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)

Scale: 1" = 20'
• = Iron

P.V.I.
Elev. = 186.48
No V.C.

P.V.I.
Elev. = 185.00
No V.C.

P.V.I.
Elev. = 184.70
No V.C.

P.V.I.
Elev. = 183.15
30' V.C.

Sta 0+00
Sta 0+29.88
Sta 0+74.48–PT
Sta 2+14.73
Sta 2+19.01–PC
Sta 2+46.14
Sta 2+76.80
Sta 3+21.88
Sta 3+26.87
Sta 3+71.93

−0.906%
−1.055%
−1.466%
−1.055%
0.59%
−0.664%
−1.022%
−1.391%
−0.546%

45°00'00"
21°41'29"
85°26'41"
42°13'33"
24°33'19"

CAVIT
DECKER
DECKER CIR.
SHADOW WOODS ADDITION
TEXAS

64' R/W
34' Fc–Fc

Sta 0+26.00, 25' Lt. Install std. D3 (SNS) ass'y as per City specs. "Cavit" & "Decker".

Sta 0+29.88, Begin construction of 5" A.C. pvmt. W/5" reinf. rock base and 4' sidewalk.

Saw, cut, remove and replace 2' existing pavement as shown. To be incidental to "Site Clearing & Restoration".

Sta 0+32.00 Remove existing type 1 barricade w/ E.O.R. marker as shown for salvage by City of Wichita.

Construct 4' wide sidewalk

Construct std. comb. roll type curb & gutter (3–5/8")

Construct 5" A.C. pavement W/ 5" reinf. rock base.

Prop. 4' Walk

Sta 2+65.00, 25' Lt. Install std. D3 (SNS) ass'y as per City specs. "Texas" & Metro SNS "Decker Cir" (101–110)".

Valve Box Elev. = 184.20

Construct std. type 1A inlet hookups & inlet sediment barrier. (See detail, sheet 25)

Prop. 15" SWS

Sta 3+33.51–PT

Adjust Manhole Top From Elev. = 187.10 To Elev. = 186.60

Valve Box Elev. = 184.40

Valve Box Elev. = 184.00

Construct std. type A wheel chair ramp with detectable warning (both sides) (See detail, sheet 5)

Iron @ ℄ Sta 2+73.27

℄ Texas

Curve #6
Curve Data Based on Centerline
Rad. = 150' Delta = 17°02'15" Tangent = 22.47'
Arc = 44.6' L.C. = 44.44' Def/Ft. =11.46020 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+29.88	–	–	–	0°00'00"	0°00'00"
0+50.00	20.12'	23.46'	16.76'	3°50'35"	3°50'35"
0+74.48	24.48'	28.53'	20.38'	4°40'33"	8°31'07"

Curve #7
Curve Data Based on Centerline
Rad. = 173.7' Delta = 37° 46'08" Tangent = 59.42'
Arc = 114.5' L.C. = 112.44' Def/Ft. = 9.89578 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
2+19.01	–	–	–	0°00'00"	0°00'00"
2+25.00	5.99'	5.13'	6.85'	0°59'16"	0°59'16"
2+50.00	25.00'	21.38'	28.57'	4°07'23"	5°06'40"
2+75.00	25.00'	21.38'	28.57'	4°07'23"	9°14'04"
3+00.00	25.00'	21.38'	28.57'	4°07'23"	13°21'27"
3+21.88	21.88'	18.72'	25.01'	3°36'31"	16°57'59"
3+26.87	4.99'	4.27'	5.71'	0°49'23"	17°47'21"
3+33.51	6.64'	5.68'	7.60'	1°05'43"	18°53'04"

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
DECKER/DECKER CIR.
STA 0+00 TO STA 3+71.93

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 3162632221 F 3162620149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-83723
REVISIONS:
DESIGN
DRAWN TMS
APPROVED
DATE 08/05
SCALE Noted
SHEET **10** OF **39**

ShadowWoods\Phase3\Str4 05-05-E242