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

Scale: 1" = 20'
• = Iron

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

Sta. 0-48.75
Sta. 0+00 - ℄ Highland Springs Ct.
Sta. 0+48.75
Sta. 1+81.54-P.C.C.
Sta. 3+20.61-P.T.

+0.976%
-0.789%
-0.809%
+0.820%

Match Line

Trans. from Full-Height Curb & Gutter (6-5/8") to Roll-Type Curb & Gutter (3-5/8") through Wheelchair Ramps. (Both sides).

Iron @ Sta. 0-31.07

Construct 4' Wide Concrete Sidewalk (4").

Install 59 L.F. Silt Fence sediment barrier as shown. (See details, sheet 15).

Construct Temp. Asphalt Flume as Shown. (See Detail, This Sheet) Cost to be Included in S.Y. Asplait Pavement

Sta. 0-53
Install End of Road Markers (Red) as Shown.
From Sta. 6+52, Sheet 8.
(See Detail, Sheet 5)

Sta. 0-48.75, Begin Construction of 5" A.C. Pvm't. W/6" Reinforce Rock Base.

Sta. 0-48.75, Begin Construction of 4' Concrete Sidewalk. (Both sides).

Valve Box
Elev. = 177.30

Valve Box
Elev. = 177.50

Construct 4' Wide Concrete Sidewalk (4").

Iron @ Sta. 0-27.22

Const. 7" Reinforced Concrete Valley Gutter Pvm't on 6" Rein. Rock Base W/monolithic Edge Curb (6-5/8").
(See details, Sheet 6).

Sta. 0-48.75

Sta. 0-40.78

Install 49 L.F. Silt Fence sediment barrier as shown.
(See details, sheet 15).

Sta. 0+00

Valve Box
Elev. = 177.70

Sta. 0+00, 36' Rt.
Install end-of-road Markers (Red) as shown.
(See detail, Sheet 5).

Sta. 0+39.81

Valve Box
Elev. = 176.90
Sta. 0+28, 37' Lt.
Install Std. D3 (SNS) Ass'y "Highland Springs" & Metro D3 "Highland Springs Ct" "14154-14178".
(See Detail, Sheet 5).

Construct Std. Wheelchair Ramps. (Both sides).
(See detail, sheet 6).

Iron @ BL Sta. 0+31.07

Construct Full-Height Curb & Gutter (6-5/8"). (Both sides).

Construct Std. Wheelchair Ramps. (Both sides).
(See detail, sheet 6).

Construct 4' Wide Concrete Sidewalk (4").

Trans. from Full-Height Curb & Gutter (6-5/8") to Roll-Type Curb & Gutter (3-5/8") through Wheelchair Ramps. (Both sides).

UNPLATTED

Construct 5" A.C. Pvmt. W/6" Reinforced Rock Base.

Sta. 1+81.15

Construct 4' Wide Concrete Sidewalk (4").

Sta. 2+28, 45' Rt.
Install end-of-road Markers (Red) as shown.
(See detail, Sheet 5).

Install 74 L.F. Silt Fence sediment barrier as shown.
(See detail, sheet 15).

Sta. 2+28.42

Valve Box
Elev. = 178.60

Construct Std. Wheelchair Ramps. (Both sides).
(See details, sheet 6).

Valve Box
Elev. = 178.90

UNPLATTED

Sta. 2+75.86

Sta. 3+20.61-P.T.

HIGHLAND SPRINGS

HIGHLAND SPRINGS CT.

RESERVE "C"

RESERVE "C"

℄ 60' KOCH PIPELINE EASEMENT

Ex. Gas Line

20' Drng. & Util. Esm't

15' Drng. & Util. Esm't

Prop 4' Walk

Ex. 15" Util. Esm't

Ex. 8" SS

Ex. 8" Wtr

Ex. 12" Wtr

66' R/W

36' F.C.-F.C.

28' F.C.-F.C.

54' F.C.-F.C.

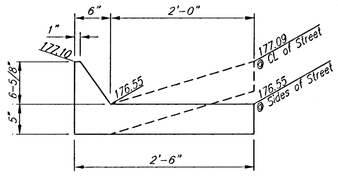
Curve #1
Curve Data Based on Centerline
Rad. = 500' Delta = 25° 23' 23" Tangent = 112.23'
Arc = 230.29' L.C. = 228.26' Def/Ft. = 3.43780 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0-48.75	–	–	–	0°00'00"	0°00'00"
0-40.78	7.97'	7.55'	8.38'	0°27'24"	0°27'24"
0-25.00	15.78'	14.96'	16.60'	0°54'15"	1°21'39"
0+00.00	25.00'	23.70'	26.30'	1°25'57"	2°47'36"
0+25.00	25.00'	23.70'	26.30'	1°25'58"	4°13'34"
0+39.81	14.81'	14.04'	15.58'	0°50'55"	5°04'27"
0+48.75	8.94'	8.48'	9.40'	0°30'44"	5°35'11"
0+50.00	1.25'	1.19'	1.32'	0°04'18"	5°39'29"
0+75.00	25.00'	23.70'	26.30'	1°25'57"	7°05'26"
1+00.00	25.00'	23.70'	26.30'	1°25'58"	8°31'22"
1+25.00	25.00'	23.70'	26.30'	1°25'57"	9°57'19"
1+50.00	25.00'	23.70'	26.30'	1°25'57"	11°23'16"
1+75.00	25.00'	23.70'	26.30'	1°25'57"	12°49'13"
1+81.15	6.15'	5.83'	6.47'	0°21'08"	13°10'21"
1+81.54	0.36'	0.34'	0.39'	0°01'21"	13°11'42"

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 8' Lt.	8' Rt.	Defl.	T. Defl.
1+81.54	–	–	–	0°00'00"	0°00'00"
2+00.00	18.64'	18.32'	20.59'	2°21'01"	2°21'01"
2+25.00	25.00'	22.10'	27.88'	3°11'00"	5°32'01"
2+50.00	25.00'	22.10'	27.87'	3°10'59"	8°43'00"
2+75.00	25.00'	22.10'	27.87'	3°10'59"	11°53'59"
2+75.86	0.86'	0.76'	0.96'	0°06'54"	12°00'53"
3+00.00	25.00'	22.10'	27.88'	3°04'25"	15°04'58"
3+20.61	20.61'	18.22'	22.98'	2°37'27"	17°42'25"

TEMP. ASPHALT FLUME
TYPICAL DETAIL



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 • 313 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 472-83143 | SHEET 7 OF 32

DESIGN	DRAWN	APPROVED	DATE	SCALE
BP/IMG	GNX		2-13-02	Noted

Hshcon01.dgn 01-14-2002