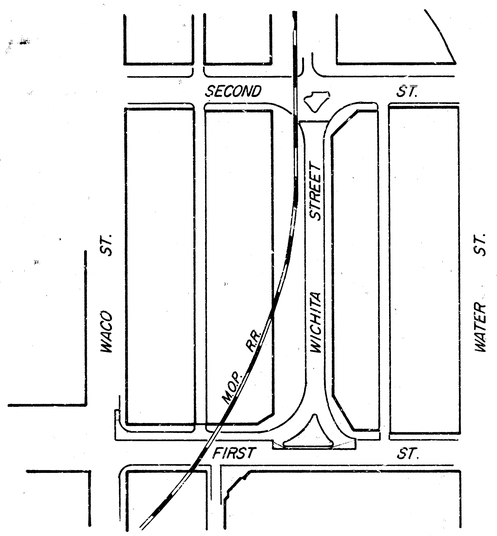
IMPROVING & REIMPROVING

WICHITA STREET

FROM 1ST ST. TO 2ND ST.
PROJECT NO. WNKB503430
CITY of WICHITA
R. W. LINN CITY ENGINEER

SCALE
1" = 150'



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CITY OF WICHITA, KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering
Division

R. W. LINN CITY ENGINEER

DATE _____ Proj. No.

The A.C. pavement pattern the comb curb & gutter shall be 4" thick as per detail (2. bituminous Base).
The bituminous base under the comb curb & gutter shall be 8" thick as per detail (3. bituminous Base).

TYPICAL SECTION

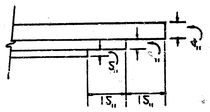
#1, ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

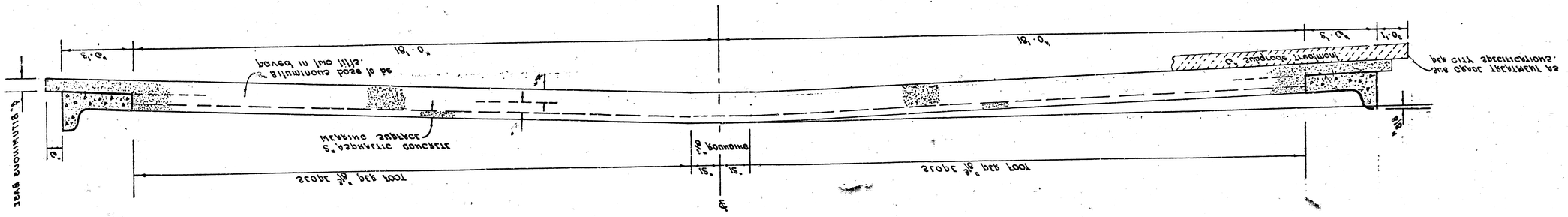
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

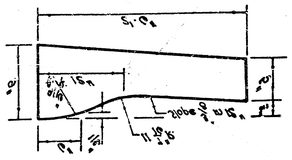
BITUMINOUS BASE AND ASPHALTIC CONCRETE MEARING SURFACE SHALL BE PLACED WITH A PAVADOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1, WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

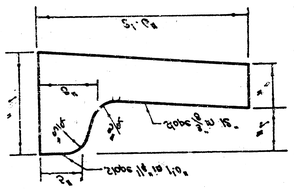
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.







HALF TYPE CURB & GUTTER



COMBINED CURB & GUTTER

B.M. 1155.82 "X" in conc. NE Cor. West entrance to Holiday Inn Rep. Bldg.

Baseline is Ext. N. Curb 1st St.

P.I. Elev. 113.70 No VC

P.I. Elev. 114.33 10 VC

P.I. Elev. 114.40 20 VC

P.I. Elev. 113.90 46.74 VC

P.I. Elev. 113.20 30 VC

P.I. Elev. 113.20 30 VC

+0.483 % +0.970 +2.00 % -1.498 % -0.498 % 10.729%

+0.7 Wk +0.3 Wk

0+00 0+21.58 0+75 1+25.58 1+34.58 1+54.58 1+80 2+05 2+20 2+53.37 2+84 2185 St. N. 3+38.54 St. N.

