

Δ 63°45' E = 75.0' T = 46.64' L = 83.45' LC = 75.21'

CURVE DATA BASED ON E. RAD. Δ 31°50'30"

STA	ARC	S	S	CHORD	CHORD
0+00	-	-	-	3'-00'-00"	0'-00'-00"
1+00	25.5	22.67	4.62	9'-44'-25.1	9'-44'-25.1
1+50	14.49	12.73	2.57	5'-32'-05.2	5'-16'-30.3
1+59.25	14.43	12.72	2.57	5'-31'-51.5	5'-08'-21.8
1+68.75	14.49	12.73	2.57	5'-32'-05.2	5'-20'-27.1
1+78.25	14.49	12.73	2.57	5'-32'-05.2	5'-32'-32.2

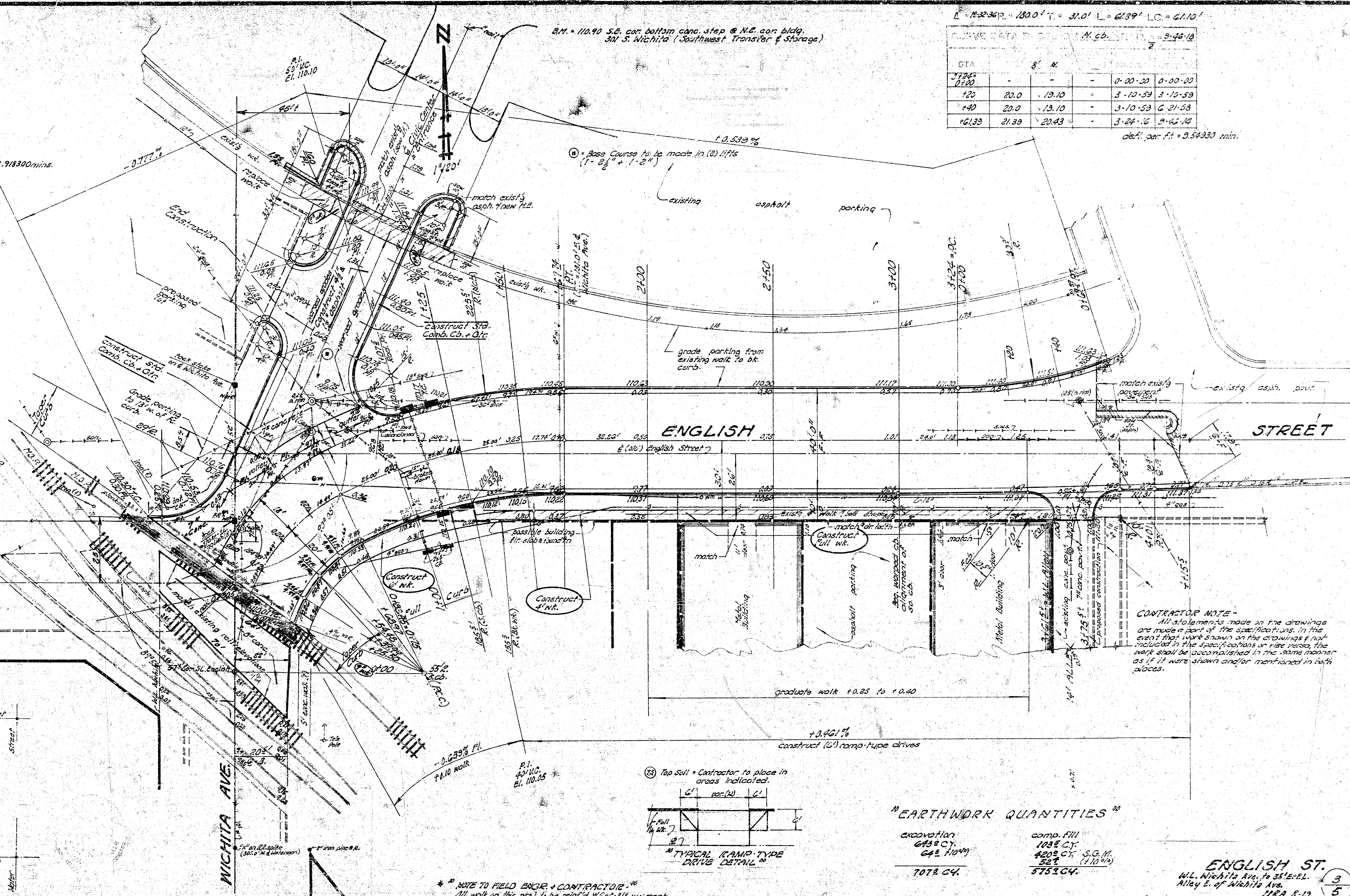
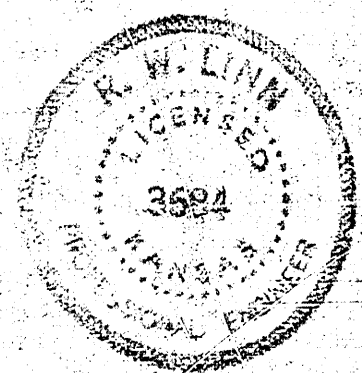
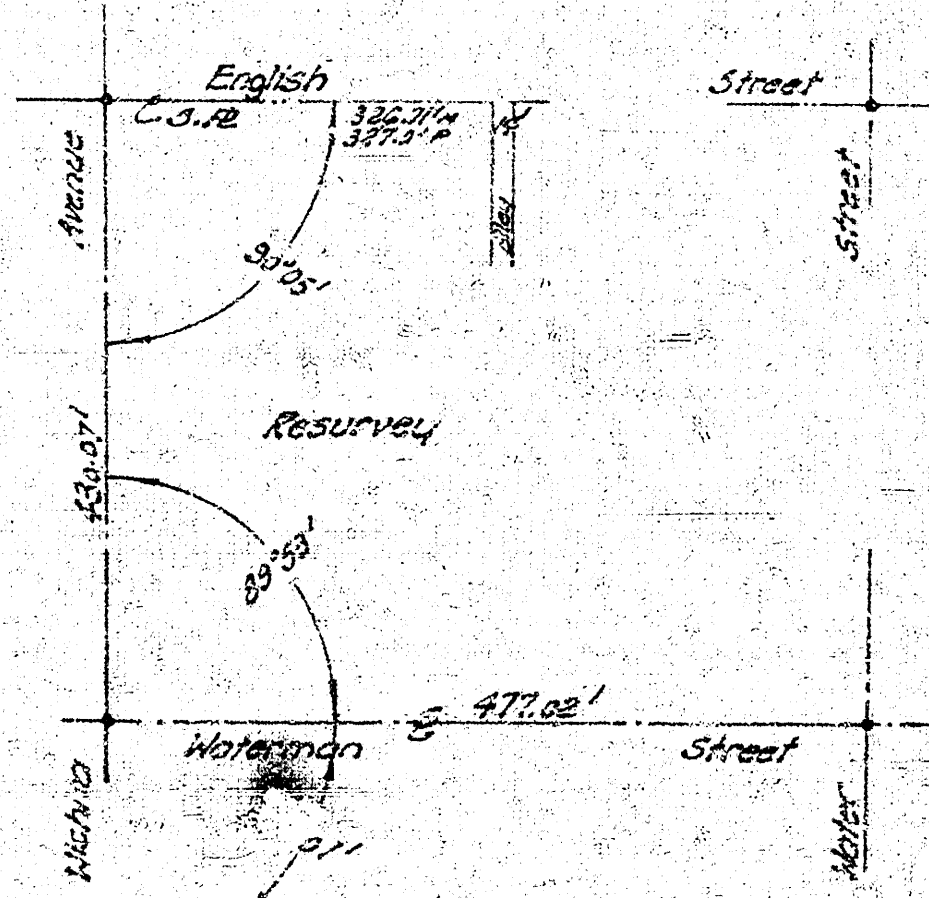
def. par. ft. = 82.718300 mins.

