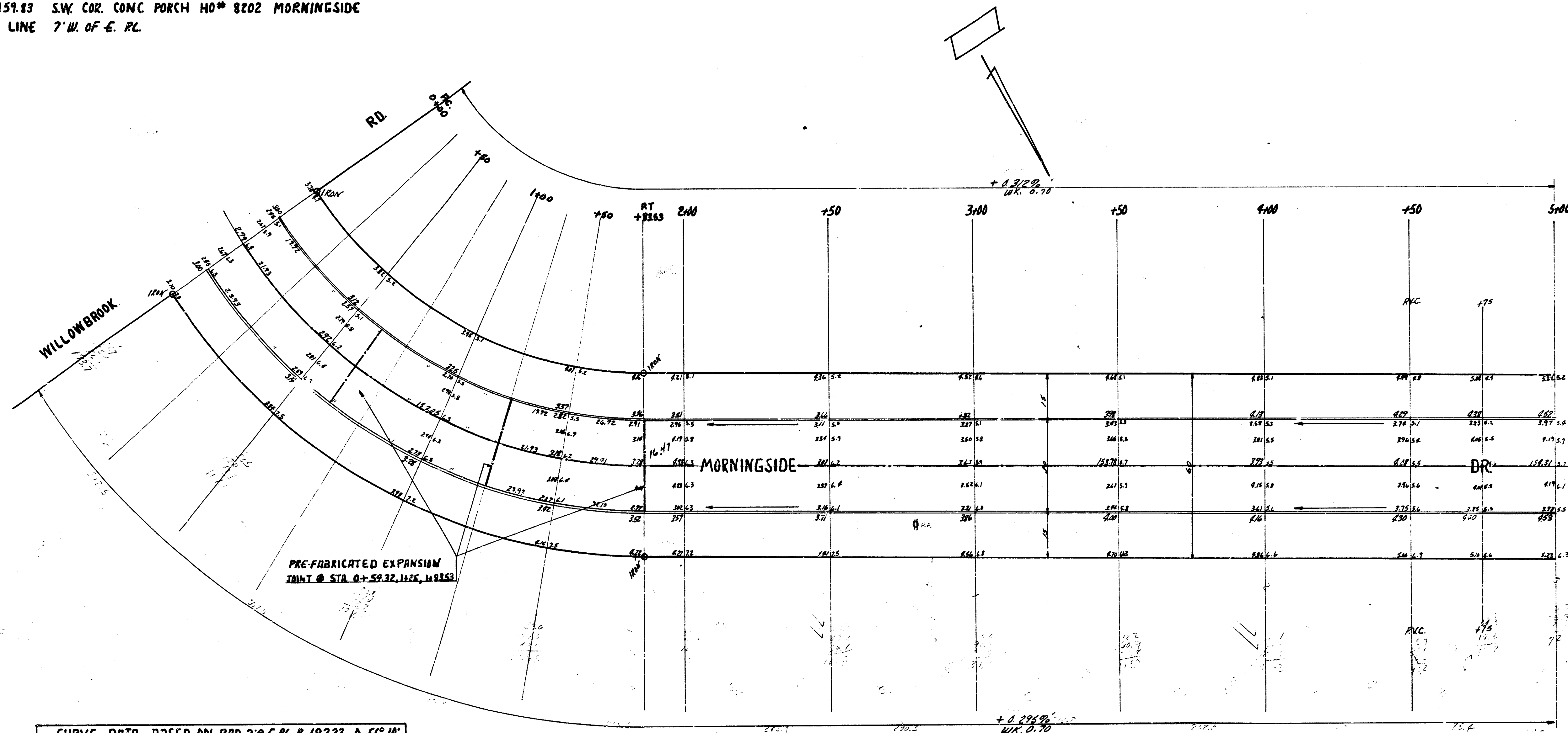
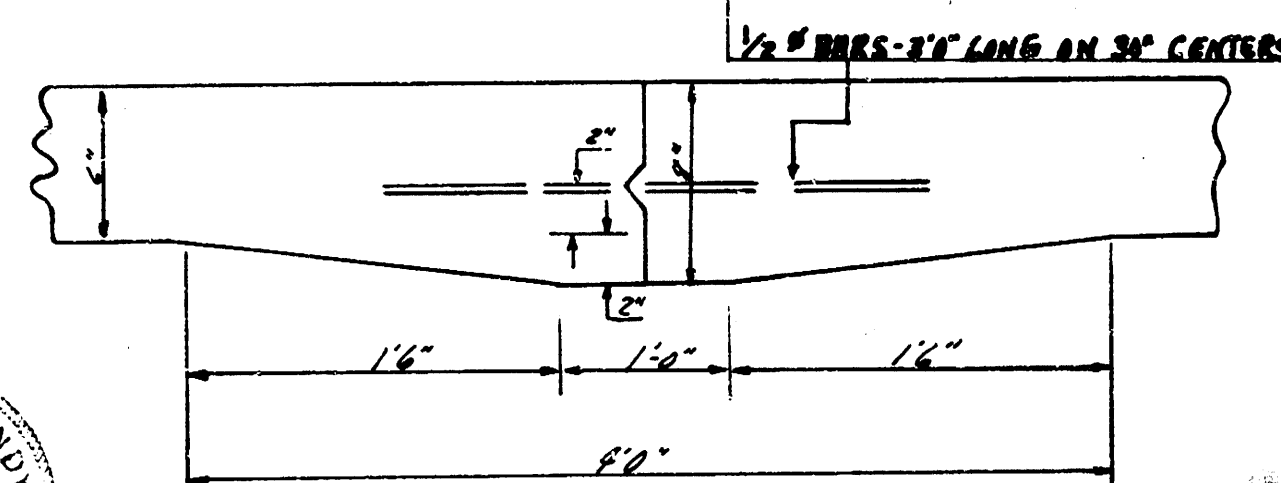


