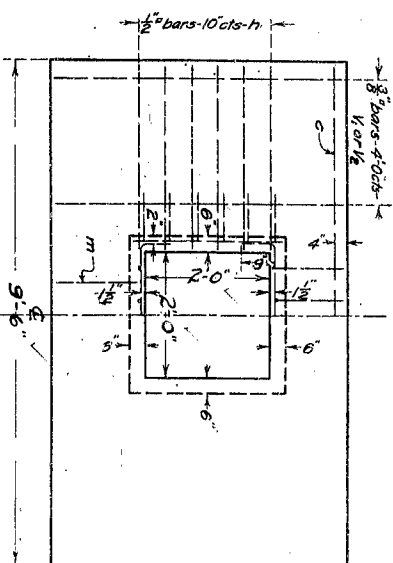
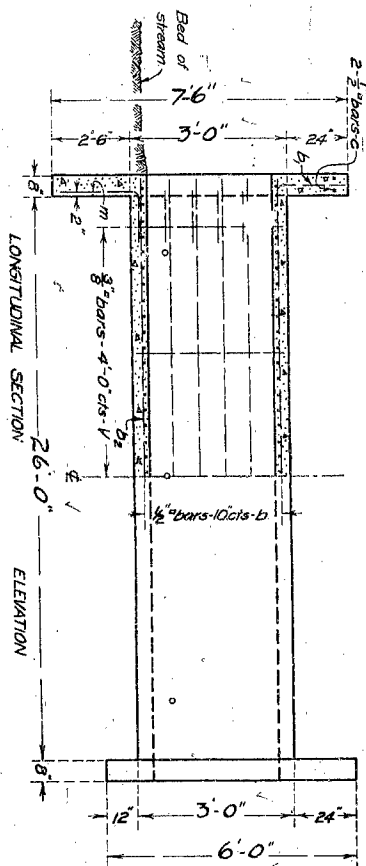


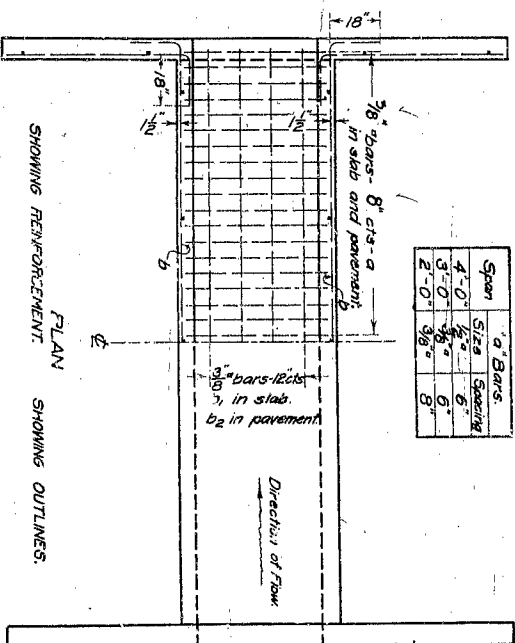
STATE OF ILLINOIS
STATE HIGHWAY DEPARTMENT
REINFORCED CONCRETE BOX CULVERT



END ELEVATION
SHOWING REINFORCEMENT
SHOWING OUTLINES.

Note:
Fill over box should be limited
to 4'-0".
Minimum Clearance = 4'-0"
Use "m" bars in downstream
headwall only.

Span	a Bars
4'-0"	1/2"
3'-0"	3/8"
2'-0"	5/8"



PLAN
SHOWING REINFORCEMENT
SHOWING OUTLINES.

Bars	No.	Size	Length
1/2"	14	3/8"	2'-9"
1/2"	4	3/8"	7'-0"
1/2"	4	3/8"	5'-6"
1/2"	16	3/8"	5'-0"
a	82	3/8"	4'-0"
b	16	3/8"	16'-0"
b ₂	4	3/8"	14'-6"
c	4	3/8"	3'-0"
m	2	1/2"	5'-0"
Steel - Lbs.	580		
Concrete - Cu. Yds.	7.8		

Class A concrete to be used throughout
Proportions 1 - 2 1/4 - 4

DESIGNED BY	W. H. H. H. H.
CHECKED BY	W. H. H. H. H.
APPROVED BY	W. H. H. H. H.
DATE	10/1/52

APPROVED
STATE HIGHWAY ENGINEER

618-52
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