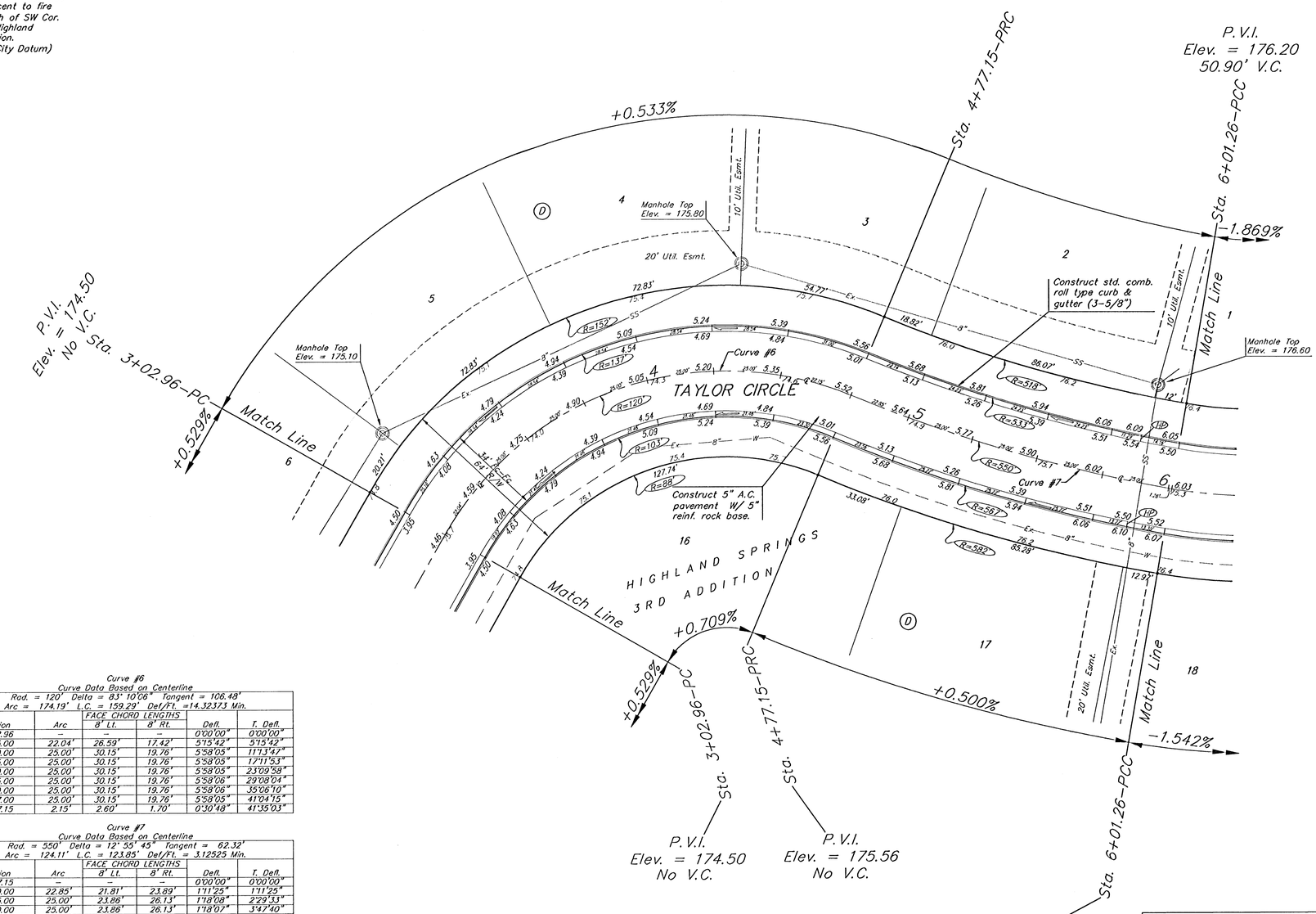
Benchmarks:

135th St. W. & Central
City of Wichita Benchmark
DISC – NE Cor. Intersection,
32.6' N. & 24.5' E. of C both.
39.5' NE of Iron at Sec. Cor.
Elev. = 159.50 (City Datum)

Brass disc in curb – east side
of Aksarben adjacent to fire
hydrant 5'± South of SW Cor.
Lot 8, Block A, Highland
Springs 3rd Addition.
Elev. = 170.00 (City Datum)

Scale: 1" = 20'
• = Iron



Curve #6
Curve Data Based on Centerline
Rad. = 120' Delta = 83° 10'06" Tangent = 106.48'
Arc = 174.19' L.C. = 159.29' Def/Ft. =14.32373 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
3+02.96	–	–		0°00'00"	0°00'00"
3+25.00	22.04'	26.59'	17.42'	5°15'42"	5°15'42"
3+50.00	25.00'	30.15'	19.76'	5°58'05"	11°13'47"
3+75.00	25.00'	30.15'	19.76'	5°58'05"	17°11'53"
4+00.00	25.00'	30.15'	19.76'	5°58'05"	23°09'58"
4+25.00	25.00'	30.15'	19.76'	5°58'06"	29°08'04"
4+50.00	25.00'	30.15'	19.76'	5°58'06"	35°06'10"
4+77.00	25.00'	30.15'	19.76'	5°58'05"	41°04'15"
4+77.15	2.15'	2.60'	1.70'	0°30'48"	41°35'03"

Curve #7
Curve Data Based on Centerline
Rad. = 550' Delta = 12° 55' 45" Tangent = 62.32'
Arc = 124.11' L.C. = 123.85' Def/Ft. = 3.12525 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
4+77.15	–	–	–	0°00'00"	0°00'00"
5+00.00	22.85'	21.81'	23.89'	1°11'25"	1°11'25"
5+25.00	25.00'	23.86'	26.13'	1°18'08"	2°29'33"
5+50.00	25.00'	23.86'	26.13'	1°18'07"	3°47'40"
5+75.00	25.00'	23.86'	26.13'	1°18'08"	5°05'48"
6+01.26	26.26'	25.06'	27.45'	1°22'05"	6°27'53"

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

Highland Springs 3rd Addition - Phase II

TAYLOR CIRCLE

STA 3+02.96 TO STA 6+01.26

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-83779

REVISIONS:

DESIGN NBW DRAWN TMS/JAK

APPROVED DATE 4/20/05

SCALE Noted

SHEET **12** OF **39**

Highland Springs 3rd\Phase 2\Sht5.dwg 04-06-E927