

BENCHMARK:
 BM #1: HOOVER AND 45TH ST. NORTH
 - COW BENCHMARK AT NE CORNER OF
 INTERSECTION, 10.20' SSE OF PP,
 58.80' ESE OF PP ON NW CORNER,
 85.50' NE OF GAS LINE MARKER,
 59.00' NORTH OF GAS LINE MARKER,
 28.50' EAST OF CENTERLINE, 14.50'
 NORTH OF CENTERLINE.
 ELEV. = 1335.29 (NGVD 29)

BM #2: Small RR spike in 3rd PP west
 of Hoover St. on the north side of
 45th St. N.
 Elev. = 1337.68

BM #3: Small RR spike in 2nd PP east
 of NW Corner of SEC. 27, TWP. 26-S,
 R-1-W. (North side of 45th St. N.,
 west of Hoover St.)
 Elev. = 1339.57

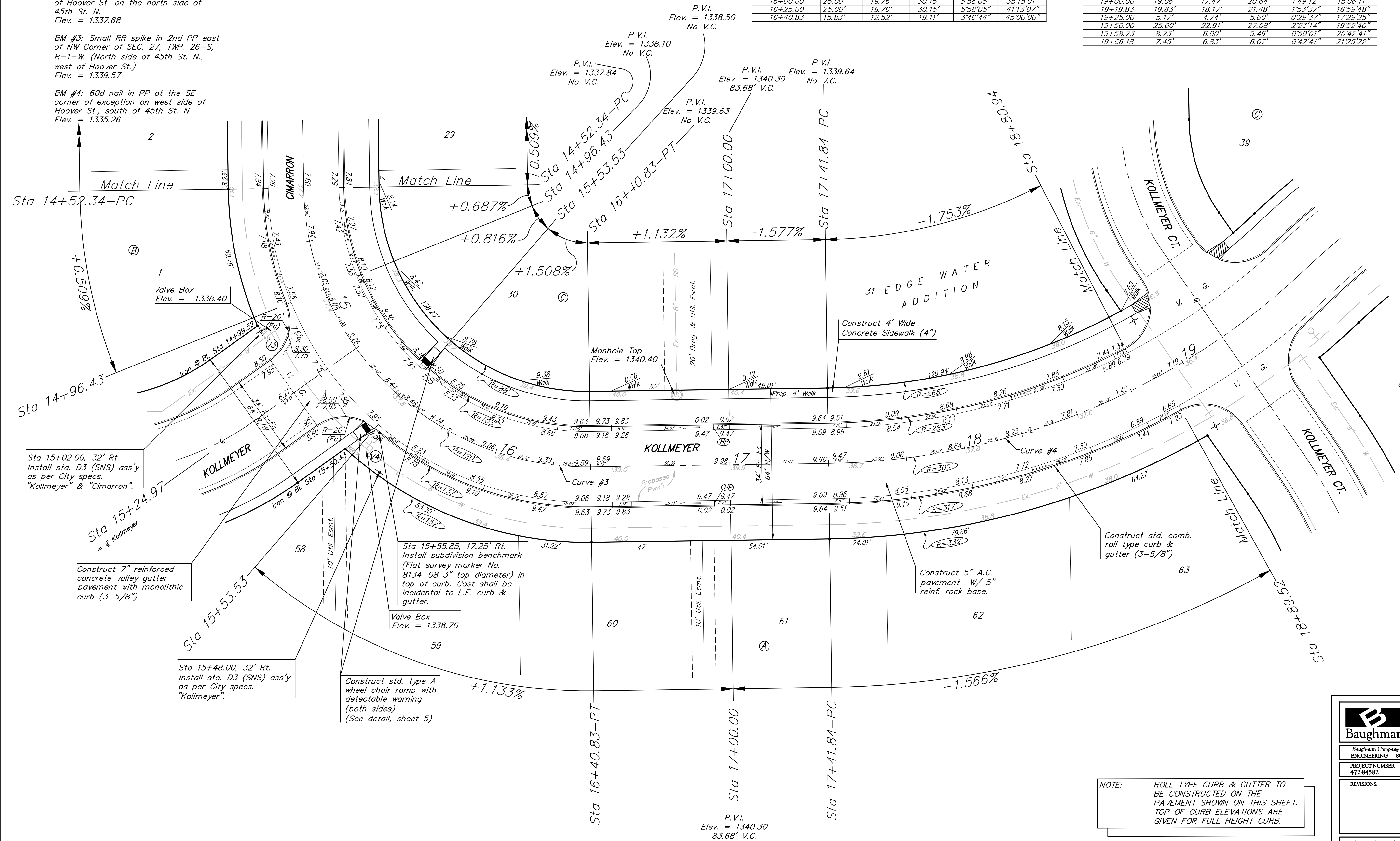
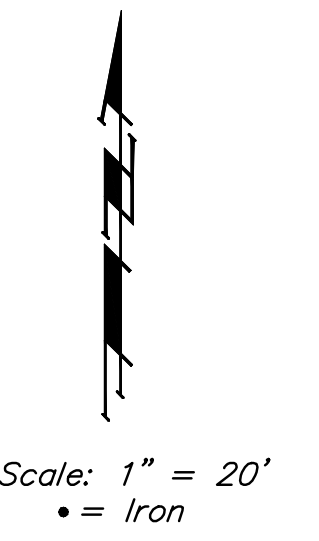
BM #4: 60d nail in PP at the SE
 corner of exception on west side of
 Hoover St., south of 45th St. N.
 Elev. = 1335.26

