

**BENCHMARKS:**  
 R.R. Spike in N. Side of Power Pole  
 780' E. of C. 151st. W. & 60' N.  
 of Section Line on Kellogg.  
 Elev. = 202.07 (City Datum)

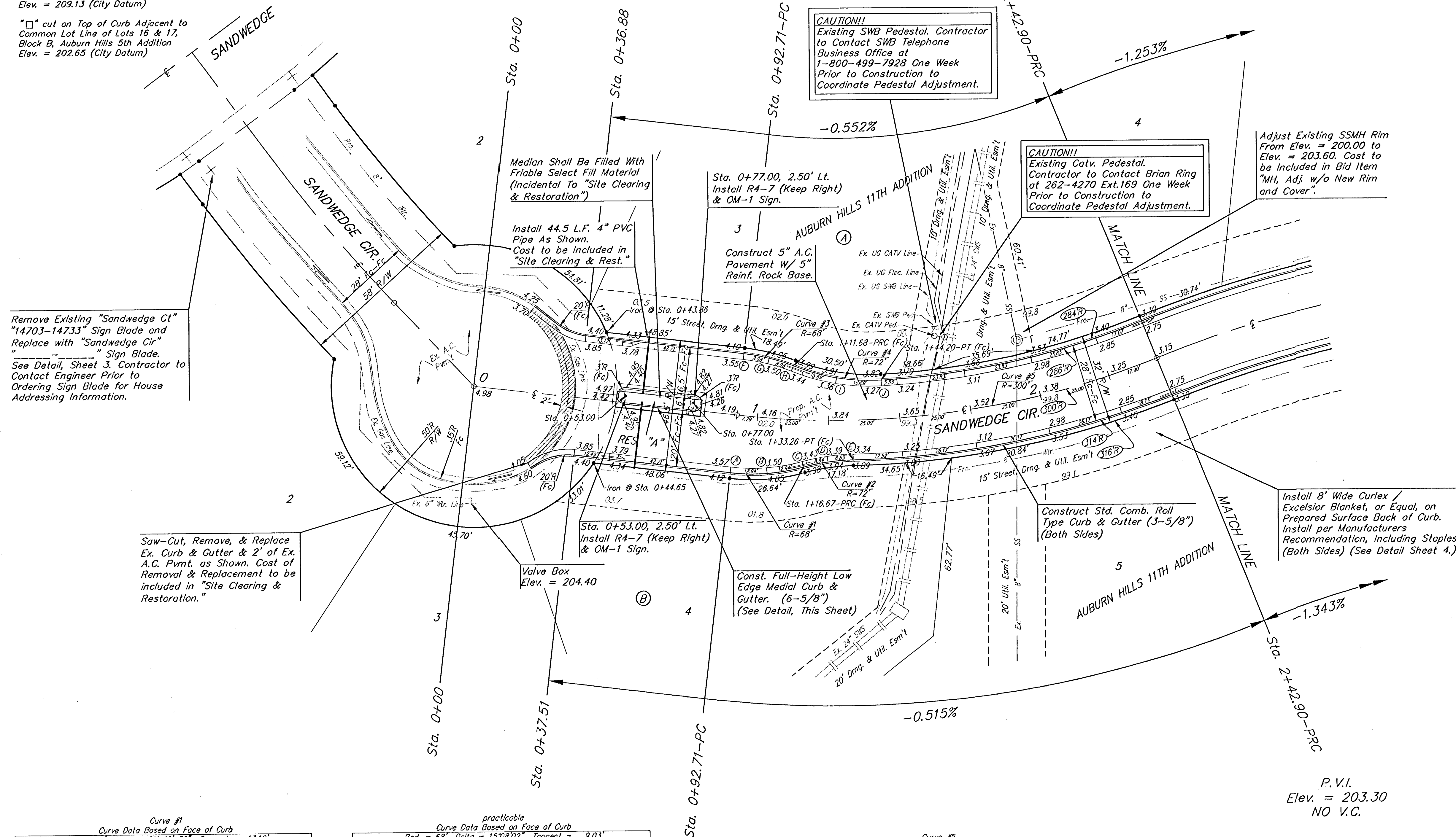
R.R. Spike in Power Pole 493' N. &  
 30' E. of Section Corner @ 151st. W.  
 & Kellogg, adjacent to S.S. Lift Station.  
 Elev. = 207.28 (City Datum)

Top of 1" Iron 12" Deep, W1/4 Cor.,  
 Sec. 26, Twp. 27-S, R-2-W.  
 Elev. = 209.13 (City Datum)

"□" cut on Top of Curb Adjacent to  
 Common Lot Line of Lots 16 & 17,  
 Block B, Auburn Hills 5th Addition  
 Elev. = 202.65 (City Datum)

P.V.I.  
 Elev. = 203.30  
 NO V.C.

