

BM #2 "□" on Top of Curb Located
at 14.5' East of the Southeast
Corner of Lot 3, Block B, Lark
2nd Addition.
Elevation = 143.10 (City Datum)

Scale: 1" = 20'

CURVE #11				
Curve Data Based on Face				
Rad. = 800' Delta = 45°2'16" Tangent = 34.03'				
Arc = 68.01' L.C. = 67.99' Def/Ft. = 2.14870 Min.				
FACE CHORD LENGTHS				
Station	Arc	B Lt.	Defl.	T. Defl.
A	—	—	0°00'00"	0°00'00"
B	22.67'	22.90'	0°48'43"	0°48'43"
C	22.67'	22.90'	0°48'43"	1°37'25"
0+86.87	22.67'	22.90'	0°48'43"	2°26'08"

CURVE #1R

Curve Data Based on Face

<i>Rad. = 230'</i>	<i>Delta = 90° 38'</i>	<i>Tangent = 18.39'</i>
<i>Arc = 36.71'</i>	<i>Def/Trc. = 7.47253 Min.</i>	

FACE CHORD LENGTHS				
Station	Arc	B Rt.	Def.	T. Def.
0+00.00			0°00'00"	0°00'00"
P	18.36'	17.72'	2°17'12"	2°17'12"
E	18.35'	17.71'	2°17'02"	4°34'19"

PAWNEE MESA
3RD ADDITION

Remove Trees Only as Necessary for Construction. Cost of Tree Removal to be Subsidiary to Lump Sum Bid Item "R/W Clearing and Site Restoration."

Saw Cut & Remove Existing Asphalt Pavement, Curb & Gutter as Indicated. Removal Shall be Included in "R/W Clearing and Site Restoration."

Remove End of Road
Markers (Red). Cost to
be Subsidiary to "R/W
Clrg. & Site Restoration."

CURVE #2R					BM #1	M
Curve Data Based on Centerline						
Rad. = 800' Delta = 15° 14' 38" Tangent = 107.05'						
Arc = 212.84' L.C. = 212.22' Def/Ft. = 2.14864 Min.						
Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.	
E	-	B Rt.		0'00"00"	0'00"00"	
0+62.13 (IRON)	26.70 (Back)	27.53'		0'57"22"	0'57"22"	
0+75.00	12.87'	13.27'		0'27"39"	1'25"01"	
1+00.00	25.00'	25.78'		0'53"43"	2'18"44"	
1+25.00	25.00'	25.78'		0'53"43"	3'12"27"	
1+50.00	25.00'	25.78'		0'53"43"	4'06"10"	
1+75.00	25.00'	25.78'		0'53"43"	4'59"53"	
2+00.00	25.00'	25.78'		0'53"43"	5'53"36"	
2+11.94	11.94'	12.31'		0'25"39"	6'19"15"	
2+25.00	13.06'	13.47'		0'28"04"	6'47"19"	
2+48.27	23.27'	24.00'		0'50"00"	7'37"19"	

CURVE #2L				
Curve Data Based on Centerline				
Rad. = 800' Delta = 11° 33' 34" Tangent = 80.97'				
Arc = 161.40' L.C. = 161.13' Def/Ft. = 2.14860 Min.				
FACE CHORD LENGTHS				
Station	Arc	8 Lt.	Defl.	T. Defl.
0+86.87	—	—	0°00'00"	0°00'00"
1+00.00	13.13'	12.71'	0°28'12"	—
1+25.00	25.00'	24.22'	0°53.43"	1°21.55"
1+50.00	25.00'	24.22'	0°53.43"	2°15.38"
1+75.00	25.00'	24.22'	0°53.43"	3°09.21"
2+00.00	25.00'	24.22'	0°53.43"	4°03.04"
2+11.94	11.94'	11.56'	0°25.39"	4°28.43"
2+25.00	13.06'	12.65'	0°28.04"	4°56.47"
2+48.27	23.27'	22.54'	0°50.00"	5°46.47"

CURVE #3

Curve Data Based on Centerline

Rad. = 1500'

Delta = 61°24'44"

Tangent = 81.40'

