

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

P.V.I.
Elev. = 154.81
No V.C.

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	20.38'	19.95'	1'31'07"	0'00'00"	0'00'00"
B	20.38'	19.95'	1'31'07"	1'31'07"	1'31'07"
C	20.38'	19.95'	1'31'07"	3'02'15"	3'02'15"
D	20.38'	19.95'	1'31'07"	4'33'23"	4'33'23"
E	20.38'	19.95'	1'31'07"	6'04'30"	6'04'30"
F	20.38'	19.95'	1'31'07"	7'35'38"	7'35'38"
G	20.38'	19.95'	1'31'07"	9'06'45"	9'06'45"
H	20.38'	19.95'	1'31'07"	10'37'53"	10'37'53"

Sta. 2+98.00, 28' Rt.
Install Std. D3 (SNS)
Ass'y Per City Specs.
"Pepper Ridge" &
"Lang."
(See detail, sheet 3)

Const. 7" Reinforced Concrete
Valley Gutter Pvm't on 5" Rein. Rock
Base w/monolithic Edge Curb (3-5/8").
(See detail sheet 5)

Scale: 1" = 20' Horizontal
• = Iron

Const. Std. Wheelchair
Ramps. (Both sides).
(See detail, sheet 5).

Sta. 0+00, Begin
construction of 4' Wide
Concrete Sidewalk.

Sta. 0+00, Begin
construction of 5"
A.C. Pvm't w/5"
Reinforced Rock Base.

Saw, cut, remove &
replace 2' existing
surface course as
indicated. Cost shall
be included in "Site
Clearing and
Restoration."

Sta. 0+08.00, Remove
Existing End-of-Road
signs and relocate to
Sta. 19+98.35, sheet 9.
Cost to be incidental to
"Site Clearing & Restoration".

Trans from 28.15' Existing
Pvm't. width to 34' Proposed
Pvm't. width through curve.

Valve Box
Elev. = 157.44

Ex. EOR Signs

Const. 5" A.C.
Pavement w/5"
Rein. Rock Base.

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' Lt.	Defl.	T. Defl.
I	15.74'	16.04'	1'04'53"	0'00'00"	0'00'00"
J	15.74'	16.04'	1'04'53"	1'04'53"	1'04'53"
K	15.74'	16.04'	1'04'53"	2'09'46"	2'09'46"
L	15.74'	16.04'	1'04'53"	3'14'39"	3'14'39"
M	15.74'	16.04'	1'04'53"	4'19'32"	4'19'32"
N	15.74'	16.04'	1'04'53"	5'24'24"	5'24'24"
O	15.74'	16.04'	1'04'53"	6'29'17"	6'29'17"
P	15.74'	16.04'	1'04'53"	7'34'10"	7'34'10"
Q	15.74'	16.04'	1'04'53"	8'39'03"	8'39'03"
R	15.74'	16.04'	1'04'53"	9'43'56"	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	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+43.02	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"

Const. 7" Reinforced Concrete
Valley Gutter Pvm't on 6" Rein. Rock
Base w/monolithic Edge Curb (6-5/8").
(See detail sheet 5)

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

TYLER'S LANDING ADDITION
PEPPER RIDGE
STA. 0+00 TO STA. 6+11.43

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-282-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-83892
DESIGN NBW DRAWN GMY APPROVED DATE 6/4/03 SCALE NOTED SHEET **6** OF **24**