BM 158.27 "M" IN MUELLER EP NW COR. HEATHER & WILLOWBROOK
 BM 159.83 SW COR. CONC PORCH 40' 8202 MORNINGSIDE
 BASE LINE 7' W. OF E. RL

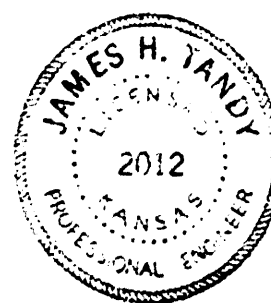


PRE-FABRICATED EXPANSION
 JOINT @ STA 0+59.32, 1126, 1415

CURVE DATA BASED ON RAD. 70° E. 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	50.02	37.72	6° 15' 04"	6° 15' 04"
+75	75	75.03	56.58	9° 22' 36"	9° 22' 36"
+100	100	100.04	75.44	12° 30' 08"	12° 30' 08"
+125	125	125.05	94.30	15° 37' 40"	15° 37' 40"
+150	150	150.06	113.16	18° 45' 12"	18° 45' 12"
+175	175	175.07	132.02	21° 52' 44"	21° 52' 44"
+200	200	200.08	150.88	24° 00' 16"	24° 00' 16"
+225	225	225.09	169.74	27° 07' 48"	27° 07' 48"
+250	250	250.10	188.60	30° 15' 20"	30° 15' 20"
+275	275	275.11	207.46	33° 22' 52"	33° 22' 52"
+300	300	300.12	226.32	36° 30' 24"	36° 30' 24"
+325	325	325.13	245.18	39° 37' 56"	39° 37' 56"
+350	350	350.14	264.04	42° 45' 28"	42° 45' 28"
+375	375	375.15	282.90	45° 53' 00"	45° 53' 00"
+400	400	400.16	301.76	48° 00' 32"	48° 00' 32"
+425	425	425.17	320.62	51° 08' 04"	51° 08' 04"
+450	450	450.18	339.48	54° 15' 36"	54° 15' 36"
+475	475	475.19	358.34	57° 23' 08"	57° 23' 08"
+500	500	500.20	377.20	60° 30' 40"	60° 30' 40"
DEFLECTION REF. TO CURVE 91810					



DETAIL OF MASTIC KEY JOINT
 NO SCALE



TOTAL PROP. ENCAP.
 898.14
 110% 289.4
 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

1/2



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