

BM #1 "□" on Top of Curb Located at the East Side of Shefford 12.5' South of the North Line of Pawnee Mesa Addition. Elevation = 143.56 (City Datum)

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'
● = Iron

CURVE #1L
Curve Data Based on Face
Rad. = 800' Delta = 452° 16' Tangent = 34.03'
Arc = 68.01' L.C. = 67.99' Def/Ft. = 2.14870 Min.

Station	Arc	FACE CHORD LENGTHS 8 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
Rad. = 230' Delta = 908° 38' Tangent = 18.39'
Arc = 36.71' L.C. = 36.67' Def/Ft. = 7.47253 Min.

Station	Arc	FACE CHORD LENGTHS 8 Rt.	Defl.	T. Defl.
0+00.00	—	—	0°00'00"	0°00'00"
D	18.36'	17.72'	2°17'12"	2°17'12"
E	18.35'	17.71'	2°17'07"	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 Crg. & Site Restoration."

CURVE #2R
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.

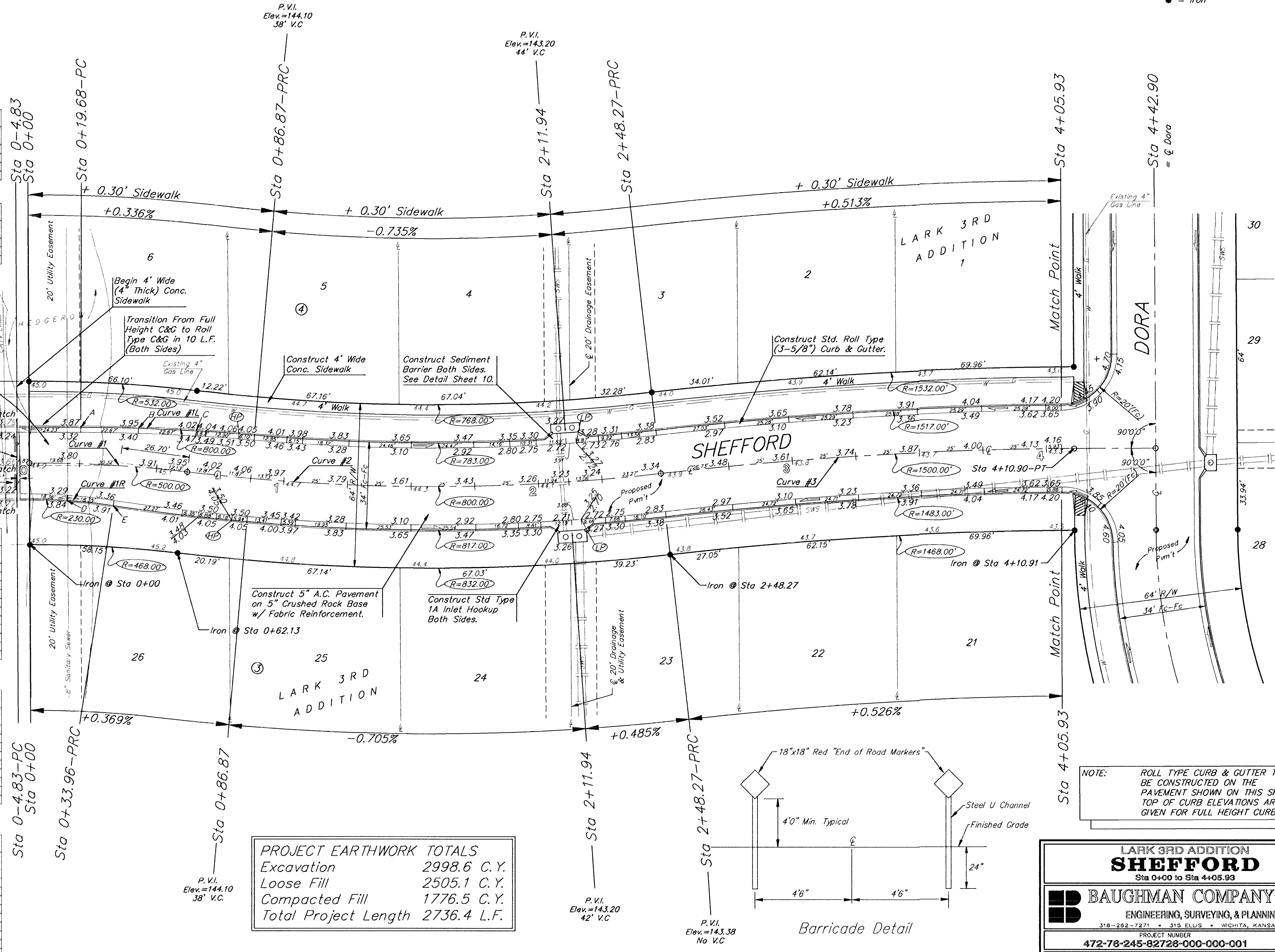
Station	Arc	FACE CHORD LENGTHS 8 Rt.	Defl.	T. Defl.
E	—	—	0°00'00"	0°00'00"
0+62.13(IRON)	26.70(Back)	27.53'	0°57'22"	0°57'22"
0+75.00	12.87'	13.27'	0°27'39"	1°25'01"
1+00.00	25.00'	25.78'	0°53'43"	2°18'44"
1+25.00	25.00'	25.78'	0°53'43"	3°12'27"
1+50.00	25.00'	25.78'	0°53'43"	4°06'10"
1+75.00	25.00'	25.78'	0°53'43"	4°59'53"
2+00.00	25.00'	25.78'	0°53'43"	5°53'36"
2+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. = 1.14596 Min.

