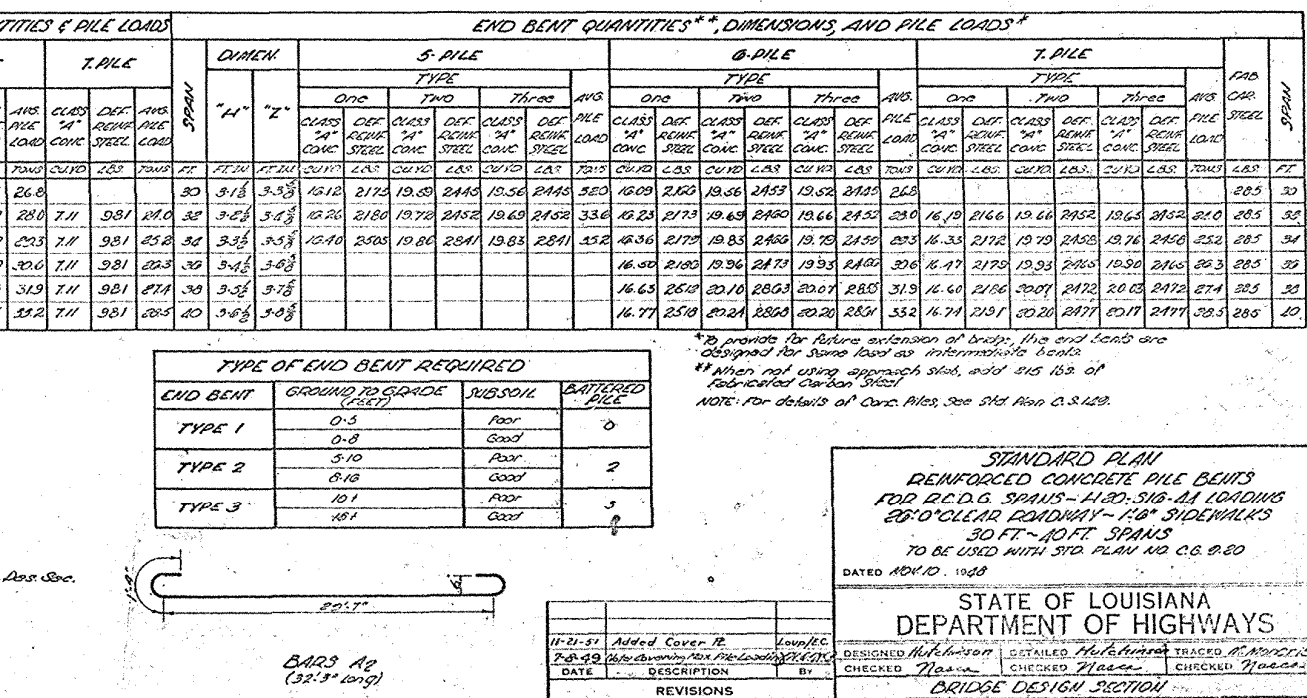
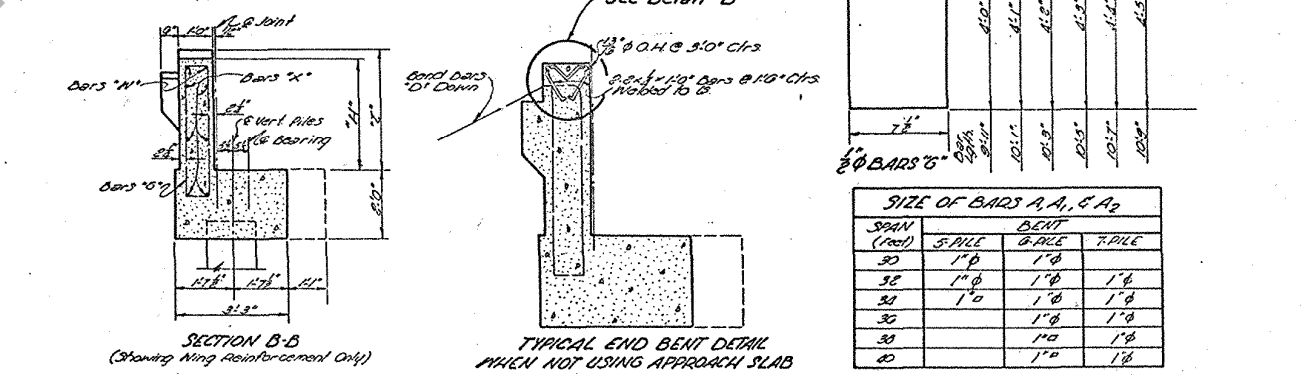
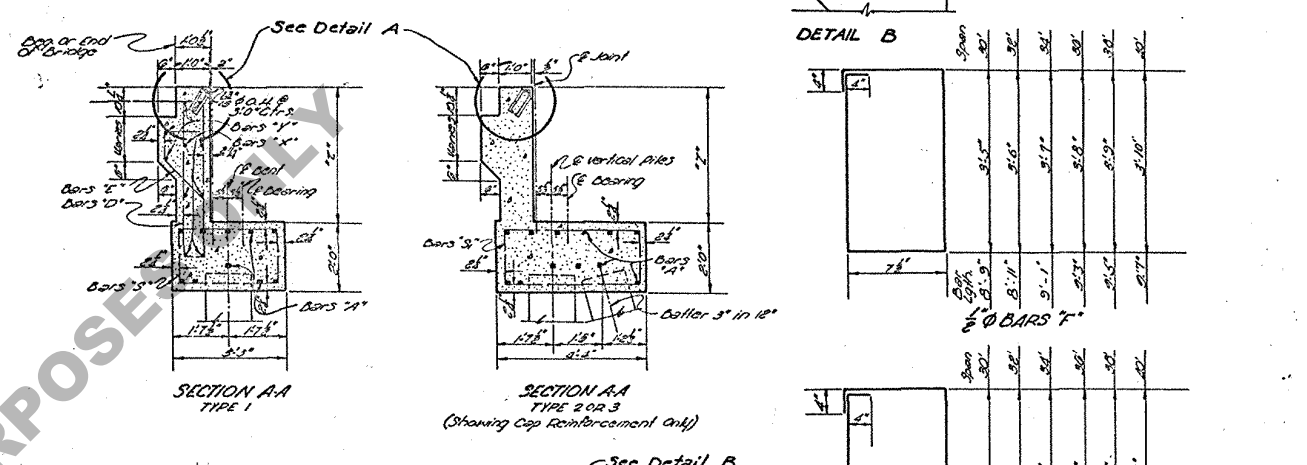
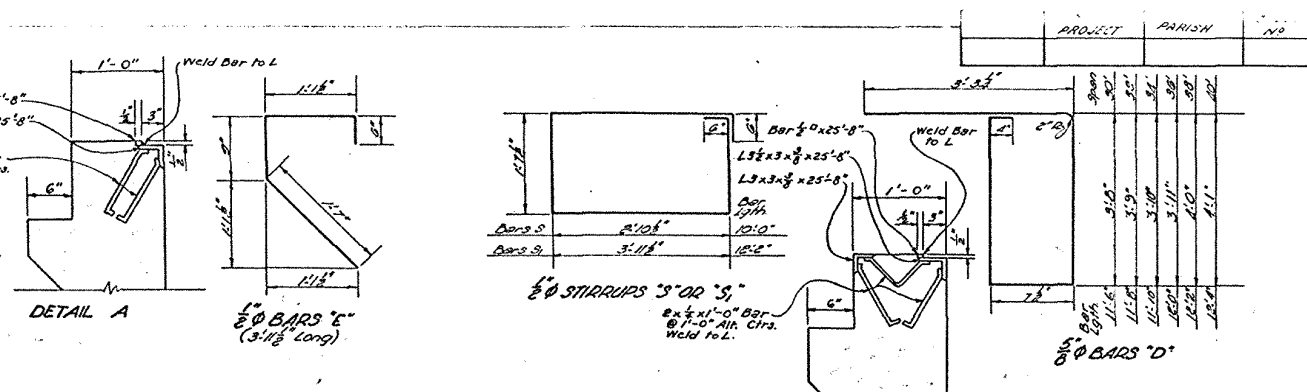




