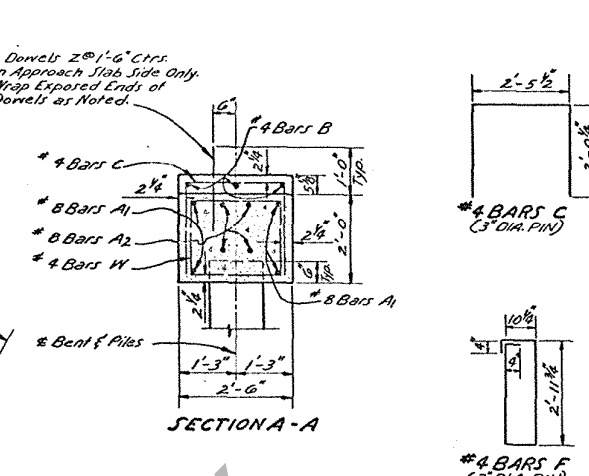
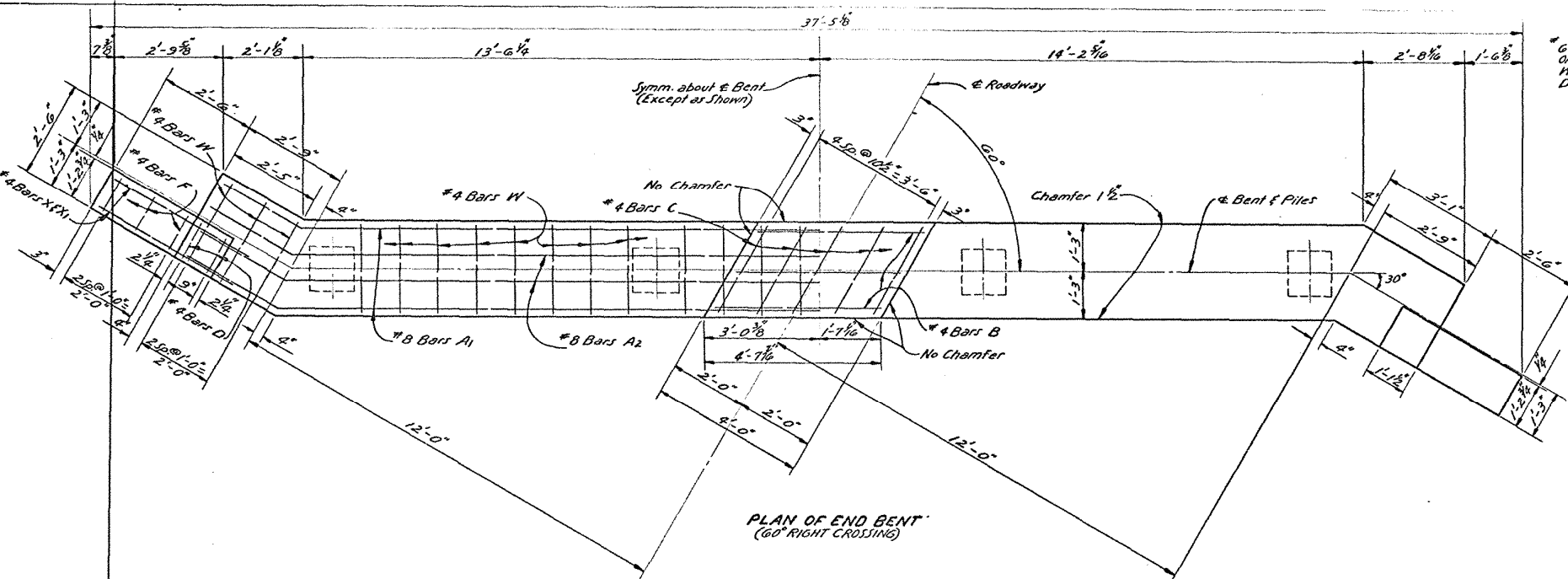
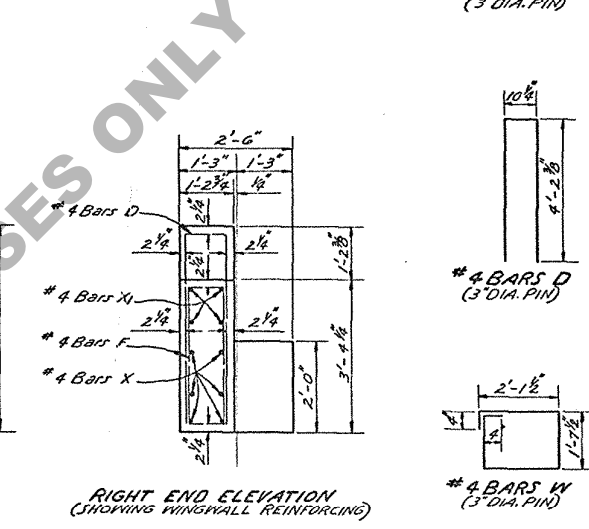
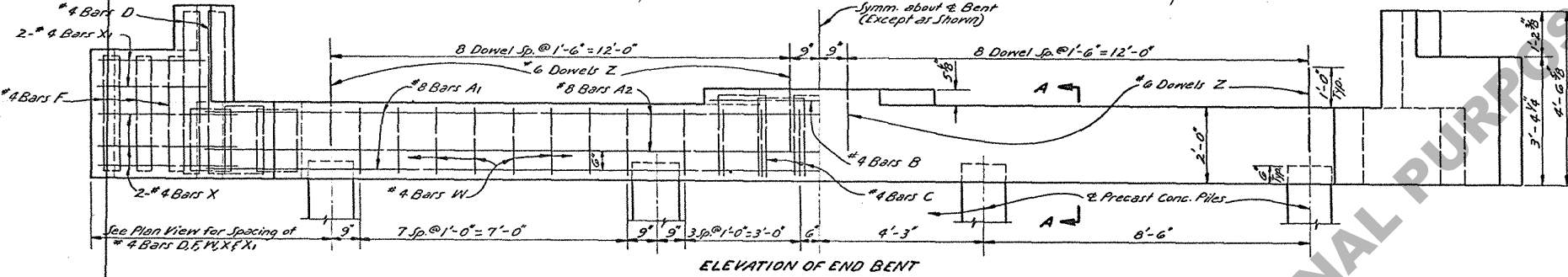