Δ 12°53'45"

STA	ARC	S	S	CHORD	CHORD
0+00	-	-	-	0'-00'-00"	0'-00'-00"
1+00	25.5	22.67	4.62	9'-44'-25.1	9'-44'-25.1
1+50	14.49	12.73	2.57	5'-32'-05.2	5'-16'-30.3
1+59.25	14.43	12.72	2.57	5'-31'-51.5	5'-08'-21.8
1+68.75	14.49	12.73	2.57	5'-32'-05.2	5'-20'-27.1
1+78.25	14.49	12.73	2.57	5'-32'-05.2	5'-32'-32.2

def. par. ft. = 8.9449 mins.

CONTRACTOR NOTE: Rem. & repl. barricade (0.133) at desired location as directed by Field Engineer. Work to be incidental to project.



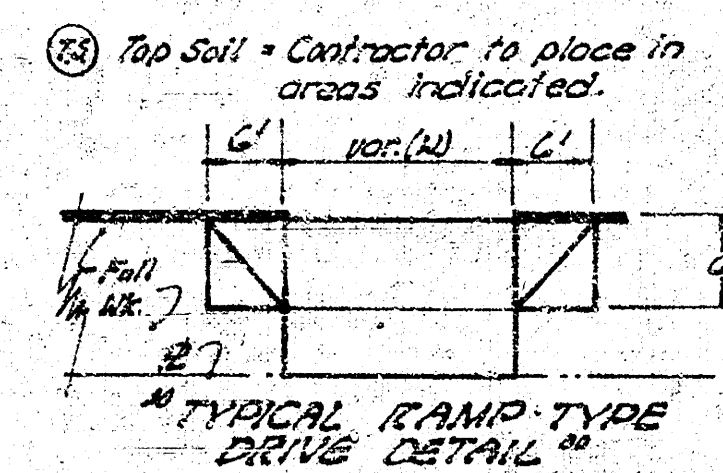
E = 182.34' T = 31.0' L = 61.39' LC = 61.10'

CURVE DATA BASED ON N. CO. Δ 31°50'30"

STA	ARC	S	S	CHORD	CHORD
0+00	-	-	-	0'-00'-00"	0'-00'-00"
1+00	20.0	19.10	3.10	3'-10'-59"	3'-10'-59"
1+40	20.0	19.10	3.10	3'-10'-59"	3'-10'-59"
1+61.39	21.39	20.43	3.24	3'-24'-16"	3'-24'-16"

def. par. ft. = 3.54930 min.

CONTRACTOR NOTE: All statements made on the drawings are made a part of the specifications. In the event that work shown on the drawings is not included in the specifications or vice versa, the work shall be accomplished in the same manner as if it were shown and/or mentioned in both places.

