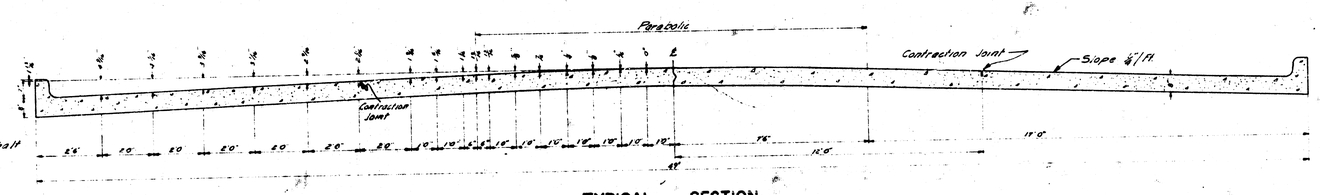
THIRTEENTH STREET.

W.L. WACO AVENUE TO W.L. MAIN STREET.

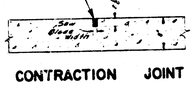
CITY OF WICHITA, KANSAS - B.E. SMITH CITY ENGINEER

PROJECT NO. C16-11 DATE: AUGUST 1965.



TYPICAL SECTION

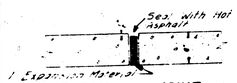
No Scale



CONTRACTION JOINT

No Scale

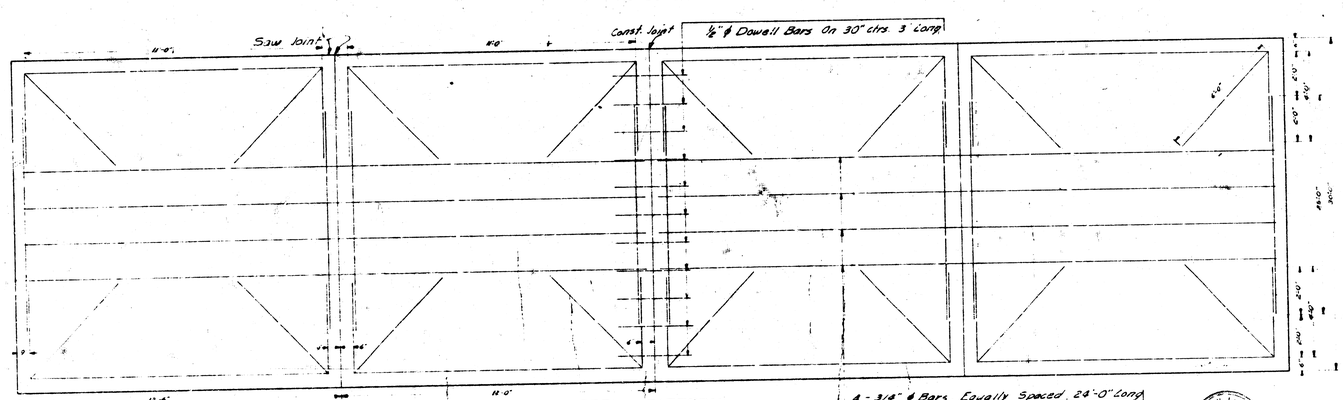
To Be Used At 30' Intervals Except Where An Expansion Joint Is Used



