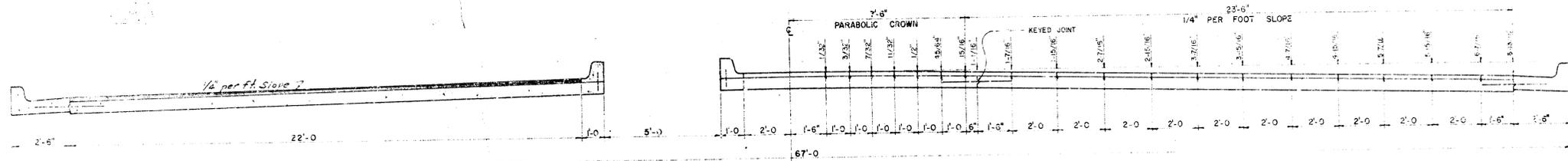
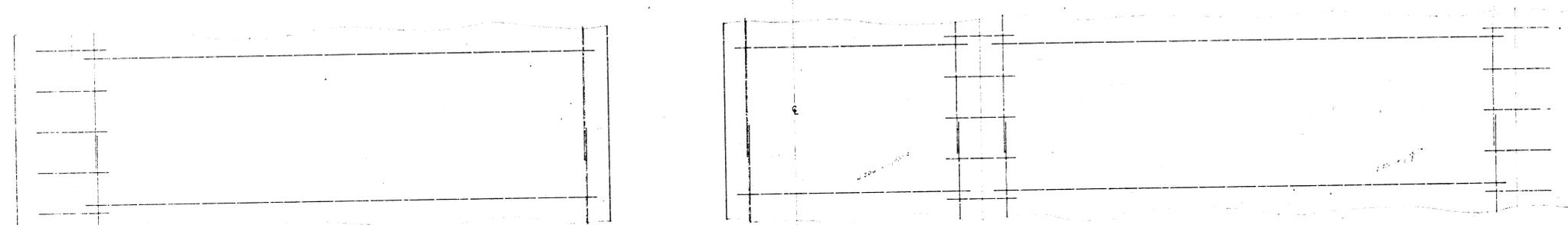


**CENTRAL AVENUE**  
**@ PENNSYLVANIA TO @ HYDRAULIC**  
 R.W. LINN CITY ENGINEER, CITY OF WICHITA, KANSAS.

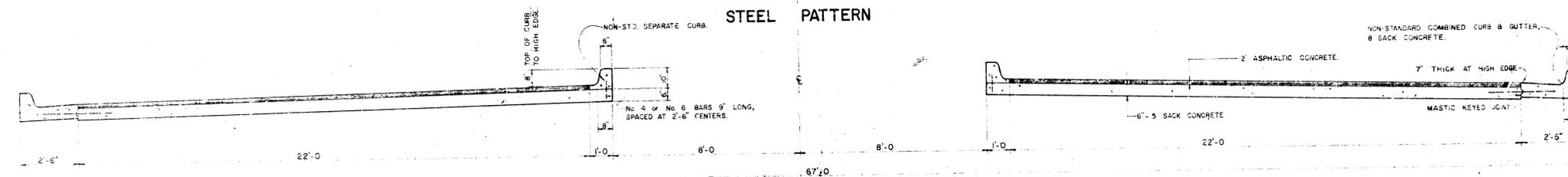
PROJECT No. DAKM 570014



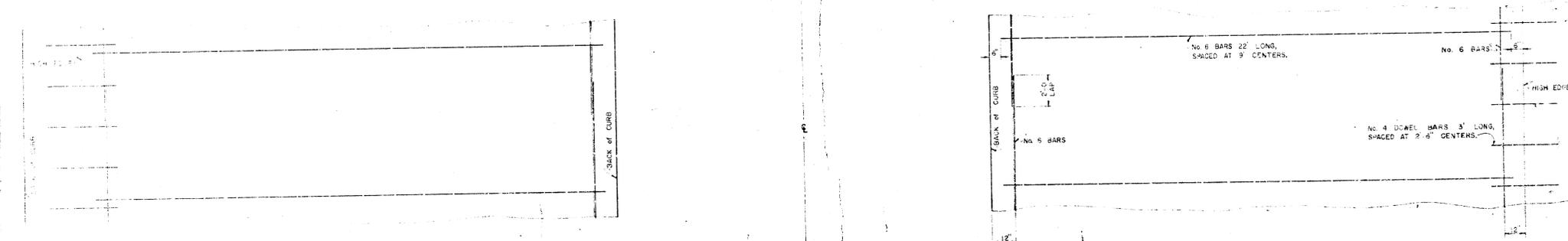
TYPICAL SECTION AT LEFT TURN LANE



STEEL PATTERN



TYPICAL SECTION AT FULL MEDIAN



STEEL PATTERN



Base line is back of median curb  
3.95984 min./ft.

