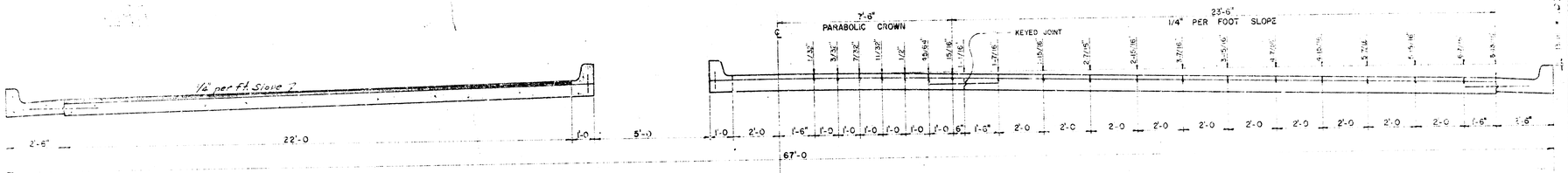
CENTRAL AVENUE

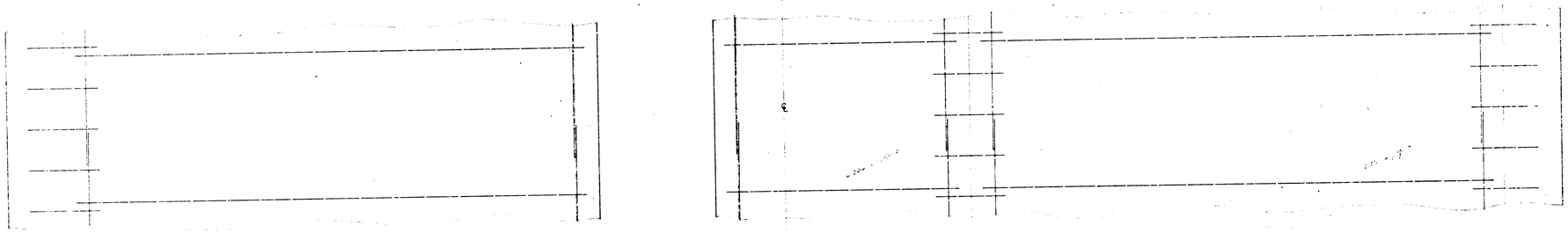
℄ PENNSYLVANIA TO ℄ HYDRAULIC

PROJECT No. DAKM 570014

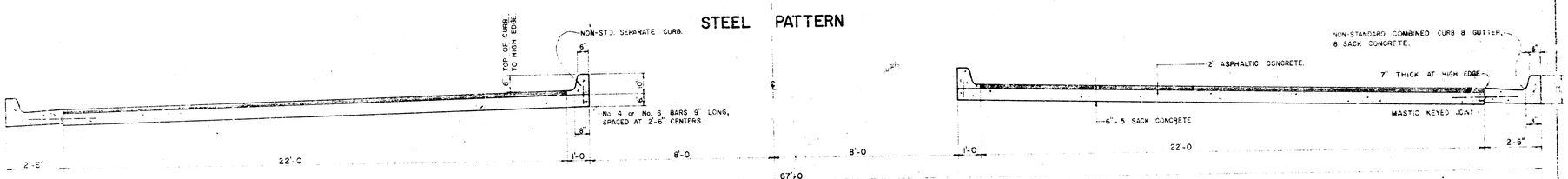
R. W. LINN CITY ENGINEER, CITY of WICHITA, KANSAS.



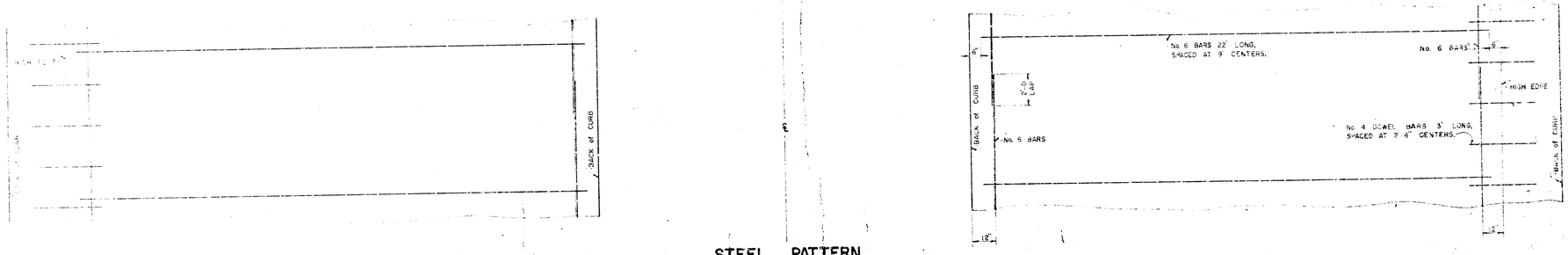
TYPICAL SECTION AT LEFT TURN LANE



STEEL PATTERN



TYPICAL SECTION AT FULL MEDIAN



STEEL PATTERN

1/3

Base Line is back of median curb.
3.95384 min./ft.

