DAYTON AVE.

7+20

65'

459.3

140'

490 EXISTING S.S.

98.75'

150'

490'

331.6'

497.58'

SYCAMORE ST.

310'

300'

300'

80'

80'

Concrete for structure shall contain not less than 6.25 bbls. of cement per cu.yd of concrete. In no event shall the total water content exceed 5.25 gals. per sack of cement. The mixture of fine and coarse aggregate shall be such as to produce a maximum density of a most workable mixture.

IN GENERAL: Pipes will enter and leave the box at various angles and elevation use diagonal reinforcing bars as shown.

2'x5' Std. C.B.

Variable

Flo 97.97

Flo 98.32

Use ¾" ø Re-bars 12" c-c

ELEVATION
EAST END

DETAIL OF JUNCTION BOX
STA 4+70 LINE 1

PLAN VIEW

2'MH Cover

2'x5' Std. C.B.

¾" ø Re-bar 12" c-c

Std. 2'x5' Catch basins shall be of brick construction

Scale: 1"=60'

Remove catch basins - join the existing 24" line from the school to the existing 30" RCP with a std. brick manhole.

368'

30" RCP

24" RCP

STA 4+70 CONSTRUCT CONC. JUNCTION BOX SEE DETAIL

0+00 LINE 2

LINE 2 24" RCP

R of W

EXISTING 30" VCP

NEW 30" RCP

Cmpsn.

BLVD.

McCORMICK AVE

393'

0+00 LINE 3

LINE 3 24" RCP

438.9'

382'

MIDLAND VALLEY

McCLEAN

ENGINEER - Tie in all irons and monuments that may be destroyed

5'-9.0"

150'

LINCOLN

90'

Iron

Dale
Drawn by
Checked by
Book No

7-31-53
McClain
CHM & LTT

BM 103.27 Bolt in W.S. Tel. Pole 100' South of McCormick AV of Mid. Val. RR

LINE 1

RCP 44'

Flo 93.40

Flo 97.47

LINE 2

24" RCP 0.10%

Flo in 98.30
Flo out 97.97

0.55 Flo 97.52

Fig 99.22
INSTALL 2-2'x5' C.B.S EACH SIDE OF STREET WITH 4-18" RCP BETWEEN C.B.S

LINE 3

24" RCP 0.16%

Flo in 97.97
Flo out 97.47

Flo 98.56

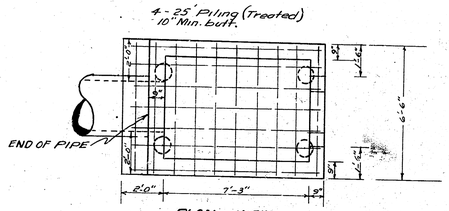
CONSTRUCT 6. 2'x5' C.B.S 3 EACH SIDE OF STR. WITH 4-18" RCP BETWEEN C.B.S

WEST HIGH SCHOOL S.W.S.
CITY OF WICHITA KANSAS

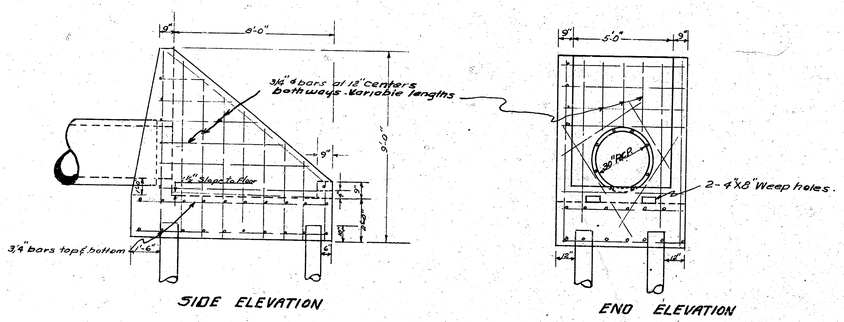
SHEET 1 of 2

Concrete for structure shall contain not less than 1.65 bbls. of cement per cu.yd. of concrete. In no event shall the total water contain exceed 6.25 gal. per sack of cement. The mixture of fine and course aggregate shall be such as to produce a maximum density of a most workable mixture.

Where pipes enter the structure use diagonal bars as shown on the plan



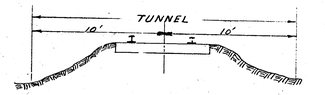
PLAN VIEW

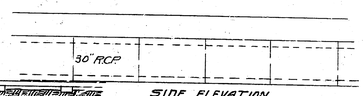


SIDE ELEVATION

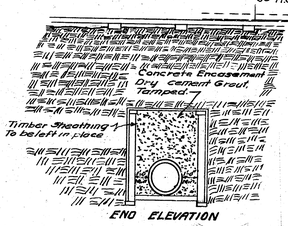
END ELEVATION

REIN. CONCRETE OUTFALL STRUCTURE



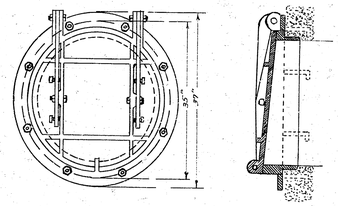


SIDE ELEVATION



END ELEVATION

TUNNEL DETAIL



PEKRUL MODEL 16 AUTOMATIC FLAP GATE