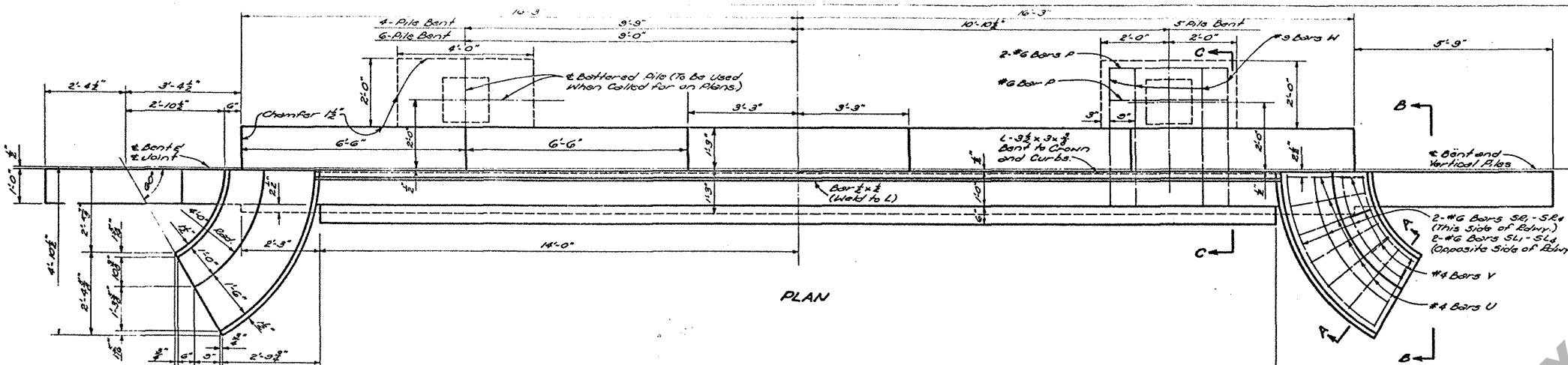




END BENT QUANTITIES - DIMENSIONS - PILE LOAD																											
SPAN	DIMENSIONS						4-PILES						5-PILES						6-PILES						SPAN		
	"V"	"W"	"X"	"Y"	"D"	"L"	"H"	SIZE OF "A" BARS	TYPE			AV. PILE LOAD	SIZE OF "A" BARS	TYPE			AV. PILE LOAD	SIZE OF "A" BARS	TYPE			AV. PILE LOAD					
									CLASS	DEF. REINFC	CONC.			CLASS	DEF. REINFC	CONC.			CLASS	DEF. REINFC	CONC.		CLASS	DEF. REINFC		CONC.	
																											STEEL
FEET	IN.	IN.	IN.	IN.	FT-IN.	FT-IN.	FT-IN.		QTY/20	LBS.	QTY/20	LBS.	TONS		QTY/20	LBS.	QTY/20	LBS.	TONS		QTY/20	LBS.	QTY/20	LBS.	TONS	LBS.	FEET
20	1 3/8	2 5/8	3 3/8	4 3/8	2-2 1/2	4-0	4-5	#9	12.32	2351	14.05	2741	24.3													340	20
25	1 3/8	2 5/8	3 3/8	4 3/8	2-4 1/2	4-2	4-7	#9	13.23	2365	14.36	2753	27.5													340	25
30	1 1/2	2 5/8	3 3/8	4 3/8	2-10 1/2	4-7 1/2	5-0 1/2	#10	14.10	2639	15.23	3083	31.0	#7	14.07	1861	15.20	2357	24.8							340	30
35	1 1/2	2 5/8	3 3/8	4 3/8	2-10 1/2	4-8	5-1							#7	14.14	1864	15.27	2354	27.5							340	35
40	1 1/2	2 5/8	3 3/8	4 3/8	3-1 1/8	6-11	5-4							#7	14.61	1981	15.74	2371	30.4	#8	14.58	2153	15.71	2545	25.3	340	40
45	1 1/2	2 5/8	3 3/8	4 3/8	3-6 1/2	5-2	5-7													#8	15.03	2175	16.16	2565	27.7	340	45
50	1 1/2	2 5/8	3 3/8	4 3/8	3-7 1/2	5-5	5-10							#9	15.50	2435	16.63	2525	30.4	340					340	50	

GENERAL NOTES:
 Construction Specifications: Latest Approved by Dept. of Highways, Std. Specs.
 Design Specifications: A.A.S.H.O. Std. Specs. for Highway Bridges, 1953, as
 amended to Dec. 1958.
 Live Load: H-20-44.
 Reinforcement Bars shall be Intermediate or Hard Grade, A.S.T.M. A15,
 or A157 Steel A.S.T.M. A15.
 All Dimensions to Reinforcing Steel are to Bar Centers.
 For Details of Concrete Piles see Std. Plan C.S. 149.
 Concrete and steel in SIDEWALK CURB FLARE AND HANDRAIL FLARE ARE
 Included in Bent Cap Quantities and are to be laid for as part of bent.
 Wing Walls are Detailed for 40'0" Crown and shall be Modified as Required
 to Fit in Different Crown Widths is Used.
 To Provide for Future Extension of Bridge the End Bent is Designed for Same
 Loads as Intermediate Bents.
 Quantities Computed Assuming
 Use of 14" Piles.

DATE	DESCRIPTION	BY	DESIGNED	CHECKED	DETAILED	TRACED
			RUSCO	TECHING		