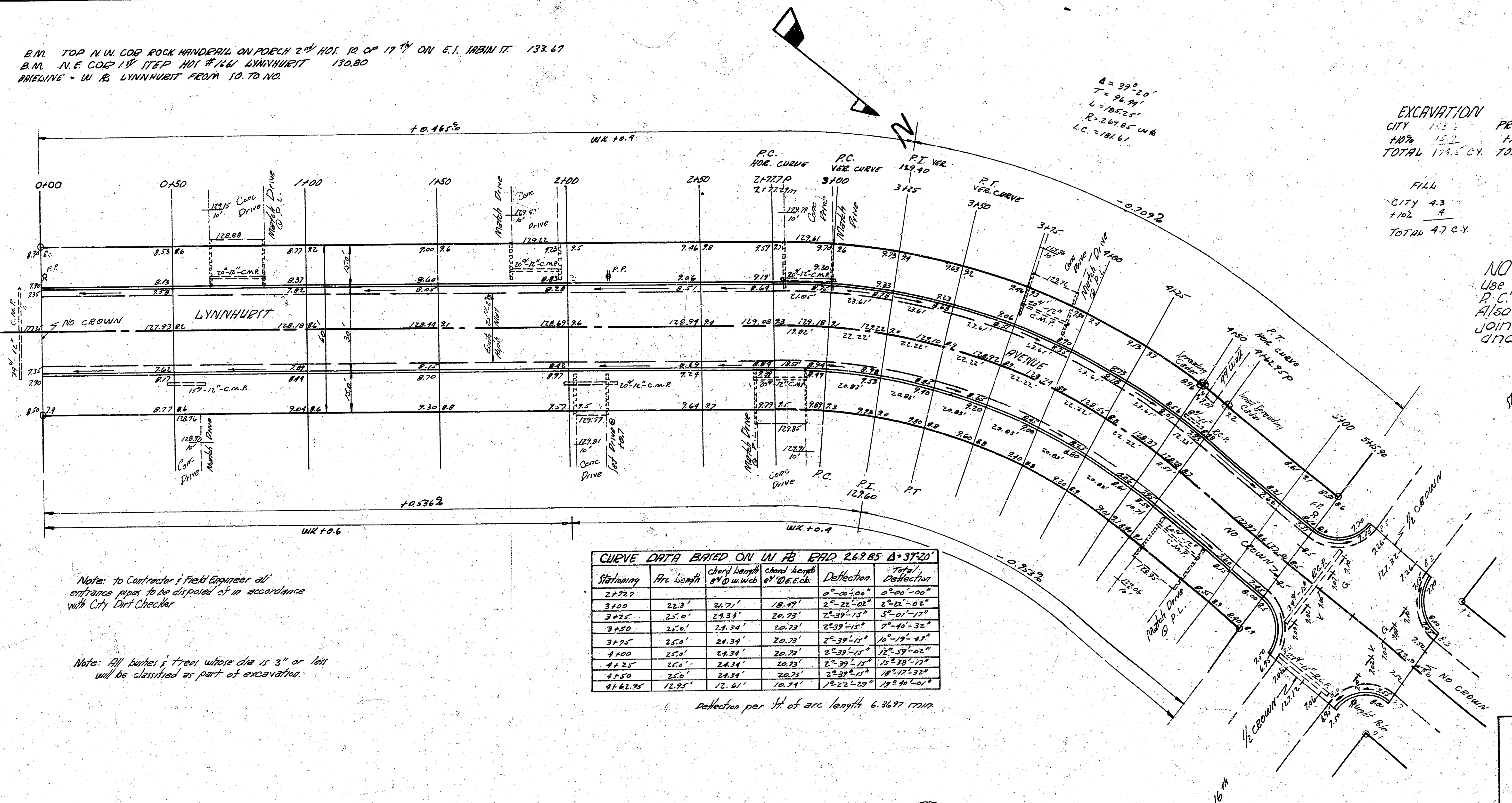
B.M. TOP N.W. COR ROCK HANDRAIL ON PORCH 2nd HOS. SO. OF 17TH ON E.S. SABIN ST. 133.67
B.M. N.E. COR 1ST STEP HOS #1661 LYNNHURST 130.80
BASELINE = W. P.L. LYNNHURST FROM SO. TO NO.



Survey Lea 6-27-58 Bk S-28
Plan Miller 7-31-58
Exc Miller
Checked

EXCAVATION
CITY 153.3 PROP 686.1
+10% 15.3 +10% 68.6
TOTAL 174.5 C.Y. TOTAL 754.7 C.Y.

FILL
CITY 4.3
+10% .4
TOTAL 4.7 C.Y.

NOTE:
Use prefab mastic joints at P.C. and P.T. of curve.
Also use 2 prefab mastic joints between the P.C. and P.T.

Note: to Contractor & Field Engineer all entrance pipes to be disposed of in accordance with City Dirt Checker

Note: All bushes & trees whose dia is 3" or less will be classified as part of excavation.

CURVE DATA BASED ON W P.L. RAD. 269.85 Δ=39°-20'

Stationing	Arc Length	chord length 8' @ w.walk	chord length 8' @ E.E.cb.	Deflection	Total Deflection
2+77.7				0°-00'-00"	0°-00'-00"
3+00	22.3'	21.71'	18.49'	2°-22'-02"	2°-22'-02"
3+25	25.0'	24.34'	20.73'	2°-39'-15"	5°-01'-17"
3+50	25.0'	24.34'	20.73'	2°-39'-15"	7°-40'-32"
3+75	25.0'	24.34'	20.73'	2°-39'-15"	10°-19'-47"
4+00	25.0'	24.34'	20.73'	2°-39'-15"	12°-59'-02"
4+25	25.0'	24.34'	20.73'	2°-39'-15"	15°-38'-17"
4+50	25.0'	24.34'	20.73'	2°-39'-15"	18°-17'-32"
4+62.95	12.95'	12.61'	10.74'	1°-22'-29"	19°-40'-01"

Deflection per ft. of arc length 6.3697 min.

JAMES H. TANDY LICENSED 2012 KANSAS PROFESSIONAL ENGINEER

B.E. SMITH LICENSED 436 KANSAS PROFESSIONAL ENGINEER

1/2

LYNNHURST AVE.
N.L. OTT - N.L. 16TH ST.
30' CONC & CB.
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
DATE AUG. 1958 PROJ NO C17-128