

BENCHMARK:  
BM #1: "□" Cut in middle of  
N headwall of RCBG on 21st  
St. North. 1004.3' W & 22.1'  
N of SE Cor., SE 1/4, Sec. 2,  
T-27-S, R-2-E.  
Elev. = 173.23 City Datum

BM #2: "□" Cut at the SE  
corner of the intersection of  
Castle Rock & Castle Rock Ct.,  
Krug North Addition.  
Elev. = 183.50 City Datum

P.V.I.  
Elev. = 191.00  
No V.C.

P.V.I.  
Elev. = 190.40  
No V.C.

P.V.I.  
Elev. = 189.30  
No V.C.

Scale: 1" = 20'  
• = Iron

P.V.I.  
Elev. = 192.65  
30' V.C.

Curve #6  
Curve Data Based on Centerline  
Rad. = 1500' Delta = 13° 38' 41" Tangent = 179.46'  
Arc = 357.22' L.C. = 356.37' Del/Ft. = 1.14591 Min.

| Station | Arc    | 8' Lt. | 8' Rt. | Defl.    | T. Defl. |
|---------|--------|--------|--------|----------|----------|
| 0+45.41 | -      | -      | -      | 0°00'00" | 0°00'00" |
| 0+45.92 | 0.51'  | 0.52'  | 0.50'  | 0°00'35" | 0°00'35" |
| 0+47.73 | 1.81'  | 1.84'  | 1.78'  | 0°02'04" | 0°02'39" |
| 0+50.00 | 2.27'  | 2.31'  | 2.23'  | 0°02'36" | 0°03'16" |
| 0+50.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 0°33'54" |
| 1+00.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 1°02'33" |
| 1+25.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 1°31'12" |
| 1+41.29 | 16.29' | 16.56' | 16.02' | 0°18'40" | 1°49'52" |
| 1+80.45 | 39.16' | 39.81' | 38.51' | 0°44'52" | 2°34'44" |
| 2+17.21 | 36.76' | 37.32' | 36.15' | 0°42'07" | 3°16'52" |
| 2+25.00 | 7.79'  | 7.92'  | 7.66'  | 0°08'55" | 3°25'47" |
| 2+50.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 3°54'26" |
| 2+75.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 4°23'05" |
| 3+00.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 4°51'44" |
| 3+25.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 5°20'23" |
| 3+50.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 5°49'02" |
| 3+75.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 6°17'41" |
| 4+00.00 | 25.00' | 25.42' | 24.58' | 0°28'39" | 6°46'19" |
| 4+02.63 | 2.63'  | 2.67'  | 2.59'  | 0°03'01" | 6°49'20" |

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.

|                                                                                       |          |                                         |            |
|---------------------------------------------------------------------------------------|----------|-----------------------------------------|------------|
|  |          | KRUG NORTH 2ND/KRUG NORTH ADD. - PH. II |            |
| AYESBURY & CAMDEN CHASE CT.                                                           |          | STA 0+00 TO STA 4+02.63                 |            |
| Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 F 316-262-7171 F 316-262-0149   |          |                                         |            |
| ENGINEERING   SURVEYING   PLANNING   LANDSCAPE ARCHITECTURE                           |          |                                         |            |
| PROJECT NUMBER                                                                        | 47283974 | DESIGN                                  | TMS        |
| REVISIONS                                                                             |          | APPROVED                                | DATE 09/05 |
|                                                                                       |          | SCALE                                   | Noted      |
|                                                                                       |          | SHEET                                   | 11 OF 44   |
| KrugNorth2nd\Phase\Str6                                                               |          | 0504E231                                |            |