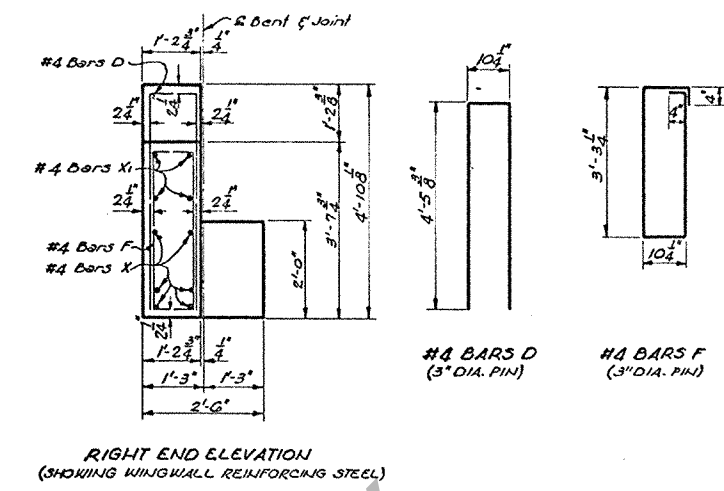
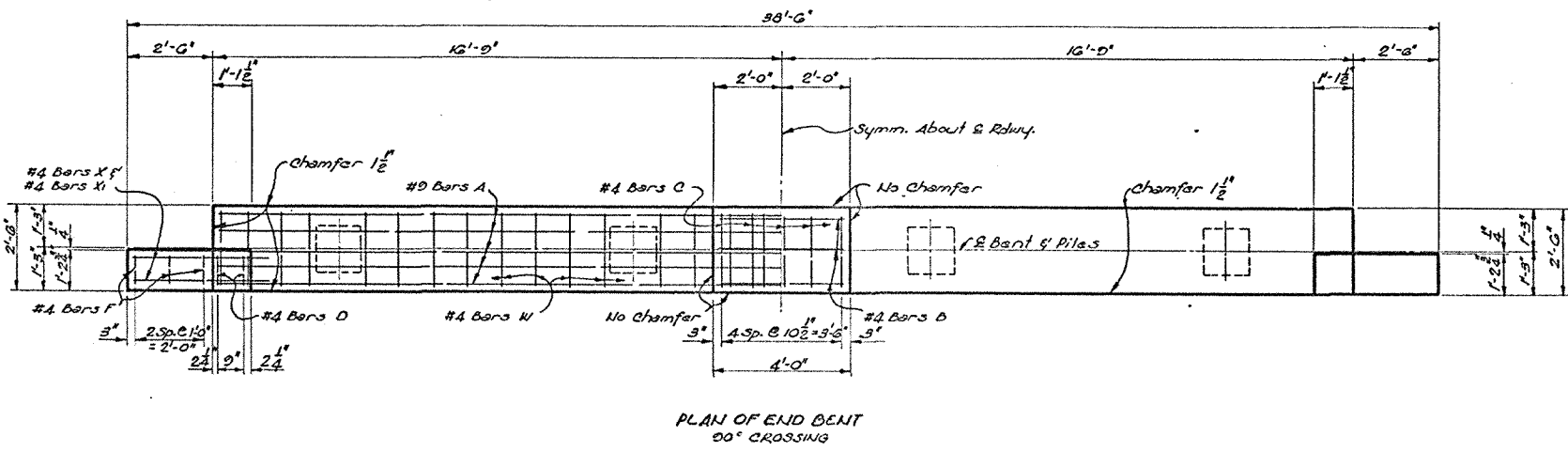
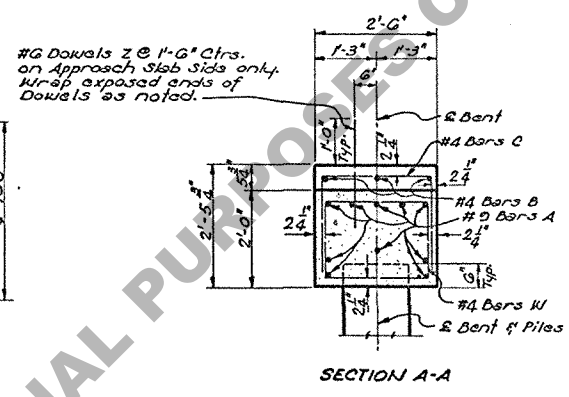
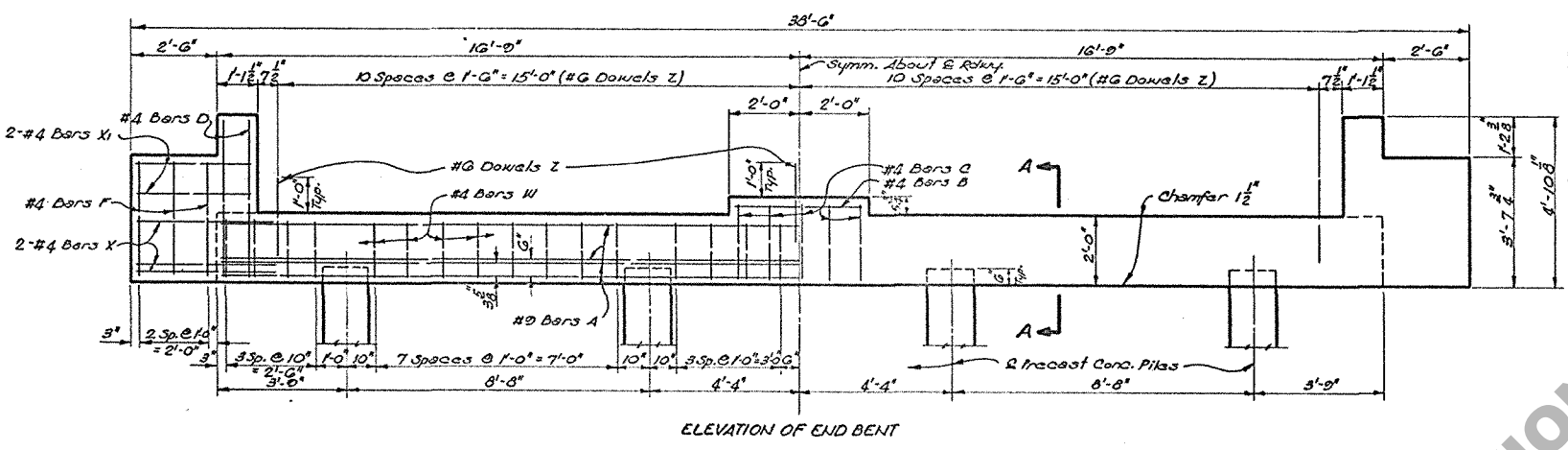




