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)

Curve #2
Curve Data Based on Centerline
Rad. = 400' Delta = 23° 25' 32" Tangent = 82.93'
Arc = 163.54' L.C. = 162.40' Def/Ft. = 4.29722 Min.

Station	Arc	CHORD 8' Lt.	CHORD 8' Rt.	Defl.	T. Defl.
1+58.80	–	–	–	0°00'00"	0°00'00"
1+75.00	16.20'	17.21'	15.19'	1°09'37"	1°09'37"
2+00.00	25.00'	26.56'	23.43'	1°47'26"	2°56'03"
2+25.00	25.00'	26.56'	23.43'	1°47'26"	4°44'29"
2+50.00	25.00'	26.56'	23.43'	1°47'25"	6°31'54"
2+75.00	25.00'	26.56'	23.43'	1°47'26"	8°19'20"
2+78.90	3.90'	4.15'	3.66'	0°16'46"	8°36'06"
3+00.00	21.10'	22.42'	19.78'	1°30'40"	10°06'46"
3+22.34	22.34'	23.73'	20.94'	1°36'00"	11°42'46"

Curve #3
Curve Data Based on Centerline
Rad. = 300' Delta = 31° 55' 26" Tangent = 85.81'
Arc = 167.15' L.C. = 165.00' Def/Ft. = 5.72968 Min.

Station	Arc	CHORD 8' Lt.	CHORD 8' Rt.	Defl.	T. Defl.
3+22.34	–	–	–	0°00'00"	0°00'00"
3+25.00	2.66'	2.44'	2.88'	0°15'14"	0°15'14"
3+50.00	25.00'	22.91'	27.08'	2°23'15"	2°38'29"
3+75.00	25.00'	22.91'	27.08'	2°23'15"	5°01'44"
4+00.00	25.00'	22.91'	27.08'	2°23'14"	7°24'58"
4+25.00	25.00'	22.91'	27.08'	2°23'15"	9°48'13"
4+50.00	25.00'	22.91'	27.08'	2°23'14"	12°11'27"
4+75.00	25.00'	22.91'	27.08'	2°23'14"	14°34'41"
4+89.49	14.49'	13.28'	15.70'	1°23'02"	15°57'43"

Scale: 1" = 20' Horizontal
1" = 5' Vertical
• = Iron

Sta. 5+82.00, 25' Rt. Install Metro D3 (SNS) Ass'y Per City Specs. "34th St. " & "Valerie Cir. 3404–3420" (See detail, sheet 4)

P.V.I. Elev. = 161.24 NO V.C.

P.V.I. Elev. = 165.70 60.24' V.C.

P.V.I. Elev. = 163.30 30' V.C.

P.V.I. Elev. = 165.70 55.34' V.C.

TYLER'S LANDING ADDITION

Sta. 0+00 = ℄ Brookview

Sta. 0+47.00

Sta. 1+08.03–PC

Sta. 1+58.80–PRC

Sta. 3+22.34–PRC

Sta. 3+22.34–PRC

Sta. 4+89.49–PCC

Sta. 5+98.27–PCC

+2.359%

+2.631%

+2.556%

-0.542%

-1.440%

-3.011%

-2.879%

+2.354%

+2.783%

-0.504%

-0.927%

Const. 7" Reinforced Concrete Valley Gutter Pvm't on 5" Rein. Rock Base w/monolithic Edge Curb (3–5/8"). (See detail sheet 6)

Valve Box Elev. = 163.55

Match Line

Match Line

34TH ST. NORTH

VALERIE CIR.

Const. Roll–Type Curb & Gutter (3–5/8"). (Both sides)

Const. 4' Wide Concrete Sidewalk.

Proposed 4' Walk

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

Transition from 1/2 crown to full crown in 10'.

Adjust MH from Elev = 165.80 to Elev. = 165.55 All costs associated with MH Adjustment to be included in bid item "MH Adj".

Sta. 5+44.00, 25' Rt. Install Metro D3 (SNS) Ass'y Per City Specs. "Valerie" & "Valerie Cir. 3404–3420" (See detail, sheet 4)

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

Curve #1
Curve Data Based on Centerline
Rad. = 300' Delta = 9° 41' 47" Tangent = 25.45'
Arc = 50.77' L.C. = 50.71' Def/Ft. = 5.72960 Min.

Station	Arc	CHORD 8' Lt.	CHORD 8' Rt.	Defl.	T. Defl.
1+08.03	–	–	–	0°00'00"	0°00'00"
1+25.00	16.97'	15.55'	18.38'	1°37'14"	1°37'14"
1+50.00	25.00'	22.91'	27.08'	2°23'14"	4°00'28"
1+58.80	8.80'	8.07'	9.53'	0°50'26"	4°50'54"

Curve #4
Curve Data Based on Centerline
Rad. = 100' Delta = 62° 19' 35" Tangent = 60.47'
Arc = 108.78' L.C. = 103.50' Def/Ft. = 17.18875 Min.

Station	Arc	CHORD 8' Lt.	CHORD 8' Rt.	Defl.	T. Defl.
4+89.49	–	–	–	0°00'00"	0°00'00"
5+00.00	10.51'	7.88'	13.13'	3°00'39"	3°00'39"
5+25.00	25.00'	18.70'	31.17'	7°09'43"	10°10'22"
5+40.23	15.23'	11.41'	19.02'	4°21'47"	14°32'09"
5+50.00	9.77'	7.32'	12.21'	2°47'56"	17°20'05"
5+65.31	15.31'	11.47'	19.11'	4°23'10"	21°43'15"
5+75.00	9.69'	7.26'	12.11'	2°46'13"	24°29'48"
5+87.83	12.83'	9.62'	16.03'	3°40'32"	28°10'20"
5+98.27	10.44'	7.83'	13.05'	2°59'28"	31°09'48"

TYLER'S LANDING ADDITION
VALERIE
STA. 0+00 TO STA. 5+98.27

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

PROJECT NUMBER 472-83691

SHEET 8 OF 33

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

05-11-7469

TylerValerieStr2