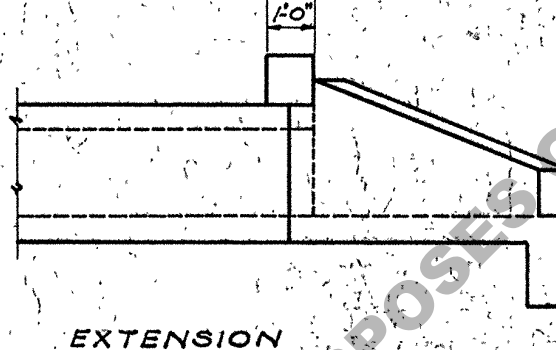
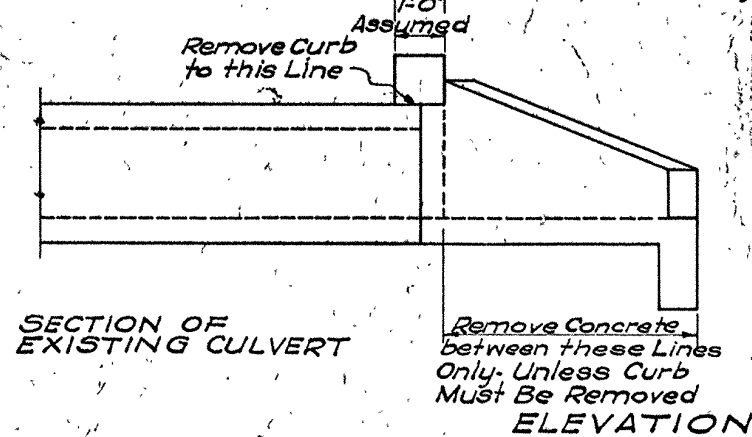


Length Of Extended Culvert Inside- Inside Of Headwalls
 Length Of Present Culvert Inside- Inside Headwalls
 Length Of Extension as Shown On Summary Sheet, Limits of Pay Quantities



METHOD OF MAKING CULVERT EXTENSIONS

1. Remove Old Concrete from Wings and Apron Slab of Present Culvert.
 2. Bend Exposed Wing Bars Straight so New Longitudinal Bars May be Spliced to Old Steel.
 3. Leave in Place 2'-0" of Steel Exposed by Removal of Concrete in Apron so that New Longitudinal Bars in Bottom Slab of Extension May be Spliced thereto.
 4. Remove Old Headwalls Down to Elevation of top Slab if Fill Above Top Slab is 2'-0" or Less, if Fill Exceeds 2'-0" it will Not be Necessary to Remove Curbs.
 5. Drill Holes 12"x1/2" in End of Slab at 12" ctrs for Dowel Bars to Connect Old Concrete With Extension.
 6. Construct Extension in Accordance With Standard Plan Designated.
- Dowel Bars shall not be set until extension is ready to be poured.

*Note: In Case Culvert In Place has No Aprons, Bottom Slab Must be Dowelled as in No 5 Above, Toe Wall To Remain in Place.

Payment: Contractor Will Not be Paid for any Quantities Which Fall Outside the Length of Extension as Shown on this Plan.

If The Contractor wishes to Cut Back into Old Structure Far enough to Obtain Bond, in Preference to Using Dowels, this Method Will be Permitted but the Pay Length Will Still be Measured as Outlined Above. If Contractor is required to remove H. Walls of Existing Culvert, this work shall be done before Starting Work on Extension. Where New and old Concrete are to be bonded, the old Concrete shall be thoroughly roughened by chipping, before pouring new concrete.

METHOD OF CONSTRUCTION
 CONCRETE CULVERT EXTENSION
 LOUISIANA HIGHWAY COMMISSION
 Baton Rouge, La.

Jan. 1930

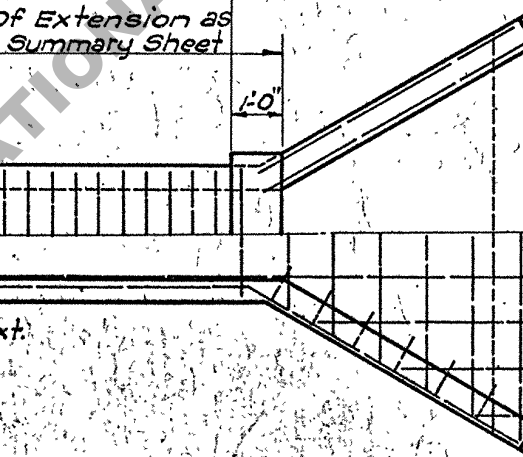
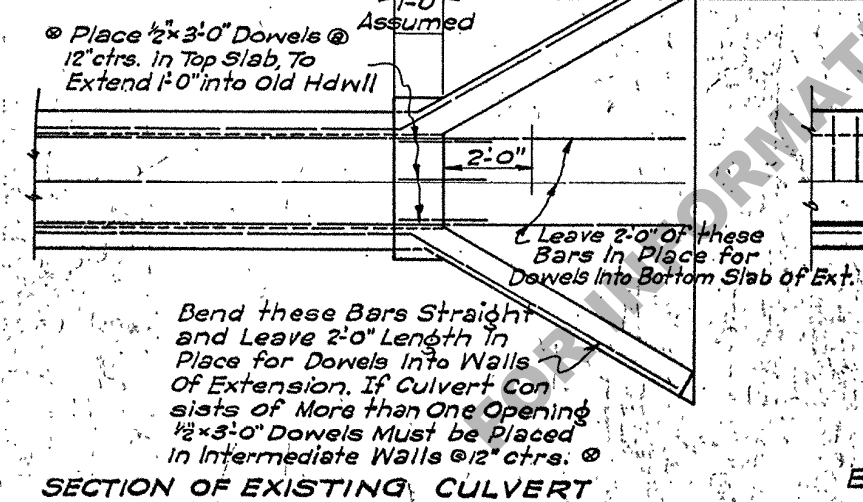
Retraced - June 3, 1931 By EFK.

EXTENSION TO CULVERTS HAVING STRAIGHT HEADWALLS

If Culvert to be extended has straight Headwalls Contractor will be Required to Cut Back into Old Structure 2'-0" in Order to obtain bond for Extension. Payment for this work will include that quantity of Concrete and Steel Required, to Rebuild the two feet of Barrel form away in addition to the Quantities involved in the extension itself. If for any reason whatever the old Culvert is cut away more than 2'-0" in making bond, the Quantities involved above 2'-0" Length allowed will be at the Contractors expense as no payment for same will be made by the Louisiana Highway Commission.

NOTE: When Extensions are of such length that Weep Holes are necessary, about One (1) Cu. Ft. of large size gravel or loose rock shall be placed behind and around each Weep Hole placed. Year Plates (Standard Plan C-M-97) will be placed on each new Headwall constructed.

Length Of Extended Culvert Inside- Inside Of Headwalls
 Length Of Present Culvert Inside- Inside Headwalls
 Length Of Extension as Shown On Summary Sheet



① In Extending Culverts With Flaring Wing Headwalls Where Extension is 2'-0" or Less No Longitudinal Reinforcing will be Required in Top Slab and Intermediate Walls Other than Dowels, (Nor in Bottom Slab Where There is no Apron). Dowels to Extend 1'-0" into Existing Culvert and to Within 12" of End of Extension.

Putland
Quard