

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)

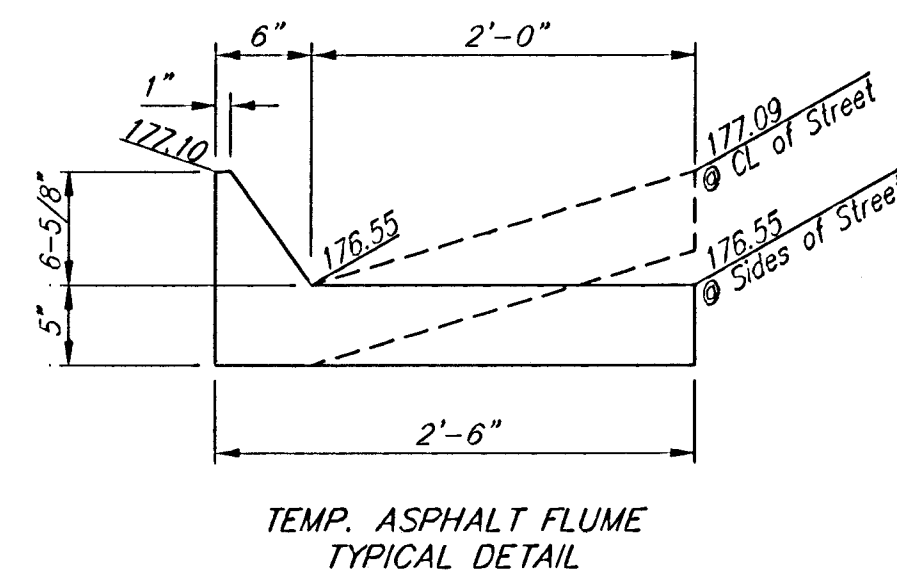
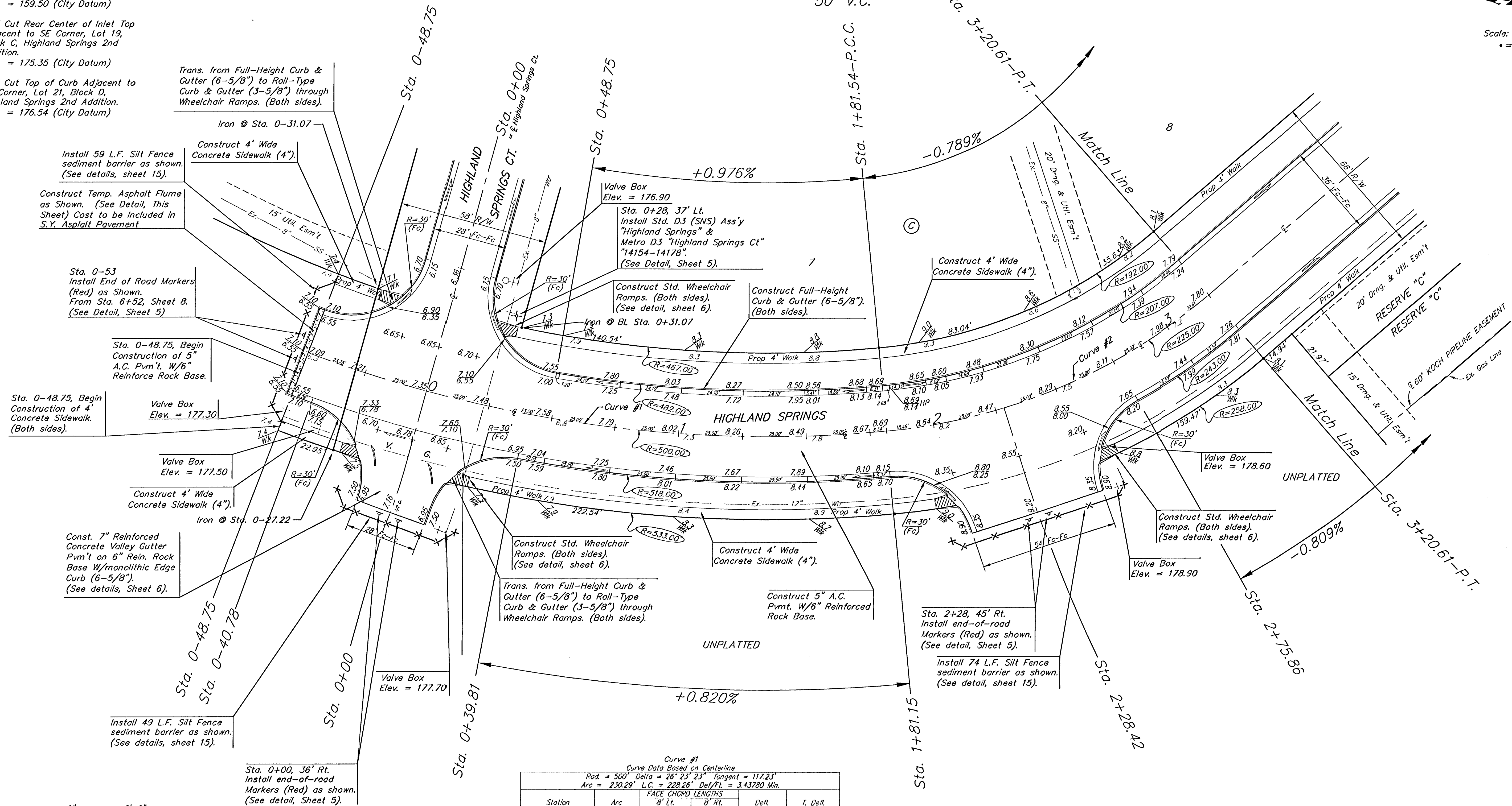
"□" Cut Rear Center of Inlet Top
Adjacent to SE Corner, Lot 19,
Block C, Highland Springs 2nd
Addition.
Elev. = 175.35 (City Datum)

"□" 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 = 25° 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+00.00	0.00	0.00	0.00	000°00'
0+10.00	10.00	10.00	10.00	010°00'
0+20.00	20.00	20.00	20.00	020°00'
0+30.00	30.00	30.00	30.00	030°00'
0+40.00	40.00	40.00	40.00	040°00'
0+48.75	48.75	48.75	48.75	048°45'
0+50.00	50.00	50.00	50.00	050°00'
1+00.00	100.00	100.00	100.00	100°00'
1+10.00	110.00	110.00	110.00	110°00'
1+20.00	120.00	120.00	120.00	120°00'
1+30.00	130.00	130.00	130.00	130°00'
1+40.00	140.00	140.00	140.00	140°00'
1+50.00	150.00	150.00	150.00	150°00'
1+60.00	160.00	160.00	160.00	160°00'
1+70.00	170.00	170.00	170.00	170°00'
1+81.15	181.15	181.15	181.15	181°15'
1+81.54	181.54	181.54	181.54	181°54'

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.	
2+00.00	0.00	0.00	0.00	000°00'
2+10.00	10.00	10.00	10.00	010°00'
2+20.00	20.00	20.00	20.00	020°00'
2+30.00	30.00	30.00	30.00	030°00'
2+40.00	40.00	40.00	40.00	040°00'
2+50.00	50.00	50.00	50.00	050°00'
2+60.00	60.00	60.00	60.00	060°00'
2+70.00	70.00	70.00	70.00	070°00'
2+80.00	80.00	80.00	80.00	080°00'
2+90.00	90.00	90.00	90.00	090°00'
3+00.00	100.00	100.00	100.00	100°00'
3+10.00	110.00	110.00	110.00	110°00'
3+20.61	120.61	120.61	120.61	120°37'

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 7 OF 32