EXPANSION JOINT

No Scale

To Be Used At 120' Intervals

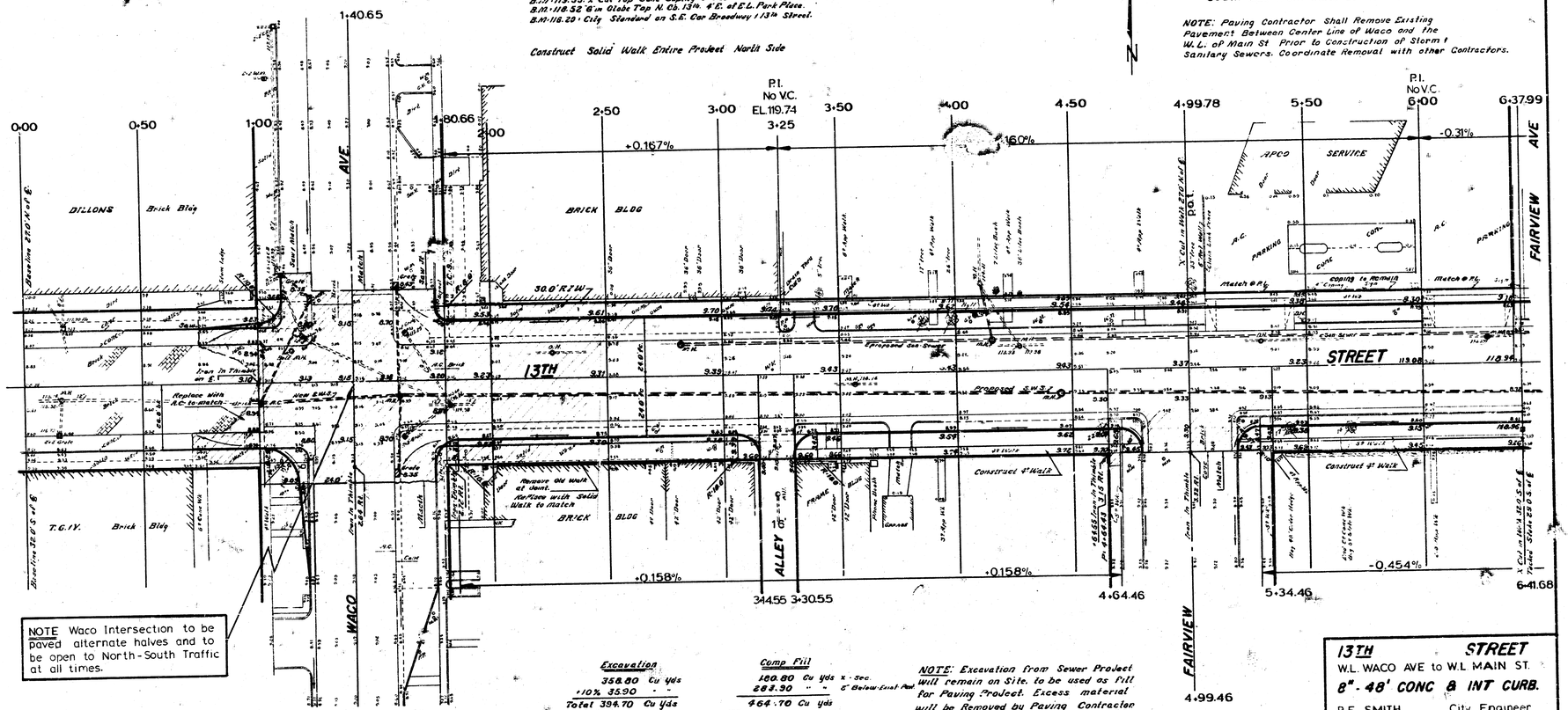

Saw Joint
Const. Joint
½" ϕ Dowell Bars On 30" ctrs. 3' Long
11'-0"
11'-0"
11'-0"
4'-0"
4'-0"
4

B.M.- 115.42 Iron in Thimble on S.E. Cor 13th and Waco.
B.M.- 120.37 'X' Cut Top 6" Rot Wall N.S. 13th and 1'E. of E Fairview: So. W.S. Apco Sta.
B.M.- 119.53 'X' Cut Top Conc. Coping S. Side 13th and 2' W. of W.L. Wellington Place.
B.M.- 118.52 6"m Globe Top N. Ob. 13th 4'E. of E.L. Park Place.
B.M.- 116.20 - City Standard on S.E. Cor Broadway / 13th Street.