5' offset back curb R=429.98' L=88.62'

Station	Point	Alignment	Deflection	Chord	Arc
39+07.65	P.C.C.	Δ=11°50'	5°55'	7.57'	7.57'
39+00		R=434.08	5°24'43"	24.71'	24.71'
38+75		L=83.65'	3°45'43"	24.71'	24.71'
38+50		T=45'	2°06'43"	31.63'	31.63'
38+18	P.C.C.				

Base Line is back of median curb.
3.87709 min./ft.

5' offset back curb R=169.03' L=29.42'

Station	Point	Alignment	Deflection	Chord	Arc
39+52.4	P.R.C.	Δ=14°44'	7°22'	21.74'	21.76'
39+30		R=174.03'	3°40'45"	21.69'	21.71'
39+07.65	P.C.C.	L=44.75			

T=22.6'

Tie: 1 to Thimble Sta 37+32.18
1. 50 N. to rail crk. of pvt.
2. 52 W. to SE cor. bldg.
3. 50 NW to X on bk wk.

Scale: 1" = 20'

B.M. 1114G "Standard" S.E. Corner Hydraulic & Central

B.M. 112.69 N. Rim S.W. Bell Manhole on S. Walk Central, 5' W. of W.L. New York.

B.M. 114.37 "B" on S.E. Corner S.E. Wing-Wall, Canal Bridge on Central Same B.M. on I-35W Plans 1302.03

114.37
1187.66 Correction

CENTRAL AVE.

PENNSYLVANIA AVE.

HYDRAULIC AVE.

38+27.0

40+83.18

-0.154 ft

-0.250 ft

U-HAUL RENTAL

BRICK BUILDING

SCHOOL YARD

Church

Sta 45+00 I-35W Plans

Sta 45+50

Sta 45+75

NOTE:
The excavated material from the S.W.S. ditch shall remain on the project & is to be used by the pavement contractor. (Approx. 500 Cu.Yds.) Any additional material required for pavement sub-grade shall be paid as Cu.Yds. Borrow Excavation. The Field Engineer to take X-Sections after the existing pavement is removed.

	EXCAVATION	COMP. FILL	BORROW EXC.
	134 Cu.Yds.	510 Cu.Yds.	100 Cu.Yds.
+10%	13 " "	51 " "	10 " "
Totals	147 Cu.Yds.	561 Cu.Yds.	110 Cu.Yds.

2730 Sq.Yds. Lime Treated Sub-Grade.

JOHN L. ALLEN LICENSED 321 PROFESSIONAL ENGINEER KANSAS

Revised 3-21-72

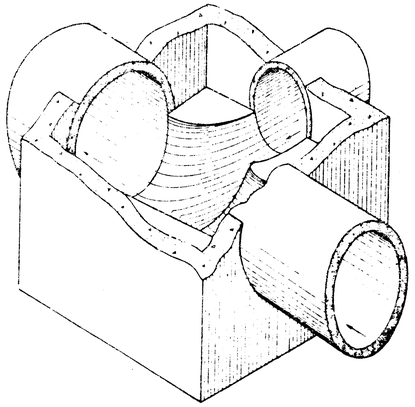
2/3

CENTRAL AVE. & PENNSYLVANIA AVE. to & HYDRAULIC AVE.

