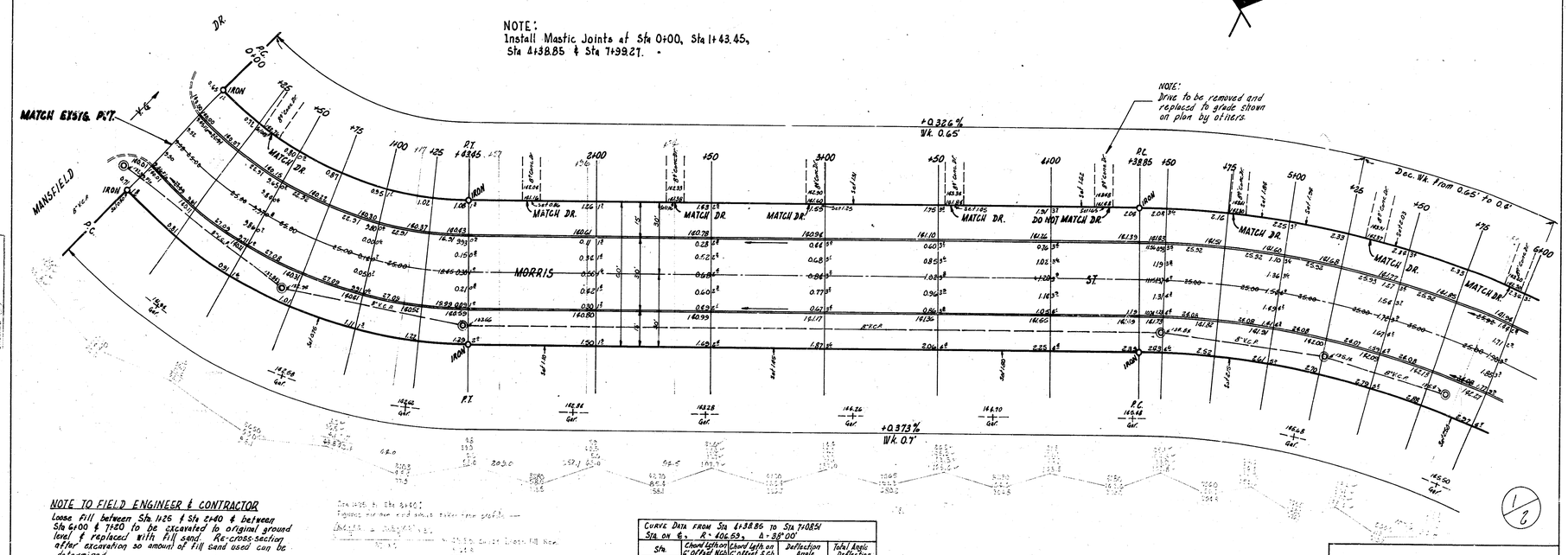
B.M. 146.47 N.W. cor. porch No. #8349 Roselane
B.M. 140.01 "X" S. c.b. Morris E.L. Mansfield
B.M. 144.86 S.W. cor. porch No. #8348 E. Morris

Sta. on ℄

NOTE:
Install Mastic Joints at Sta 0+00, Sta 1+43.45, Sta 4+38.85 & Sta 7+99.27.

NOTE:
Drive to be removed and replaced to grade shown on plan by others.



Survey Mass
Field JEZ
Extended JEZ
Checked

NOTE TO FIELD ENGINEER & CONTRACTOR

Loose Fill between Sta. 1+25 & Sta 2+40 & between Sta 6+00 & 7+20 to be excavated to original ground level & replaced with Fill sand. Re-cross-section after excavation so amount of fill sand used can be determined.

CURVE DATA FROM Sta 0+00 TO Sta 1+43.45
Sta on ℄, R = 173.66', Δ = 45° 45'

Sta	Chord Leth on C'Offset Nch	Chord Leth on C'Offset S.Cb.	Deflection Angle	Total Angle Deflection
0+00				
+25	22.06	22.90	3° 59' 13"	3° 59' 13"
+50	22.06	22.90	3° 58' 12"	7° 58' 24"
+75	22.06	22.90	3° 57' 11"	11° 57' 35"
1+00	22.06	22.90	3° 59' 12"	15° 56' 47"
+25	22.06	22.90	3° 55' 13"	19° 55' 59"
+43.45	16.38	20.60	2° 56' 31"	22° 52' 30"

CURVE DATA FROM Sta 4+38.85 TO Sta 7+08.51
Sta on ℄, R = 406.53, Δ = 38° 00'

Sta	Chord Leth on C'Offset Nch	Chord Leth on C'Offset S.Cb.	Deflection Angle	Total Angle Deflection
4+38.85				
+50	11.72	10.67	0° 47' 08"	0° 47' 08"
+75	26.29	23.71	1° 45' 41"	2° 32' 49"
5+00	26.29	23.70	1° 45' 42"	4° 18' 31"
+25	26.29	23.71	1° 46' 41"	6° 05' 12"
+50	26.28	23.70	1° 45' 41"	7° 49' 53"
+75	26.29	23.71	1° 45' 42"	9° 35' 35"
6+00	26.29	23.70	1° 45' 41"	11° 21' 16"
+25	26.29	23.71	1° 45' 41"	13° 06' 57"
+50	26.29	23.70	1° 45' 42"	14° 52' 39"
+75	26.28	23.71	1° 45' 41"	16° 38' 20"
7+08.51	26.22	23.71	2° 21' 40"	19° 00' 00"