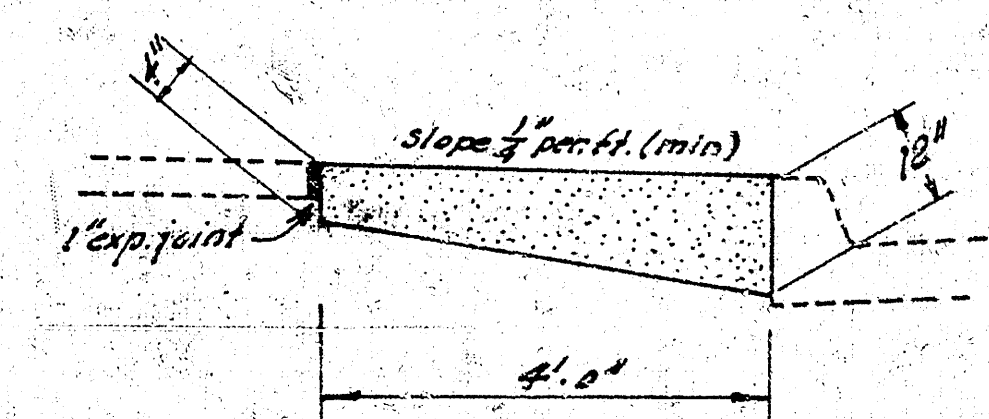
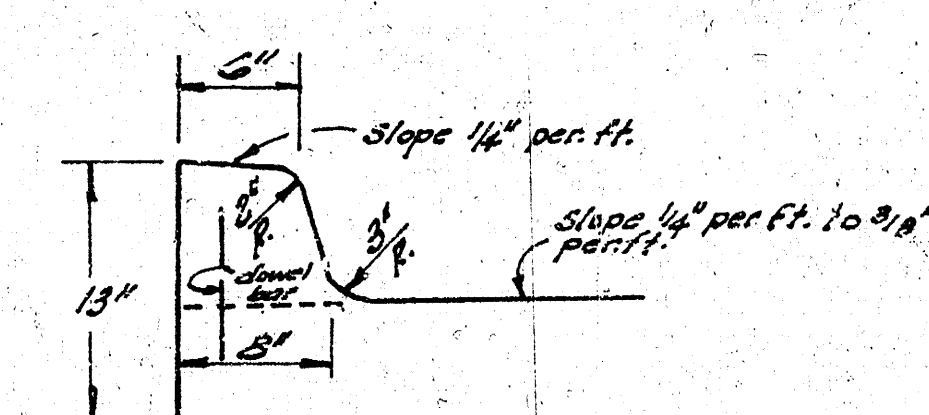