WICHITA ST.

Sta. 1+93

Δ = 90°00'
R = 120.0'
L = 90.01'
T = 46.23'
C = 88.62'
Def. /Ft. = 10.742959 mins.

(In Ck.)
Δ = 90°
R = 90.0'
L = 141.37'
T = 90.0'
C = 127.28'
Def./Ft. = 19.09859 mins.

Scale 1" = 30'

Remove Fount. & Pole

Const. 6" Curb & Gutter

Const. 4" Walk

Saw Jt. - Remove Rest. Necessary Junk of Conc. to Match 4" Walk

Const. 7" Walk

Const. Curb Cut & Conn.

Remove Fount. & Pole

Adjust Conn. (If Nec.)

7" Conc. at Walk Ck.

Const. 7" Walk

Const. 4" Walk

Const. Curb & Gutter

Const. Curb & Gutter

Const. Type II Curb Ck. Ramp See Detail Sht. 9

Const. Type II Curb Ck. Ramp See Detail Sht. 9

Const. Type II Curb Ck. Ramp See Detail Sht. 9

Const. 5' Walk

Const. Type II Curb Ck. Ramp See Detail Sht. 9

Const. Type II Curb Ck. Conns. Similar

Remove Fount. & Pole

Saw Jt. & Match Existing Pavmt.

2" AC Pavmt. w/ 8" Bit. Base

Remove Curb Cut & Str.

Saw Jt. Remove Asph. Surf. Only.

Pavement Contractor to make repair around Mh. (Incidental to Contract Item Bid)

Saw & Remove Asph. Surf.

Saw Jt. Remove Asph. Surf. Only.

Saw Jt. & Match Existing Pavmt.

Saw Jt. & Match Existing Pavmt.

FIRST STREET

MAIN AVE.

106'

Note: Plans Revised 9-30-77
— Curb Cb. Grades as Shown. —

= Indicates Removal

Note: - Contractor to take time & replace any "items" moved or destroyed during construction.
- Pavement constr. to coordinate w. construction of Sta. 1+93.

Type I Median Curb

5"

Dowel Bar (Saw to Asph. (Incidental to Proj.)

* Extra Width Necessary to be Constructed Where Needed, Cost to be Incidental to Median Curb.

Earthwork Quantities

Excavation = 19798 cy
+ 10 % = 1980 cy
Total = 16278 cy

Compacted Fill = 50 cy
+ 10 % = 5 cy
Total = 55 cy

Manipulation = 33840 cy

Type II Median Cb. & Gutter

1'-9"
5 3/4"
1'-0 1/2"
4" Asph.
10" Select Fill

Extra Wk. Thickness Incidental to cost of 9" Walk @ R.R. Crossing.