Construct Solid Walk Entire Project North Side

Construct Ramp Type Drives North Side.
South Side from State St to Main St.

NOTE: Paving Contractor Shall Remove Existing Pavement Between Center Line of Waco and the W.L. of Main St Prior to Construction of Storm & Sanitary Sewers. Coordinate Removal with other Contractors.



NOTE Waco Intersection to be paved alternate halves and to be open to North-South Traffic at all times.

Excavation	
358.80	Cu Yds
+10% 35.90	" "
Total 394.70	Cu Yds

Comp Fill	
180.80	Cu Yds X-Sec.
283.90	" " 6" Below Finish Pvmt.
464.70	Cu Yds
+10% 46.50	" "
Total 511.20	Cu Yds

NOTE: Excavation from Sewer Project will remain on Site, to be used as Fill for Paving Project. Excess material will be Removed by Paving Contractor

Compacted Fill Volume is Computed from 2" Below Existing Pavement, to Proposed Subgrade. This Quantity will be basis of Payment on Final Estimate.

Sheet 2 of 5

13TH STREET
W.L. WACO AVE to W.L. MAIN ST.
8"-48' CONC & INT CURB.
B.E. SMITH City Engineer
City of Wichita, Kansas
Date AUG 1966 Project No. C16-11

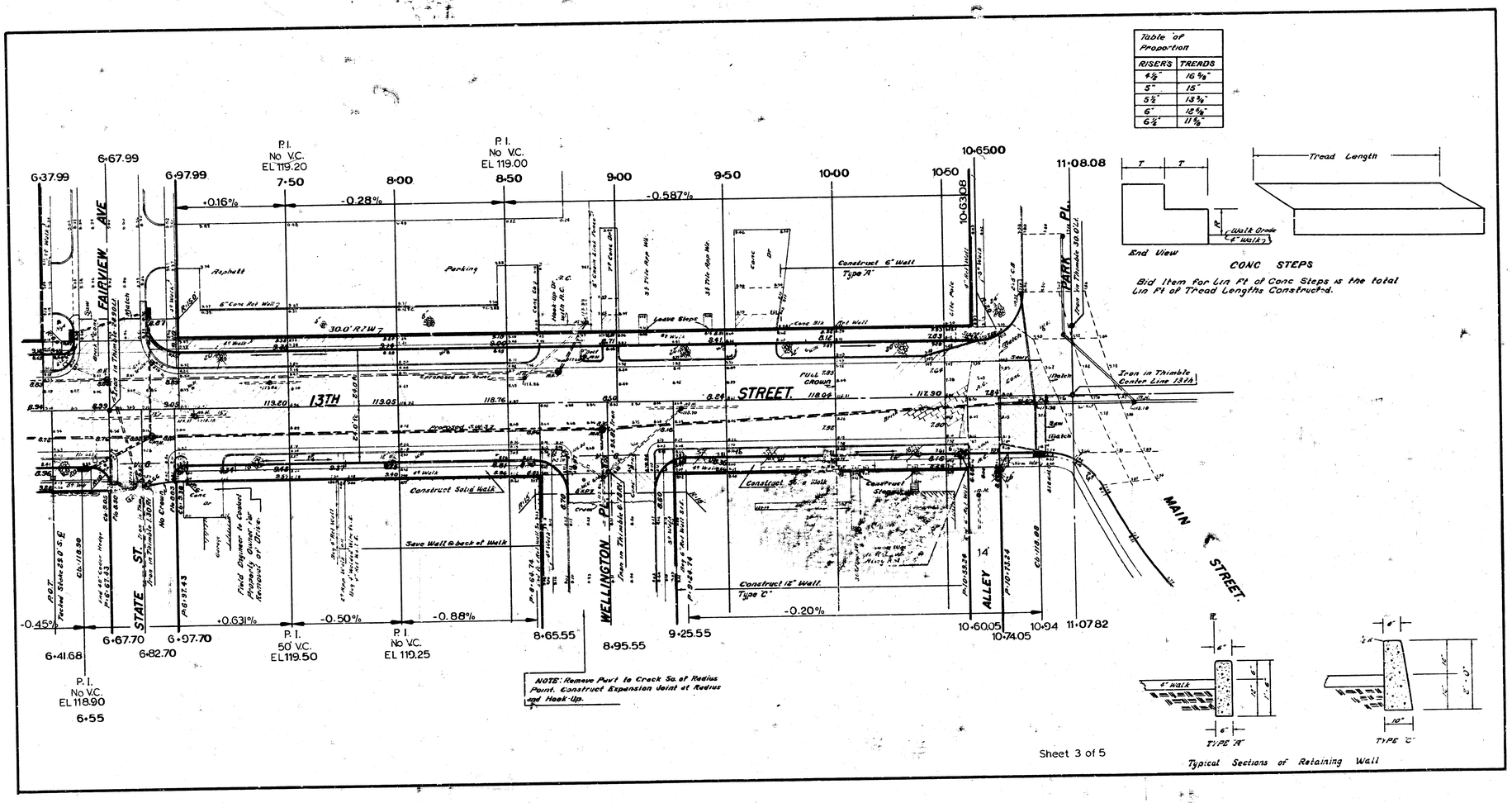


Table of Proportion	
RISERS	TREADS
4½"	16 5/8"
5"	15"
5½"	13 3/8"
6"	12 5/8"
6½"	11 5/8"

CONC STEPS

Bid Item for Lin Ft of Conc Steps is the total Lin Ft of Tread Lengths Constructed.

Typical Sections of Retaining Wall

Surveyed by: L.L. Lentz & W.J.Gilmore
Drawn by: D. Cramer
Checked by:

Note: Gas Serv. has 6" line in W. ½ Main. To be located in field.

Note: Adjust existing inlet to fit new curb alignment

Note: Remove exist. M.H. & Plug leads

Note: Plug exist. leads & connect 18" R.C.P. to M.H., Remove exist. Inlet.

