Scale = 1" = 20'

NOTE: Sanitary Sewer to be constructed prior to paving.

B.M. 1691 I. R.R. Spike, N.S. Transformer Pole, 8.5' S. Central, 25' E. Longford Lane N.
B.M. 1714 "X" Top S. curb Tipperary - 0.3' W. of W. end radius, S.W. Longford Lane & Tipperary.

Base Line - E.R. Longford Lane

+0.222% walk gr. +1.10

CENTRAL AVENUE

0+0 +50 1+0 +50 +73.28 2+0 +50 3+0 +50 4+0 +50 5+0 +24.17 +50 6+0

P.C. P.C.C. P.C.C. P.C.C.

match 17.0% 16.8% 17.0% 17.0% 17.0% 17.0% 17.0% 17.0% 17.0% 17.0% 17.0% 17.0% 17.0% 17.0% 17.0%

NO CROWN

7" Concrete

R=324.36'

(R=279.84')

(R=1282.36')

(R=2233.86')

Δ = 9°00'
R = 2233.86' E.R.
L = 350.39'
T = 175.80'
LC = 350.54'

R=1362.44'

R=1413.22'

+0.217% walk gr. +0.40

CURVE DATA BASED ON E.R. RAD. = 2233.86' Δ = 9°00'

Sta.	Arc.	Chd. length E&E Curb	Chd. length E&W Curbs	Defl.	T. Defl.
P.C. 1+73.28	-	-	-	0°00'00"	0°00'00"
2	21.72'	20.16'	21.73'	0°20'32"	0°20'32"
+50	50.0	50.15'	51.16'	0°38'38"	0°59'10"
3	"	"	"	"	1°37'50"
+50	"	"	"	"	2°16'28"
4	"	"	"	"	2°56'06"
+50	"	"	"	"	3°33'54"
5	24.0	50.15'	51.18'	0°33'08"	4°11'56"
P.C.C. 5+24.17	23.17'	24.16'	24.65'	0°18'36"	4°29'52"

Earthwork Quantities

Compacted Fill		Excavation	
Prop.	City	Prop.	City
314	8.1	842.1	22.1
8.4 (11%)	18 (110%)	294.2 (110%)	22 (114%)
983 C.Y.	17.9 C.Y.	3036.3 B.Y.	24.3 C.Y.