Station	Point	Alignment	Deflection	Chord	Arc
38+07.65	P.C.C.	$\Delta = 11^{\circ} 50'$	$5^{\circ} 25'$	7.57	7.57
38+00		$R = 434.08$	$5^{\circ} 28' 43''$	24.71	24.71
38+75		$L = 83.65$	$3^{\circ} 45' 43''$	24.71	24.71
38+50		$T = 45'$	$2^{\circ} 00' 43''$	31.63	31.63
38+78	P.C.C.				

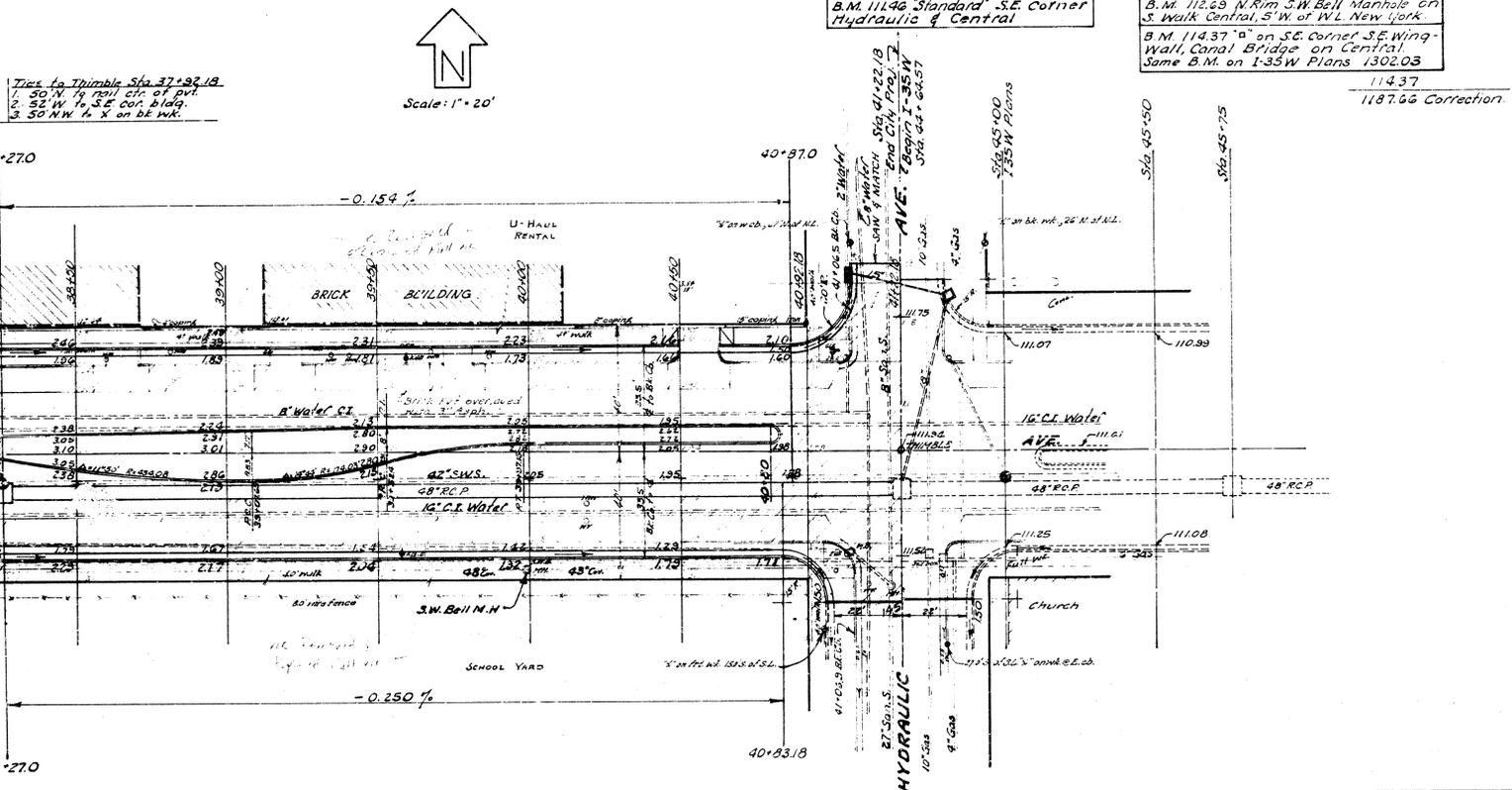
Base line is back of median curb  
3.87703 min./ft.