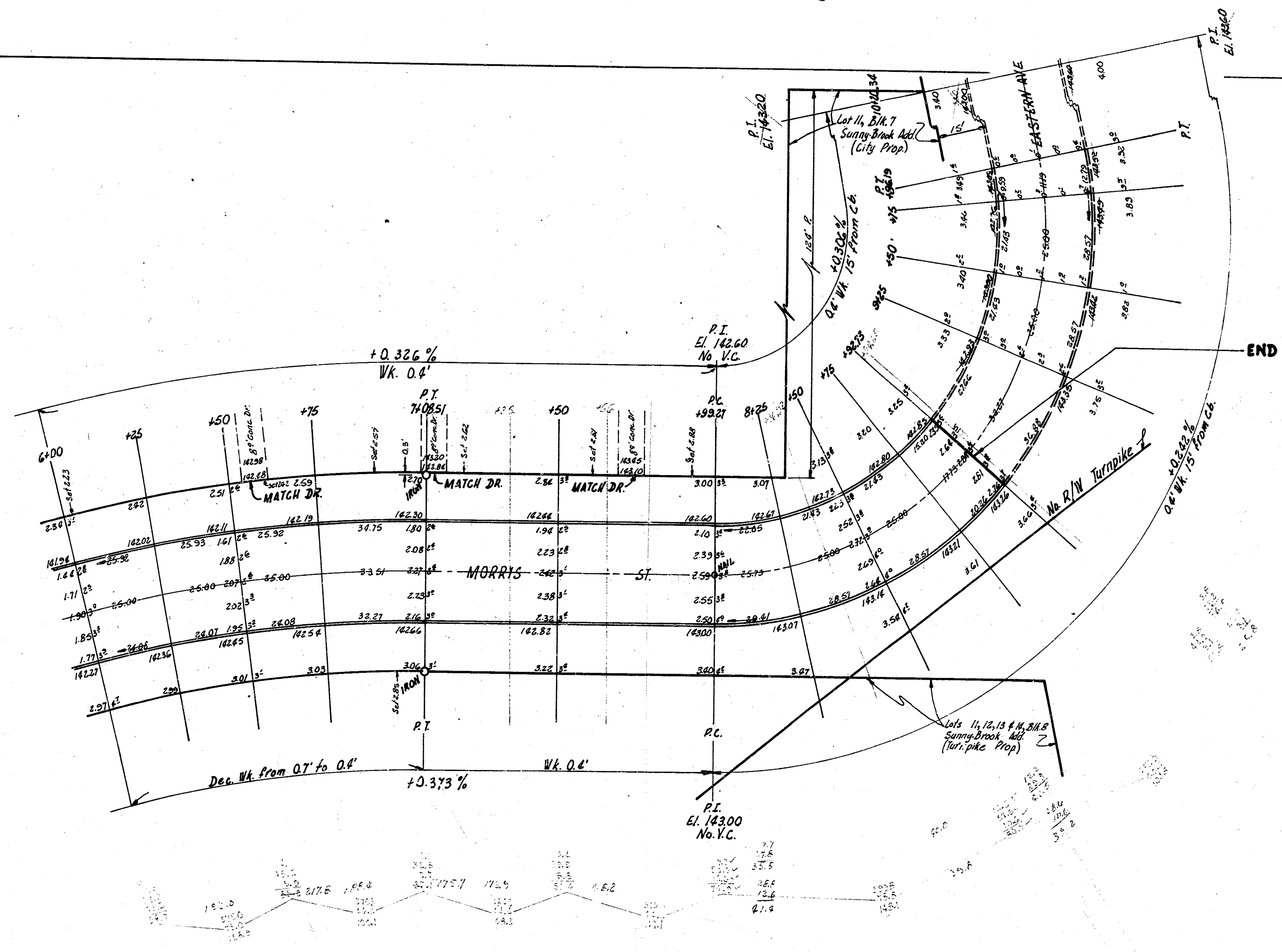
TOTAL PROP. FILL
1845
CY
592.0 Tons Sand Fill

TOTAL EXCAVATION
700.0
CY

B.E. SMITH
LICENSED
KANSAS
PROFESSIONAL ENGR.
436

1/6

MORRIS ST.
E.L. MANSFIELD - W.L. EASTERN
30' CONC. & C.B.
CITY OF WICHITA, KANS.
B.E. SMITH CITY ENGINEER
Oct. 1955 PROJ. NO. C14-384



CURVE DATA FROM STA 7+99.27 TO STA 9+86.19 STA ON ℄, R = 105', Δ = 102°00'				
Sta.	Chord Lgth. on 6' Offset N. Cb.	Chord Lgth. on 6' Offset S. Cb.	Deflection Angle	Total Angle Deflection
7+99.27				
8+25	20.48	30.73	7°01'12"	7°01'12"
+50	19.95	29.93	6°49'16"	13°50'28"
+75	19.95	29.93	6°49'16"	20°39'44"
+92.73	14.17	21.25	4°50'16"	25°30'00"
9+25	25.72	38.57	8°48'17"	34°18'17"
+50	19.95	29.93	6°49'16"	41°07'33"
+75	19.95	29.93	6°49'16"	47°56'49"
+86.19	8.95	13.42	3°03'11"	51°00'00"

2/2

MORRIS ST.
PROJ. NO. C14-384