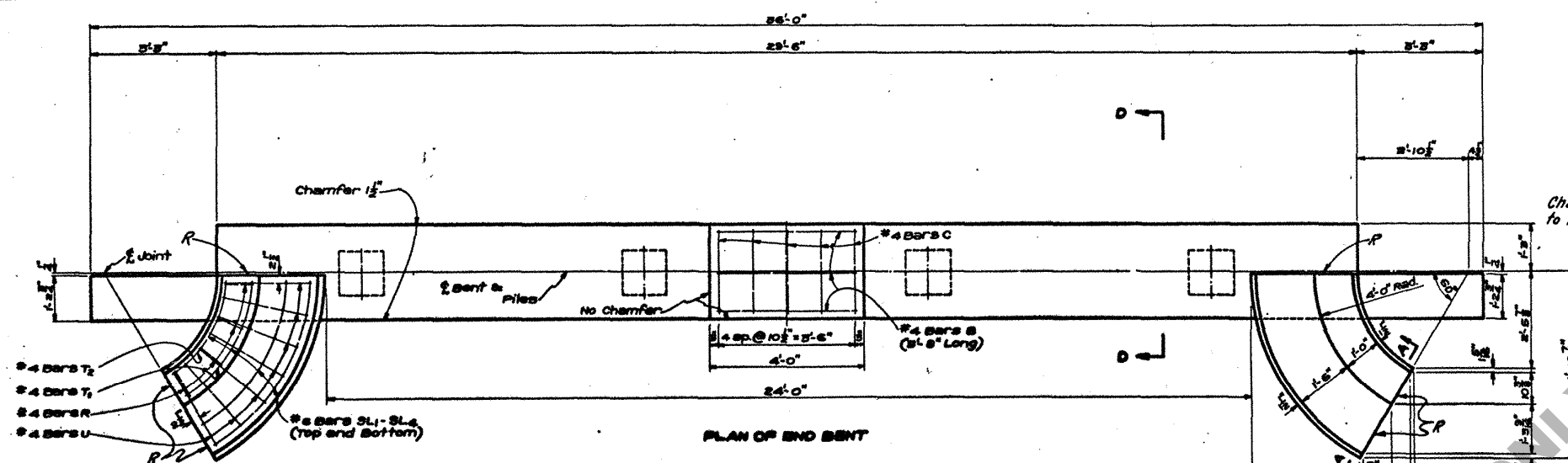
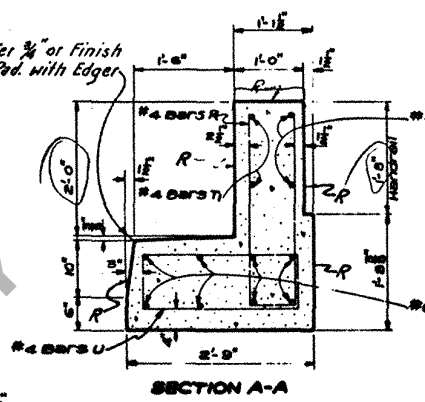
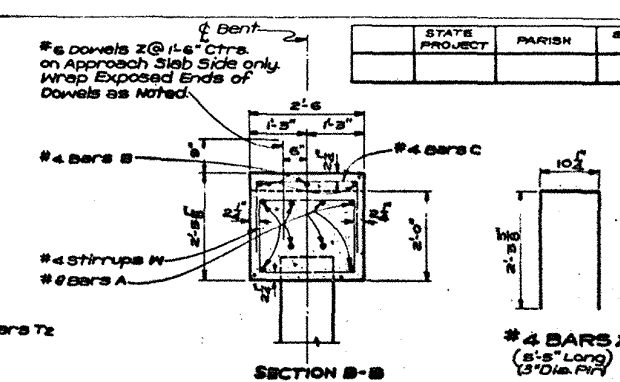