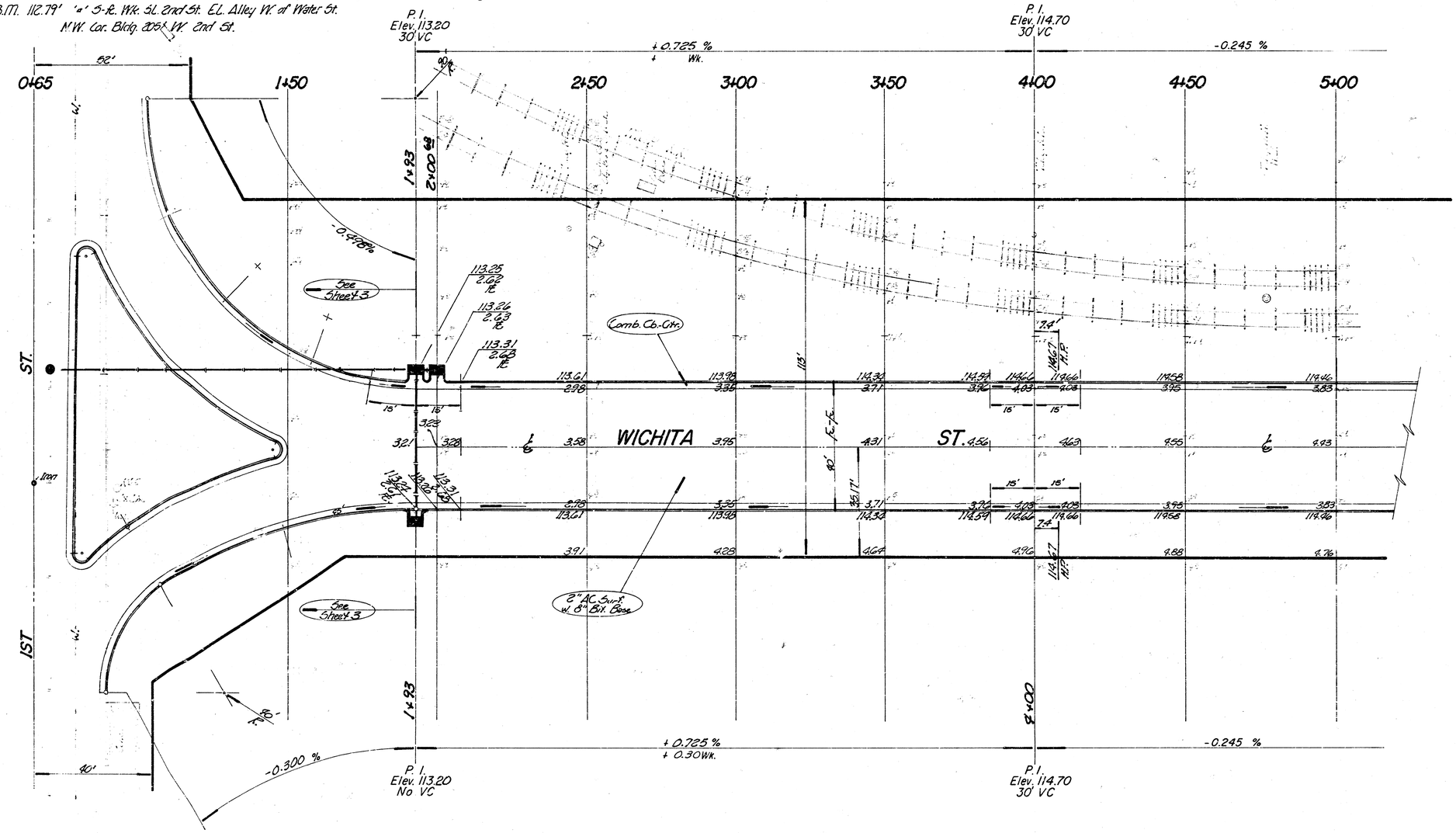
9"
18"

Sidewalk Detail at Railroad Tracks

WICHITA ST.
N.L. First St. to S.L. Second St.
2" Asph. Surf. w. 8" Bit Base—Comp. to
CITY of WICHITA
R. W. Linn
Project No. WWKB 5034-50
Date

B.M. 115.87' "a" in Conc. N.E. Cor. Floor to Entrance. Carney Center Garage.
B.M. 112.79' "a" S-R. Wk. SL. 2nd St. EL. Alley W. of Water St.
N.W. Cor. Bldg. 205' W. 2nd St.

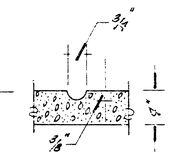
Baseline is ℄ 90' R.W.



