B.M. N.E. CORNER CONC. PORCH HO # 2471 OAK 99.97
B.M. N.E. CORNER CONC. PORCH HO 2433 OAK 99.43
BASELINE = N.L. of E. & W. of OAK STREET

Survey Notes 6-24-58 15-2-V
Plat No. 49
Eng. D.C.

OSAGE

OAK

STREET

SOUTH LINE LEONARD POWELL ADDN.

Δ = 54°
R = 141.00' Nft

Δ = 36°-28'-30"
R = 292.04 Nft

P.T. 2+28.73
P.C. 3+28.13
P.T. 5+52.47

Match Curve

+0.122%

W.L. +0.40 to 0.50
W.L. 0.50 to +0.20
W.L. +0.20

CURVE DATA BASED ON N.P.L. RRD 16/100' Δ-54°

Stationing	Arc Length	Chord Length @ ℄ N.N. Ch	Chord Length @ ℄ S.S. Ch	Deflection	Total Deflection
0+77	—	—	—	0°-00'-00"	0°-0-00
1+00	23.0'	21.78	15.42	4°-01'-38"	4°-01'-37"
1+25	25.0'	23.89	16.75	4°-26'-59"	8°-32'-27"
1+50	25.0'	23.89	16.75	4°-26'-59"	12°-59'-27"
1+75	25.0'	23.89	16.75	4°-26'-59"	17°-26'-27"
2+00	25.0'	23.89	16.75	4°-26'-59"	21°-53'-09"
2+28.73	28.73'	27.44	19.25	5°-06'-39"	26°-59'-48"

Deflection per foot of arc length 10.674 min.

CURVE DATA BASED ON N.P.L. RRD 24244 Δ-36°28'30"

Stationing	Arc Length	Chord Length @ ℄ N.N. Ch	Chord Length @ ℄ S.S. Ch	Deflection	Total Deflection
3+98.13	—	—	—	0°-00'-00"	0°-00'-00"
4+25	26.87'	26.08	20.93	3°-10'-30"	3°-10'-30"
4+50	25.0'	24.26	19.52	2°-57'-15"	6°-07'-45"
4+75	25.0'	24.26	19.52	2°-57'-15"	9°-05'-00"
5+00	25.0'	24.26	19.52	2°-57'-15"	12°-02'-15"
5+25	25.0'	24.26	19.52	2°-57'-15"	14°-59'-30"
5+52.47	27.47'	26.59	21.40	3°-14'-15"	18°-13'-45"

Deflection per foot of arc length 11.0898 min.

EXCAVATION

CITY	PROP	490.1
+ 10%	+ 10%	49.0
TOTAL	TOTAL	987.9

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

Scale 1"=20'

R. W. LINN LICENSED 3684 KANSAS PROFESSIONAL ENGINEER

R. E. SMITH LICENSED 436 KANSAS PROFESSIONAL ENGINEER

OAK STREET
E.L. of LOT 5 BLK. 4 of LEONARD POWELL ADDN. to S.L. LEONARD POWELL ADDN.
30' CONC. & C.B.
PROJ. NO. C15-11

OAK STREET
E.L. OSAGE to E.L. LOT 5 BLOCK 4 of LEONARD POWELL ADDN.
30' CONC. & C.B.
CITY OF WICHITA, KANSAS
B. E. SMITH CITY ENGINEER
AUG. 1958 PROJ. NO. C15-10