Station	Point	Alignment	Deflection	Chord	Arc
38+52.4	P.R.C.	$\Delta = 14^{\circ} 44'$	$7^{\circ} 22'$	21.74	21.76
38+30		$R = 174.03$	$3^{\circ} 40' 45''$	21.69	21.71
38+07.65	P.C.C.	$L = 24.75$			
		$T = 22.6'$			

**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.
+10 Y. 134 Cu.Yds.	510 Cu.Yds.	100 Cu.Yds.
13 "	51 "	10 "
<b>Totals 147 Cu.Yds.</b>	<b>561 Cu.Yds.</b>	<b>110 Cu.Yds.</b>

2750 Sp.Yds. Lime Treated Sub-grade.



Survey 2020  
 8-14-27  
 E.A.  
 Checked



B.M. 114.66 'Standard' S.E. Corner Hydraulic & Central

B.M. 112.69 N. Rim S.W. Bell Manhole on S. Walk Central, S.W. of W.L. New York.  
 B.M. 114.37 " on S.E. Corner S.E. Wing Wall, Canal Bridge on Central.  
 Same B.M. on I-35W Plans 1302.03

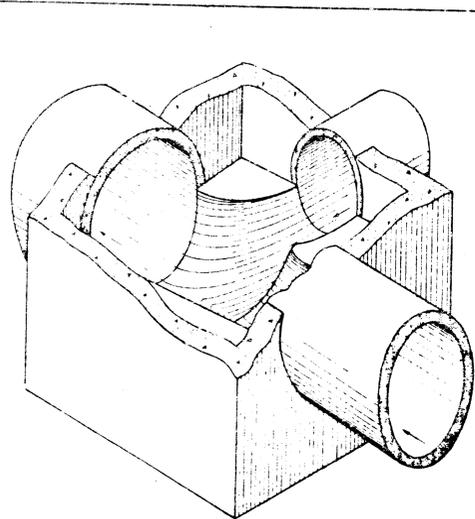
114.37  
 1187.66 Correction



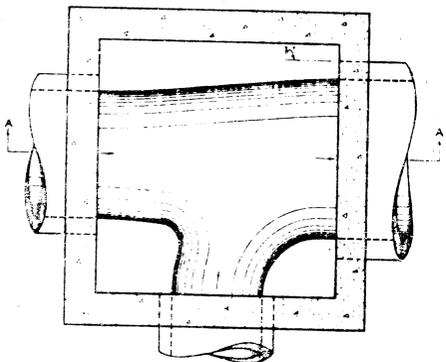
Revised 3-21-72

2/3

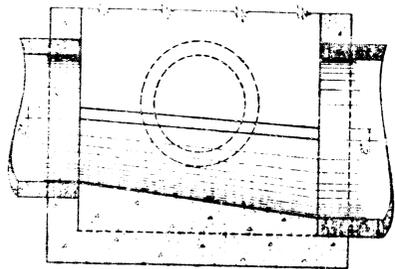
**CENTRAL AVE.  
 & PENNSYLVANIA AVE.  
 TO & HYDRAULIC AVE.**  
 ASPHALTIC CONCRETE  
 PAVEMENT ON MEDIAL  
**R.V. LINN CITY ENGINEER  
 CITY OF WICHITA KANSAS**  
 Date: Sept. 1971  
 Project No. DAKM 570014



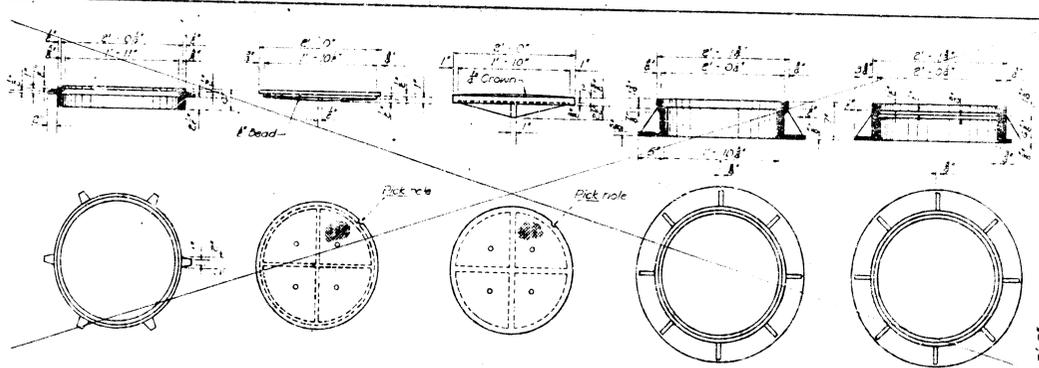
SECTIONAL VIEW (EXAMPLE IV)  
Showing Floor Shaping



