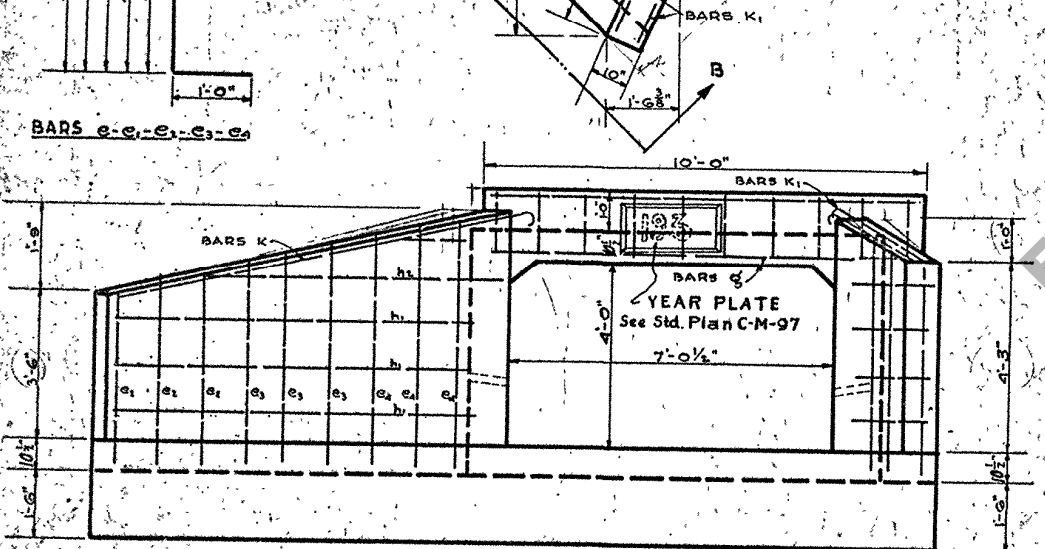
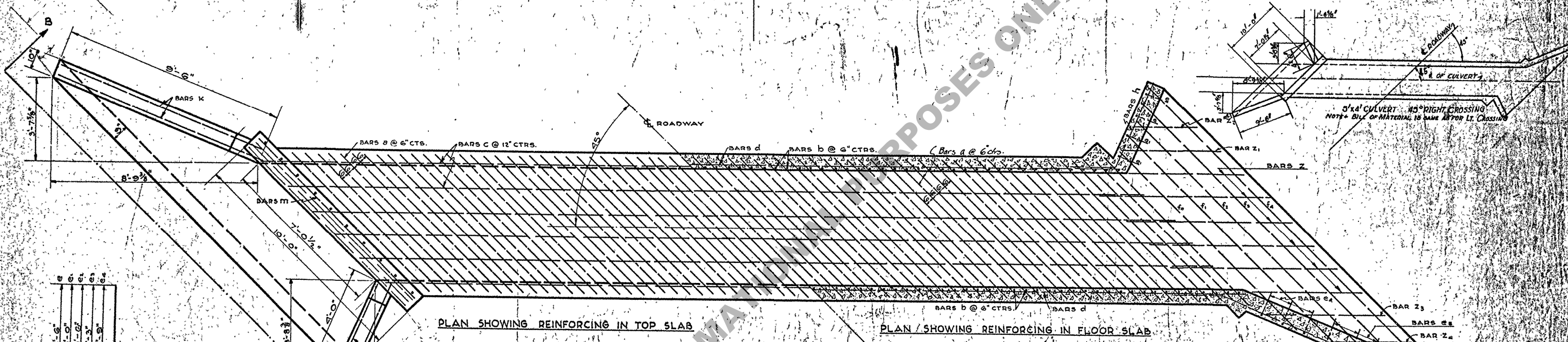
