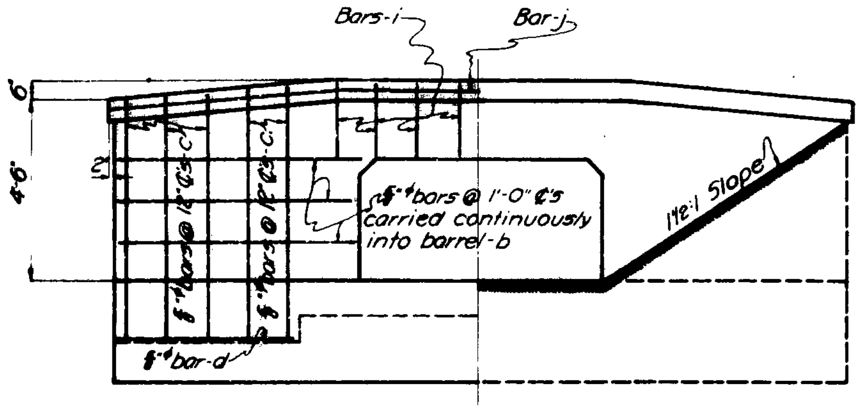
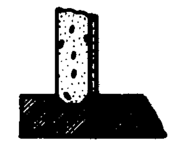
Bench Mark: #67 Spike in root of willow on N. Sta. 737+15 El. 657.85

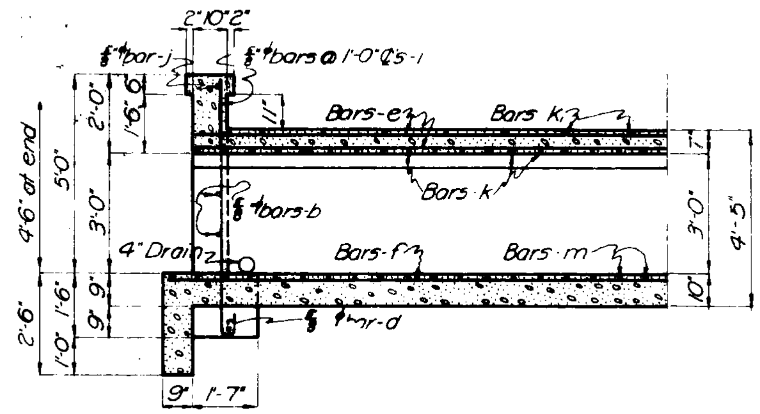


ELEVATION
Scale: 3/8" = 1'-0"

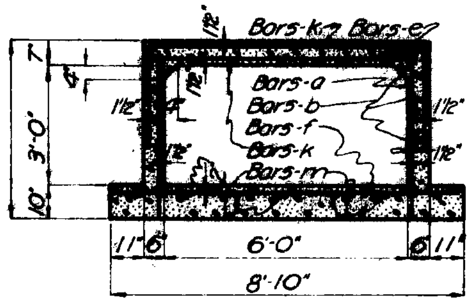
Reinforcing Steel
Walls: Vert. 5/8"# bars @ 12" ℄'s — a
Hor. 5/8"# bars @ 12" ℄'s — b
Slab: Long. 5 - 5/8"# bars - e
Trans. (Top) 5/8"# bars @ 1'-6" ℄'s - k
Trans. (Bottom) 5/8"# bars @ 6" ℄'s - k
Floor: Long. 5/8"# bars @ 1'-3" ℄'s - f
Trans. ½"# bars @ 6" ℄'s - m.
Wings and parapets reinforced as shown.



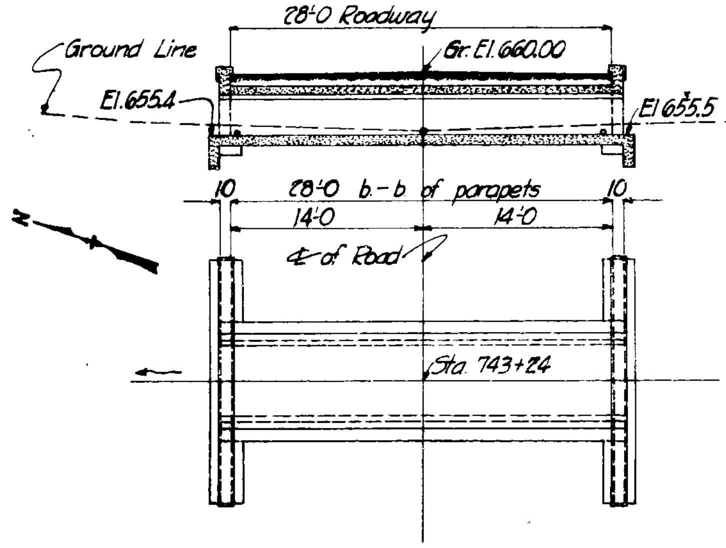
Keyed notch extending thru barrel and wings. Notch formed by beveled 2"x4" timber.



