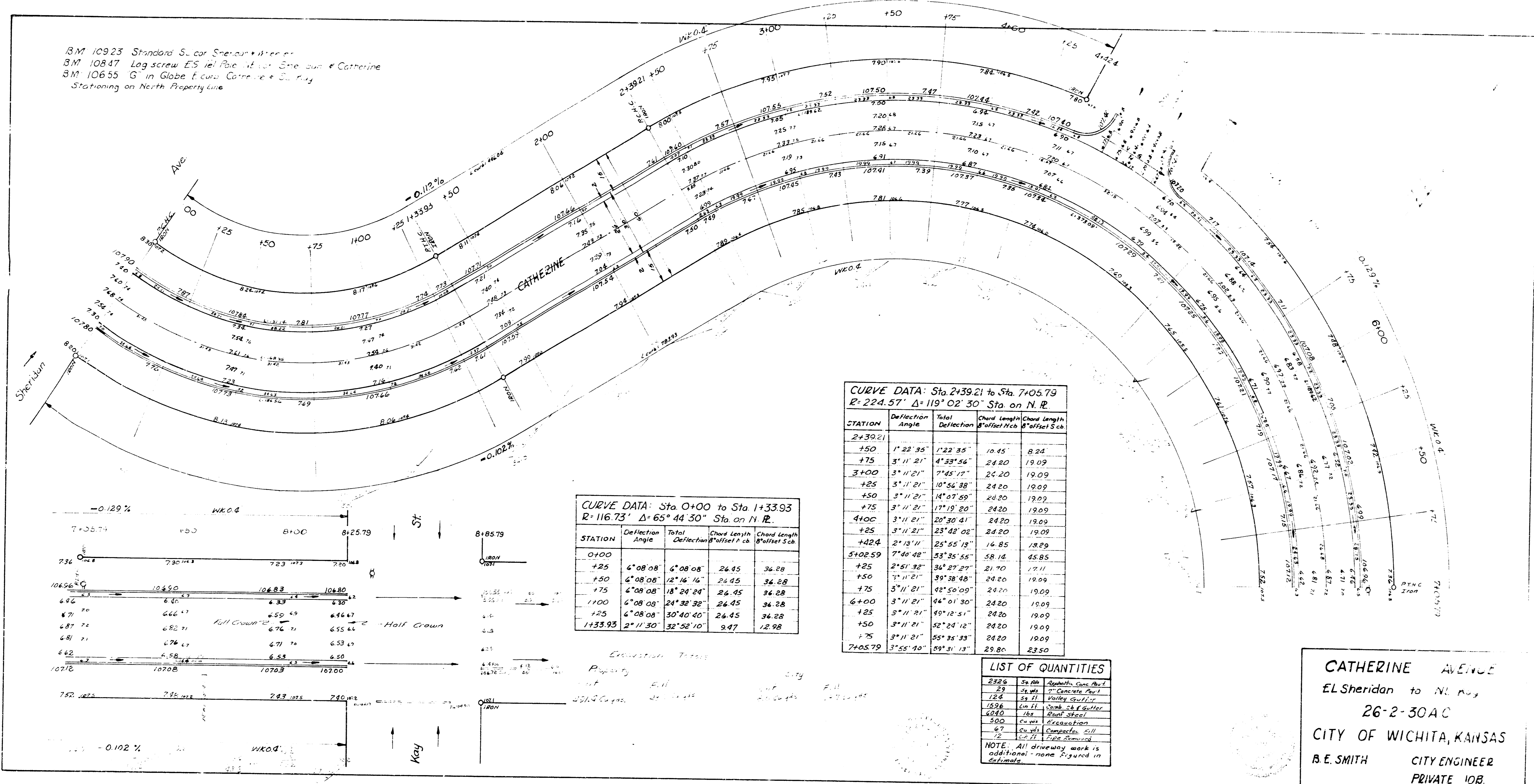


B.M. 10923 Standard S. cor Sherman Ave
 B.M. 10847 Lag screw ES 1/2" dia. at cor Sherman & Catherine
 B.M. 10655 3" in Globe T case Catherine & Quincy
 Stationing on North Property line