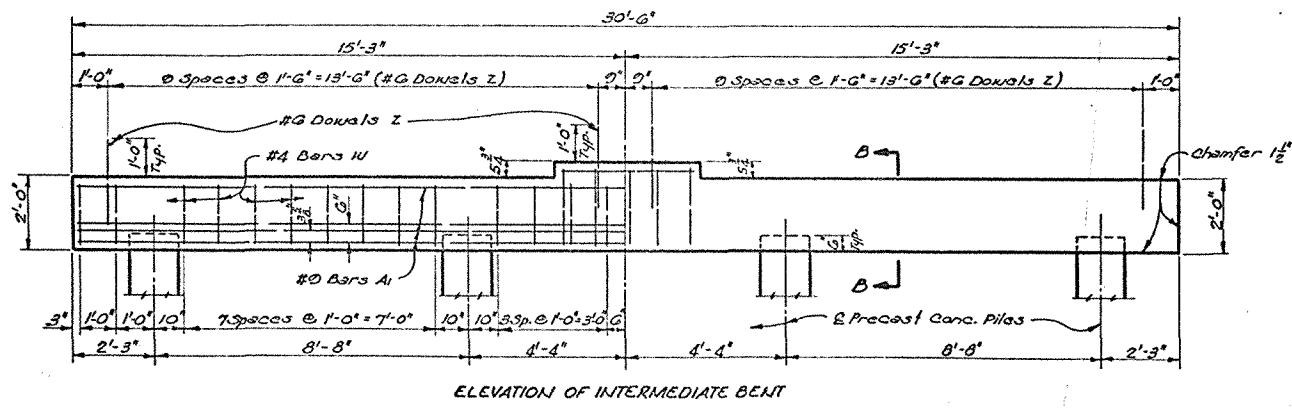
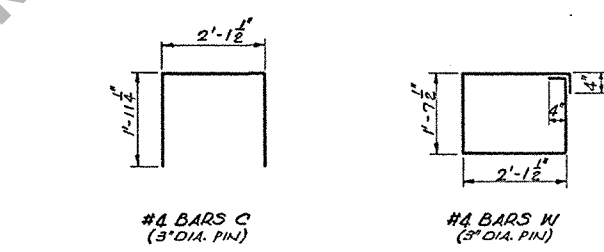
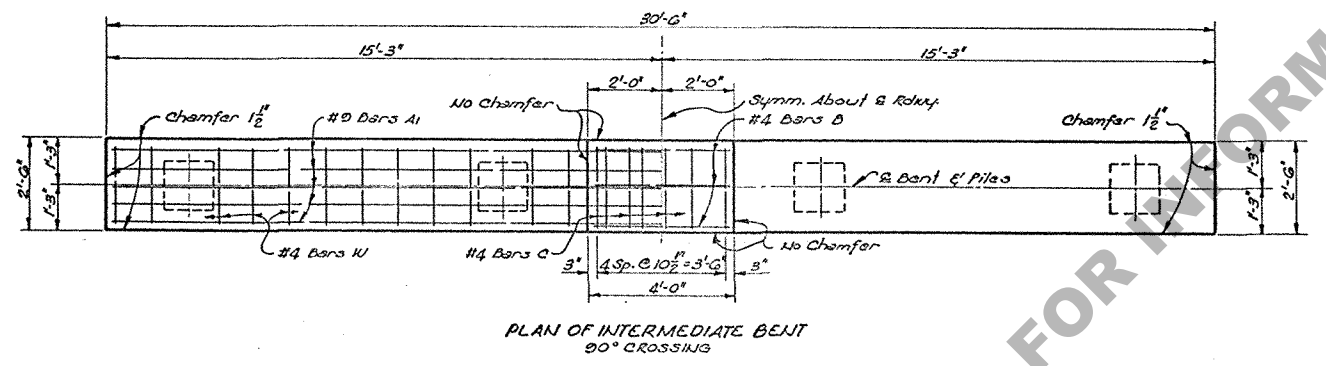
ESTIMATED QUANTITIES (END BENT)					
BAR	SIZE	Nº	UNIT LENGTH	TOTAL LENGTH	LOCATION
A	# 4	10	33'-2"	331'-8"	Longit. in Cap
TOTAL # 4 BARS = 331'-8" = 1128 LBS.					
Z	# 6	21	2'-3"	47'-3"	Dowels
TOTAL # 6 BARS = 47'-3" = 71 LBS.					
B	# 4	3	3'-8"	11'-0"	Riser
C	# 4	5	6'-0"	30'-0"	Riser
D	# 4	4	9'-0"	36'-0"	Wingwall
F	# 4	6	8'-11"	53'-0"	Wingwall
X	# 4	12	4'-0"	48'-0"	Wingwall
Y	# 4	8	3'-3"	26'-0"	Wingwall
W	# 4	32	8'-2"	261'-4"	Stirrups in Cap
TOTAL # 4 BARS = 468'-10" = 313 LBS.					
TOTAL DEFORMED REINFORCING STEEL = 1512 LBS.					
TOTAL CLASS "A" CONCRETE = 7.37 CU. YDS.					
AVERAGE PILE LOAD = 40.0 TONS					

