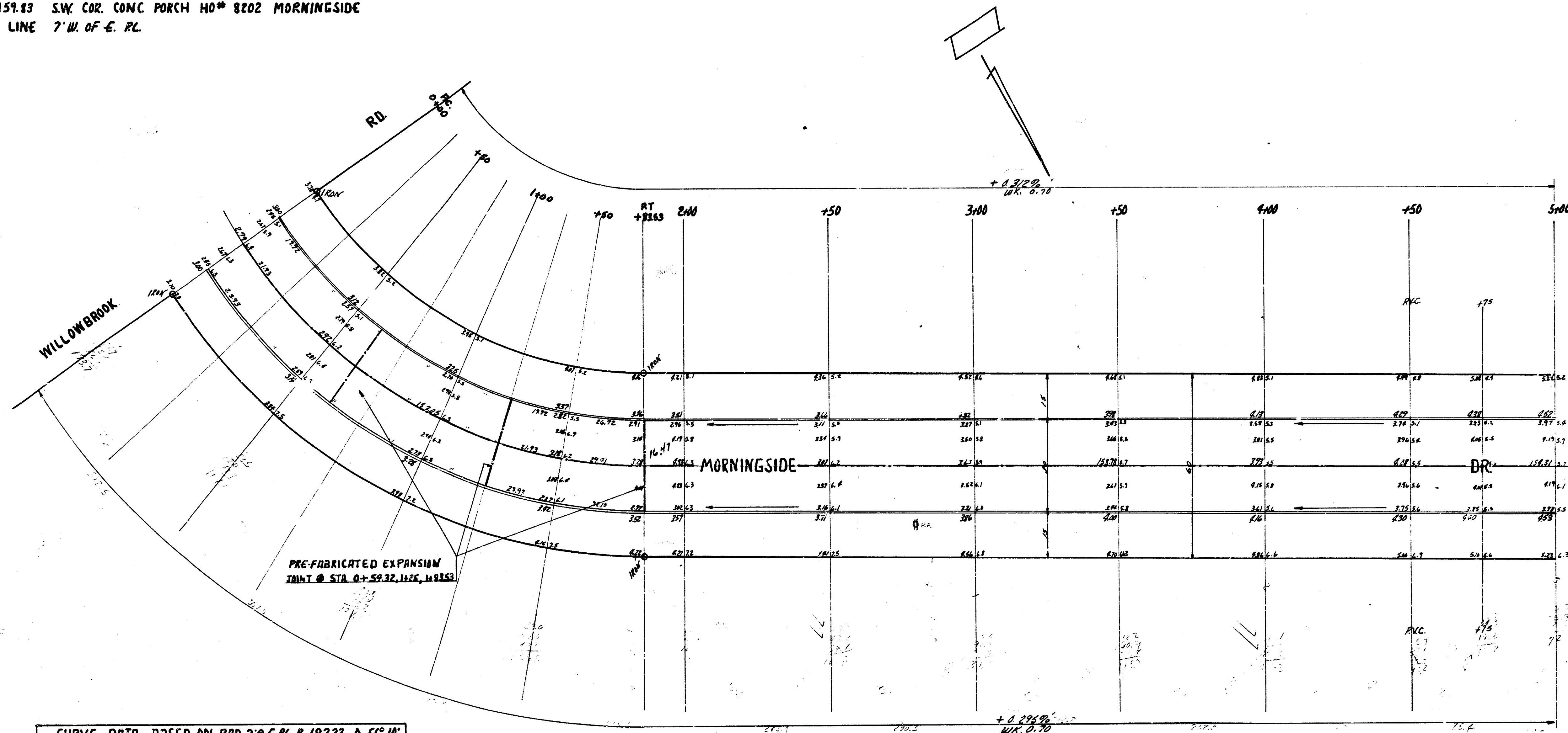


BM 158.27 "M" IN MUELLER EP NW COR. HEATHER & WILLOWBROOK
 BM 159.83 SW COR. CONC PORCH 40' 8202 MORNINGSIDE
 BASE LINE 7' W. OF E. RL

