BENCHMARKS:

BM #1: 80d Spike in West face of North High Line Pole in East R/W Tyler Road 1/2 mile of South of 37th Street North. Elev. = 176.05 City Datum (1363.45 NGVD)

BM #2: "□" Cut Top of Curb on West side of Pepper Ridge 15'± South of Northeast Corner Lot 23, Block 5, Forest Lakes West Addition. Elev. = 157.12 City Datum (1344.52 NGVD)

TYLER'S LANDING ADDITION

Scale: 1" = 20' Horizontal
• = Iron

Curve #1
Curve Data Based on Face of Curb
Rad. = 384.40' Delta = 21° 15' 46" Tangent = 72.16'
Arc = 142.66' L.C. = 141.84' Def/Ft. = 4.47135 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	Defl.	T. Defl.
A	–	–	0°00'00"	0°00'00"
B	20.38'	19.95'	1°31'07"	1°31'07"
C	20.38'	19.95'	1°31'08"	3°02'15"
D	20.38'	19.95'	1°31'07"	4°33'23"
E	20.38'	19.95'	1°31'07"	6°04'30"
F	20.38'	19.95'	1°31'08"	7°35'38"
G	20.38'	19.95'	1°31'07"	9°06'45"
H	20.38'	19.95'	1°31'08"	10°37'53"

Curve #2
Curve Data Based on Face of Curb
Rad. = 417' Delta = 19° 27' 52" Tangent = 71.52'
Arc = 141.66' L.C. = 140.98' Def/Ft. = 4.12208 Min.

Station	Arc	FACE CHORD LENGTHS 8' Rt.	Defl.	T. Defl.
I	–	16.04'	0°00'00"	0°00'00"
J	15.74'	16.04'	1°04'53"	1°04'53"
K	15.74'	16.04'	1°04'53"	2°09'46"
L	15.74'	16.04'	1°04'53"	3°14'39"
M	15.74'	16.04'	1°04'53"	4°19'32"
N	15.74'	16.04'	1°04'52"	5°24'24"
O	15.74'	16.04'	1°04'53"	6°29'17"
P	15.74'	16.04'	1°04'53"	7°34'10"
Q	15.74'	16.04'	1°04'53"	8°39'03"
R	15.74'	16.04'	1°04'53"	9°43'56"

Curve #3
Curve Data Based on Centerline
Rad. = 400' Delta = 31° 33' 32" Tangent = 113.03'
Arc = 220.32' L.C. = 217.55' Def/Ft. = 4.29723 Min.

Station	Arc	CHORD 8' Lt.	8' Rt.	Defl.	T. Defl.
2+43.02	–	–	–	0°00'00"	0°00'00"
2+50.00	6.97'	7.41'	6.53'	0°29'57"	0°29'57"
2+75.00	25.00'	26.56'	23.43'	1°47'26"	2°17'23"
3+00.00	25.00'	26.56'	23.43'	1°47'26"	4°04'49"
3+25.00	25.00'	26.56'	23.43'	1°47'26"	5°52'15"
3+28.62	3.62'	3.84'	3.39'	0°15'33"	6°07'48"
3+50.00	21.38'	26.56'	23.43'	1°31'52"	7°39'40"
3+75.00	25.00'	26.56'	23.43'	1°47'26"	9°27'06"
4+00.00	25.00'	26.56'	23.43'	1°47'26"	11°14'32"
4+25.00	25.00'	26.56'	23.43'	1°47'26"	13°01'58"
4+50.00	25.00'	26.56'	23.43'	1°47'26"	14°49'23"
4+63.34	13.34'	14.19'	12.52'	0°57'23"	15°46'46"

Roll-type curb & gutter to be constructed on the pavement on this sheet. Top of curb elevations are given for full-height curb.

TYLER' LANDING ADDITION
PEPPER RIDGE
STA. 0+00 TO STA. 5+11.43

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
472-83892	6 OF 24

DESIGN	DRAWN	APPROVED	DATE	SCALE
NBW	GNX		6/4/03	NOTED

Tylerlanding\Ph2\Str103-03-E540