GENERAL NOTES:

Construction Specifications: Latest Approved LA Highway Department Standard Specifications  
Design Specifications: A.R.M.D. 1054 as amended Dec. 15, 1945  
Live Load: A.H.D. S10-44  
All concrete to be Class "A"  
Reinforcing Steel to be Structural or Intermediate Grades.  
Quantities computed assuming use of 6" min.  
depth of expansion material to be included in price bid  
for other items.

Max. Pile Loads Unless Otherwise Instructed By

|                |                     |
|----------------|---------------------|
| 14" A.C. Piles | = 20 tons per pile. |
| 16" A.C. Piles | = 30 tons per pile. |
| 18" A.C. Piles | = 50 tons per pile. |

| TYPE OF END BENT REQUIRED |                           |         |                  |
|---------------------------|---------------------------|---------|------------------|
| END BENT                  | GROUND TO GRADE<br>(FEET) | SUBSOIL | BATTERED<br>PILE |
| TYPE 1                    | 0-5                       | Poor    | 0                |
|                           | 0-8                       | Good    |                  |
| TYPE 2                    | 5-10                      | Poor    | 2                |
|                           | 0-18                      | Good    |                  |
| TYPE 3                    | 10-1                      | Poor    | 5                |
|                           | 18-1                      | Good    |                  |

\* To provide for future extension of bridge, this end bents are designed for same load as intermediate bents.  
 \*\* When not using approach slab, add 215 lbs. of Fabricated Carbon Steel.  
 NOTE: For details of Conc. Piles, see Std. Plan C.S. 129.

STANDARD PLAN  
REINFORCED CONCRETE PILE BENTS  
FOR R.C.D.G. SPANS - 14.20, 316-M LOADINGS  
20'-0" CLEAR ROADWAY - 1'-0" SIDEWALKS  
30 FT. - 40 FT. SPANS  
TO BE USED WITH STD. PLAN NO. C.G. 9-20

DATE NOV-10-1960

STATE OF LOUISIANA  
DEPARTMENT OF HIGHWAYS

|                           |                           |                            |
|---------------------------|---------------------------|----------------------------|
| DESIGNED <u>Mulvihill</u> | DETAILED <u>Mulvihill</u> | TRACED <u>R. M. Morris</u> |
| CHECKED <u>Flanagan</u>   | CHECKED <u>Flanagan</u>   | CHECKED <u>Flanagan</u>    |

102  
BRIDGE DESIGN SECTION