* To provide for future extension of Bridge, End Bents are designed for same load as Intermediate Bents.



ESTIMATED QUANTITIES (INTERMEDIATE BENT)					
BAR	SIZE	Nº	UNIT LENGTH	TOTAL LENGTH	LOCATION
A1	# 4	10	30'-2"	301'-8"	Longit. in Cap
TOTAL # 4 BARS = 301'-8" = 1026 LBS.					
Z	# 6	20	2'-3"	45'-0"	Dowels
TOTAL # 6 BARS = 45'-0" = 68 LBS.					
B	# 4	3	3'-8"	11'-0"	Riser
C	# 4	5	6'-0"	30'-0"	Riser
W	# 4	28	8'-2"	228'-8"	Stirrups in Cap
TOTAL # 4 BARS = 269'-8" = 180 LBS.					
TOTAL DEFORMED REINFORCING STEEL = 1274 LBS.					
TOTAL CLASS "A" CONCRETE = 5.69 CU. YDS.					
AVERAGE PILE LOAD = 40.0 TONS					

* Add 68 Lbs. of Reinforcing Steel (20 - #6 Dowels Z) when 2 Fixed Ends occur on one Intermediate Bent.
* Quantities computed assuming 16" precast concrete piles.



GENERAL NOTES:
Construction Specifications: Latest Approved La. Dept. of Highways Std. Specs.
Design Specifications: A.A.S.H.O. Std. Specs. for Hwy. Bridges, 1964, as amended by Interim Specs., 1964.
Live Load: HS 20-44.
Reinforcing Steel Bars shall be Intermediate or Hard Grade, A.S.T.M. A108 or Rail Steel, A.S.T.M. A10, conforming to A.S.T.M. A305.
Dimensions relating to Reinforcing Steel are to bar centers.
All concrete to be Class "A".
All exposed ends of #6 Dowels Z to be wrapped with 2-layers of 15# for paper, glass fitting tubes made of compressible material not less than 3/16" thick may be substituted.
All corners to be chamfered 3/4" unless otherwise noted.
For paper wrapping to be included in price bid for CLASS "A" CONCRETE.
For Details of Concrete Piles, see Std. Plan as shown on General Plan.
On End Bents, all exposed vertical surfaces and chamfers on Cap to have Class 2 Rubbed Finish.
All exposed surfaces on wingwall beyond the limits of the Edge of Bridge Slab to have a Class 2 Rubbed Finish.
On Intermediate Bents, all vertical surfaces and chamfers above the low water or ground line to have a Class 2 Rubbed Finish.

BENTS		
STANDARD PLAN		
PRECAST CONCRETE PILE BENTS		
FOR 25'-0" CONCRETE SLAB SPANS		
LIVE LOAD: HS 20-44		
28'-0" ROADWAY 1'-6" SAFETY CURBS		
DATED: MAR 13, 1967		
STATE OF LOUISIANA		
DEPARTMENT OF HIGHWAYS		
DESIGNED: J. J. S. S.	DETAILED: J. J. S. S.	TRACED: J. J. S. S.
CHECKED: J. J. S. S.	CHECKED: J. J. S. S.	CHECKED: J. J. S. S.
BRIDGE DESIGN SECTION		