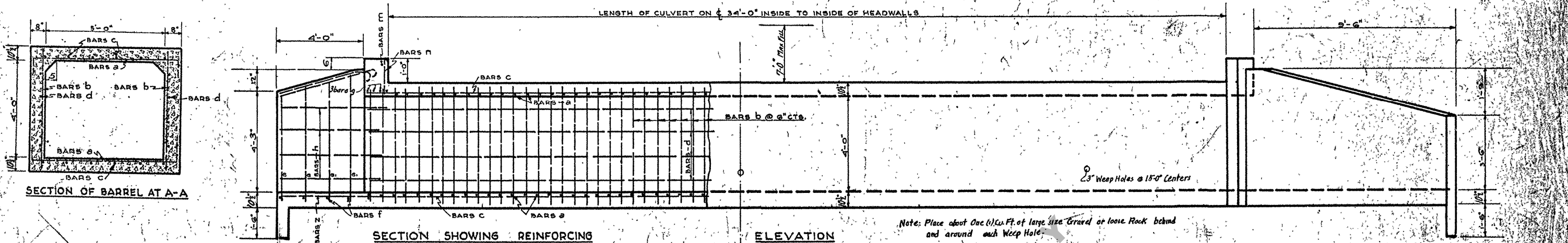
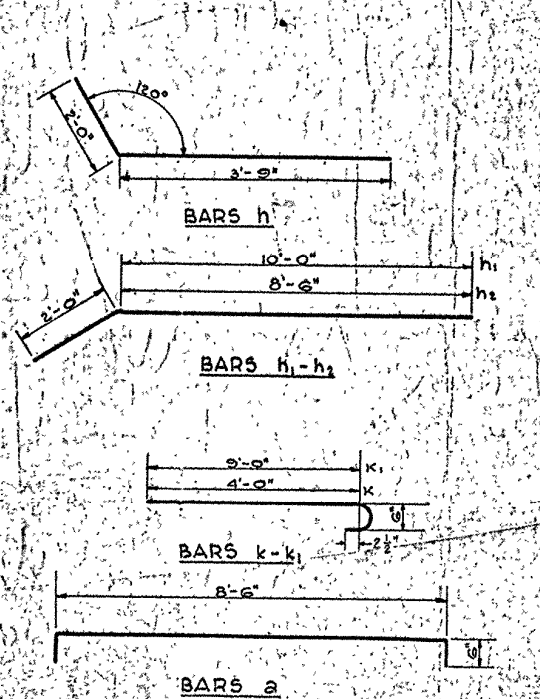