FLOOR PLAN (EXAMPLE IV)

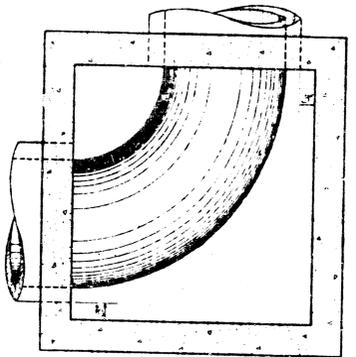


SECTION A-A (EXAMPLE IV)

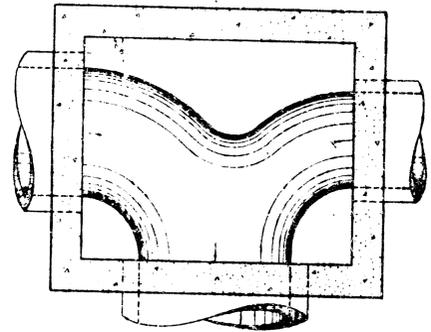


USE CITY OF WICHITA STANDARD CASTINGS

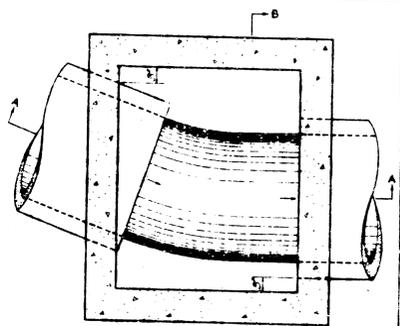
TYPICAL EXAMPLES OF VARIOUS PIPE COMBINATIONS  
 showing method of shaping floor of manhole to provide increased hydraulic efficiency.  
 Reinforcing steel features the "PLAN" and "SECTION"



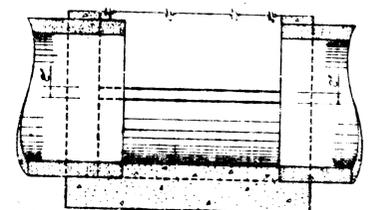
FLOOR PLAN (EXAMPLE II)



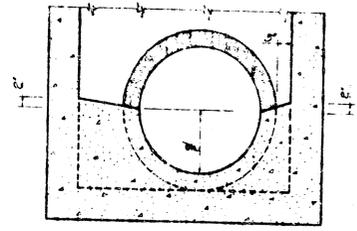
FLOOR PLAN (EXAMPLE III)



FLOOR PLAN (EXAMPLE I)

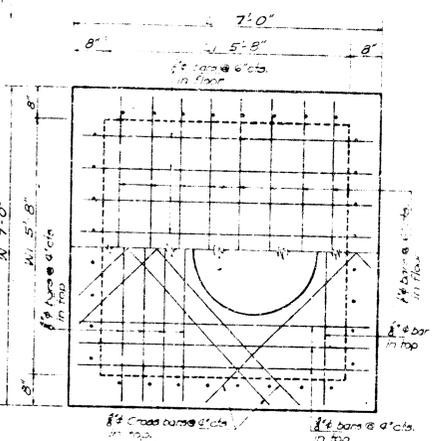


SECTION A-A (EXAMPLE I)

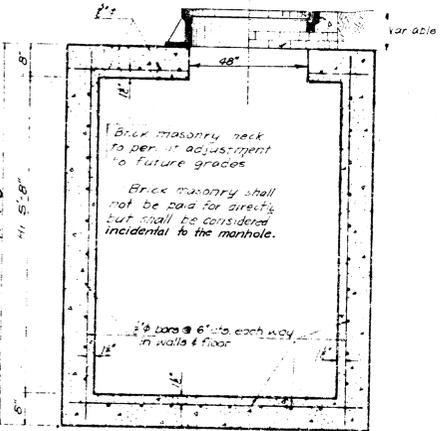


SECTION B-B (EXAMPLE I)