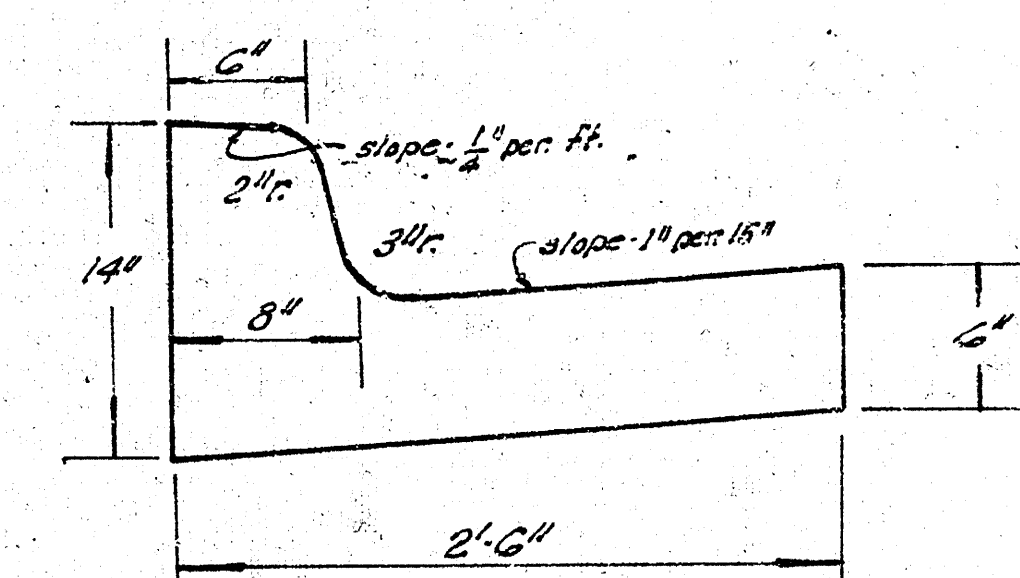
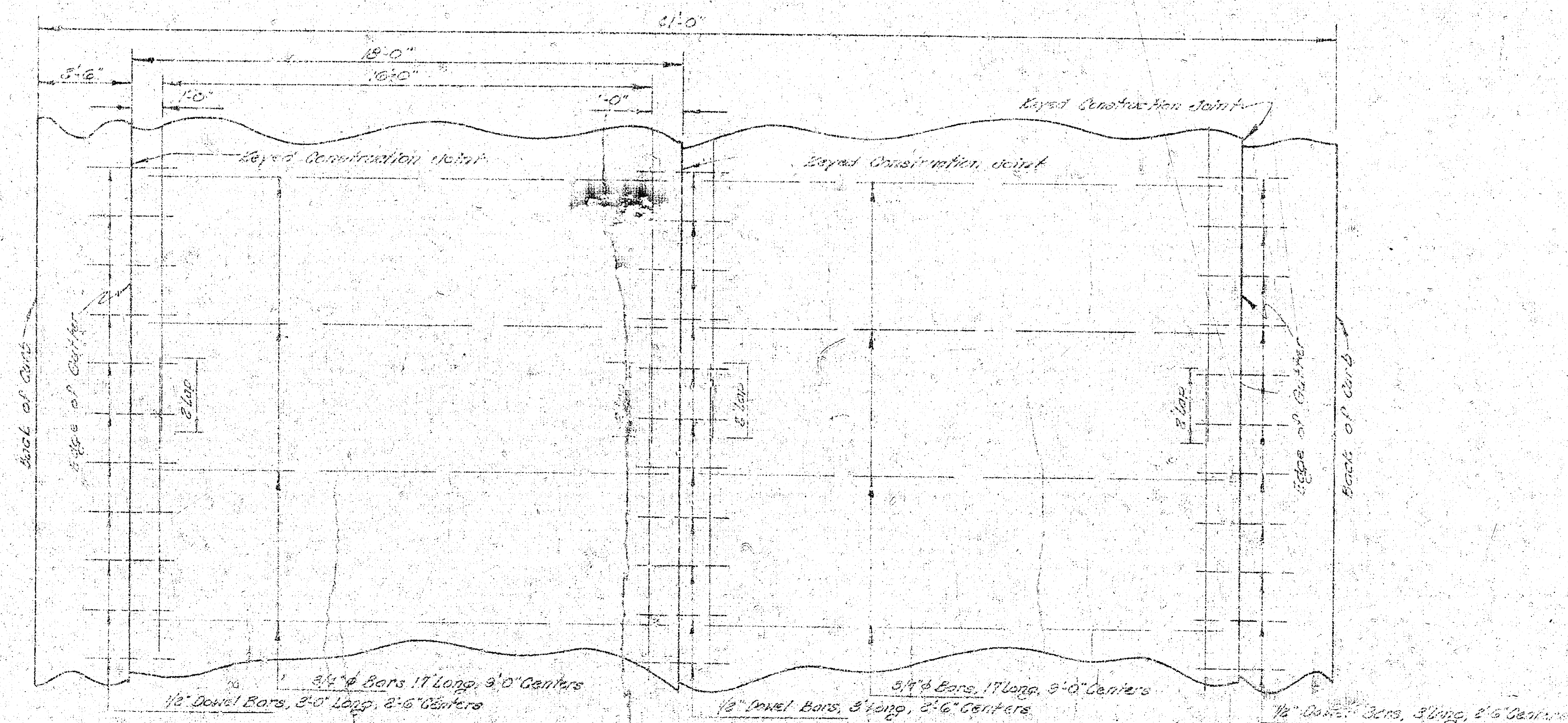
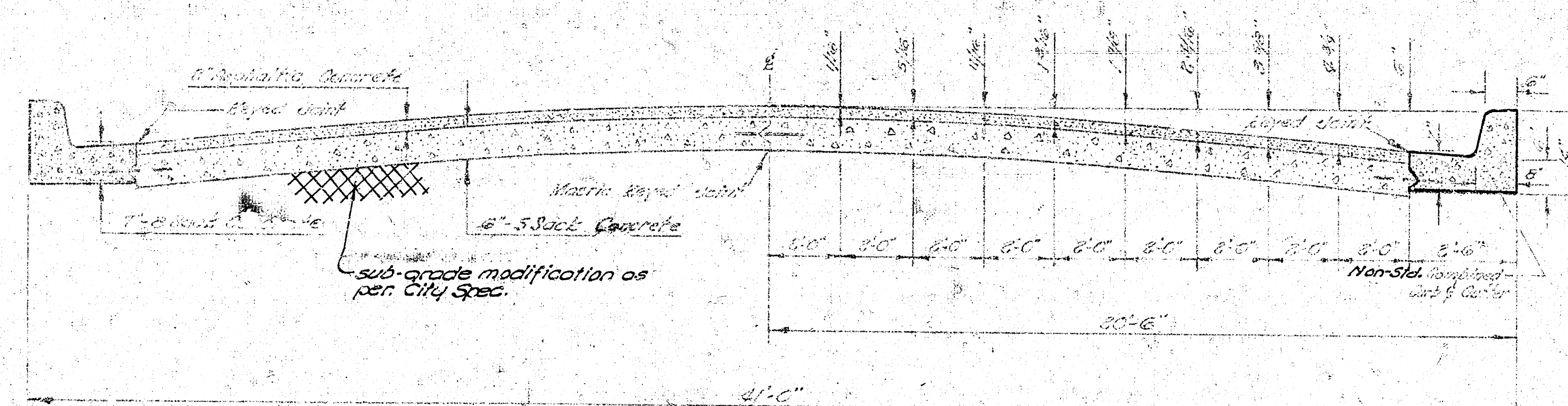