Scale:  
 1" = 20'  
 • = Iron



Curve #1  
 Curve Data Based on Face of Curb  
 Rad. = 68' Delta = 21° 48' 33" Tangent = 13.10'  
 Arc = 25.88' L.C. = 25.73' Del/Ft. = 25.28111 Min.

| Station | Arc    | 8 RL   | Defl.   | T. Defl. |
|---------|--------|--------|---------|----------|
| A       | -      | -      | 000'00" | 000'00"  |
| B       | 12.94' | 14.44' | 527'08" | 527'08"  |
| C       | 12.94' | 14.44' | 527'08" | 1054'17" |

Curve #2  
 Curve Data Based on Face of Curb  
 Rad. = 72' Delta = 14° 03' 55" Tangent = 8.88'  
 Arc = 17.67' L.C. = 17.63' Del/Ft. = 23.87993 Min.

| Station | Arc   | 8 RL  | Defl.    | T. Defl. |
|---------|-------|-------|----------|----------|
| A       | -     | -     | 000'00"  | 000'00"  |
| C       | 8.84' | 7.86' | 3'31'06" | 3'31'06" |
| E       | 8.83' | 7.85' | 3'30'52" | 701'58"  |

Curve #3  
 Curve Data Based on Face of Curb  
 Rad. = 68' Delta = 15° 08' 02" Tangent = 9.03'  
 Arc = 17.98' L.C. = 17.91' Del/Ft. = 25.27932 Min.

| Station | Arc   | 8 RL   | Defl.    | T. Defl. |
|---------|-------|--------|----------|----------|
| F       | -     | -      | 000'00"  | 000'00"  |
| G       | 8.98' | 10.03' | 3'47'01" | 3'47'01" |
| H       | 8.98' | 10.03' | 3'47'00" | 734'01"  |

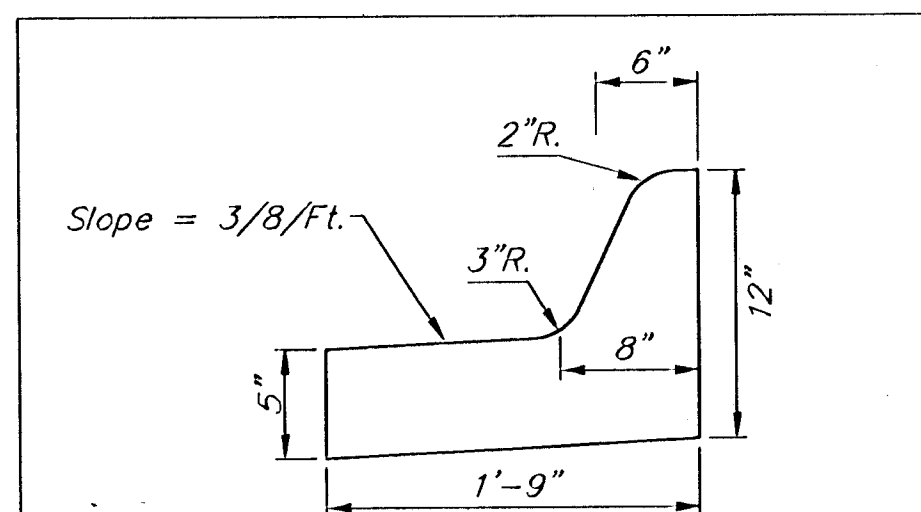
Curve #4  
 Curve Data Based on Face of Curb  
 Rad. = 72' Delta = 24° 58' 06" Tangent = 15.94'  
 Arc = 31.38' L.C. = 31.13' Del/Ft. = 23.87930 Min.

| Station | Arc    | 8 RL   | Defl.    | T. Defl. |
|---------|--------|--------|----------|----------|
| H       | -      | -      | 000'00"  | 000'00"  |
| I       | 15.69' | 13.92' | 6'14'32" | 6'14'32" |
| J       | 15.69' | 13.92' | 6'14'31" | 1229'03" |

Curve #5  
 Curve Data Based on Centerline  
 Rad. = 300' Delta = 28° 41' 04" Tangent = 78.70'  
 Arc = 150.19' L.C. = 148.63' Del/Ft. = 5.72963 Min.

| Station | Arc    | 8 LL   | 8 RL   | Defl.    | T. Defl.  |
|---------|--------|--------|--------|----------|-----------|
| 0+92.71 | -      | -      | -      | 000'00"  | 000'00"   |
| 1+00.00 | 7.29'  | -      | -      | 0'41'46" | 0'41'46"  |
| 1+25.00 | 25.00' | -      | -      | 2'23'15" | 3'05'01"  |
| 1+33.26 | 8.26'  | -      | 8.87'  | 0'47'19" | 3'52'20"  |
| 1+44.20 | 10.94' | 10.14' | 11.74' | 1'02'41" | 4'55'01"  |
| 1+50.00 | 5.80'  | 5.37'  | 6.23'  | 0'33'14" | 5'28'15"  |
| 1+75.00 | 25.00' | 23.16' | 26.83' | 2'23'14" | 7'51'29"  |
| 2+00.00 | 25.00' | 23.16' | 26.83' | 2'23'15" | 10'14'44" |
| 2+25.00 | 25.00' | 23.16' | 26.83' | 2'23'14" | 12'37'58" |
| 2+42.90 | 17.90' | 16.59' | 19.21' | 1'42'54" | 14'20'32" |

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.



Medial Curb Detail  
 (Low Edge)  
 Not to Scale

Note: To be paid as Medial Curb & Gutter (6 5/8")

AUBURN HILLS 11TH ADDITION  
**SANDWEDGE CIR.**  
 STA. 0+00 TO STA. 2+42.90

**BAUGHMAN COMPANY P.A.**  
 ENGINEERING, SURVEYING, & PLANNING  
 316-262-7271 • 315 ELLIS • WICHITA, KANSAS

PROJECT NUMBER  
**472-83403**

DESIGN: BLP DRAWN: DC APPROVED: DATE: 08-01 SCALE: NOTED

17