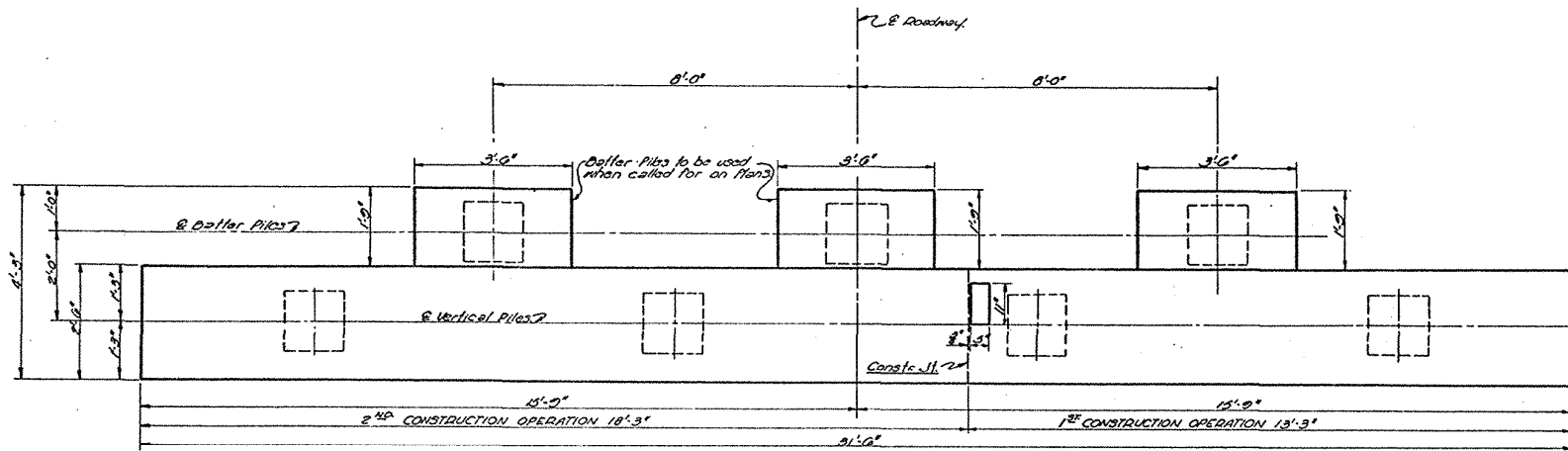
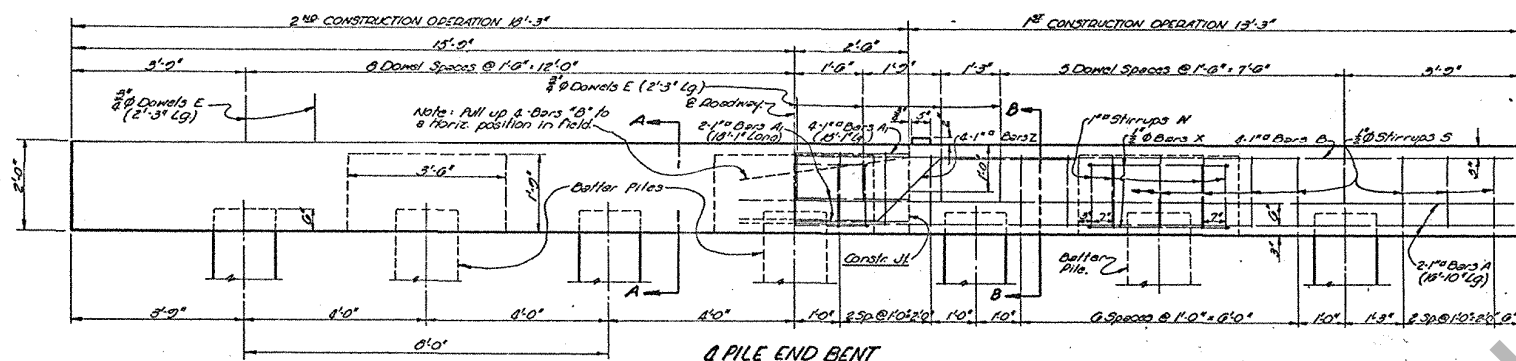
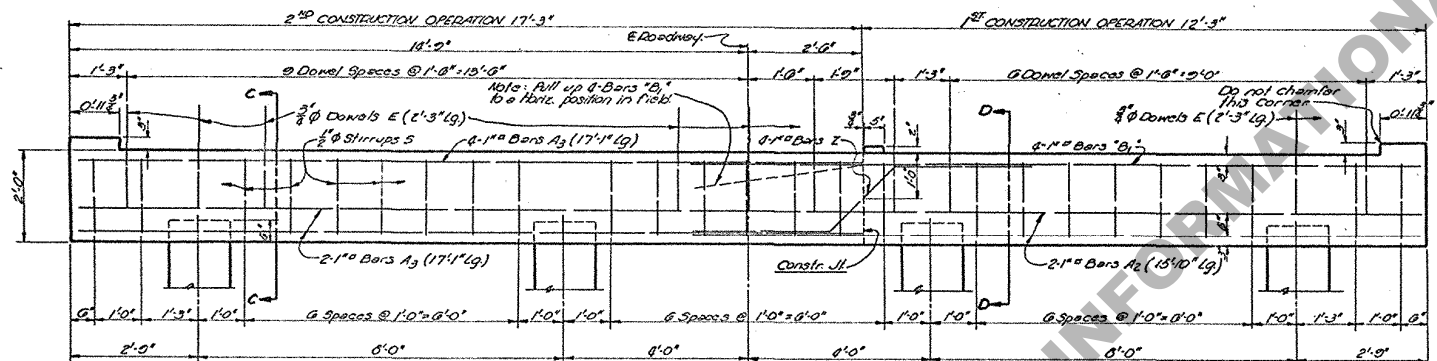