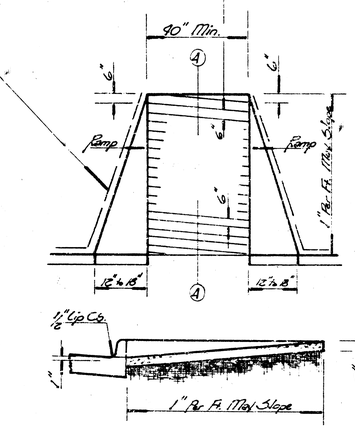
Scale: 1" = 20'

THE RAMP SHALL BE BORDERED ON BOTH SIDES AND THE CURB LINED WITH A FOUR-INCH WIDE YELLOW STRIPE.

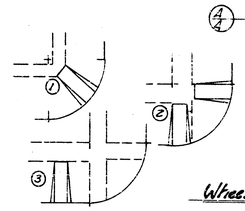
CONTRA. DR TO BORDER BOTH SIDES OF RAMP AND LINE THE CURB WITH A FOUR-INCH WIDE YELLOW STRIPE. COST OF STRIPING TO BE INCLUDED IN COST OF 4" RAMP CONCRETE.



Groove Detail



A/A Section Thru Ramp

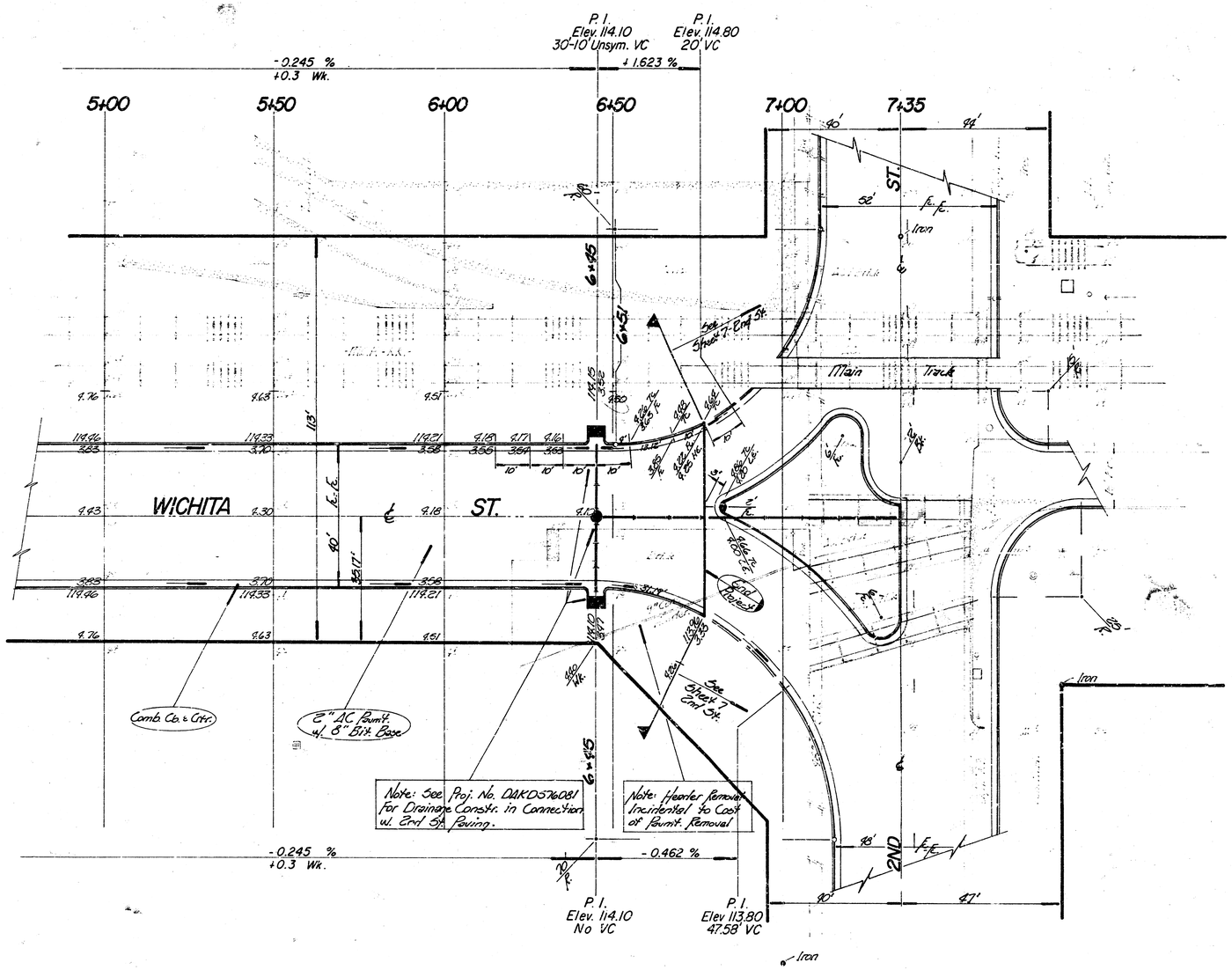


Wheel Chair Ramp Location Preference

Wheel Chair Ramp Detail

WICHITA ST.
WNKB 503430

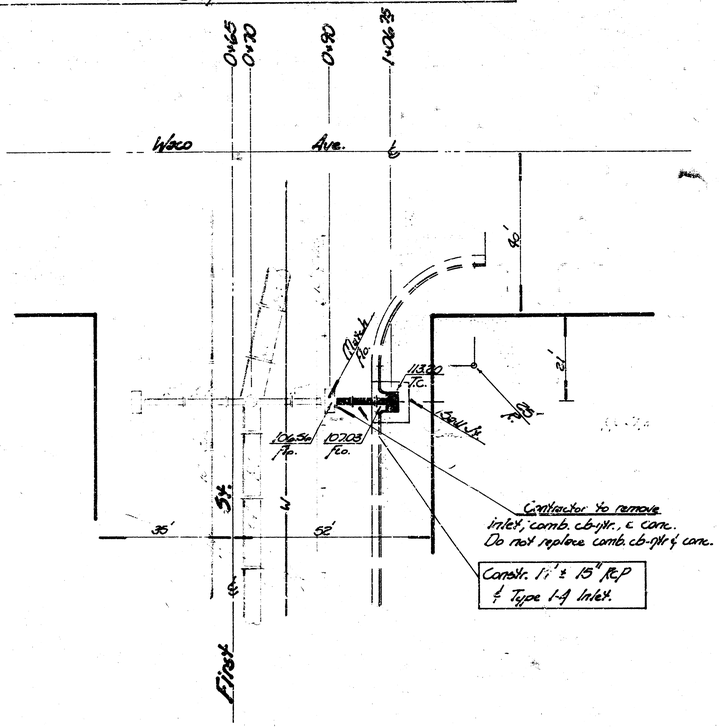
5/8

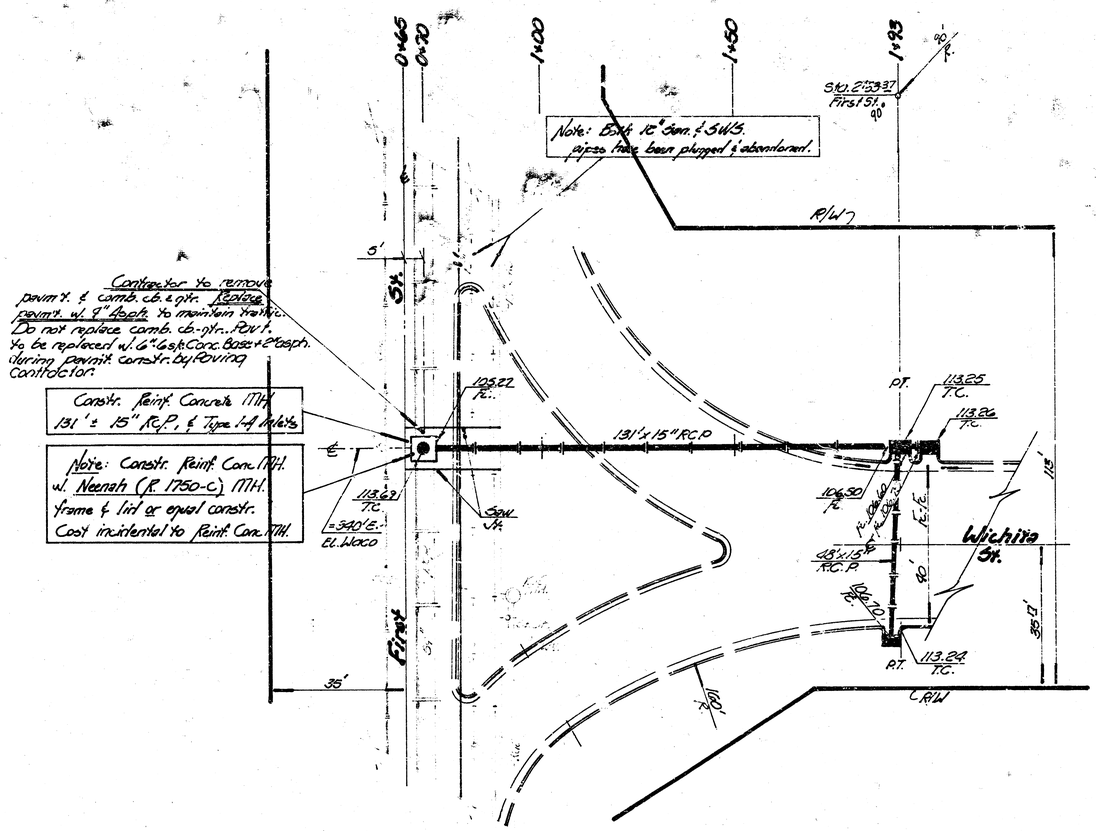


WICHITA ST.
WNKB 503430

