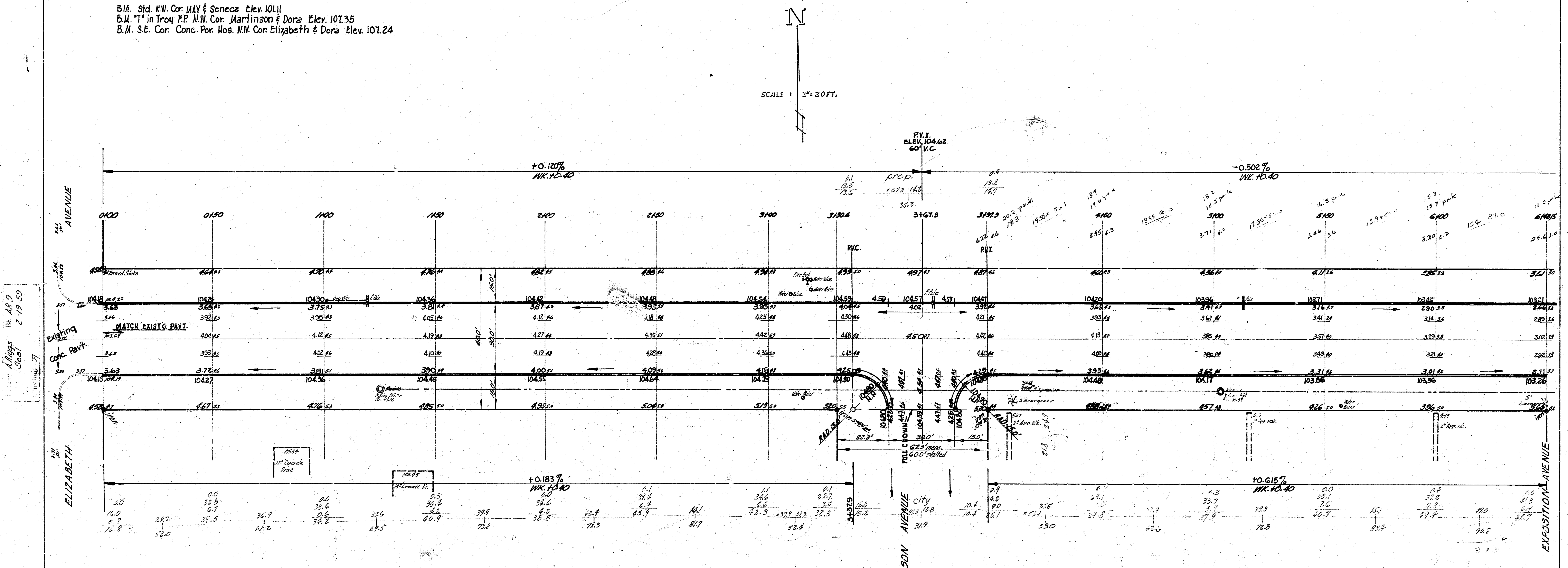
B.M. Std. N.W. Cor. MAY & Seneca Elev. 101.11
B.M. "T" in Troy F.P. N.W. Cor. Martinson & Dora Elev. 107.35
B.M. S.E. Cor. Conc. Por. Hos. N.W. Cor. Elizabeth & Dora Elev. 107.24


N
SCALE : 1" = 20 FT.
P.V.I.
ELEV. 104.62
60' V.C.
+0.120%
W.K. ±0.40
-0.502%
W.K. ±0.40
prop.
0+00
0+50
1+00
1+50
2+00
2+50
3+00
3+30.6
3+67.9
3+97.9
4+60
5+00
5+50
6+00
6+49.5
P.V.C.
P.V.T.
MATCH EXIST'G PAVT.
Existing Conc. Pavt.
Fire Hyd.
Water Valve
Water Meter
P. Pole
RAD. 15.0'
22.3'
30.0'
15.0'
67.3' meas.
60.0' platted
FULL CROWN
2" App. Wk.
+0.183%
W.K. ±0.40
+0.615%
W.K. ±0.40
city
ELIZABETH AVENUE
MARTINSON AVENUE
EXPOSITION AVENUE

EXCAVATION TOTALS

PROP EXCAV.	PROP FILL	CITY EXCAV.	CITY FILL
1201.9	11.2	124.4	2.0
+10% 120.2	+10% 1.2	+10% 12.4	+10% 0.2
1322.1 Cu.yds.	12.40 Cu.yds.	136.8 Cu.yds.	2.2 Cu.yds.

