

BENCHMARK:  
City of Wichita benchmark at  
the SE corner of intersection  
of 135th Street West and 13th  
Street North.  
Elev. = 167.83 (City Datum)

Brass Benchmark Disc  
Adjacent to Fire Hydrant at E.  
End of E. Curb Return of  
Ponderosa & Ponderosa Ct.  
Elev. = 170.96 (City Datum)

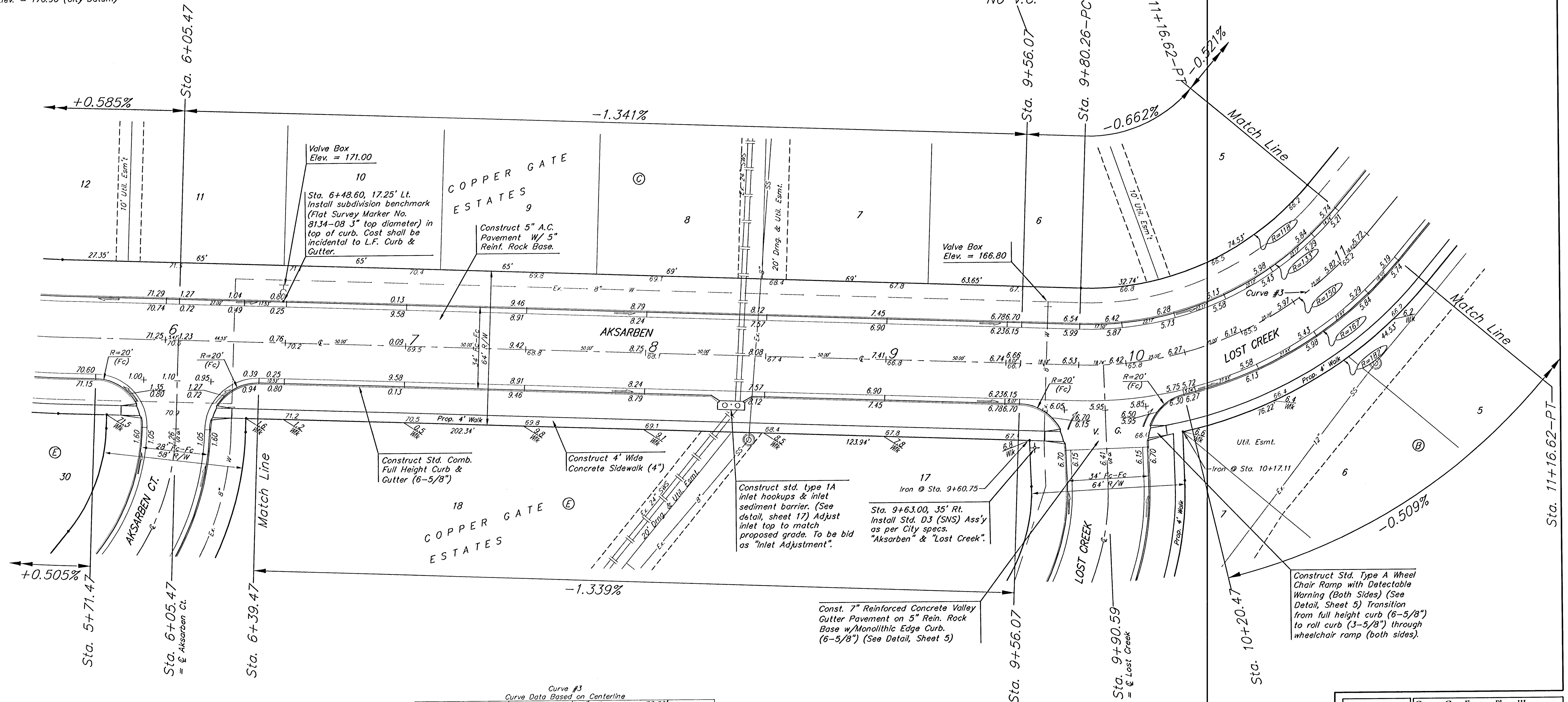
P.V.I.  
Elev. = 171.40  
54' V.C.

P.V.I.  
Elev. = 165.74  
No V.C.

P.V.I.  
Elev. = 166.70  
No V.C.

Sta. 11+16.62-PT

Scale: 1" = 20'  
• = Iron



Curve #3  
Curve Data Based on Centerline  
Rad. = 150' Delta = 52.05' 13" Tangent = 73.30'  
Arc = 136.36' L.C. = 131.72' Def/Ft. = 11.45943 Min.

| Station  | Arc    | FACE CHORD LENGTHS |        | Defl.    | T. Defl.  |
|----------|--------|--------------------|--------|----------|-----------|
|          |        | 8' Lt.             | 8' Rt. |          |           |
| 9+80.26  | -      | -                  | -      | 0'00'00" | 0'00'00"  |
| 10+00.00 | 19.74' | 16.44'             | 23.01' | 3'46'13" | 3'46'13"  |
| 10+20.47 | 20.47' | 17.05'             | 23.66' | 3'54'34" | 7'40'47"  |
| 10+25.00 | 4.53'  | 3.77'              | 5.28'  | 0'51'55" | 8'32'42"  |
| 10+50.00 | 25.00' | 20.81'             | 29.13' | 4'46'29" | 13'19'11" |
| 10+75.00 | 25.00' | 20.81'             | 29.13' | 4'46'29" | 18'05'40" |
| 11+00.00 | 25.00' | 20.81'             | 29.13' | 4'46'29" | 22'52'09" |
| 11+16.62 | 16.62' | 13.84'             | 19.38' | 3'10'28" | 26'02'37" |

|                                                                                  |                                 |                         |
|----------------------------------------------------------------------------------|---------------------------------|-------------------------|
|                                                                                  | Copper Gate Estates - Phase III |                         |
|                                                                                  | <b>AKSARBEN</b>                 |                         |
| STA. 6+39.47 TO STA. 11+16.62                                                    |                                 |                         |
| Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 3162627211 F 3162626149 |                                 |                         |
| ENGINEERING   SURVEYING   PLANNING   LANDSCAPE ARCHITECTURE                      |                                 |                         |
| PROJECT NUMBER<br>472-83671                                                      | DESIGN<br>TMS                   | DRAWN<br>TMS            |
| REVISIONS                                                                        | APPROVED                        | DATE<br>4/13/05         |
|                                                                                  | SCALE<br>Noted                  | SHEET<br><b>7 OF 30</b> |
| CopperGate\Phase 3\Str2.dwg                                                      |                                 | 0406E956                |