Curve #3
 Curve Data Based on Centerline
 Rad. = 120' Delta = 90°00'00" Tangent = 120.00'
 Arc = 188.5' L.C. = 169.71' Def/Ft. = 14.32361 Min.

| Station | Arc | FACE CHORD LENGTHS | | Defl. | T. Defl. |
|----------|--------|--------------------|--------|----------|-----------|
| | | B' Lt. | B' Rt. | | |
| 14+52.34 | - | - | - | 0°00'00" | 0°00'00" |
| 14+75.00 | 22.66' | 17.91' | 27.34' | 5°24'34" | 5°24'34" |
| 14+96.43 | 21.43' | 16.94' | 25.86' | 5°06'57" | 10°31'32" |
| 15+00.00 | 3.57' | 2.83' | 4.31' | 0°51'08" | 11°22'40" |
| 15+24.97 | 24.97' | 19.73' | 30.12' | 5°57'39" | 17°20'19" |
| 15+50.00 | 25.03' | 19.78' | 30.19' | 5°58'31" | 23°18'50" |
| 15+53.53 | 3.53' | 2.79' | 4.27' | 0°50'34" | 24°09'24" |
| 15+75.00 | 21.47' | 16.97' | 25.91' | 5°07'31" | 29°16'56" |
| 16+00.00 | 25.00' | 19.76' | 30.15' | 5°58'05" | 35°15'01" |
| 16+25.00 | 25.00' | 19.76' | 30.15' | 5°58'05" | 41°13'07" |
| 16+40.83 | 15.83' | 12.52' | 19.11' | 3°46'44" | 45°00'00" |

Curve #4
 Curve Data Based on Centerline
 Rad. = 300' Delta = 42°50'44" Tangent = 117.71'
 Arc = 224.34' L.C. = 219.15' Def/Ft. = 5.72955 Min.

| Station | Arc | FACE CHORD LENGTHS | | Defl. | T. Defl. |
|----------|--------|--------------------|--------|----------|-----------|
| | | B' Lt. | B' Rt. | | |
| 17+41.84 | - | - | - | 0°00'00" | 0°00'00" |
| 17+50.00 | 8.16' | 7.48' | 8.84' | 0°46'45" | 0°46'45" |
| 17+75.00 | 25.00' | 22.91' | 27.08' | 2°23'14" | 3°09'59" |
| 18+00.00 | 25.00' | 22.91' | 27.08' | 2°23'14" | 5°33'14" |
| 18+25.00 | 25.00' | 22.91' | 27.08' | 2°23'14" | 7°56'28" |
| 18+50.00 | 25.00' | 22.91' | 27.08' | 2°23'14" | 10°19'42" |
| 18+75.00 | 25.00' | 22.91' | 27.08' | 2°23'14" | 12°42'56" |
| 18+80.94 | 5.94' | 5.44' | 6.43' | 0°34'02" | 13°16'59" |
| 19+00.00 | 19.06' | 17.47' | 20.64' | 1°49'12" | 15°06'11" |
| 19+19.83 | 19.83' | 18.17' | 21.48' | 1°53'37" | 16°59'48" |
| 19+25.00 | 5.17' | 4.74' | 5.60' | 0°29'37" | 17°29'25" |
| 19+50.00 | 25.00' | 22.91' | 27.08' | 2°23'14" | 19°52'40" |
| 19+58.73 | 8.73' | 8.00' | 9.46' | 0°50'01" | 20°42'41" |
| 19+66.18 | 7.45' | 6.83' | 8.07' | 0°42'41" | 21°25'22" |



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.

| | | | |
|---|--|-----------------------------|--|
| | | EDGE WATER ADDITION - PH. I | |
| | | KOLLMEYER | |
| Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P3162627271 F3162620149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE | | PROJECT NUMBER 412-84582 | |
| REVISIONS: | | DESIGN ATD | |
| APPROVED: | | DRAWN TMS | |
| SCALE Noted | | DATE 01/08 | |
| SHEET | | 10 OF 72 | |
| EdgeWater\Phase1\Str4 | | 07-05-E838 | |