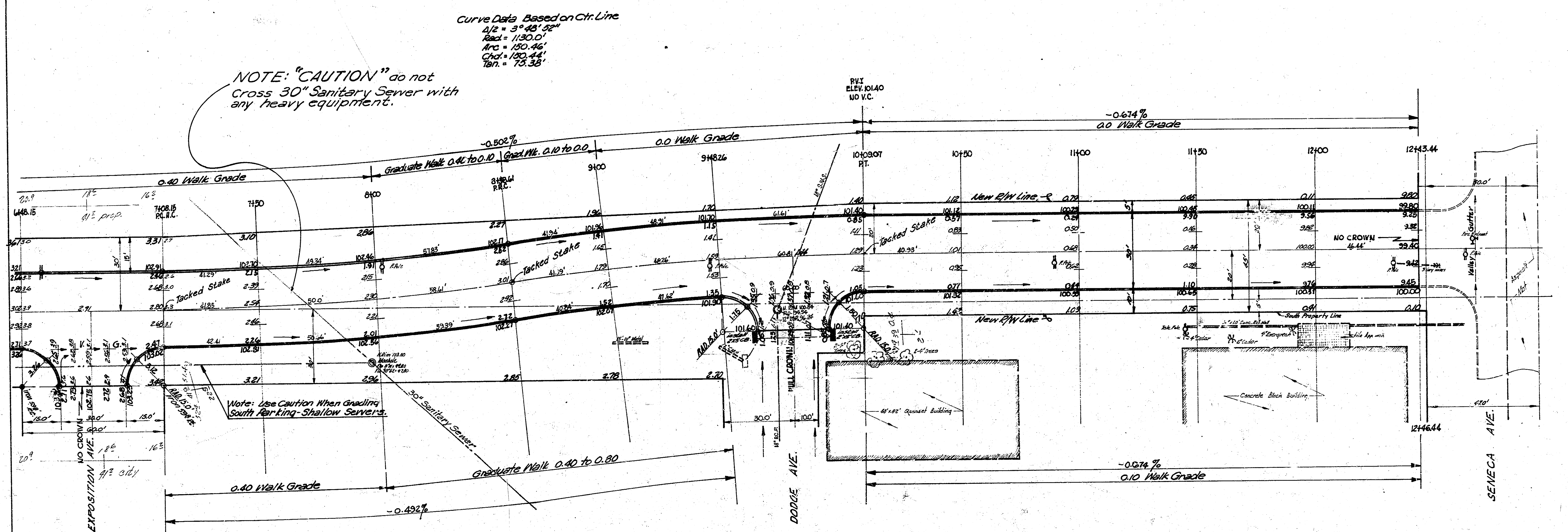
B. E. SMITH 436

JAMES H. [illegible] 2012

Sheet 1 of 3

DORA AVENUE

E.L. ELIZABETH AVE. - W.L. SENECA ST.
30.0' CONCRETE & C.B.
City of Wichita, Kansas
B.E. SMITH CITY ENGINEER
Date: Aug. 3, 59 Proj. No. C18-198


Curve Data Based on Ctr. Line
Δ/2 = 3°48'52"
Rad. = 1130.0'
Arc = 150.46'
Chd. = 150.44'
Tan. = 75.38'
NOTE: "CAUTION" do not Cross 30" Sanitary Sewer with any heavy equipment.
P.V.I
ELEV. 101.40
NO V.C.
0.40 Walk Grade
Graduate Walk 0.40 to 0.10
Grad. Wk. 0.10 to 0.0
-0.502%
0.0 Walk Grade
-0.674%
0.0 Walk Grade
6+48.15
7+08.15
P.C.N.C.
7+50
8+00
8+58.61
P.R.C.
9+00
9+48.26
10+09.07
P.T.
10+50
11+00
11+50
12+00
12+43.44
12+46.44
41³ prop.
41³ city
Tacked Stake
Tacked Stake
Tacked Stake
New R/W Line
New R/W Line
NO CROWN
NO CROWN
46.44'
P. Pole
Rim 103.00
Manhole
Note: Use Caution When Grading South Parking-Shallow Sewers.
30" Sanitary Sewer
18" S.W.S.
RAD. 15.0'
install 2x5 CB.
FULL CROWN
18" R.C.P.
30.0'
10.0'
15.0'
30.0'
60.0'
40'x82' Quonset Building
2-4" Trees
South Property Line
Conc. Ret. Wall
4" Cedar
6" Cedar
4" Evergreen
Tile App. walk
Concrete Block Building
Fire Hydrant
Gutter
Valley
Asphalt
30.0'
47.0'
Graduate Walk 0.40 to 0.80
0.40 Walk Grade
-0.492%
-0.674%
0.10 Walk Grade
EXPOSITION AVE.
DODGE AVE.
SENECA AVE.

CURVE DATA BASED ON CTR.LINE RADIUS 1130.0' Δ/2 = 3°48'52"					
Stationing	Arc Length	Chord Length 8' @ N. Curb	Chord Length 8' @ S. Curb	Deflection	Total Deflection
7+08.15	—			0° 00' 00"	0° 00' 00"
7+50	41.85	41.00'	42.71'	1° 03' 39"	1° 03' 39"
8+00	30.00	48.97'	51.01'	1° 16' 03"	2° 19' 42"
8+58.61	58.61	57.41'	59.79'	1° 29' 09"	3° 48' 51"
8+58.61	—			0° 00' 00"	0° 00' 00"
9+00	41.39	42.22'	40.54'	1° 02' 57"	1° 02' 57"
9+48.26	48.26	49.23'	47.27'	1° 13' 24"	2° 16' 21"
10+09.07	60.81	62.03'	59.56'	1° 32' 29"	3° 48' 50"

Deflection per foot of Curve = 1.521

DORA AVENUE
C18-198

Sheet 2 of 3