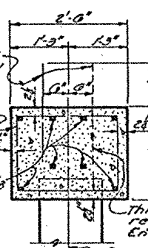
PLAN
Showing Batter Pile Spacing



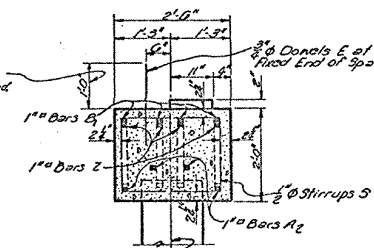
A PILE END BENT



B PILE INTERMEDIATE BENT



SECTION C-C

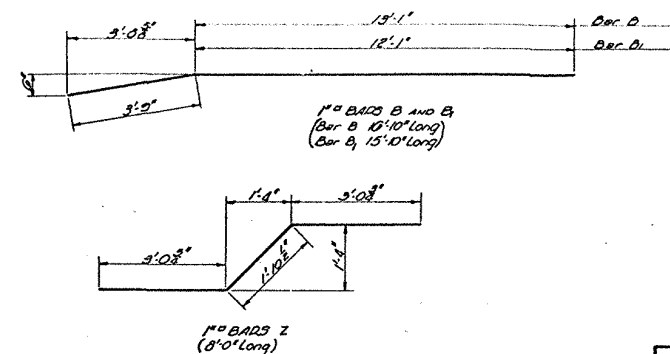


SECTION D-D

GENERAL NOTES:

Construction Specifications: Latest Approved Louisiana Highway Dept. Standard Specifications.
Design Specifications: AAS.HD. 1989.
Live Load: H-20-S16-44.
All dimensions relating to Reinforcing Steel are to bar centers.
All Reinforcing Steel to be Structural or Intermediate Grade.
All corners to be chamfered 1/2" unless noted.
All concrete to be Class "A".
All 3/4" Donuts "E" to be wrapped with 2 layers of 15 lb. Tar Paper. Class Filling tubes made of compressible material, not less than 3/16" thick, may be substituted for Tar Paper wrapping.

NOTE:
For details of Concrete Piles,
See Std. Plan C-5-142.



NOTE:
End Span to have Fixed End at End Bent
If Approach Slab is not used.

TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FEET)	SUBSOIL	BATTERED PILES #
TYPE 1	0-5	Poor	0
	0-8	Good	
TYPE 2	5-10	Poor	2
	0-10	Good	
TYPE 3	10+	Poor	3
	10+	Good	

QUANTITIES AND PILE LOADS			
Item	Class "A" Concrete (Cu. Yds)	Deformed Reinf. Steel (Lbs)	Average Pile Load (Tons)
A-PILE END BENT *			
TYPE 1	5.70	1200	28.0
TYPE 2	6.43	1596	28.0
TYPE 3	6.60	1759	28.0
INTERMEDIATE BENT			
A-PILE	5.30	1210	28.0

* To provide for future extension of bridge, the end bents are designed for same load as Intermediate Bents.
NOTE: Add 64 lbs. of Reinforcing Steel (10-3/4" Donuts E) when two Fixed Ends occur on one Intermediate Bent.
Add 64 lbs. of Reinforcing Steel (10-3/4" Donuts E) when Approach Slab is not used at End Bent.
Max. Pile Load Unless Otherwise Indicated By Br. Desn. Section 16" R.C. Piles = 3.2 Tons per Pile

STANDARD PLAN REINFORCED CONCRETE PILE BENTS FOR CONCRETE SLAB SPANS - SPLIT CONSTRUCTION 10 FT. SPAN - H-20-S16-44 LOADING 26'-0" CLEAR ROADWAY - 1'-6" SIDEWALKS TO BE USED WITH STD. PLAN C-F5-2-20 DATED APR. 23, 1989			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED BY: [Signature]	DETAILED BY: [Signature]	CHECKED BY: [Signature]	TRACED BY: [Signature]
DATE: [Date]	DESCRIPTION: [Description]	CHECKED: [Date]	CHECKED: [Date]
BRIDGE DESIGN SECTION			