5/8

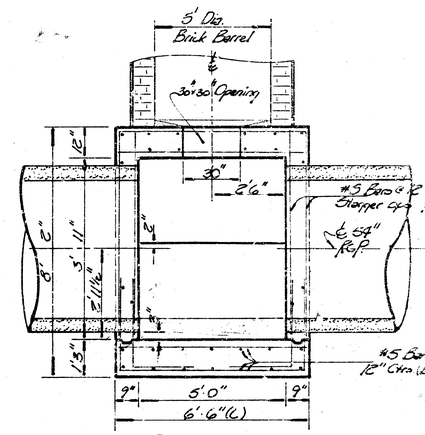
B/M. 115.87 'a' in conc. N.E. Cor. Floor to entrance Garvey Center Garage.
B/M. 112.79 'a' S. E. Wk. S.L. 2nd St. E.C. Alley W of Water St
N.W. Cor. Bldg. 205' W. 2nd St.



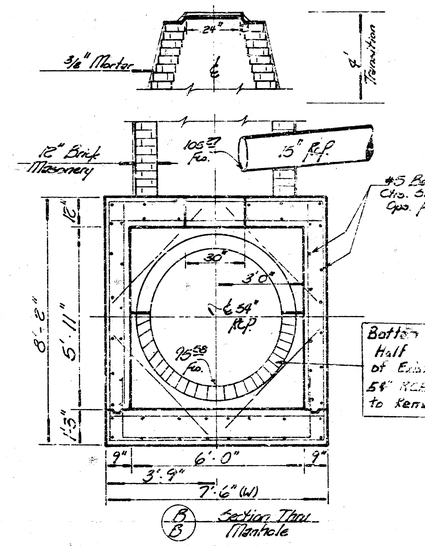


- Scale -
Plan 1"=20'
Profile 1"=20' Hor. 1"=5' Vert.