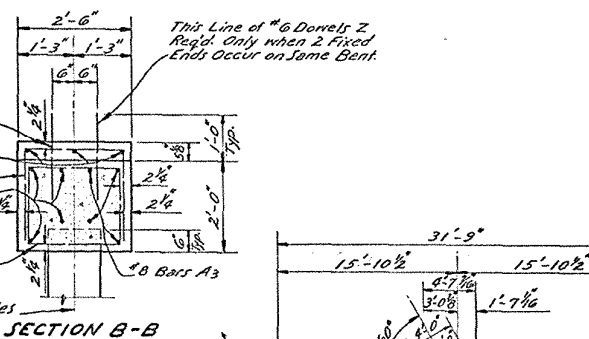
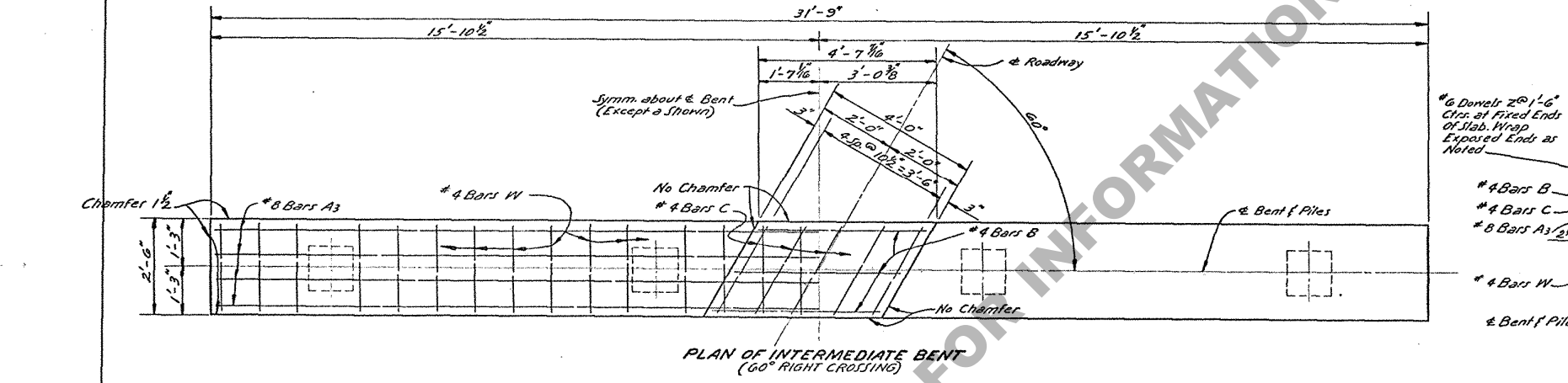
ESTIMATED QUANTITIES (END BENT)				
BAR SIZE	Nº	UNIT LENGTH	TOTAL LENGTH	LOCATION
A1	#8	4	32'-10"	Long. in Cap
A2	#8	4	32'-10"	Long. in Cap
TOTAL #8 BARS = 262'-8" = 701 LBS.				
Z	#6	18	2'-3"	Dowels in Cap
TOTAL #6 BARS = 40'-6" = 61 LBS.				
B	#4	3	4'-3"	Riser
C	#4	5	6'-6"	Riser
D	#4	4	9'-3"	Wingwall
F	#4	6	8'-4"	Wingwall
W	#4	30	8'-2"	Stirrups
X	#4	12	4'-0"	Wingwall
X1	#4	8	3'-3"	Wingwall
TOTAL #4 BARS = 451'-3" = 301 LBS.				
TOTAL DEFORMED REINFORCING STEEL = 1063 LBS.				
*TOTAL CLASS "A" CONCRETE = 7.26 CU. YDS.				
AVERAGE PILE LOAD = 24.4 TONS				

ø To Provide for Future Extension of Bridge, End Bents are Designed for same Load as Intermediate Bents.