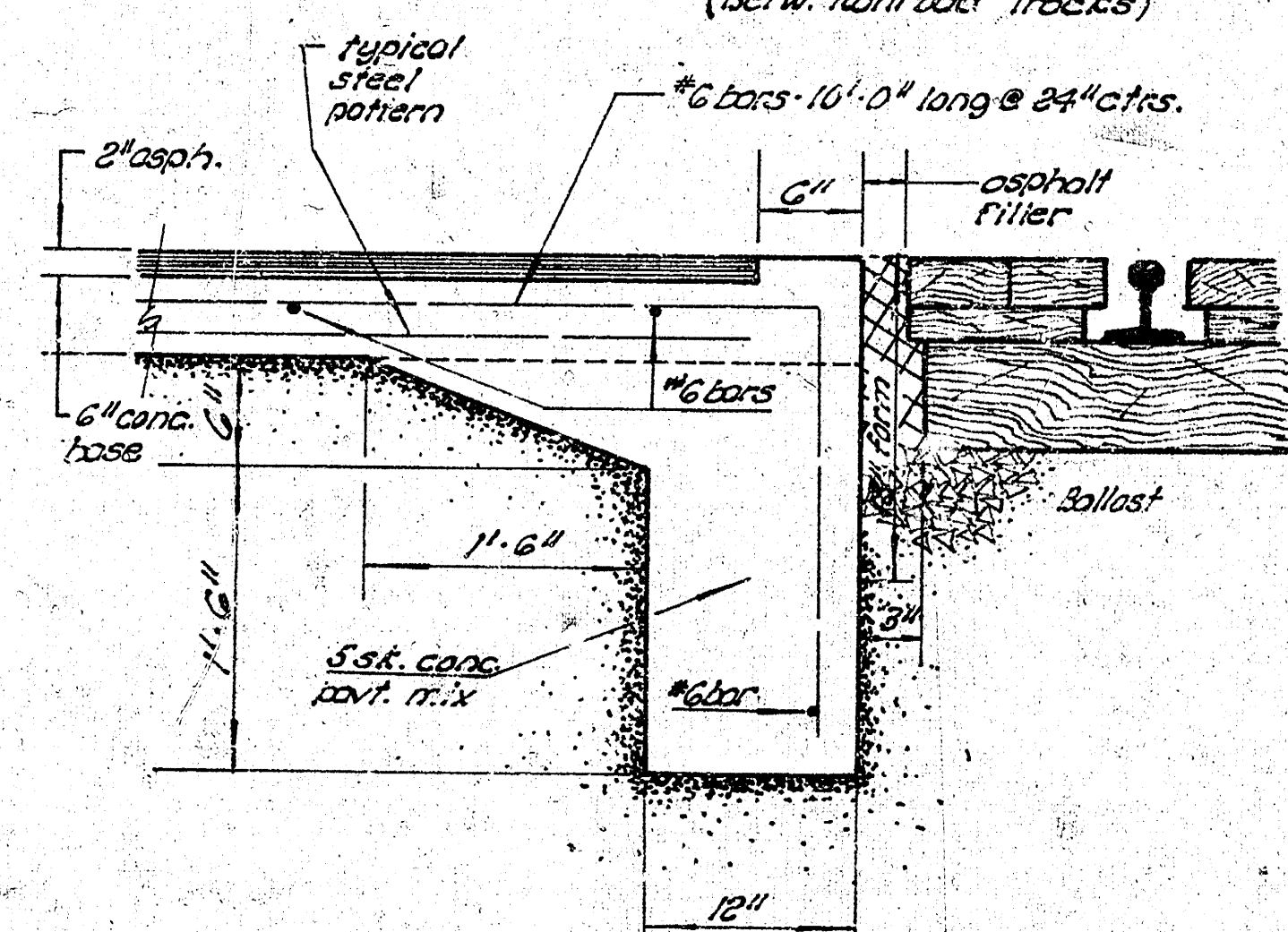
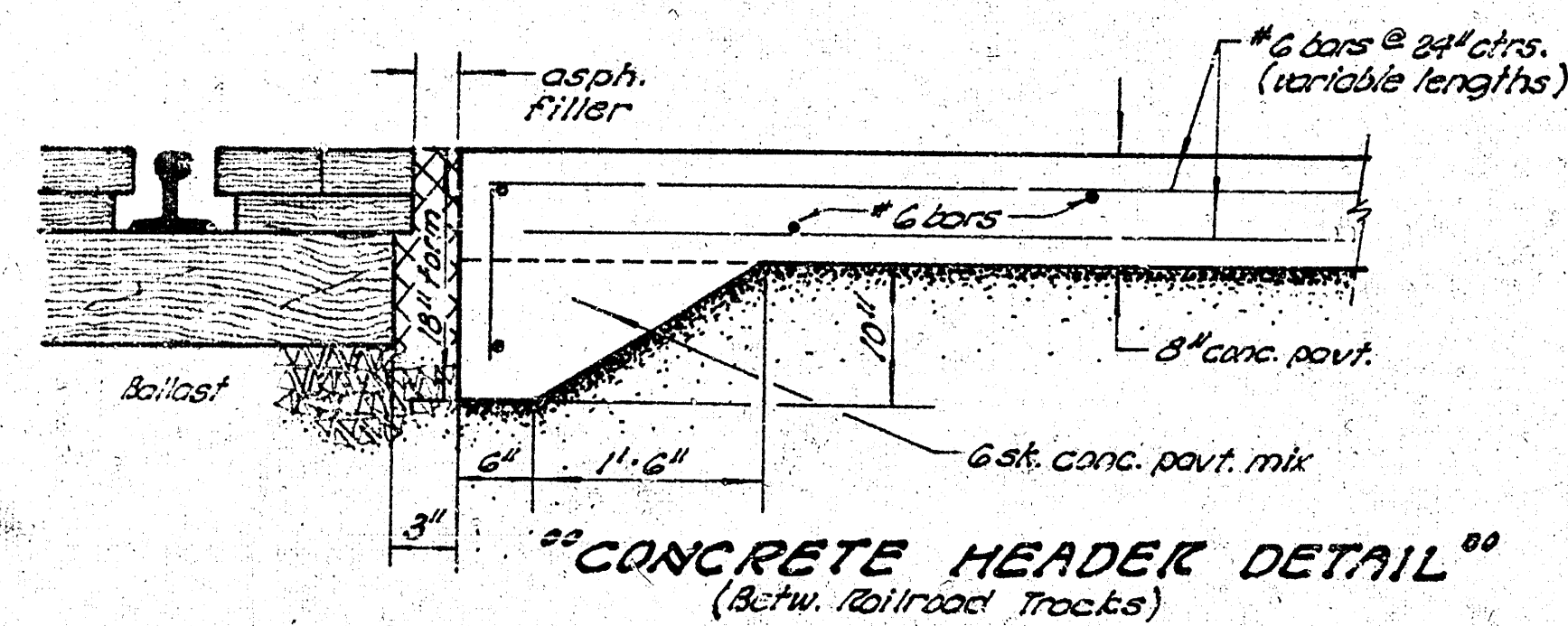


