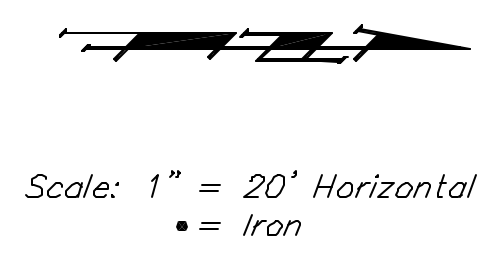
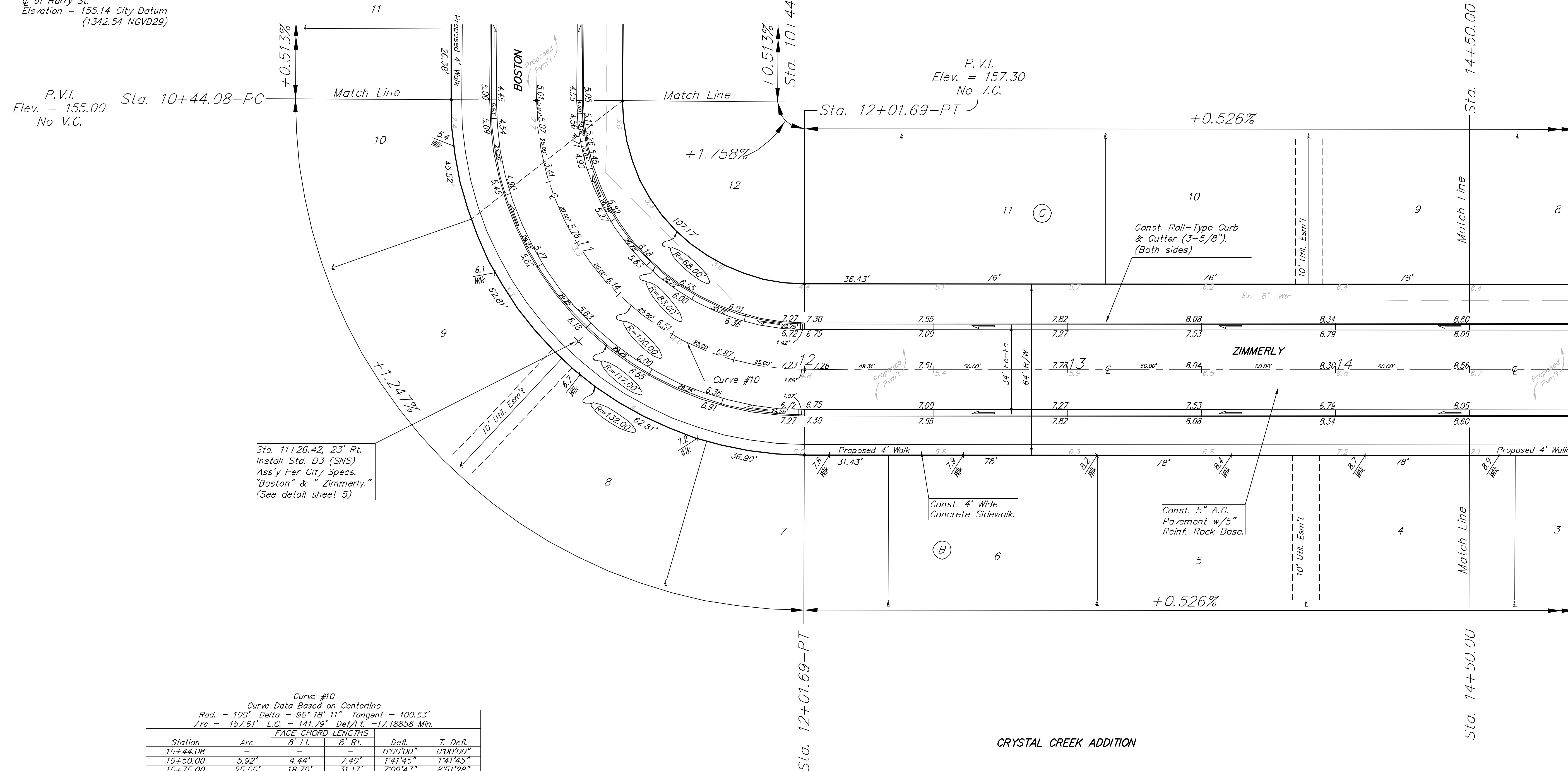


BENCHMARK:

- #1. "X" Cut in Sidewalk 519.7 ft. East & 34.0 ft. South of SW Cor. SE 1/4, Sec. 28, Twp. 27-S, R-2, E. Elevation = 154.50 City Datum (1341.90 NGVD29)
- #2. "X" Cut in Sidewalk 536.4 ft. East of Smithmoor & 45.6 ft. South of Harry St. Elevation = 155.14 City Datum (1342.54 NGVD29)



CRYSTAL CREEK ADDITION



Sta. 11+26.42, 23' Rt. Install Std. D3 (SNS) Assy Per City Specs. "Boston" & "Zimmerly." (See detail sheet 5)

Curve #10
Curve Data Based on Centerline
Rad. = 100' Delta = 90° 18' 11" Tangent = 100.53'
Arc = 157.61' L.C. = 141.79' Def/Ft. = 17.18858 Mip.

| Station | Arc | FACE CHORD LENGTHS | | Defl. | T. Defl. |
|----------|--------|--------------------|--------|----------|-----------|
| | | 8' Ll. | 8' Rt. | | |
| 10+44.08 | - | - | - | 0'00"00" | 0'00"00" |
| 10+50.00 | 5.92' | 4.44' | 7.40' | 1'41"45" | 1'41"45" |
| 10+75.00 | 25.00' | 18.70' | 31.17' | 7'09"43" | 8'51"28" |
| 11+00.00 | 25.00' | 18.70' | 31.17' | 7'09"43" | 16'01"11" |
| 11+25.00 | 25.00' | 18.70' | 31.17' | 7'09"42" | 23'10"53" |
| 11+50.00 | 25.00' | 18.70' | 31.17' | 7'09"43" | 30'20"36" |
| 11+75.00 | 25.00' | 18.70' | 31.17' | 7'09"43" | 37'30"19" |
| 12+00.00 | 25.00' | 18.70' | 31.17' | 7'09"43" | 44'40"02" |
| 12+01.69 | 1.69' | 1.27' | 2.11' | 0'29"03" | 45'09"05" |

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.

CRYSTAL CREEK ADDITION
ZIMMERLY
STA. 10+44.08 TO STA. 14+50.00

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER: **472-69818**

| | | | | | |
|-------------|------------|-----------|------------|--------------|-------------------------------|
| DESIGN: NBW | DRAWN: GNX | APPROVED: | DATE: 1/04 | SCALE: NOTED | SHEET: 15 OF 57 |
|-------------|------------|-----------|------------|--------------|-------------------------------|

CrystalCreekSt08 03-07-2024