Note: Remove exist. M.H., Inlets & Plug leads

STA. 4106 CONST. STD. M.H., TYPE "A"

STA. 0100 EXIST. M.H. BEGIN PROJECT

STA. 1199 CONST. STD. M.H., TYPE "A"

ALLEY

WELLINGTON PL.

STATE ST.

FAIRVIEW

PARK PL.

13TH ST.

T.C. 118.08

T.C. 118.90

Exist. 24" R.C.P.

Flo out 113.31

Exist. 24" S.W.S.

Exist. 8" S.S.

Exist. 8" water

Exist. 3" I.P. Gas Gate Serv.

Bell Telephone Underground conduit

Exist. 12" S.W.S.

Exist. 12" water

Exist. 8" S.S.

Exist. lead

32"-18" R.C.P.

24"-18" R.C.P.

Proposed S.S.

Flo 112.34

8" water

20" water

15" Cl. A. Gas Line

T.C. 118.81

34"-18" R.C.P.

Note: Alignment change between Sta. 4106 & Sta. 4120

Note: Extend lead from service station and trap to connect into new line. Plug exist. 12" S.W.S. as shown

Plan Scale 1"=20'
Profile Scale 1"=20' Hor.
1"=4' Vert.

B.M. 118.52 "a" In Globe Top N. Cb. 13th St. 4'E. of E.L. Park Place

GENERAL NOTES

#1 - All backfill to be sand.
#2 - Salvage all grates, frames & inlet covers & deliver to City Material Yard.
#3 - Price of extending mud trap lead from Sta. 3+4 to be included in bid price of lin. ft. 18" R.C.P.
#4 - Check Elev. of exist. utilities prior to laying leads.
#5 - Excavated dirt suitable for pavement subgrade material is to be left on the site.
#6 - Remove exist. S.W.S. where it conflicts with new line. Cost of removal to be considered included in bid price of pipe.
#7 - The pavement from the center line of Waco to the West side of Main will be removed by the paving contractor prior to construction of Storm Sewer. Sewer Contractor shall remove pavement and replace same with R.C. in area West of center line of Waco.

