

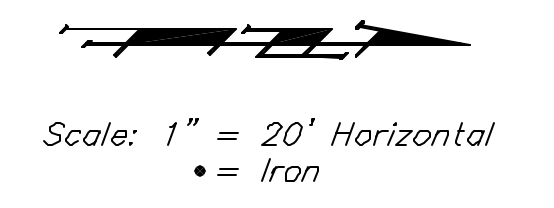
BENCHMARK:

- #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 Hary St. Elevation = 155.14 City Datum (1342.54 NGVD29)

Const. 7" Reinforced Concrete Valley Gutter Pvm't on 5" Rein. Rock Base w/monolithic Edge Curb (3-5/8"). (See detail sheet 7)

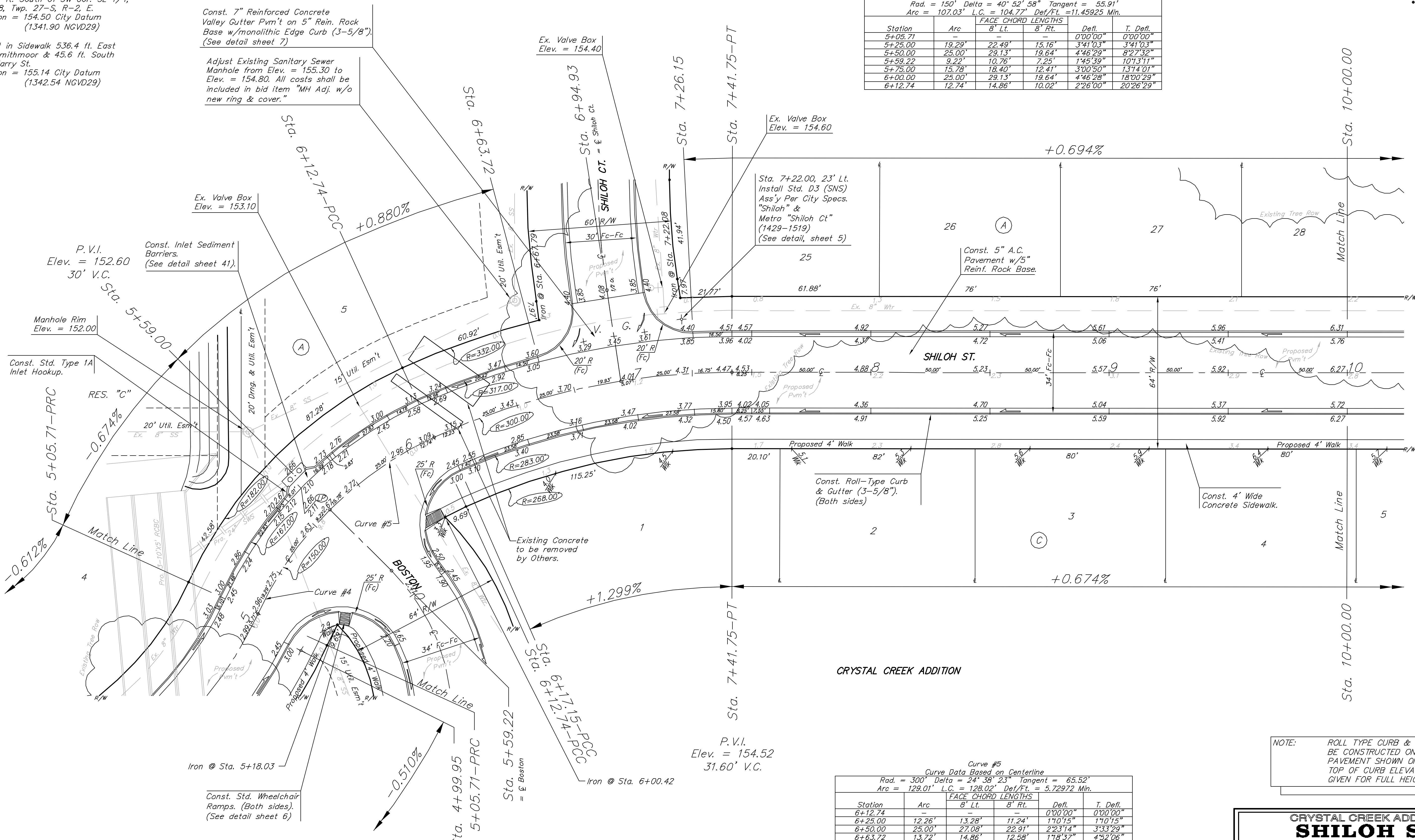
Adjust Existing Sanitary Sewer Manhole from Elev. = 155.30 to Elev. = 154.80. All costs shall be included in bid item "MH Adj. w/o new ring & cover."

CRYSTAL CREEK ADDITION



Curve #4
Curve Data Based on Centerline
Rad. = 150' Delta = 40° 52' 58" Tangent = 55.91'
Arc = 107.03' L.C. = 104.77' Def/Pl. = 11.45925 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
5+05.71	-	-	-	0'00"00"	0'00"00"
5+25.00	19.29'	22.49'	15.16'	3'41'03"	3'41'03"
5+50.00	25.00'	29.13'	19.64'	4'46'29"	8'27'32"
5+59.22	9.22'	10.76'	7.25'	1'45'39"	10'13'11"
5+75.00	15.78'	18.40'	12.41'	3'00'50"	13'14'01"
6+00.00	25.00'	29.13'	19.64'	4'46'28"	18'00'29"
6+12.74	12.74'	14.86'	10.02'	2'26'00"	20'26'29"



Curve #5
Curve Data Based on Centerline
Rad. = 300' Delta = 24° 36' 23" Tangent = 65.52'
Arc = 129.01' L.C. = 128.02' Def/Pl. = 5.72972 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
6+12.74	-	-	-	0'00"00"	0'00"00"
6+25.00	12.26'	13.28'	11.24'	1'10'15"	1'10'15"
6+50.00	25.00'	27.08'	22.91'	2'23'14"	3'33'29"
6+63.72	13.72'	14.86'	12.58'	1'18'37"	4'52'06"
6+75.00	11.28'	12.22'	10.34'	1'04'38"	5'56'44"
6+94.93	19.93'	21.59'	18.27'	1'54'11"	7'50'55"
7+00.00	5.07'	5.49'	5.13'	0'29'03"	8'19'58"
7+25.00	25.00'	27.08'	22.91'	2'23'15"	10'43'13"
7+26.15	1.15'	1.25'	1.05'	0'06'35"	10'49'48"
7+41.75	15.60'	16.90'	14.30'	1'29'23"	12'19'11"

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.

Contractor to remove Existing Trees as necessary for project construction. Cost to be incidental to "Site Clearing & Restoration."

CRYSTAL CREEK ADDITION
SHILOH ST.
STA. 6+05.71 TO STA. 10+00.00

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-282-7271 • 318 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER: **427-03818**

DESIGN: NBW DRAWN: GAX APPROVED: DATE: 1/04 SCALE: NOTED

SHEET **9** OF **67**

Crystalcreek1542 03-07-E624