BILL OF MATERIAL

MARK	NO. REQ.	SIZE	UNIT	TOTAL WEIGHT
a	100	3/8"	9'-6"	142.7
b	146	3/8"	5'-6"	68.5
c	12	3/8"	35'-6"	34.2
d	8	3/8"	35'-6"	24.1
e	1	3/8"	5'-6"	1.9
f	1	3/8"	4'-6"	2.5
g	1	3/8"	5'-6"	2.7
h	2	3/8"	10'-0"	2.9
i	2	3/8"	12'-0"	3.4
j	2	3/8"	14'-0"	3.9
k	2	3/8"	16'-0"	4.5
l	2	3/8"	17'-0"	5.0
m	2	3/8"	18'-0"	5.5
n	2	3/8"	19'-0"	6.0
o	2	3/8"	20'-0"	6.5
p	2	3/8"	21'-0"	7.0
q	2	3/8"	22'-0"	7.5
r	2	3/8"	23'-0"	8.0
s	2	3/8"	24'-0"	8.5
t	2	3/8"	25'-0"	9.0
u	2	3/8"	26'-0"	9.5
v	2	3/8"	27'-0"	10.0
w	2	3/8"	28'-0"	10.5
x	2	3/8"	29'-0"	11.0
y	2	3/8"	30'-0"	11.5
z	2	3/8"	31'-0"	12.0
aa	2	3/8"	32'-0"	12.5
ab	2	3/8"	33'-0"	13.0
ac	2	3/8"	34'-0"	13.5
ad	2	3/8"	35'-0"	14.0
ae	2	3/8"	36'-0"	14.5
af	2	3/8"	37'-0"	15.0
ag	2	3/8"	38'-0"	15.5
ah	2	3/8"	39'-0"	16.0
ai	2	3/8"	40'-0"	16.5
aj	2	3/8"	41'-0"	17.0
ak	2	3/8"	42'-0"	17.5
al	2	3/8"	43'-0"	18.0
am	2	3/8"	44'-0"	18.5
an	2	3/8"	45'-0"	19.0
ao	2	3/8"	46'-0"	19.5
ap	2	3/8"	47'-0"	20.0
aq	2	3/8"	48'-0"	20.5
ar	2	3/8"	49'-0"	21.0
as	2	3/8"	50'-0"	21.5
at	2	3/8"	51'-0"	22.0
au	2	3/8"	52'-0"	22.5
av	2	3/8"	53'-0"	23.0
aw	2	3/8"	54'-0"	23.5
ax	2	3/8"	55'-0"	24.0
ay	2	3/8"	56'-0"	24.5
az	2	3/8"	57'-0"	25.0
ba	2	3/8"	58'-0"	25.5
bb	2	3/8"	59'-0"	26.0
bc	2	3/8"	60'-0"	26.5
bd	2	3/8"	61'-0"	27.0
be	2	3/8"	62'-0"	27.5
bf	2	3/8"	63'-0"	28.0
bg	2	3/8"	64'-0"	28.5
bh	2	3/8"	65'-0"	29.0
bi	2	3/8"	66'-0"	29.5
bj	2	3/8"	67'-0"	30.0
bk	2	3/8"	68'-0"	30.5
bl	2	3/8"	69'-0"	31.0
bm	2	3/8"	70'-0"	31.5
bn	2	3/8"	71'-0"	32.0
bo	2	3/8"	72'-0"	32.5
bp	2	3/8"	73'-0"	33.0
bq	2	3/8"	74'-0"	33.5
br	2	3/8"	75'-0"	34.0
bs	2	3/8"	76'-0"	34.5
bt	2	3/8"	77'-0"	35.0
bu	2	3/8"	78'-0"	35.5
bv	2	3/8"	79'-0"	36.0
bw	2	3/8"	80'-0"	36.5
bx	2	3/8"	81'-0"	37.0
by	2	3/8"	82'-0"	37.5
bz	2	3/8"	83'-0"	38.0
ca	2	3/8"	84'-0"	38.5
cb	2	3/8"	85'-0"	39.0
cc	2	3/8"	86'-0"	39.5
cd	2	3/8"	87'-0"	40.0
ce	2	3/8"	88'-0"	40.5
cd	2	3/8"	89'-0"	41.0
ce	2	3/8"	90'-0"	41.5
cf	2	3/8"	91'-0"	42.0
cg	2	3/8"	92'-0"	42.5
ch	2	3/8"	93'-0"	43.0
ci	2	3/8"	94'-0"	43.5
cj	2	3/8"	95'-0"	44.0
ck	2	3/8"	96'-0"	44.5
cl	2	3/8"	97'-0"	45.0
cm	2	3/8"	98'-0"	45.5
cn	2	3/8"	99'-0"	46.0
co	2	3/8"	100'-0"	46.5

TOTAL REIN. STEEL 3382 LBS.
 CU. YDS. CLASS A CONCRETE = 31.73
 CU. YDS. CLASS A CON. PER LIN. FT. BARREL = 61
 POUNDS STEEL PER LIN. FT. BARREL = 674



GENERAL NOTES
 General Specifications, La. Highway Comm. Feb. 1921
 Concrete - All Class A 1:2:4 Mix.
 Reinforcing - Mild steel Deformed Bars.
 All Exposed Surfaces to be Chamfered 3/8".
 All Exposed Surfaces to be Rubbed smooth while concrete is green.
 All Reinforcing Bars located 1/2" from surface unless shown otherwise.
 Dimensions relating to Bars are to centers of Bars.
 All Reinforcing to be rigidly held against Displacement During Placing of Concrete and all bars to be wired at Intersections.

**STANDARD
 CONCRETE BOX CULVERT
 5X4 45° CROSSING**

**Louisiana Highway Commission
 Baton Rouge, La.**

Scale 1/8" = 1'-0"
 APPROVED: *[Signature]*
 STATE HIGHWAY ENGINEER
 AUGUST 1929