LONGFORD LANE

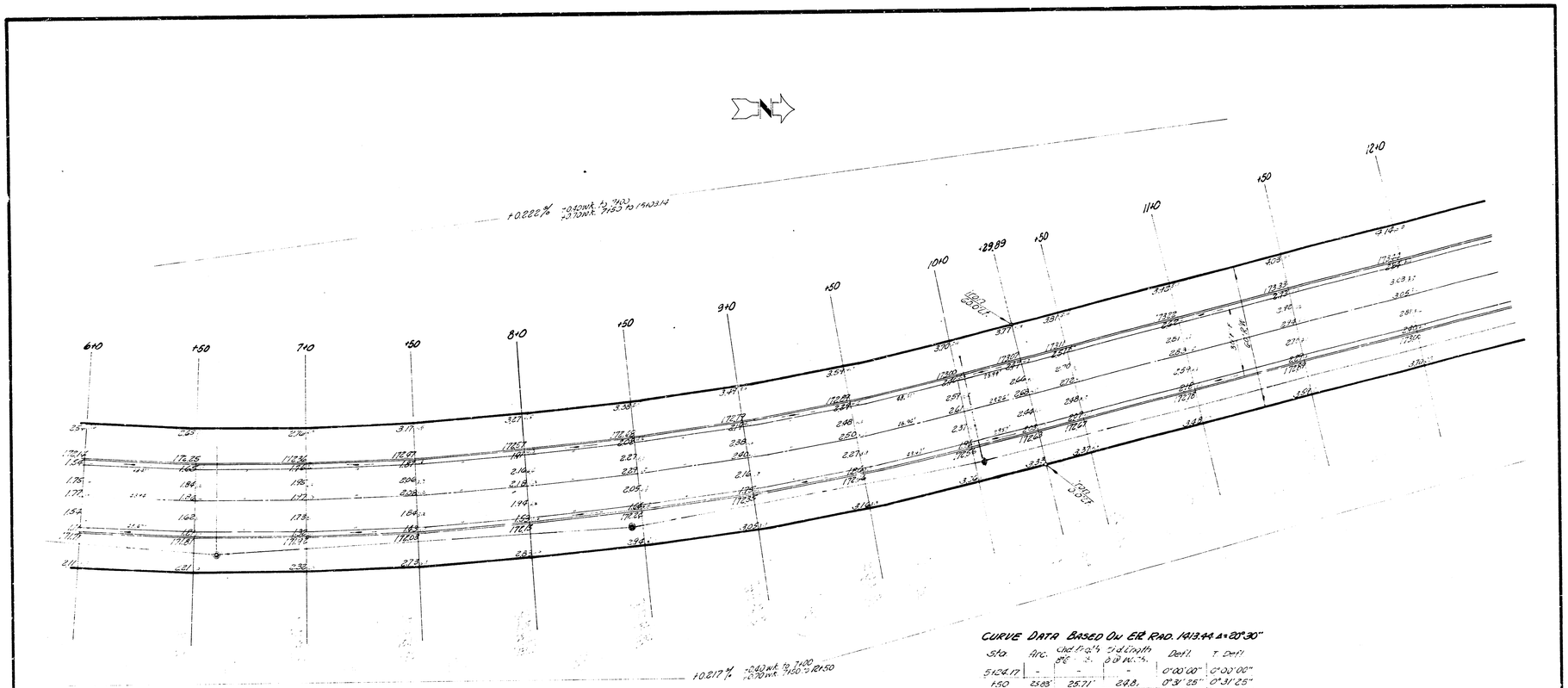
N.L. Central Avenue to S.L. Tipperary

26'-2"-30' Asphaltic Concrete Pavement

City of Wichita, Kansas

B.E. Smith City Engineer

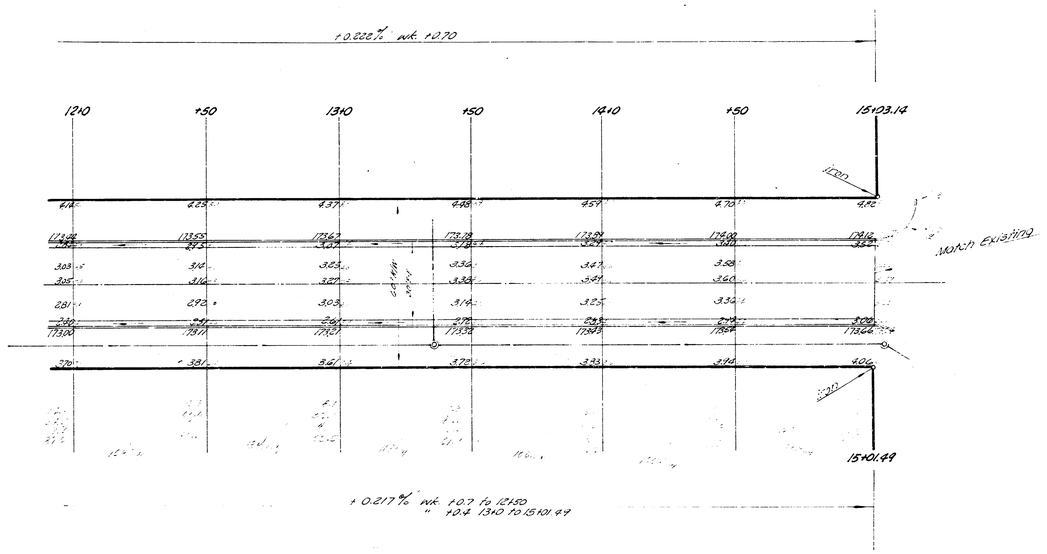
Date: Oct. 1953 Proj. No. C11-52 1/3



CURVE DATA BASED ON ER RAD. 1413.44 Δ=20°30"

Sta.	Arc.	Chd. ft. o's	Tid Length @ Rd. Mk's.	Defl.	T. Defl
5+24.17	–	–	–	0°00'00"	0°00'00"
1+50	25.83	25.71'	24.8.	0°31'25"	0°31'25"
6	50'	49.73'	48.11'	1°00'48"	1°32'13"
1+50	"	"	"	"	2°33'01"
7	"	"	"	"	3°33'49"
1+50	"	"	"	"	4°34'37"
8	"	"	"	"	5°35'25"
1+50	"	"	"	"	6°36'13"
9	"	"	"	"	7°37'01"
1+50	"	"	"	"	8°37'47"
10	50'	49.73'	48.11'	1°00'48"	1°38'37"
1+29.89	29.89'	29.73'	28.76'	0°36'21"	10°14'58"

Longford Lane C11-52
NL. Central Ave. to S.L. Tipperary



Preliminary Data
N.E. Cen.Rd. to S.E. Tipperary

C.1-53

S.3