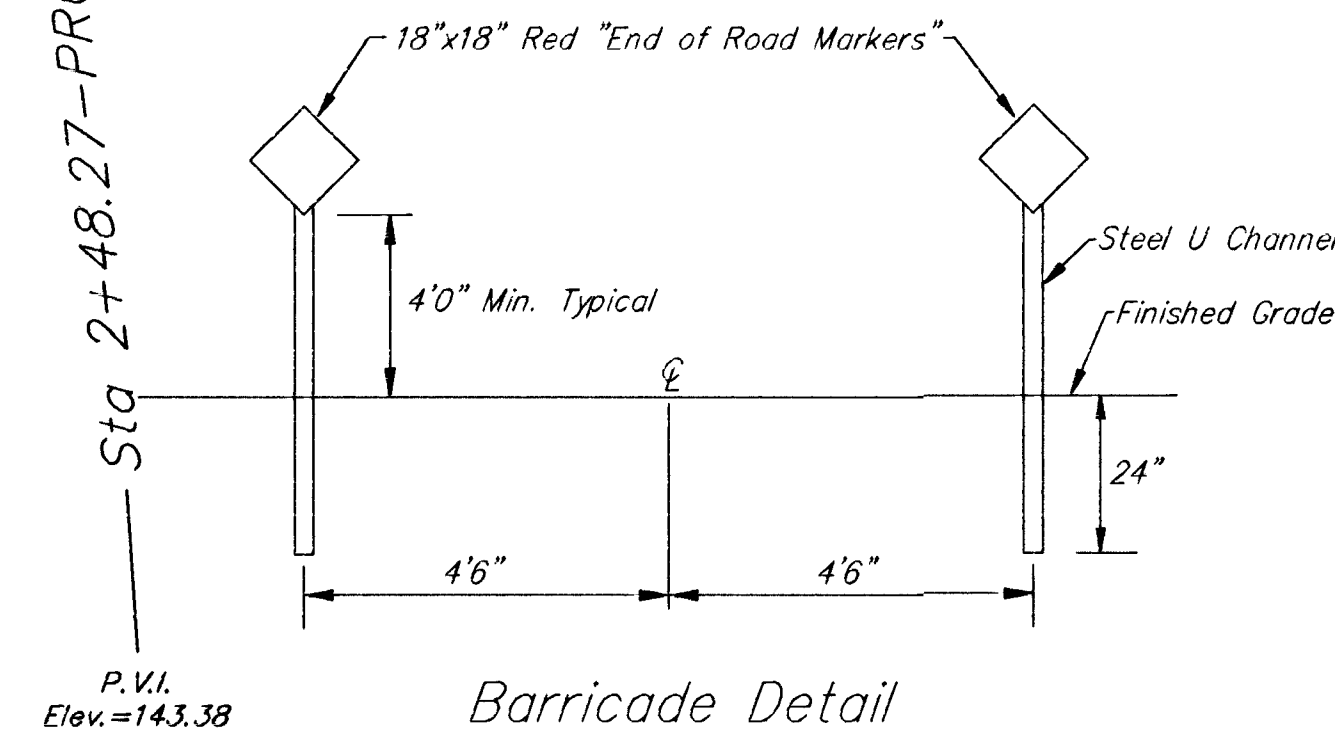
Arc = 162.63'

L.C. = 162.56'

Def/Ft. = 1.14596 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		Ø Lt.	Ø Rt.		
2+48.27				0°00'00"	0°00'00"
2+50.00	1.73'	1.76'	1.70'	0°01'59"	0°01'59"
2+75.00	25.00'	25.42'	24.58'	0°28'39"	0°30'38"
3+00.00	25.00'	25.42'	24.58'	0°28'39"	0°59'17"
3+25.00	25.00'	25.42'	24.58'	0°28'39"	1°27'55"
3+50.00	25.00'	25.42'	24.58'	0°28'39"	1°56'34"
3+75.00	25.00'	25.42'	24.58'	0°28'39"	2°25'13"
4+00.00	25.00'	25.42'	24.58'	0°28'39"	2°53'52"
4+05.93	5.93'	6.03'	5.84'	0°06'48"	3°00'40"
4+10.90	4.92'			0°05'42"	3°06'22"

PROJECT EARTHWORK TOTALS		
Excavation	2998.6	C.Y.
Loose Fill	2505.1	C.Y.
Compacted Fill	1776.5	C.Y.
Total Project Length	2736.4	L.F.



NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

LARK 3RD ADDITION				
SHEFFORD				
Sta 0+00 to Sta 4+05.93				
 BAUGHMAN COMPANY P. A. ENGINEERING, SURVEYING, & PLANNING				
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER				
472-78-245-82728-000-000-001				
DESIGN <i>BP</i>	DRAWN <i>IMG</i>	APPROVED	DATE <i>7-96</i>	SCALE <i>1" = 20'</i>
				SHEET 6 OF 21

CLARK3	STR1	96-04-E315
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