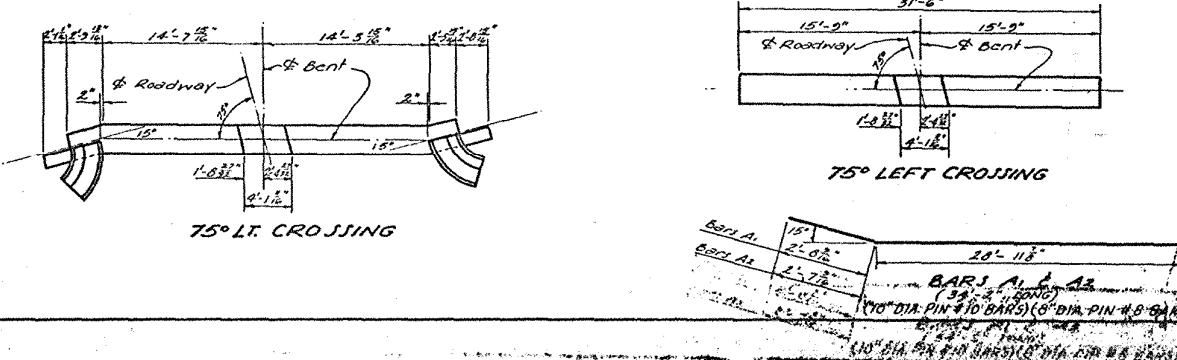
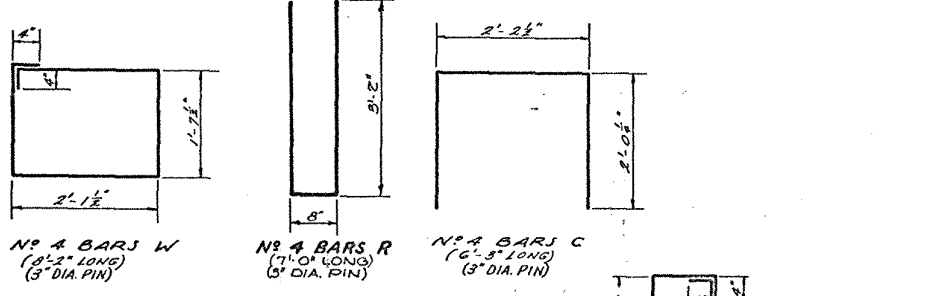
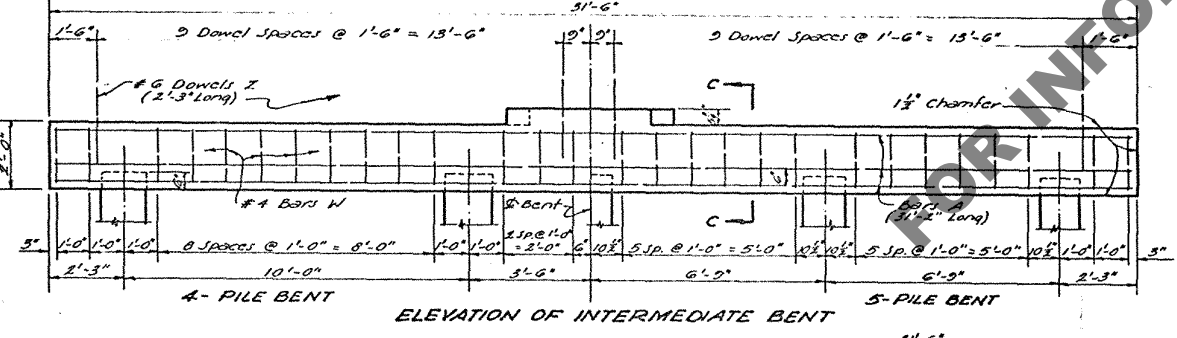
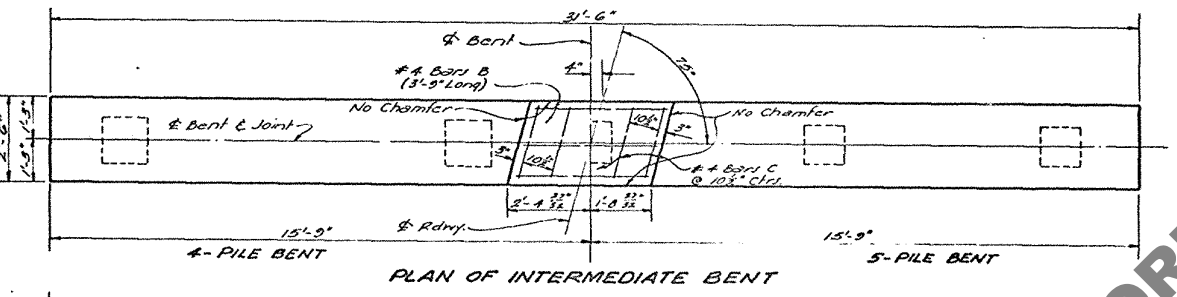


QUANTITIES AND PILE LOADS				
BENT TYPE	SIZE OF BARS A, A1 & A2	CLASS "A" CONCRETE (CU. YDS.)	DEFORMED REIN. STEEL (LBS.)	AVERAGE PILE LOAD (TONS)
4 PILE END BENT	#10	0.20	1010	51.1
5 PILE END BENT	#10	4.00	1880	51.1
4 PILE INTER. BENT	#10	5.50	2300	51.1
5 PILE INTER. BENT	#10	25.00	8000	51.1

\* Quantities computed on basis of 14" Precast Conc. Piles  
 † To provide for future extension of bridge, end bents are designed for same load as intermediate bents.  
 ‡ Add 5% of Reinforcing Steel (17% for Dowel Z) when 2 Fixed Ends occur on an Intermediate Bent.

**GENERAL NOTES**

CONSTRUCTION SPECIFICATIONS shall conform to Dept. of Highways Standard Specifications, 1964 Edition, with Design Specifications: A.A.I.H.O. Std. Spec. for Hwy. Bridges, 1964, as amended by Interim Specifications 1964. The Reinforcing Bars shall be in accordance with A.I.T.M. A15 or A16, with #6 Bars having a minimum diameter of 3/8" and #4 Bars having a minimum diameter of 1/2". All concrete to be Class "A". All exposed ends of #6 Dowels Z to be wrapped with 2 layers of 1/2" x 2" tape. All exposed ends of #6 Dowels Z to be wrapped with 2 layers of 1/2" x 2" tape. All exposed ends of #6 Dowels Z to be wrapped with 2 layers of 1/2" x 2" tape. All exposed ends of #6 Dowels Z to be wrapped with 2 layers of 1/2" x 2" tape.



**BENTS**

STANDARD PLAN  
**PRECAST CONCRETE PILE BENTS**  
 FOR 20'-0" CONCRETE SLAB SPANS  
 LIVE LOAD: H20-S16-44  
 28'-0" ROADWAY, 11'-0" SIDEWALKS

DATED 3/20/66

STATE OF LOUISIANA  
 DEPARTMENT OF HIGHWAYS

DESIGNED BY: [Signature]  
 CHECKED BY: [Signature]

CS515C-75-28P