NOTE  
 6-Sect. Port. Mix shall be used for cast. Leveling surfaces shall be done with a 1/2" angular moulder.  
 In general, pipes enter and enter 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 opening and steps, where used, shall be placed to afford easy access to top of shaped insert. 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)

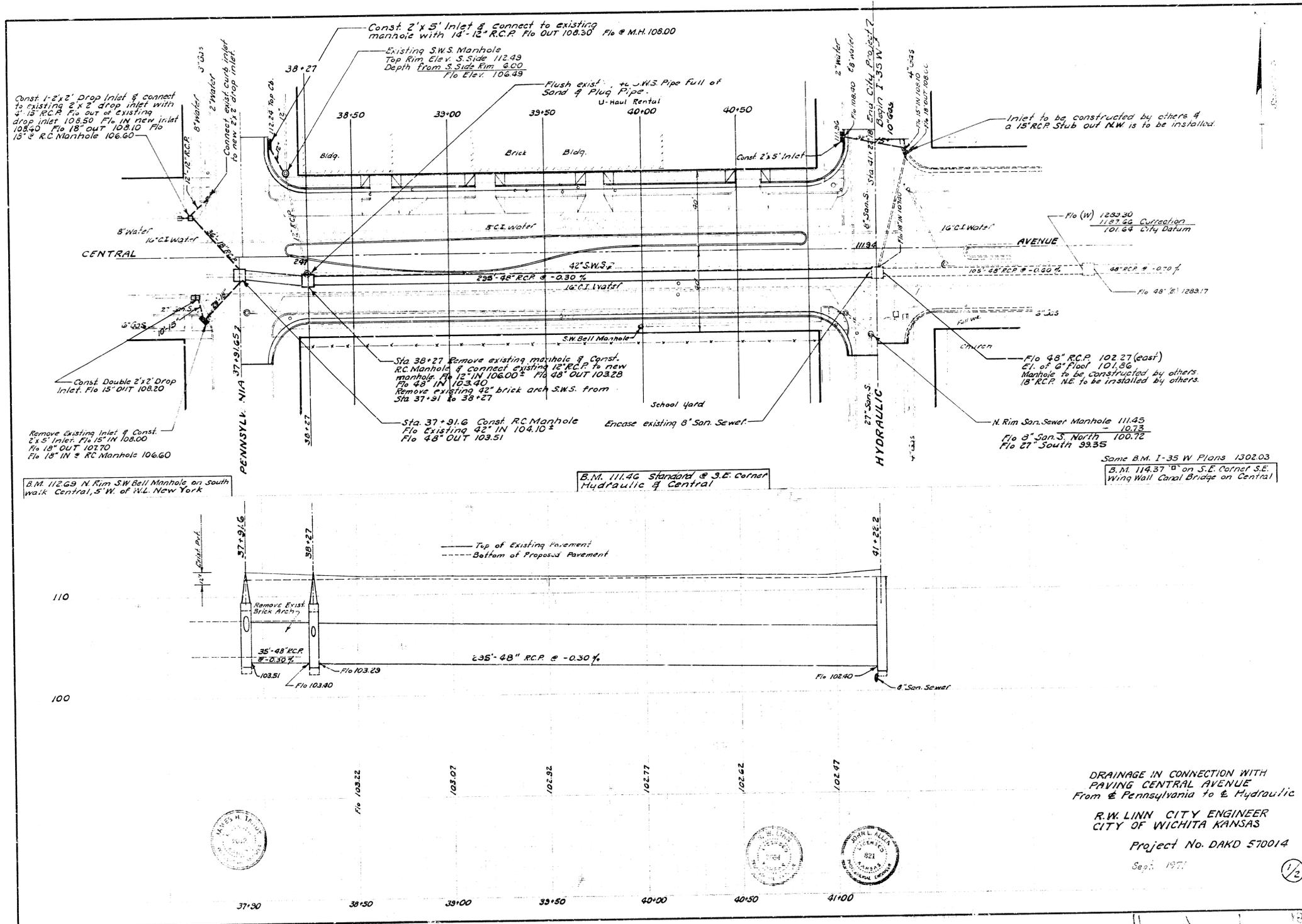


SECTION  
(Exclusive of floor shaping)  
**REINFORCED CONCRETE MANHOLE**

DRAINAGE IN CONNECTION WITH PAVING  
 CENTRAL AVE. FROM & PENNSYLVANIA  
 TO & HYDRAULIC

Project No. DAKD 570014

2/2



B.M. 112.69 N. Rim S.W. Bell Manhole on south walk Central, S.W. of W.L. New York

B.M. 111.46 standard @ S.E. corner Hydraulic & Central

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

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