

BENCHMARKS:
City of Wichita Benchmark
Disk 32.6' N and 24.5' E
of Intersection of 135th St. W.
and Central. 39.5' NE of Iron at
Section Corner.
Elev. = 159.50 (City Datum)

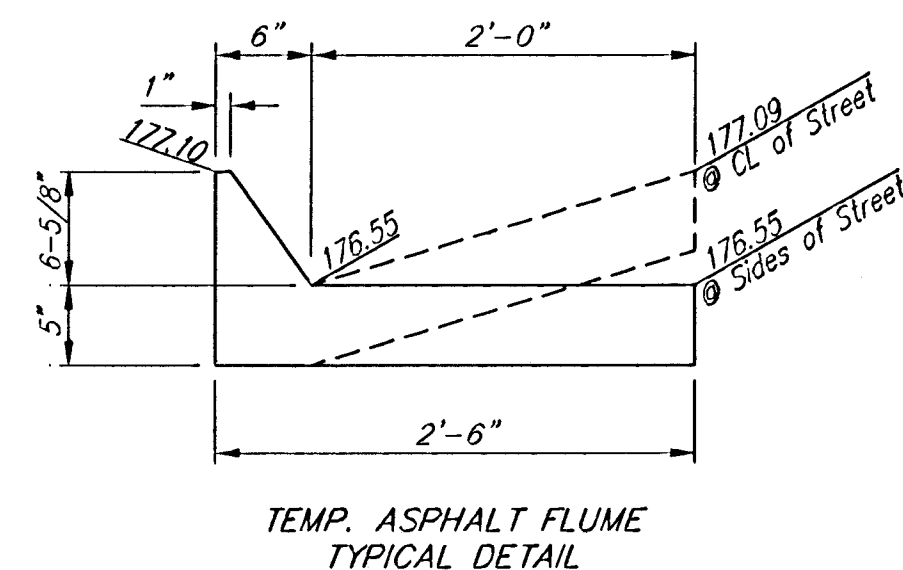
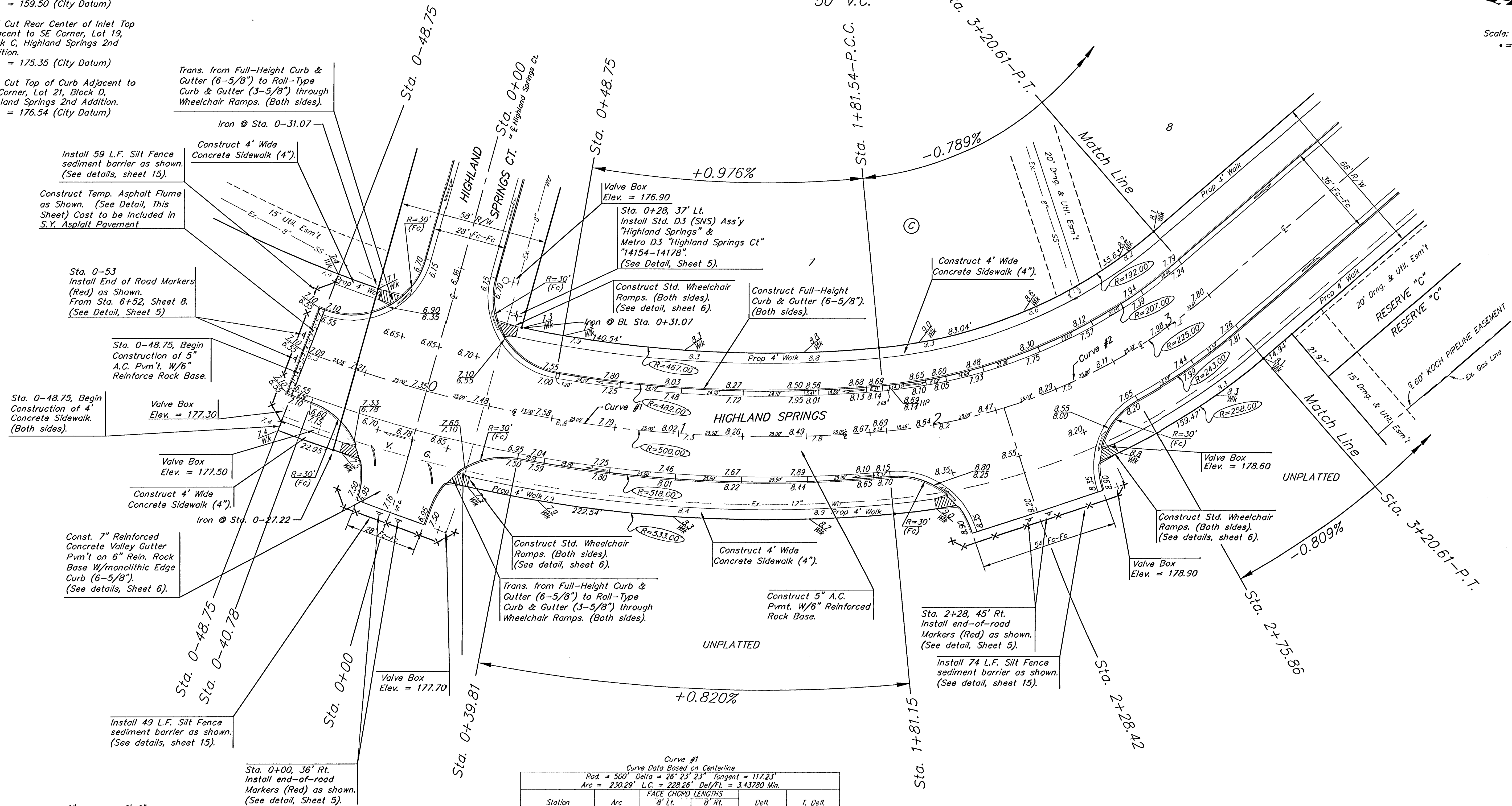
"□" Cut Rear Center of Inlet Top
Adjacent to SE Corner, Lot 19,
Block C, Highland Springs 2nd
Addition.
Elev. = 175.35 (City Datum)