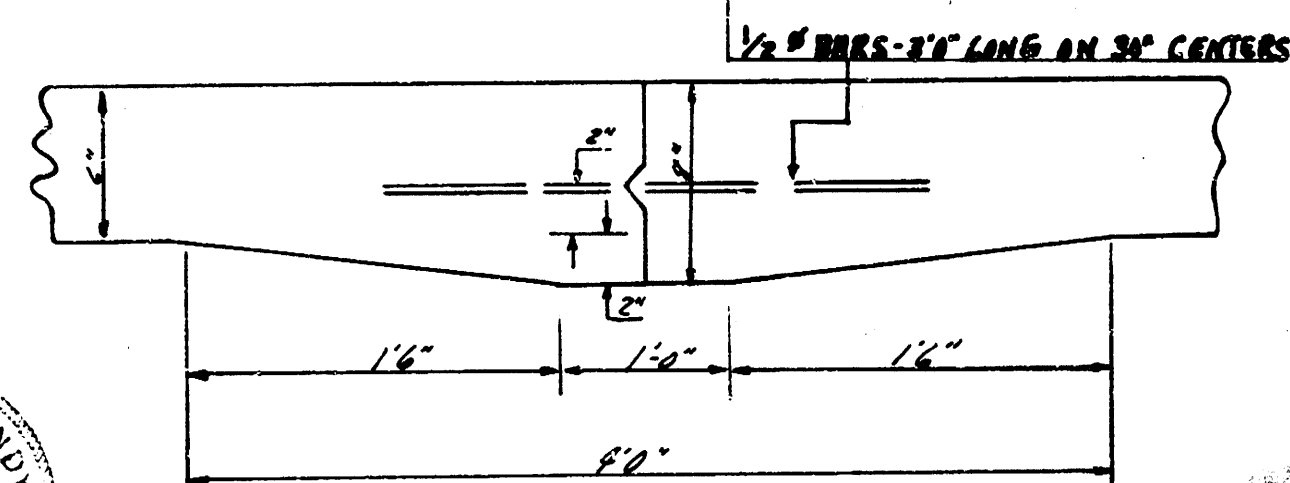


PRE-FABRICATED EXPANSION
 JOINT @ STA 0+59.32, 1126, 1415

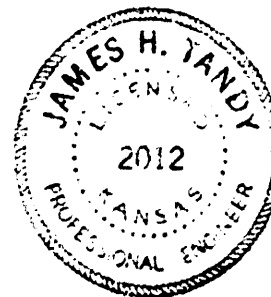
CURVE DATA BASED ON RAD. 70' & R-18722 Δ 56° 10'

STATION	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DEFLECTION	TOTAL DEFLECTION
0+00	—	—	—	0° 00' 00"	0° 00' 00"
+25	25	25.01	18.86	3° 07' 32"	3° 07' 32"
+50	50	50.01	37.72	6° 15' 04"	6° 15' 04"
+75	75	75.01	56.58	9° 22' 36"	9° 22' 36"
+100	100	100.01	75.44	12° 30' 08"	12° 30' 08"
+125	125	125.01	94.30	15° 37' 40"	15° 37' 40"
+150	150	150.01	113.16	18° 45' 12"	18° 45' 12"
+175	175	175.01	132.02	21° 52' 44"	21° 52' 44"
+200	200	200.01	150.88	25° 00' 16"	25° 00' 16"
+225	225	225.01	169.74	28° 07' 48"	28° 07' 48"
+250	250	250.01	188.60	31° 15' 20"	31° 15' 20"
+275	275	275.01	207.46	34° 22' 52"	34° 22' 52"
+300	300	300.01	226.32	37° 30' 24"	37° 30' 24"
+325	325	325.01	245.18	40° 37' 56"	40° 37' 56"
+350	350	350.01	264.04	43° 45' 28"	43° 45' 28"
+375	375	375.01	282.90	46° 53' 00"	46° 53' 00"
+400	400	400.01	301.76	50° 00' 32"	50° 00' 32"
+425	425	425.01	320.62	53° 08' 04"	53° 08' 04"
+450	450	450.01	339.48	56° 15' 36"	56° 15' 36"
+475	475	475.01	358.34	59° 23' 08"	59° 23' 08"
+500	500	500.01	377.20	62° 30' 40"	62° 30' 40"

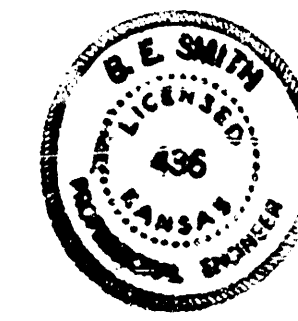
DEFLECTION REF. TO CURVE 91810



DETAIL OF MASTIC KEY JOINT
 NO SCALE



TOTAL PROP. ENCAP.
 899.14
 110% 899.14
 2242.7 LBS.



MORNINGSIDE DR.
 N.W. WILLOWBROOK E.L. HEATHER
 30' CONC. CB.
 CITY OF WICHITA, KANS.
 B.E. SMITH CITY ENGINEER
 DATE MAY 1953, PROJ. NO. C-13-293





MORNINGSIDE DR.
N.E. WILLOWBROOK E.L. HEATHER
C-13-293