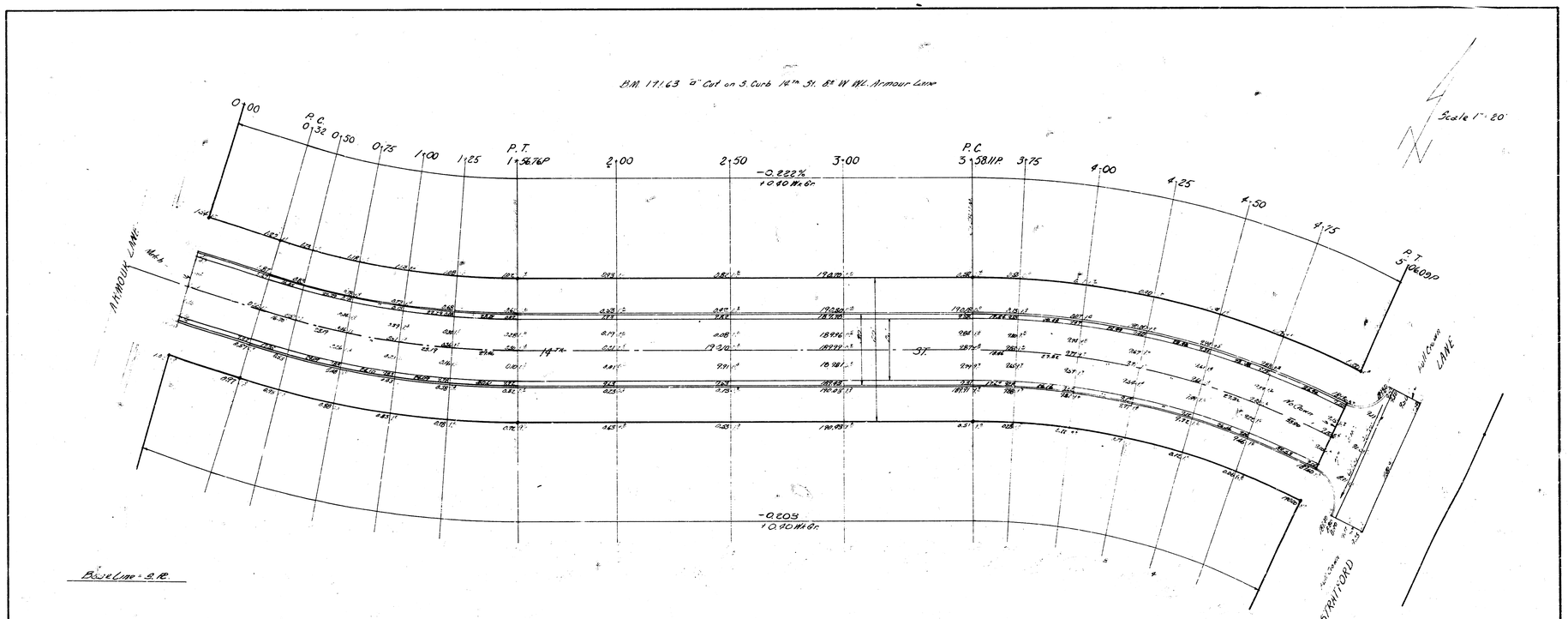


Base Line = B.R.

Curve Data Based on B.R. R= 414.80 Δ 17° 13' 56"					
Sta.	Arc.	Chord Length R&N Curb	Chord Length E&S Curb	Deflection	Total Defl's.
PC 0+32.60				0° 00' 00"	0° 00' 00"
0+50	17.40	17.39	17.39	1° 14' 35"	1° 14' 35"
0+75	25.00	24.86	24.87	1° 47' 36"	3° 02' 11"
1+00	25.00	24.86	24.87	1° 47' 36"	4° 49' 47"
1+25	25.00	24.86	24.87	1° 47' 36"	6° 37' 23"
PT 1+58.76	33.76	33.62	33.63	2° 25' 33"	9° 02' 56"

Deflection Per 14 = 4.14286 mins.

Curve Data Based on B.R. R= 382.00 Δ 26° 15'					
Sta.	Arc.	Chord Length R&N Curb	Chord Length E&S Curb	Deflection	Total Defl's.
PC 3+58.11				0° 00' 00"	0° 00' 00"
3+75	16.89	16.86	16.86	1° 09' 55"	1° 09' 55"
4+00	25.00	24.94	24.95	1° 36' 12"	2° 46' 07"
4+25	25.00	24.94	24.95	1° 36' 12"	4° 22' 19"
4+50	25.00	24.94	24.95	1° 36' 12"	5° 58' 31"
4+75	25.00	24.94	24.95	1° 36' 12"	7° 34' 43"
PT 5+00.00	31.09	31.02	31.03	1° 59' 47"	9° 34' 30"

Deflection Per 14 = 5.32143 mins.

Excavation

	Prop. C.Y.	Cut C.Y.
	375.1	28.1
10%	37.5	2.8
Total C.Y.	412.6	30.9

Comp. Fill

	Prop. C.Y.
	12.3
10%	1.2
Total C.Y.	13.5

14TH ST.

E.L. Armour Lane to E.L. Stratford Lane

26' - 2 30 A.C.

City of Wichita, Kansas

B.E. Smith City Engineer

Date SEPT. 1953 Proj. No. 018-87