"EARTHWORK QUANTITIES"

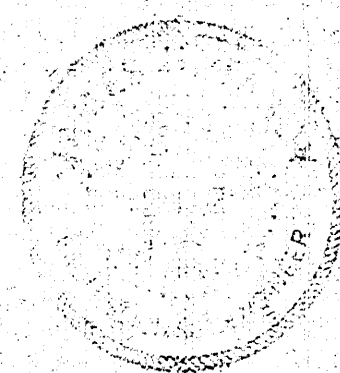
excavation	comp. fill
6735 CY.	1085 CY.
642.11 cu yd	1205 CY. S.G.M.
7073 CY.	5755 CY.

ENGLISH ST.
N.W. Wichita Ave. to 34'E-LL.
Ailey S. of Wichita Ave. 21.21 E-13

* NOTE TO FIELD ENGINEER & CONTRACTOR: All work on this plan is to be rechecked and 1/3 in. mesh.

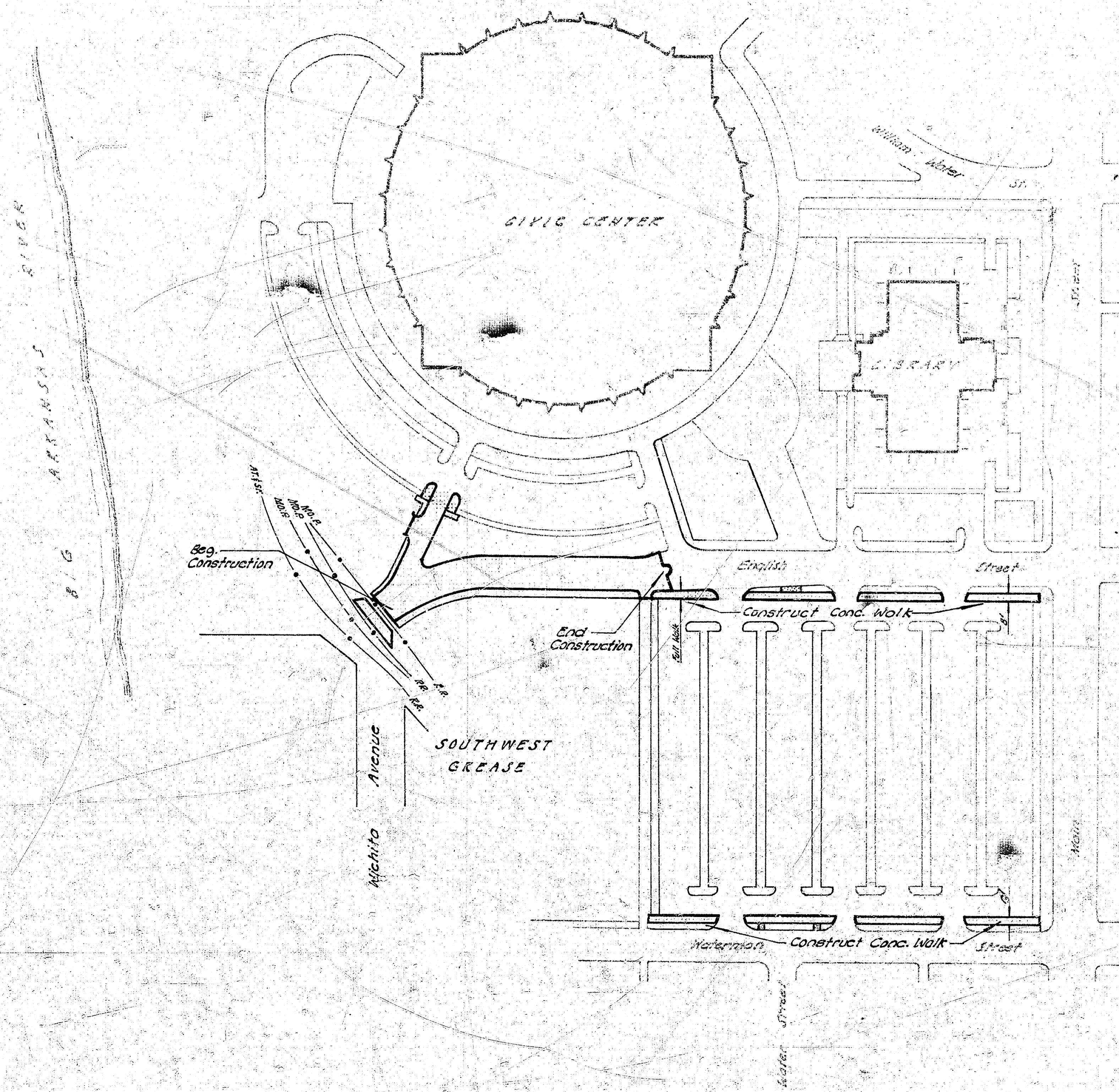


Survey
Plan
Geo.
Checked
1/14



INDEX

1. Location Map of Project Construction
2. Construction Plan Steel Patterns
3. Detailed Construction Plans
4. Drainage Plan
5. Cross-sections



"BILL OF MATERIALS"

The following list of items are estimated quantities only. The Contractor shall have full responsibility for providing all materials necessary as shown on detailed plans or as stated in related specifications to complete this project.

Pavement Work:

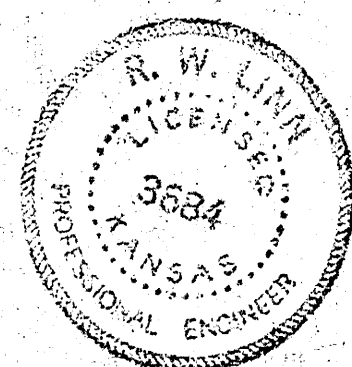
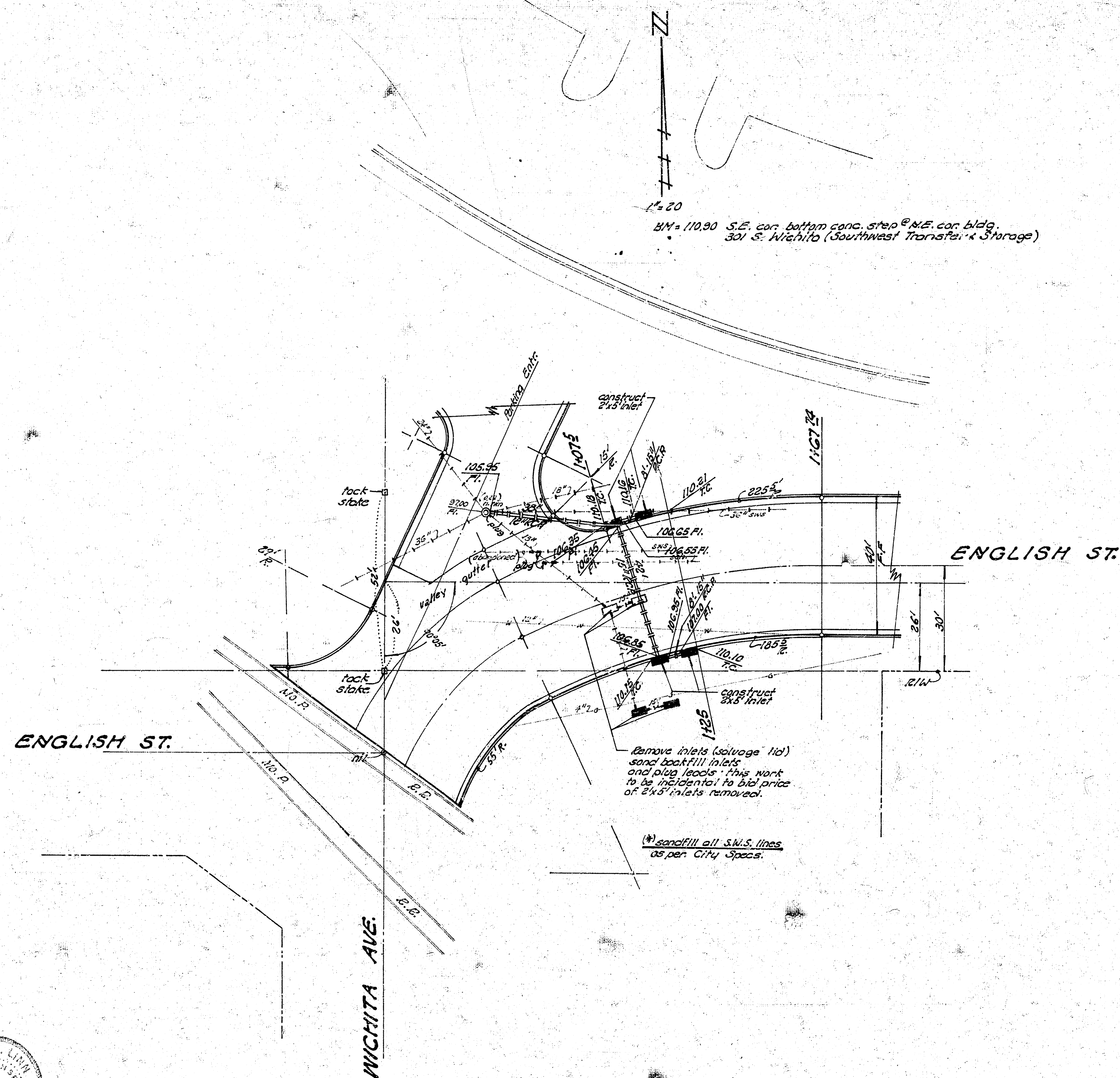
1. 305 5 1/2" 150# Conc. Pavt. (asph. base)
2. 184 5 1/2" 8" Conc. Pavt.
3. 184 5 1/2" 7" Conc. Pavt.
4. 175 5 1/2" 100# 150# (6" 5 1/2" base)
5. 305 L.F. curb
6. 45 L.F. int. curb
7. 225 L.F. 5 1/2" comb. cob. agt.
8. 75 5 1/2" 4" drive
9. 840 5 1/2" 4" reinf. walk
10. 545 5 1/2" (30)
11. 175 L.F. 5 1/2" 4"
12. 405 L.F. 5 1/2" 4"
13. 4 5 1/2" (336) 4"
14. 2 5 1/2" (236)
15. 500 lbs. reinf. steel
16. 707 0 1/2" excavation
17. 524 0 1/2" comp. fill
18. 1845 5 1/2" Lime-Treated Sub-grade
19. 125 L.F. Comb. cob. agt. rem.
20. 1245 5 1/2" 4" 4" 4" rem.
21. 20 5 1/2" 4" 4" 4" rem.
22. 30 5 1/2" 4" 4" 4" rem.