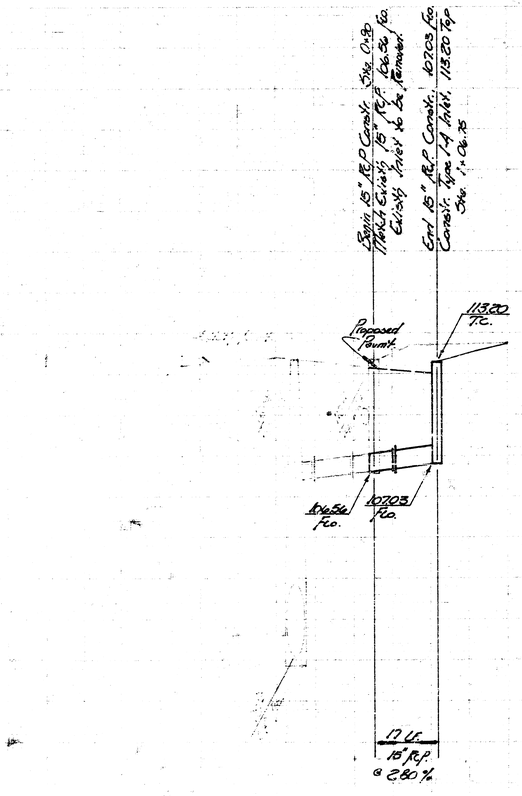
Reinforced Conc. Manhole Details

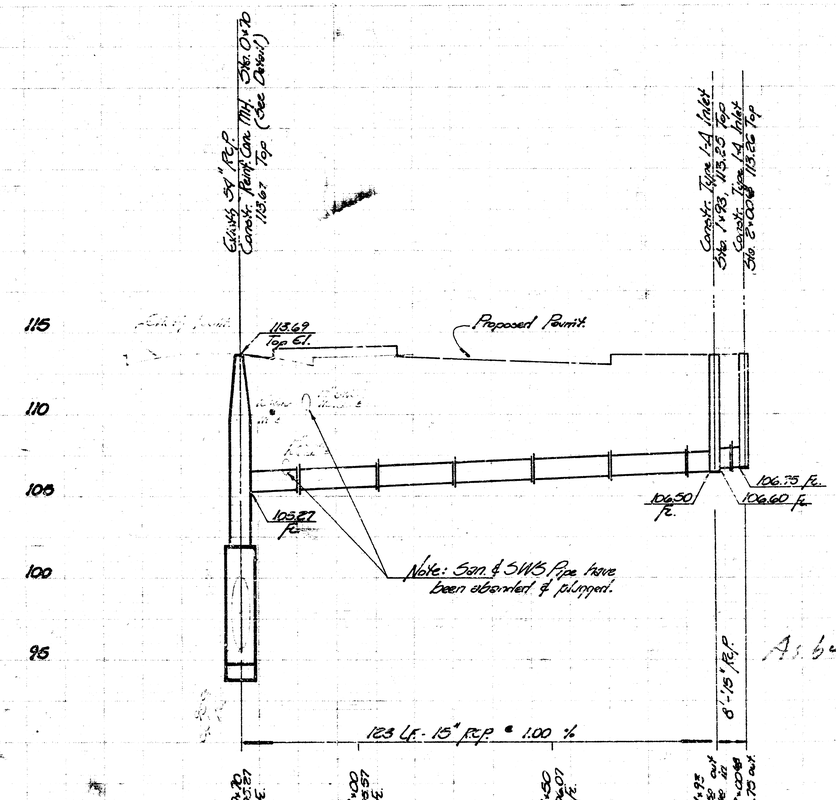


4/A Section Thru Manhole



B/B Section Thru Manhole





As built 3-8-78

Drainage in connection w.
WICHITA ST.
1ST to 2ND ST.
CITY of WICHITA
R. W. Linn — City Engine
Project No. — WKNB50343
Date: Feb. 1977