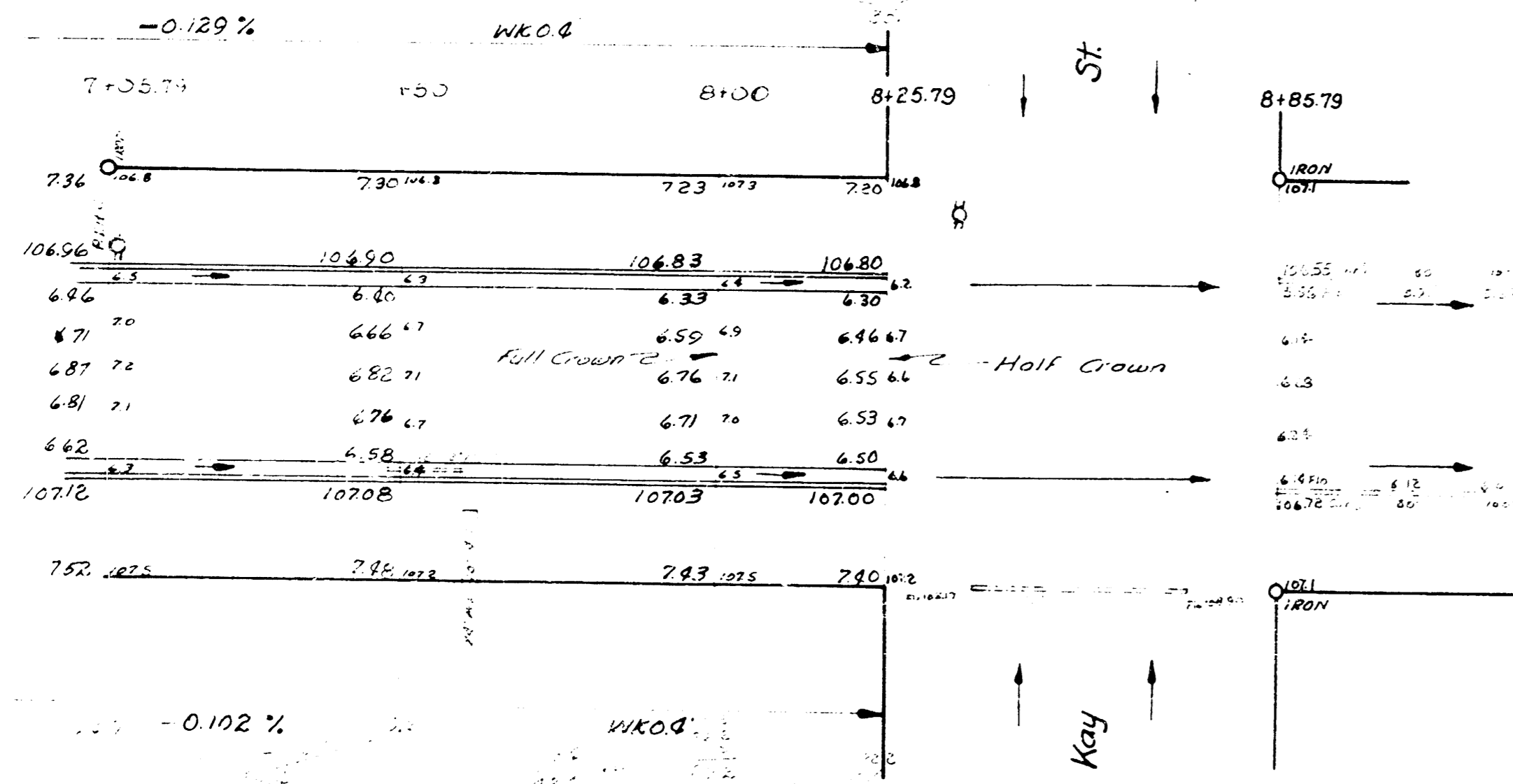


CURVE DATA: Sta. 2+39.21 to Sta. 7+05.79
 $R=224.57'$ $\Delta=119^{\circ}02'30''$ Sta on N.R.

STATION	Deflection Angle	Total Deflection	Chord length B'offset Hcb	Chord length B'offset S cb
2+39.21				
+50	1°22'35"	1°22'35"	10.45	8.24
+75	3°11'21"	4°33'56"	24.20	19.09
+100	3°11'21"	7°45'17"	24.20	19.09
+125	3°11'21"	10°56'38"	24.20	19.09
+150	3°11'21"	14°07'59"	24.20	19.09
+175	3°11'21"	17°19'20"	24.20	19.09
+200	3°11'21"	20°30'41"	24.20	19.09
+225	3°11'21"	23°42'02"	24.20	19.09
+250	3°11'21"	26°53'23"	24.20	19.09
+275	3°11'21"	29°59'44"	24.20	19.09
+300	3°11'21"	33°06'05"	24.20	19.09
+325	3°11'21"	36°12'26"	24.20	19.09
+350	3°11'21"	39°18'47"	24.20	19.09
+375	3°11'21"	42°25'08"	24.20	19.09
+400	3°11'21"	45°31'29"	24.20	19.09
+425	3°11'21"	48°37'50"	24.20	19.09
+450	3°11'21"	51°44'11"	24.20	19.09
+475	3°11'21"	54°50'32"	24.20	19.09
+500	3°11'21"	57°56'53"	24.20	19.09
+525	3°11'21"	61°03'14"	24.20	19.09
+550	3°11'21"	64°09'35"	24.20	19.09
+575	3°11'21"	67°15'56"	24.20	19.09
+600	3°11'21"	70°22'17"	24.20	19.09
+625	3°11'21"	73°28'38"	24.20	19.09
+650	3°11'21"	76°34'59"	24.20	19.09
+675	3°11'21"	79°41'20"	24.20	19.09
+700	3°11'21"	82°47'41"	24.20	19.09
+705.79	3°55'10"	89°31'13"	29.80	23.50

CURVE DATA: Sta. 0+00 to Sta. 1+33.93
 $R=116.73'$ $\Delta=65^{\circ}44'30''$ Sta on N.R.

STATION	Deflection Angle	Total Deflection	Chord length B'offset Hcb	Chord length B'offset S cb
0+00				
+25	6°08'08"	6°08'08"	26.45	36.28
+50	6°08'08"	12°16'16"	26.45	36.28
+75	6°08'08"	18°24'24"	26.45	36.28
+100	6°08'08"	24°32'32"	26.45	36.28
+125	6°08'08"	30°40'40"	26.45	36.28
+133.93	2°11'30"	32°52'10"	9.97	12.98



LIST OF QUANTITIES

2326	Sq. Yds.	Asphalt Concrete Surf
29	Sq. Yds.	Concrete Surf
124	Sq. Ft.	Valley Gravel
1896	Lin. Ft.	6" Sand 24" Gravel
6000	Yds.	6" Sand
500	Cu. Yds.	Excavation
67	Sq. Yds.	Compacted Soil
12	Lin. Ft.	1" Pipe Drains

NOTE: All driveway work is additional - none figured in estimate.

CATHERINE AVENUE
 EL Sheridan to N. R. 26-2-30 A C
 CITY OF WICHITA, KANSAS
 B. E. SMITH CITY ENGINEER
 PRIVATE 108.