BENCHMARKS:
BM #1: Small RR spike in west face of PP, east side of 135th St. W., east of SE corner of Lot 1, Block A, Shadow Woods Addition. Elev. = 159.37 (City Datum)

BM #2: C.O.W. disc at west end of NW return adjacent to fire hydrant at Cavit & Decker, adjacent to SE corner of Lot 24, Block A, Shadow Woods Addition Elev. = 187.31 (City Datum)

BM #3: C.O.W. disc at west end of SW return adjacent to fire hydrant at Cavit & Burton, adjacent to E corner of Lot 24, Block C, Shadow Woods Addition Elev. = 193.19 (City Datum)

Curve #1
Curve Data Based on Centerline
Rad. = 100' Delta = 28° 54' 20" Tangent = 25.77'
Arc = 50.45' L.C. = 49.92' Def/Ft. =17.18864 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+56.79	–	–	–	0°00'00"	0°00'00"
0+75.00	18.21'	13.64'	22.73'	5°13'00"	5°13'00"
1+00.00	25.00'	18.70'	31.17'	7°09'43"	12°22'43"
1+07.24	7.24'	5.43'	9.05'	2°04'27"	14°27'10"

Scale: 1" = 20'
• = Iron

Sta 0+00 = ℄ Decker Cir.
Sta 0+33.73
Sta 0+56.79–PC
Sta 1+07.24–PT
Sta 1+50.00
Sta 2+75.00
Sta 3+17.08
Sta 3+51.08 = ℄ Texas Ct.
Sta 3+86.30
P.V.I. Elev. = 182.70 No V.C.
P.V.I. Elev. = 180.35 No V.C.
P.V.I. Elev. = 178.25 No V.C.
P.V.I. Elev. = 172.90 84.16' V.C.
-4.986%
-5.504%
-4.911%
-4.280%
-1.663%
-0.693%
-3.904%
-0.717%
-0.579%
DECKER CIR.
℄ DECKER
TEXAS CT.
℄ TEXAS
SHADOW WOODS ADDITION
TEXAS
Match Line
Transition from 1/2 crown to full crown in 22.06'
Adjust Manhole Top From Elev. = 177.40 To Elev. = 176.40
Construct std. type 1A inlet hookups & inlet sediment barrier. (See detail, sheet 25)
Valve Box Elev. = 172.40
Sta 3+75.00, 35' Lt. Install std. D3 (SNS) ass'y as per City specs. "Texas" & Metro SNS "Texas Ct (13802–13826)".
Construct std. type A wheel chair ramp with detectable warning (both sides) (See detail, sheet 5)
Construct 7" reinforced concrete valley gutter pavement with monolithic curb (3–5/8")
Sta 0+33.73, 17.25' Rt. Install subdivision benchmark (Flat survey marker No. 8134–08 3" top diameter) in top of curb. Cost shall be incidental to L.F. curb & gutter.
Construct 5" A.C. pavement W/ 5" reinf. rock base.
Construct std. comb. roll type curb & gutter (3–5/8")
Valve Box Elev. = 172.30
Valve Box Elev. = 184.40
Valve Box Elev. = 184.40
Curve #1
Proposed Pvm't
Iron @ Bl. Sta 0+29.59
Prop. 4" Walk
Prop. 2" SWS
34' Fc–Fc 64' R/W
28' Fc–Fc 58' R/W
Ex. 8" W
Ex. 8" SS
Ex. 24" SWS

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.

Baughman

SHADOW WOODS ADD. PH. III
TEXAS
STA 0+00 TO STA 3+86.30

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 3162621721 F 3162620149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-83723
DESIGN
DRAWN TMS
APPROVED
DATE 08/05
REVISIONS
SCALE Noted
SHEET 7 OF 39
ShadowWoods\Phase3\Str1
0505E242