Drainage Work:

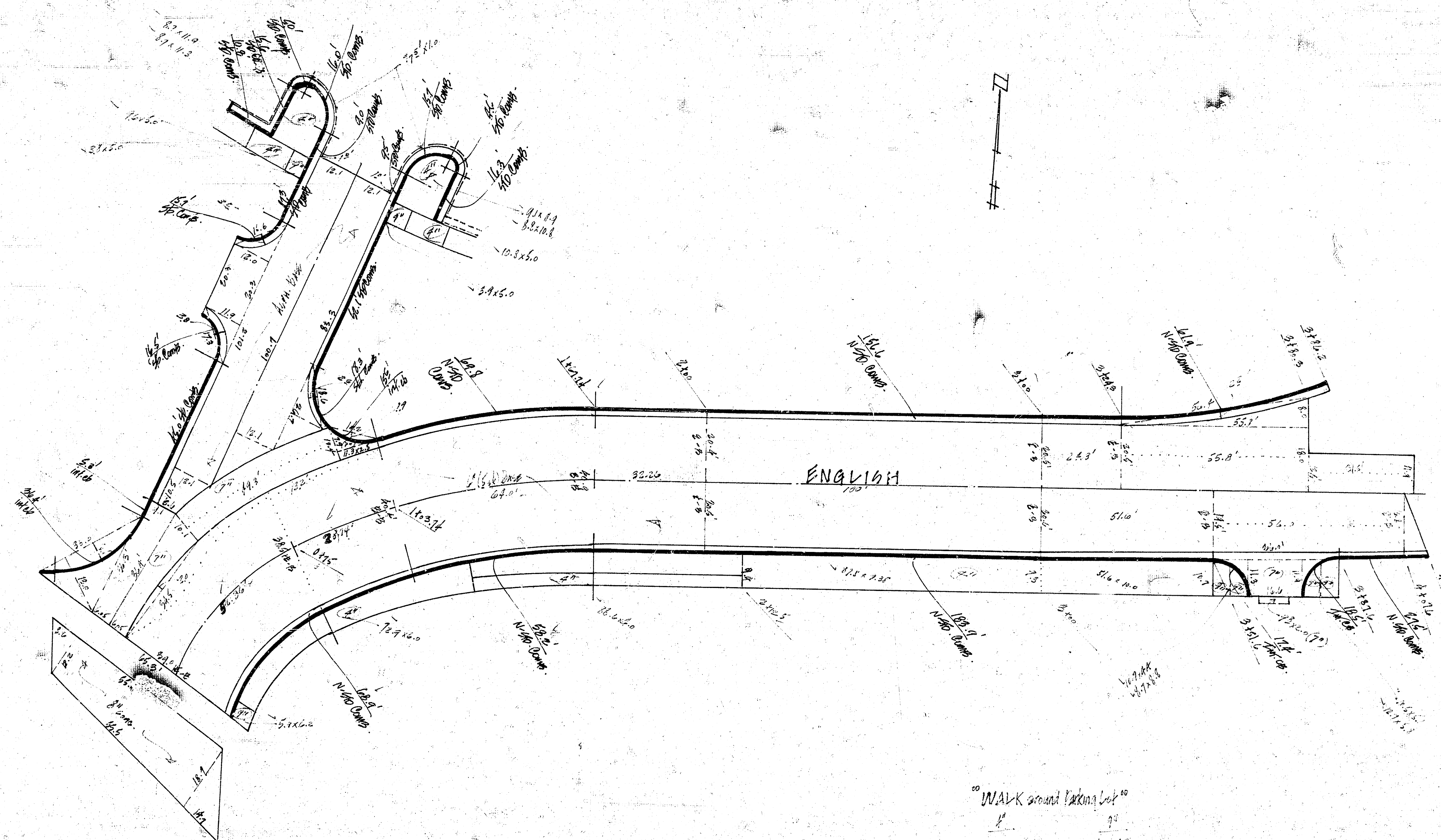
1. 40 L.F. 18" R.C.P.
2. 60 L.F. (50)
3. 4 2 1/2" inlets
4. 5 pipe plugs
5. 100 tons sand/fill
6. 4 2 1/2" inlets rem.
7. 2 Manhole adjustments