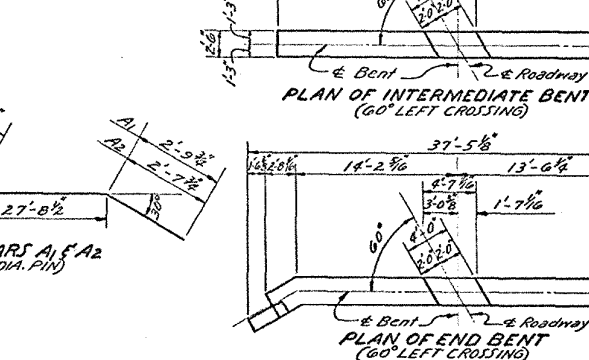
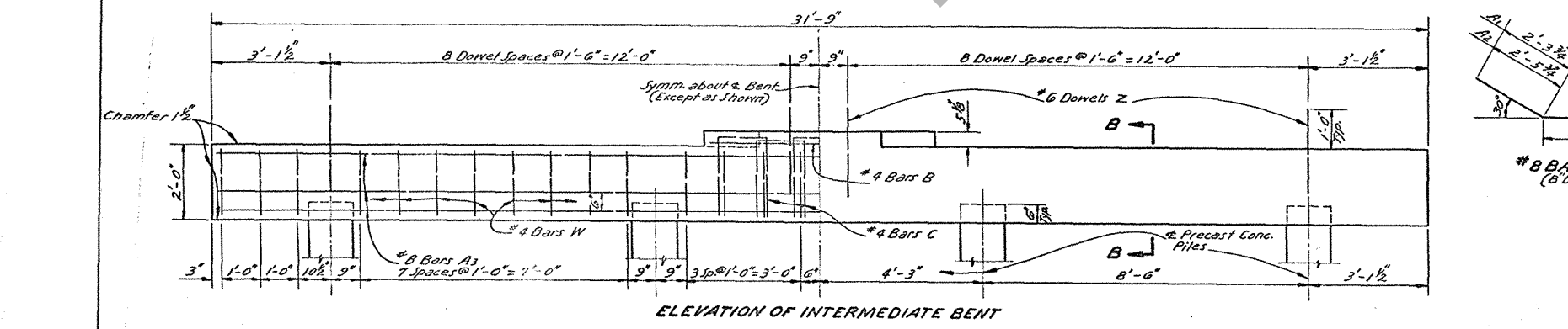


ESTIMATED QUANTITIES (INTERMEDIATE BENT)				
BAR SIZE	Nº	UNIT LENGTH	TOTAL LENGTH	LOCATION
A3	#8	8	31'-5"	Long. in Cap
TOTAL #8 BARS = 251'-4" = 671 LBS.				
Z	#6	18	2'-3"	Dowels in Cap
TOTAL #6 BARS = 40'-6" = 61 LBS.				
B	#4	3	4'-3"	Riser
C	#4	5	6'-6"	Riser
W	#4	30	8'-2"	Stirrups
TOTAL #4 BARS = 290'-3" = 194 LBS.				
*TOTAL DEFORMED REINFORCING STEEL = 926 LBS.				
*TOTAL CLASS "A" CONCRETE = 5.96 CU. YDS.				
AVERAGE PILE LOAD = 24.4 TONS				

ø Add 61 Lbs. Reinforcing Steel (18-#6 Dowels Z) When 2 Fixed Ends Occur on Same Intermediate Bent.



GENERAL NOTES:
 CONSTRUCTION SPECIFICATIONS: Latest Approved L.S. Dept. of Hwy. Standard Specifications.
 DESIGN SPECIFICATIONS: A.A.S.H.O. Standard Specifications for Highway Bridges, 1964, as Amended by Interim Specs. 1964.
 LIVE LOAD: H15-S4.
 Reinforcing Steel Bars shall be Intermediate or Hard Grade A.S.T.M. A15, or A.S.T.M. A160, or Rail Steel A.S.T.M. A16 Conforming with 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# Tar Paper. Close Fitting. Tubes Made of Compressible Material not Less than 1/16 Thickness May be Substituted. Tar Paper Wrappings to be Included in Price Bid for Class "A" Concrete.
 All Corners to be Chamfered 1/4" Unless Otherwise Noted.
 For Details of Concrete Piles, See Standard Plan Shown in General Plan.
 On End Bents, All Exposed Vertical Surfaces and Chamfers On Cap 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 20'-0" CONCRETE SLAB SPANS
LIVE LOAD: H15-44
24'-0" ROADWAY 1'-6" SAFETY CURBS

DATED March 1, 1967

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	<u>Khajit Sano</u>	DETAILED	<u>P. Brine</u>	TRACED	<u>R. Heath</u>
CHECKED	<u>Samir Salama</u>	CHECKED	<u>A. Eubank</u>	CHECKED	<u>J. Hamilton</u>

BRIDGE DESIGN SECTION