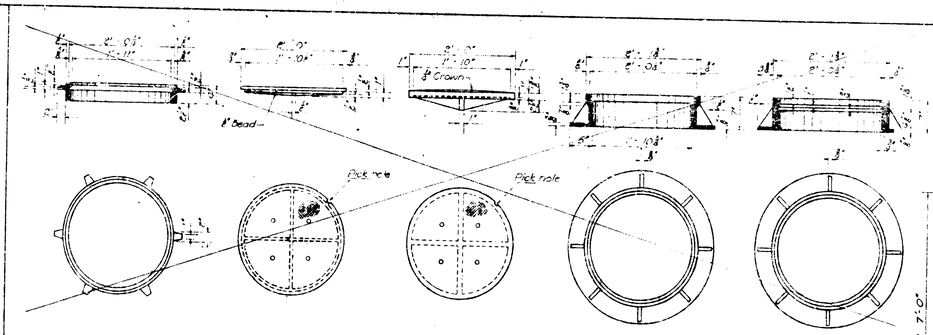
ASPHALTIC CONCRETE PAVEMENT and MEDIAL

R.W. LINN CITY ENGINEER
CITY OF WICHITA KANSAS
Date: Sept 1971

Project No. DAKM 570014



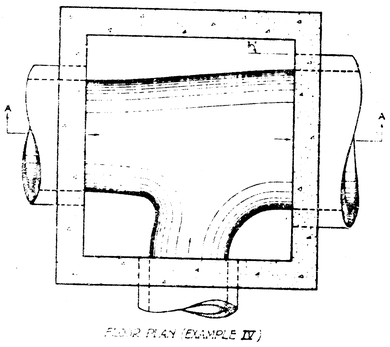
SECTIONAL VIEW (EXAMPLE IV)
Showing Floor Shaping



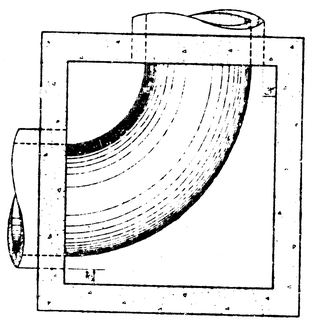
USE CITY OF WICHITA STANDARD CASTINGS

TYPICAL EXAMPLES OF VARIOUS PIPE COMBINATIONS

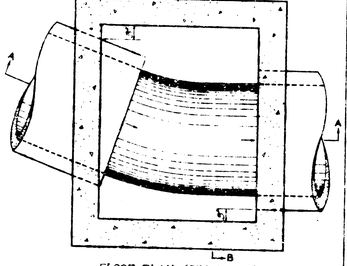
Showing method of shaping floor of manholes to provide increased hydraulic efficiency. For reinforcing details see "PLAN" and "SECTION."



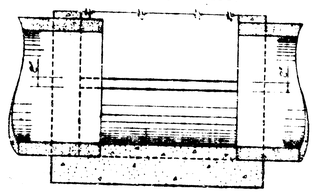
FLOOR PLAN (EXAMPLE IV)



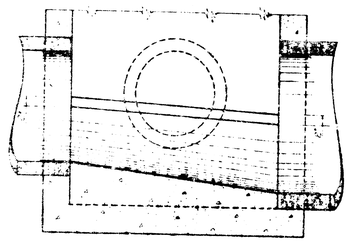
FLOOR PLAN (EXAMPLE II)



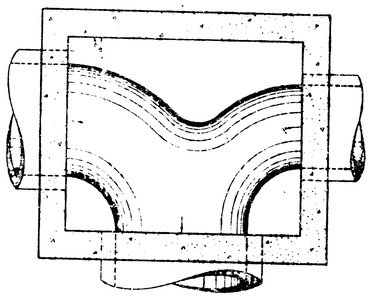
FLOOR PLAN (EXAMPLE I)



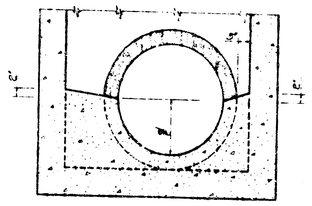
SECTION A-A (EXAMPLE I)



SECTION A-A (EXAMPLE IV)



FLOOR PLAN (EXAMPLE III)



SECTION B-B (EXAMPLE I)

NOTE
6 Sack Rock Mix shall be used throughout. Bevel all exposed edges with a 3/4" triangular moulding.

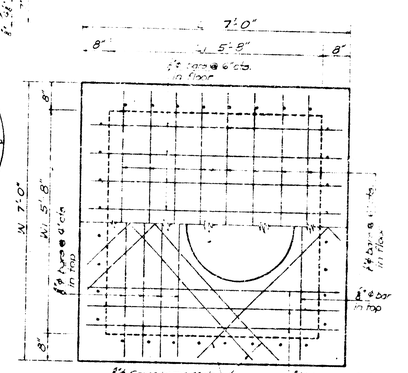
In general, provisions to enter and leave the manhole at various positions. Where possible bend bars around pipes.

Floor of manhole to be shaped as shown in various "EXAMPLES" with unreinforced concrete.

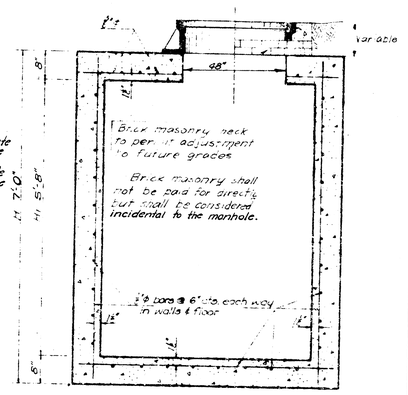
Manhole covering and steps, where used, shall be placed to afford easy access to top of shaped invert. Top reinforcing bars to be adjusted accordingly.