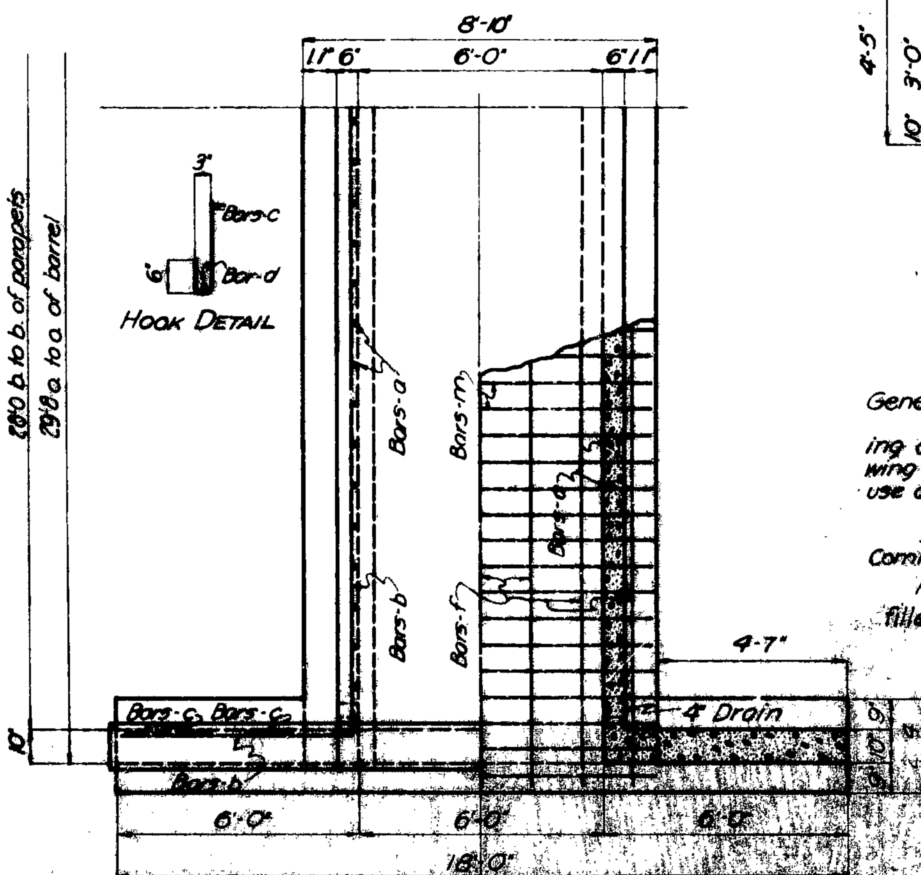
LONGITUDINAL SEC. on ℄
Scale: 3/8" = 1'-0"



CROSS SECTION
Scale: 3/8" = 1'-0"

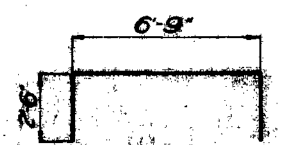


SITUATION PLAN
Scale: 1/8" = 1'-0"



PLAN
Scale: 3/8" = 1'-0"

General Notes:
Longitudinal bars b, to be continuous, splicing of bars in no case to occur at junction of wing and barrel. If longitudinal bars are spliced use a 2'-0" lap.
Footings to be carried deeper if necessary.
Standard Specifications of Iowa Highway Commission. Use 1923 series for construction.
All exposed corners 90° or sharper to be filleted with a 1" dressed bevelled strip.



DETAIL OF BAR K.

QUANTITIES
Concrete 24.6 Cu. Yds
Steel 1930 pounds

Bridge No.
Section No. 29
Deer Creek Twp
Clinton County

Design for
6' x 3' Box Culvert
Reinforced Concrete
Station 743+24 Primary Project No. 352 B.257
CLINTON COUNTY
Iowa Highway Commission
August 1923 Scales as noted

Design # 53 Clinton County 1923