B.M. = 2016.7 "R" in Ritchie Top C.Cb. 16th St. & El. Lot 4, Blk. 1, (P.T. of Curve)
B.M. = 2028.8 I. R.R. Spike & Side Bell Pole on S.E. Cor. 16th Street & Woodlawn Blvd.
B.M. = 2116 City Standard @ 17th Street & Woodlawn Blvd.
Base line on North Property line 16th Street.

1" = 20'

Curve Data Based On North R. R. = 161.64' $\frac{1}{2}$° = 35' 47"

Station	Arc Length	Chord Length @ 9a. Curb	Chord Length @ 16 Curb	Deflection	Total Deflection
3+85.04	P.C.	–	–	0° 00' 00"	0° 00' 00"
4+00	14.96'	10.05'	14.30'	8° 39' 05"	2° 39' 05"
25	25.00'	16.79'	23.89'	4° 25' 51"	7° 04' 56"
50	"	"	"	" " "	11° 30' 47"
75	"	"	"	" " "	15° 56' 38"
5+00	25.00'	16.79'	23.89'	4° 25' 51"	20° 22' 29"
30.79	30.79'	20.65'	29.40'	5° 27' 25"	25° 49' 54"

Deflection per 1" of Curve = .10 = 3306 units

Boulevard

P.I. Elev. 2018.40 No V.C.

-1.633 %
+0.7' walk gr.

-1.271 %
+0.7' walk gr.

0+00 | 0+50 | 1+00 | 1+50 | 2+00 | 2+50 | 3+00 | 3+50 | 3+85.04 | 4+00 | 4+25 | 4+50 | 4+75 | 5+00 | 5+30.79

1:20

Construct 1" Asphalt Mat. up

Existing Asphalt Mat.

Grade
Full Crown

16th. Street

Existing Asphalt Mat.

1:20

30.00' Rt.

1:20

1:20

Woodlawn

-1.433 %
+0.7' walk gr.

P.I. Elev. 2030.00 No V.C.

-1.393 %
+0.7' walk gr.

Existing Asphalt Concrete

Remove Existing Curb & Gutter

Armour Dr.

Earthwork Quantities

Excavation	
Prop.	Diff.
952.8	85.3
+96.7 (10%)	+8.1 (10%)
1163.5 cu.	28.6 cu.

JAN FOR THE UNION 2012

SIXTEENTH STREET

E.E. Woodlawn Blvd. to El. Lot 4, Blk. 1, Mt. Lwen 7th Subd.

26'-8'-30' Asphaltic Concrete Pvmt.

City of Wichita, Kansas

B.E. Smith — City Engineer

Date: JUNE 1954 Proj. No. C-12-32