No deductions in concrete quantities shall be made for pipe openings.

No additions in concrete quantities shall be made for shaping floor of manholes.



PLAN
(Showing top & floor Reinforcing.)



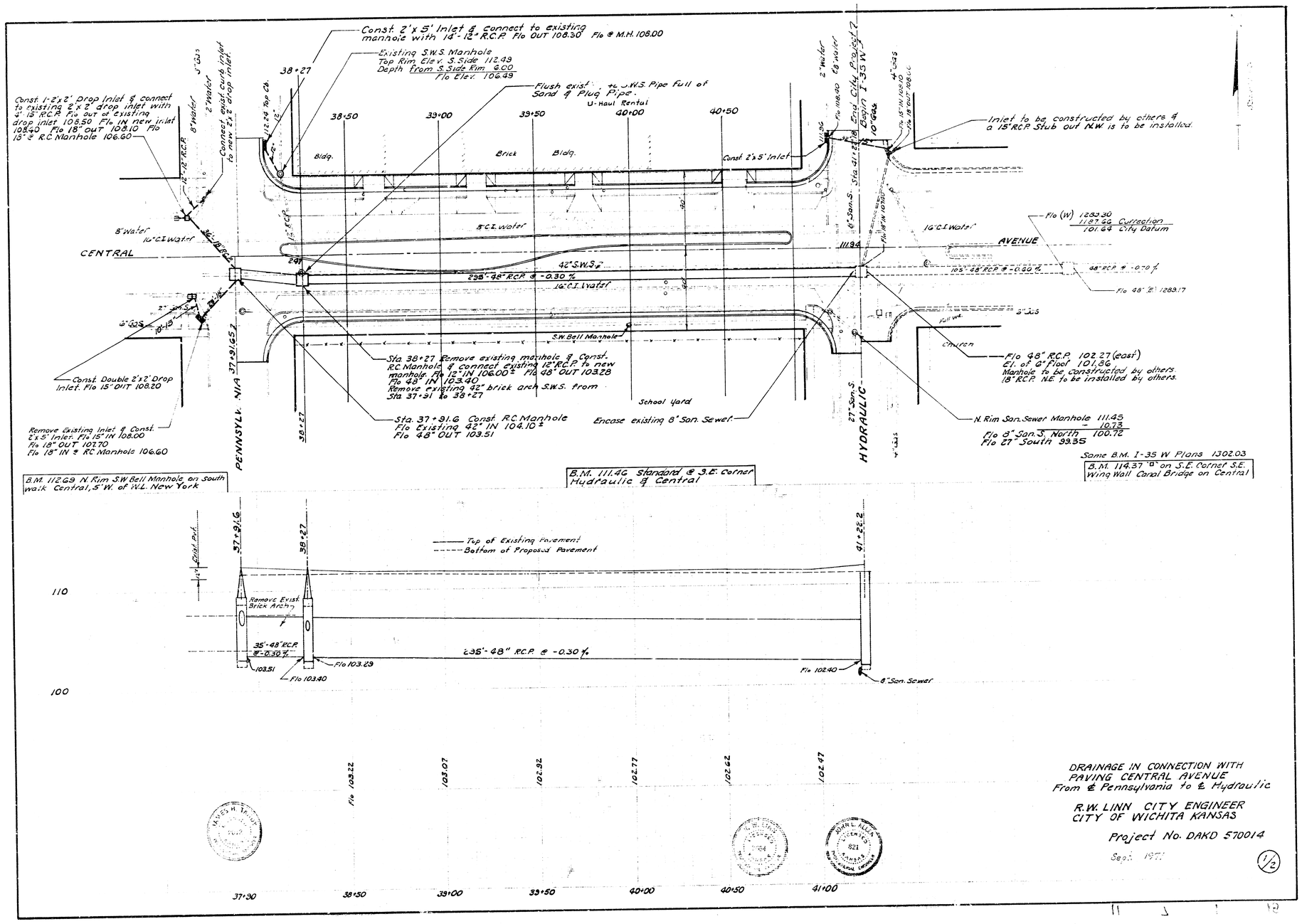
SECTION
(Exclusive of floor shaping)

REINFORCED CONCRETE MANHOLE

DRAINAGE IN CONNECTION WITH PAVING CENTRAL AVE. From E PENNSYLVANIA to E HYDRAULIC

(2/2)

Project No. DAKD 570014



DRAINAGE IN CONNECTION WITH
PAVING CENTRAL AVENUE
From ℄ Pennsylvania to ℄ Hydraulic

R.W. LINN CITY ENGINEER
CITY OF WICHITA KANSAS

Project No. DAKD 570014

Sept. 1971

1/2