Station	Arc	FACE CHORD LENGTHS 8 Lt.	Defl.	T. Defl.
0+86.87	—	—	0°00'00"	0°00'00"
1+00.00	13.13'	12.71'	0°28'12"	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+25.00	11.94'	11.56'	0°25'39"	4°28'43"
2+48.27	13.06'	12.65'	0°28'04"	4°56'47"

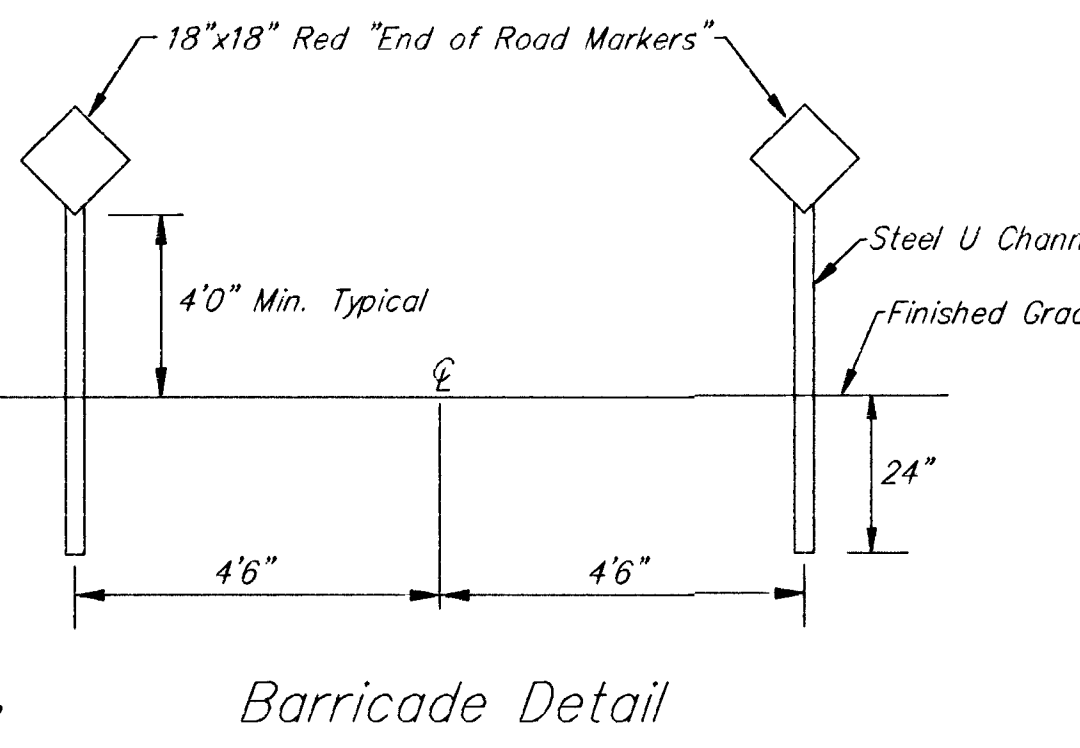
CURVE #3
Curve Data Based on Centerline
Rad. = 1500' Delta = 6° 12' 44" Tangent = 81.40'
Arc = 162.63' L.C. = 162.56' Def/Ft. = 1.14596 Min.

Station	Arc	FACE CHORD LENGTHS 8 Lt.	Defl.	T. Defl.
2+48.27	—	—	0°00'00"	0°00'00"
2+50.00	1.73'	1.76'	0°01'59"	0°01'59"
2+75.00	25.00'	25.42'	0°28'39"	0°30'38"
3+00.00	25.00'	25.42'	0°28'39"	0°59'17"
3+25.00	25.00'	25.42'	0°28'39"	1°27'55"
3+50.00	25.00'	25.42'	0°28'39"	1°56'34"
3+75.00	25.00'	25.42'	0°28'39"	2°25'13"
4+00.00	25.00'	25.42'	0°28'39"	2°53'52"
4+05.93	5.93'	6.03'	0°06'48"	3°00'40"
4+10.90	4.97'	—	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
316-282-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-78-245-82728-000-000-001

DESIGN BP	DRAWN TMG	APPROVED	DATE 7-96	SCALE 1" = 20'	SHEET 6 OF 21
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