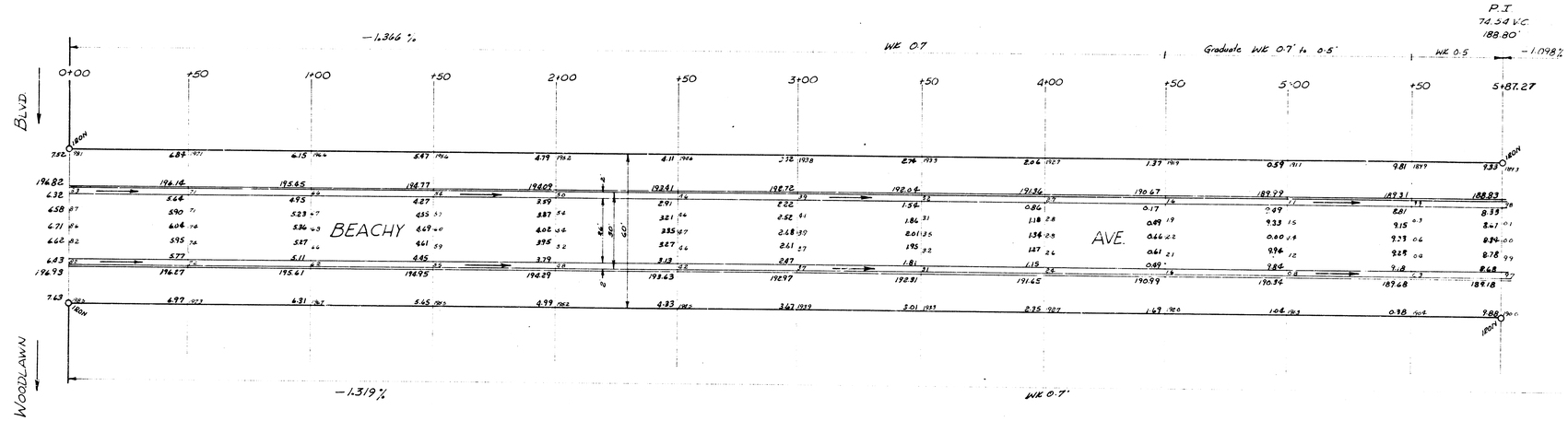
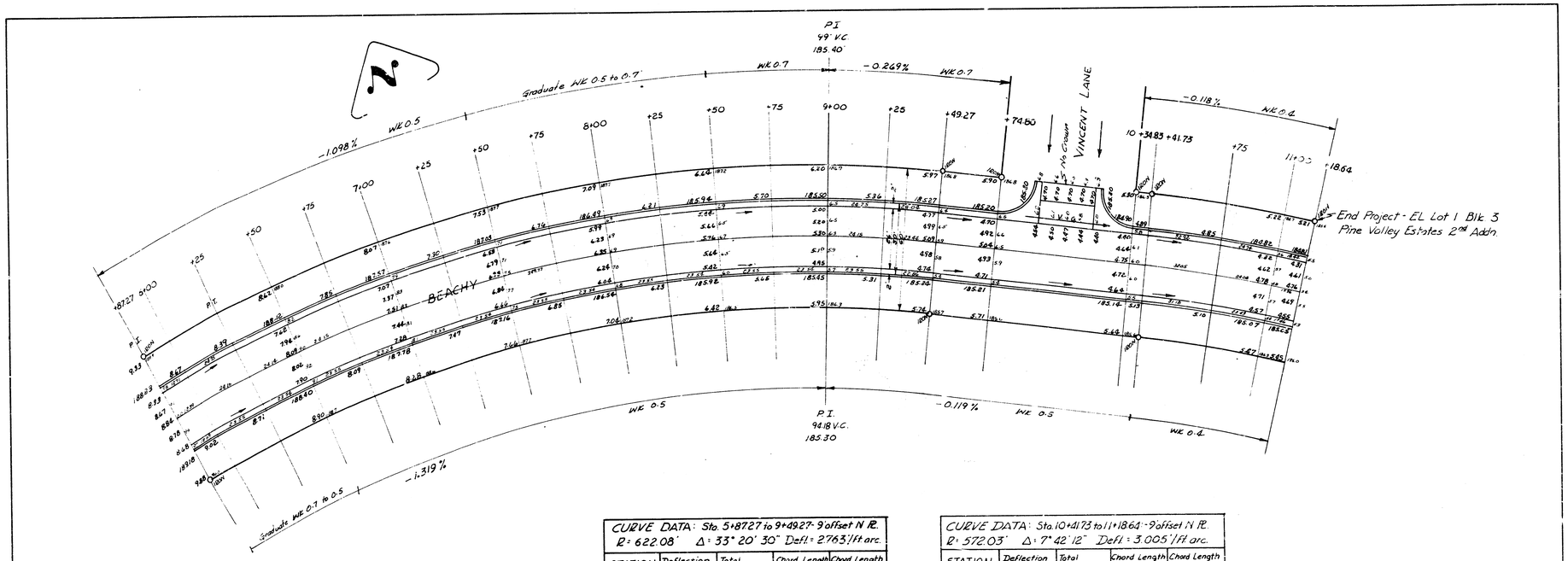
BM - 1975.0 Standard NW cor. 9th & Woodlawn.
Stationing on 9° offset S. of N. Property Line.



Sheet 1 of 2.

BEACHY AVE.
EL Woodlawn to EL Lot 1 Blk 3 Pine Valley 2nd
26-2-30 AC.
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
JULY 1956 PROJ NO C16-87

Hughes
Graves
Greene
G-15



CURVE DATA: Sta. 5+87.27 to 9+49.27 - 9' offset N Rt.
R = 622.08' Δ = 33° 20' 30" Defl = 2.763'/ft arc.

STATION	Deflection Angle	Total Deflection	Chord Length 6' offset Ncb	Chord Length 6' offset Scb.
5+87.27				
6+00	0° 35' 09"	0° 35' 09"	12.72	11.84
+25	1° 09' 05"	1° 44' 14"	24.99	23.31
+50	1° 09' 05"	2° 53' 19"	24.99	23.31
+75	1° 09' 05"	4° 02' 24"	24.99	23.31
7+00	1° 09' 05"	5° 11' 29"	24.99	23.31
+25	1° 09' 05"	6° 20' 34"	24.99	23.31
+50	1° 09' 05"	7° 29' 39"	24.99	23.31
+75	1° 09' 05"	8° 38' 44"	24.99	23.31
8+00	1° 09' 05"	9° 47' 49"	24.99	23.31
+25	1° 09' 05"	10° 56' 54"	24.99	23.31
+50	1° 09' 05"	12° 05' 59"	24.99	23.31
+75	1° 09' 05"	13° 15' 04"	24.99	23.31
9+00	1° 09' 05"	14° 24' 09"	24.99	23.31
+25	1° 09' 05"	15° 33' 14"	24.99	23.31
9+49.27	1° 07' 08"	16° 40' 16"	24.26	22.42

CURVE DATA: Sta. 10+41.73 to 11+18.64 - 9' offset N Rt.
R = 572.03' Δ = 7° 42' 12" Defl = 3.005'/ft arc.

STATION	Deflection Angle	Total Deflection	Chord Length 6' of set Ncb	Chord Length 6' offset Scb.
10+41.73				
+75	1° 39' 58"	1° 39' 58"	33.24	33.82
11+00	1° 15' 08"	2° 55' 06"	24.99	23.16
11+18.64	0° 54' 00"	3° 51' 06"	18.63	17.27

BEACHY AVE. C16-87
Sheet 2 of 2