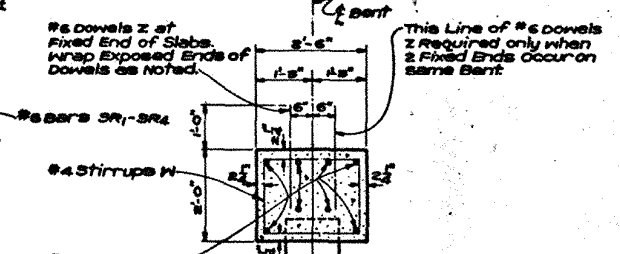
PLAN OF END BENT



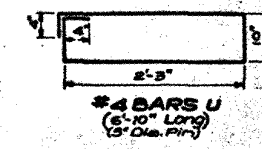
SECTION A-A



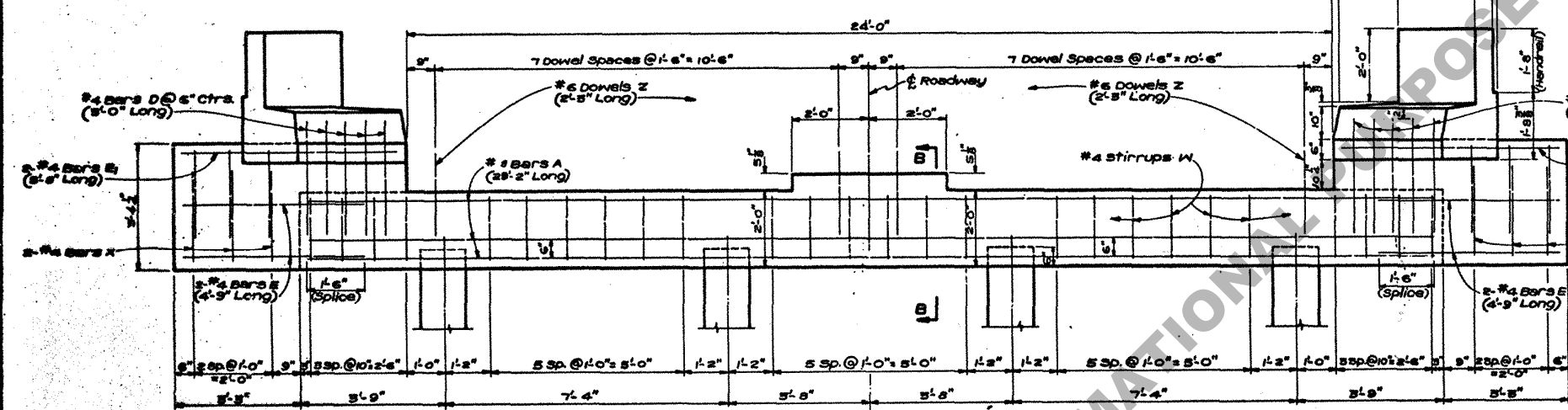
SECTION B-B



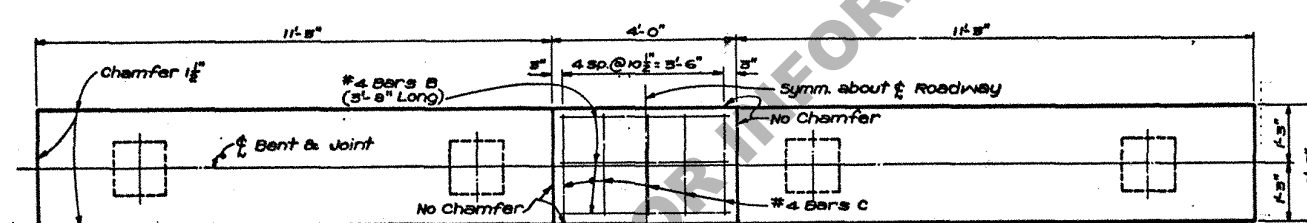
SECTION C-C



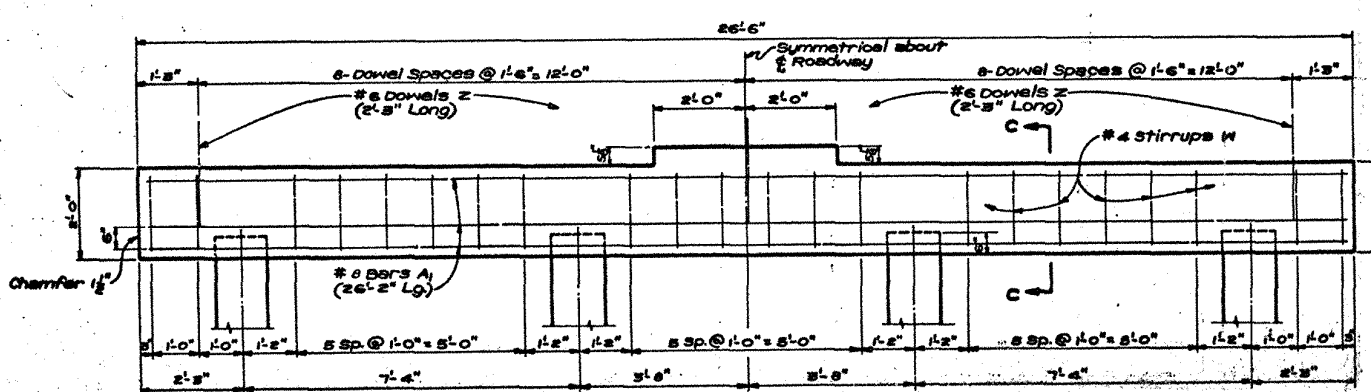
SECTION D-D



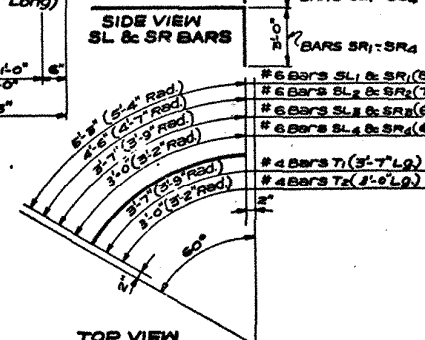
ELEVATION-END BENT



PLAN-INTERMEDIATE BENT



ELEVATION-INTERMEDIATE BENT



TOP VIEW

END ELEVATION
END BENT
(Opp. End Similar)

GENERAL NOTES:
Construction Specifications: Latest Approved Louisiana Department of Highways Standard Specifications.
Design Specifications: A.A.S.H.O. 1961 as amended to Dec. 31, 1962.
Live Load: H-15-44.
Reinforced Bars shall be Intermediate or Hard Grade A.S.T.M. A15 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 1/2" thick may be substituted.
For details of concrete piles see Standard Plan as shown on Gen. Plan.

Concrete and steel in sidewalk curb flare and handrail flare are included in bent cap quantities and are to be paid for as part of bent.