STA. 0100 EXIST. M.H.

STA. 1199 CONST. STD. M.H., TYPE "A"

STA. 4106 CONST. STD. M.H., TYPE "A"

Brick Surface

24" R.C.P. @ 0.10%

24" Exist. Flo Out 113.31
24" Flo in 113.31

24" Out 113.51
18" In 113.81
24" In 113.51

18" R.C.P. @ 0.11%

24" Out 113.32
18" In 114.17

Proposed 10" S.S. Flo 112.34

18"

120

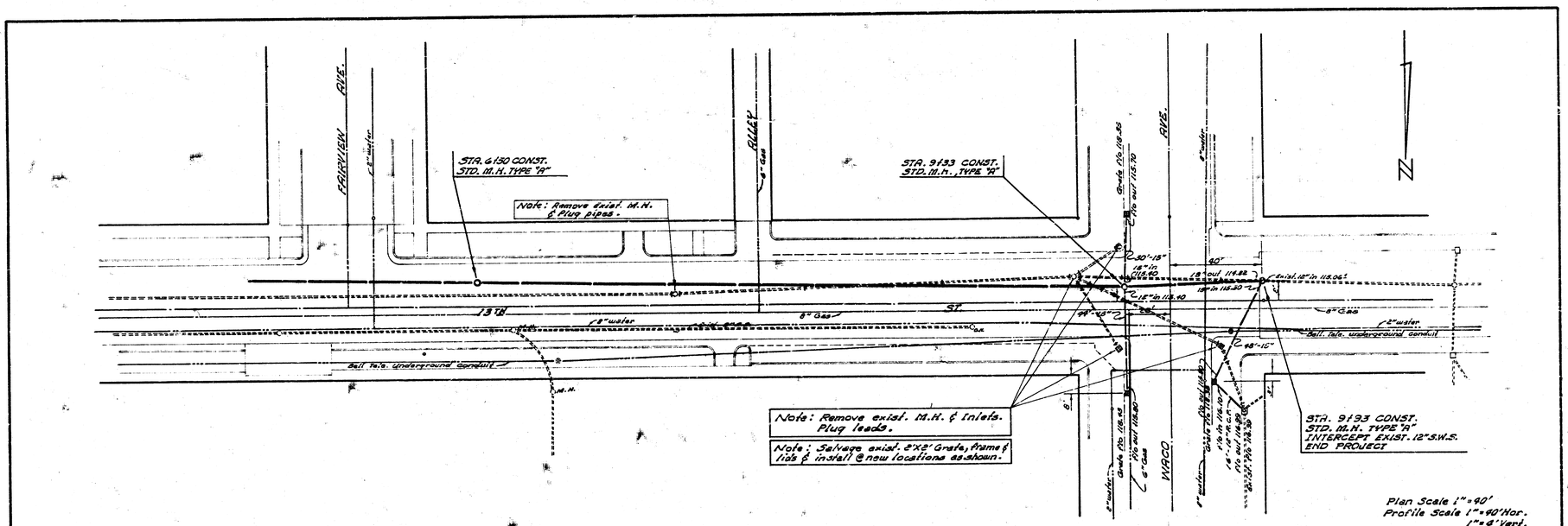
110

0 1 2 3 4

Revised Sept. 12, 1968

5
3120

INCIDENTAL DRAINAGE
13TH ST. FROM W.L. WACO TO W.L. MAIN
CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER
PROJECT NO. C1G-11
DATE: AUG. 1968



INCIDENTAL DRAINAGE
13th ST. FROM W.L. WACO TO W.L. MAIN ST.
PROJECT NO. C16-11