"□" Cut Top of Curb Adjacent to
SE Corner, Lot 21, Block D,
Highland Springs 2nd Addition.
Elev. = 176.54 (City Datum)

HIGHLAND SPRINGS 2ND ADDITION

P.V.I.
Elev. = 178.80
50' V.C.

Scale: 1" = 20'
• = Iron



Curve #1 Curve Data Based on Centerline				
Rad. = 500' Delta = 26° 23' 23" Tangent = 117.23'				
Arc = 230.29' L.C. = 228.26' Def/Ft. = 3.43780 Min.				
Station	Arc	FACE CHORD LENGTHS		T. Defl.
		8' Lt.	8' Rt.	
0+48.75	-	-	-	000'00"
0+40.78	7.97'	7.56'	8.38'	027'24"
0+25.00	15.78'	14.96'	16.60'	054'15"
0+00.00	25.00'	23.70'	26.30'	125'57"
0+25.00	25.00'	23.70'	26.30'	125'57"
0+39.81	14.81'	14.04'	15.58'	050'53"
0+48.75	8.94'	8.48'	9.40'	030'44"
0+50.00	1.25'	1.19'	1.32'	004'19"
0+75.00	25.00'	23.70'	26.30'	125'57"
1+00.00	25.00'	23.70'	26.30'	125'57"
1+25.00	25.00'	23.70'	26.30'	125'57"
1+50.00	25.00'	23.70'	26.30'	125'57"
1+75.00	25.00'	23.70'	26.30'	125'57"
1+81.15	6.15'	5.83'	6.47'	021'08"
1+81.54	0.36'	0.34'	0.38'	001'21"

Curve #2 Curve Data Based on Centerline				
Rad. = 225' Delta = 35° 24' 50" Tangent = 71.84'				
Arc = 139.07' L.C. = 136.87' Def/Ft. = 7.63944 Min.				
Station	Arc	FACE CHORD LENGTHS		T. Defl.
		8' Lt.	8' Rt.	
1+81.54	-	-	-	000'00"
2+00.00	18.64'	16.32'	20.59'	221'01"
2+25.00	25.00'	22.10'	27.89'	310'59"
2+50.00	25.00'	22.10'	27.89'	310'59"
2+75.00	25.00'	22.10'	27.89'	310'59"
2+75.86	0.86'	0.76'	0.96'	006'34"
3+00.00	25.00'	22.10'	27.89'	310'59"
3+20.61	20.61'	18.22'	22.98'	237'27"

HIGHLAND SPRINGS 2ND ADDITION - PHASE II
HIGHLAND SPRINGS
STA 0+48.75 TO STA 3+20.61

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-83143
DESIGN BP/TMG DRAWN GNV APPROVED DATE 2-13-02 SCALE Noted

SHEET
OF
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