Chamfer all exposed corners unless otherwise noted.
Tar paper wrappings to be included in price bid for Class "A" concrete.
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.
R denotes Class 2 Rubbed Finish, not otherwise shown.
CS 15C-90-24P
CS-80-24P
To be used with Std. Plans

QUANTITIES & PILE LOADS			
BENT TYPE	CLASS "A" CONCRETE (CU. YDS.)	DEF. REINF. STEEL (LBS.)	AVG. PILE LOAD (TONS)
4-Pile End Bent #	2.48	236	23.5
4-Pile Inter. Bent	4.96	763	23.5

*Quantities computed on basis of 14" Prestressed Concrete Piles.
*To provide for future extension of bridge, end bents are designed for same load as intermediate bents.
*Add 51# of Reinforcing Steel (17# #6 dowels Z) when 2 fixed ends occur on an intermediate bent.

BENTS
STANDARD PLAN
PRECAST CONCRETE PILE BENT
FOR 20'-0" CONCRETE SLAB SPANS.
LIVE LOAD H-15-44
24'-0" ROADWAY 1'-6" SIDEWALKS
DATED June 19, 1962

STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	C. J. Smith	DETAILED	J. H. Smith
CHECKED	C. J. Smith	CHECKED	J. H. Smith
DATE	June 19, 1962	DATE	June 19, 1962
BRIDGE DESIGN SECTION			