BENCHMARKS:

BM #1: BENT 60d NAIL IN LIGHT POLE, 55' SSW. OF THE E1/4 COR., SEC. 13, TWP. 26-S, R-1-W.
ELEV. = 1336.54 NGVD29

BM #2: RAILROAD SPIKE IN E. FACE OF N. "H" POLE, 60'± S. OF N. LINE, S1/2, NE1/4, SEC. 13, TWP. 26-S, R-1-W
ELEV. = 1335.93 NGVD29

BM #3: "□" CUT ON TOP OF NE COR. OF WATER VAULT, 437'± E. & 54'± N. OF S1/4 COR., SEC. 13, TWP. 26-S, R-1-W.
ELEV. = 1334.81 NGVD29

Curve #4
Curve Data Based on Centerline

Rad. = 225' Delta = 59°42'25" Tangent = 129.14'
Arc = 234.47' L.C. = 224.00' Def./Ft. = 7.63939 Min.

Station	Arc	Face Chord Lengths 8' Left	8' Right	Defl.	Total Defl.
2+25.39	–	–	–	0°00'00"	0°00'00"
2+50.00	24.61'	27.33'	21.86'	3°08'00"	3°08'00"
2+75.00	25.00'	27.76'	22.21'	3°10'59"	6°18'59"
3+00.00	25.00'	27.76'	22.21'	3°11'00"	9°29'59"
3+25.00	25.00'	27.76'	22.21'	3°10'59"	12°40'58"
3+50.00	25.00'	27.76'	22.21'	3°10'59"	15°51'57"
3+75.00	25.00'	27.76'	22.21'	3°10'59"	19°02'56"
4+00.00	25.00'	27.76'	22.21'	3°10'59"	22°13'55"
4+25.00	25.00'	27.76'	22.21'	3°10'59"	25°24'54"
4+50.00	25.00'	27.76'	22.21'	3°10'59"	28°35'53"
4+59.86	9.86'	10.95'	8.76'	1°15'20"	29°51'13"

Curve #3
Curve Data Based on Centerline

Rad. = 200' Delta = 52°55'52" Tangent = 99.57'
Arc = 184.77' L.C. = 178.26' Def./Ft. = 8.59411 Min.

Station	Arc	Face Chord Lengths 8' Left	8' Right	Defl.	Total Defl.
0+40.62	–	–	–	0°00'00"	0°00'00"
0+50.00	9.38'	8.21'	10.55'	1°20'37"	1°20'37"
0+75.00	25.00'	21.86'	28.11'	3°34'51"	4°55'28"
1+00.00	25.00'	21.86'	28.11'	3°34'51"	8°30'19"
1+25.00	25.00'	21.86'	28.11'	3°34'51"	12°05'10"
1+49.14	24.14'	21.11'	27.14'	3°27'28"	15°32'38"
1+75.00	25.86'	22.61'	29.07'	3°42'15"	19°14'53"
2+00.00	25.00'	21.86'	28.11'	3°34'51"	22°49'44"
2+25.39	25.39'	22.20'	28.54'	3°38'12"	26°27'56"

Scale: 1" = 20'
• = Iron

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

Northgate Addition - Phase 1
58th St. N.
STA 0+31.91 to STA 4+91.61

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-263-7271 F 316-263-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 47284465
DESIGN RDM/AEG
DRAWN RDM
APPROVED AEG
DATE 5-30-07
SCALE Noted
SHEET **9 OF 49**
REVISIONS:

Northgate\Phase 1\STR\STR1.dwg
0608-E631