"ENGLISH STREET"

W.L. Wichita Ave. to 300 ft. E. of CL. Alley E. of
40' Asphaltic Conc. Pavt.
CITY OF WICHITA, KANSAS
D. W. Linn
Date: 1/14 U.R.A. - R-19



INCIDENTAL DRAINAGE
 in connection with English St. & Wichita Ave.
 to 38.0' E. of 1st Ave. East of Wichita Ave.
 City of Wichita, Kansas
 B.E. Smith — City Engineer
 Date: _____ Proj. No. U.R.A. R-19



10 WALK around Lakota #20

1st	2nd
✓ 12.34.50 87.5	6:42.47
✓ 15.3 87.5	6:51.57
✓ 15.3 87.5	7:04.10
✓ 103.48 87.19	7:20.00
✓ 37.54 80.5	7:30.00
✓ 37.54 80.5	7:40.00
✓ 64.96 80.5	7:50.00
✓ 64.96 80.5	8:00.00
✓ 64.96 80.5	8:10.00
✓ 64.96 80.5	8:20.00
✓ 64.96 80.5	8:30.00
✓ 64.96 80.5	8:40.00
✓ 64.96 80.5	8:50.00
✓ 64.96 80.5	9:00.00
✓ 64.96 80.5	9:10.00
✓ 64.96 80.5	9:20.00
✓ 64.96 80.5	9:30.00
✓ 64.96 80.5	9:40.00
✓ 64.96 80.5	9:50.00
✓ 64.96 80.5	10:00.00
✓ 64.96 80.5	10:10.00
✓ 64.96 80.5	10:20.00
✓ 64.96 80.5	10:30.00
✓ 64.96 80.5	10:40.00
✓ 64.96 80.5	10:50.00
✓ 64.96 80.5	11:00.00
✓ 64.96 80.5	11:10.00
✓ 64.96 80.5	11:20.00
✓ 64.96 80.5	11:30.00
✓ 64.96 80.5	11:40.00
✓ 64.96 80.5	11:50.00
✓ 64.96 80.5	12:00.00
✓ 64.96 80.5	12:10.00
✓ 64.96 80.5	12:20.00
✓ 64.96 80.5	12:30.00
✓ 64.96 80.5	12:40.00
✓ 64.96 80.5	12:50.00
✓ 64.96 80.5	13:00.00
✓ 64.96 80.5	13:10.00
✓ 64.96 80.5	13:20.00
✓ 64.96 80.5	13:30.00
✓ 64.96 80.5	13:40.00
✓ 64.96 80.5	13:50.00
✓ 64.96 80.5	14:00.00
✓ 64.96 80.5	14:10.00
✓ 64.96 80.5	14:20.00
✓ 64.96 80.5	14:30.00
✓ 64.96 80.5	14:40.00
✓ 64.96 80.5	14:50.00
✓ 64.96 80.5	15:00.00
✓ 64.96 80.5	15:10.00
✓ 64.96 80.5	15:20.00
✓ 64.96 80.5	15:30.00
✓ 64.96 80.5	15:40.00
✓ 64.96 80.5	15:50.00
✓ 64.96 80.5	16:00.00
✓ 64.96 80.5	16:10.00
✓ 64.96 80.5	16:20.00
✓ 64.96 80.5	16:30.00
✓ 64.96 80.5	16:40.00
✓ 64.96 80.5	16:50.00
✓ 64.96 80.5	17:00.00
✓ 64.96 80.5	17:10.00
✓ 64.96 80.5	17:20.00
✓ 64.96 80.5	17:30.00
✓ 64.96 80.5	17:40.00
✓ 64.96 80.5	17:50.00
✓ 64.96 80.5	18:00.00
✓ 64.96 80.5	18:10.00
✓ 64.96 80.5	18:20.00
✓ 64.96 80.5	18:30.00
✓ 64.96 80.5	18:40.00
✓ 64.96 80.5	18:50.00
✓ 64.96 80.5	19:00.00
✓ 64.96 80.5	19:10.00
✓ 64.96 80.5	19:20.00
✓ 64.96 80.5	19:30.00
✓ 64.96 80.5	19:40.00
✓ 64.96 80.5	19:50.00
✓ 64.96 80.5	20:00.00
✓ 64.96 80.5	20:10.00
✓ 64.96 80.5	20:20.00
✓ 64.96 80.5	20:30.00
✓ 64.96 80.5	20:40.00
✓ 64.96 80.5	20:50.00
✓ 64.96 80.5	21:00.00
✓ 64.96 80.5	21:10.00
✓ 64.96 80.5	21:20.00
✓ 64.96 80.5	21:30.00
✓ 64.96 80.5	21:40.00
✓ 64.96 80.5	21:50.00
✓ 64.96 80.5	22:00.00
✓ 64.96 80.5	22:10.00
✓ 64.96 80.5	22:20.00
✓ 64.96 80.5	22:30.00
✓ 64.96 80.5	22:40.00
✓ 64.96 80.5	22:50.00
✓ 64.96 80.5	23:00.00
✓ 64.96 80.5	23:10.00
✓ 64.96 80.5	23:20.00
✓ 64.96 80.5	23:30.00
✓ 64.96 80.5	23:40.00
✓ 64.96 80.5	23:50.00
✓ 64.96 80.5	24:00.00
✓ 64.96 80.5	24:10.00
✓ 64.96 80.5	24:20.00
✓ 64.96 80.5	24:30.00
✓ 64.96 80.5	24:40.00
✓ 64.96 80.5	24:50.00
✓ 64.96 80.5	25:00.00
✓ 64.96 80.5	25:10.00
✓ 64.96 80.5	25:20.00
✓ 64.96 80.5	25:30.00
✓ 64.96 80.5	25:40.00
✓ 64.96 80.5	25:50.00
✓ 64.96 80.5	26:00.00
✓ 64.96 80.5	26:10.00
✓ 64.96 80.5	26:20.00
✓ 64.96 80.5	26:30.00
✓ 64.96 80.5	2