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)

Curve #5
Curve Data Based on Centerline
Rad. = 400' Delta = 42° 51' 53" Tangent = 157.02'
Arc = 299.25' L.C. = 292.32' Def/Ft. = 4.29722 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
0+00.00	–	–	–	0°00'00"	0°00'00"
0+25.00	25.00'	23.43'	26.56'	1°47'26"	1°47'26"
0+50.00	25.00'	23.43'	26.56'	1°47'26"	3°34'52"
0+75.00	25.00'	23.43'	26.55'	1°47'25"	5°22'17"
1+00.00	25.00'	23.43'	26.56'	1°47'26"	7°09'43"
1+25.00	25.00'	23.43'	26.56'	1°47'26"	8°57'09"
1+50.00	25.00'	11.72'	26.55'	1°47'26"	10°44'35"
1+75.00	25.00'	23.44'	26.56'	1°47'26"	12°32'01"
1+77.64	2.64'	2.47'	2.80'	0°11'20"	12°43'21"
1+81.34	3.70'	3.47'	3.93'	0°15'54"	12°59'15"
2+00.00	18.66'	17.49'	19.82'	1°20'12"	14°19'27"
2+15.31	15.31'	14.35'	16.21'	1°05'47"	15°25'14"
2+25.00	9.69'	23.43'	26.56'	0°41'38"	16°06'52"
2+49.17	24.17'	22.67'	25.68'	1°43'52"	17°50'44"
2+50.00	0.83'	0.77'	0.88'	0°03'34"	17°54'18"
2+52.74	2.74'	2.51'	2.91'	0°11'47"	18°06'05"
2+75.00	22.26'	20.86'	23.65'	1°35'39"	19°41'44"
2+99.25	24.25'	22.73'	25.76'	1°44'12"	21°25'56"

Scale: 1" = 20'
• = Iron

HIGHLAND SPRINGS 2ND ADDITION

P.V.I.
Elev. = 178.00
44.70' V.C.

Sta. 0-20.20
-0.728%
Sta. 0-11.00
Sta. 0+00-P.R.C.
+0.550%
Sta. 1+77.64
Sta. 2+15.31 = ℄ Remington Ct.
Sta. 2+52.74
-0.615%
Sta. 2+99.25-P.T.
Match Line

Install 58 L.F. Silt Fence sediment barrier as shown. (See detail sheet 15).

Sta. 0-20.20, Begin Construction of 5" A.C. Pvm't W/5" Reinforced Rock Base.

Sta. 0-22
Install End of Road Markers (Red) as Shown from Sta. 6+09.20 (Sheet 12).
To be incidental to "Site Clearing & Restoration".
(See Detail, Sheet 5)

Const. Sediment Barriers. (See Details, Sheet 15).

Curve #4

Construct Std. Type 1A Inlet Hookups. (Both sides).

Valve Box Elev. = 178.20

Sta. 0-20.20, Begin Construction of 4' Wide Concrete Sidewalk (4").

Valve Box Elev. = 178.20

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

Adjust Inlet Top To Match Proposed Grade. To Be Bid as "Inlet Adjustment". (Both sides).

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

Iron @ Sta. 1+83.75
Sta 1+81.34, 17.25' Rt.
Install subdivision benchmark (Flat Survey Marker No. 8134-08 3" top diameter) in top of curb. Cost shall be incidental to L.F. Full-Height Curb & Gutter.

Iron @ Sta. 2+46.86

Sta. 2+47, 27' Lt.
Install Std. D3 (SNS) Ass'y "Remington Lane" & Metro D3 "Remington Ct" "14102-14130".
(See detail, Sheet 5).

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

Iron @ Sta. 2+44.96

Match Line

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

Construct 4' Wide Concrete Sidewalk (4").

Valve Box Elev. = 179.20

Valve Box Elevs. = 179.20

Iron @ Sta. 1+85.65

Sta. 2+00, 36' Rt.
Install Std. D3 (SNS) Ass'y "Remington" & "Bluegrass".
(See detail, Sheet 5).

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

REMINGTON CT.
REMINGTON LANE
BLUEGRASS
58' R/W
28' Fc-Fc
64' R/W
34' Fc-Fc
20' Drng. & Util. Esm't
Ex. 18" SNS
Ex. 24" SNS
Ex. 8" Wtr.
Prop 4' Walk
Future Pvm't
Proposed Pvm't
Sump
TF
LP
HP

+0.502%
-0.890%
-0.602%
Sta. 0-20.20
Sta. 0-11.00
Sta. 0+00-P.R.C.
Sta. 1+81.34
Sta. 2+15.31 = ℄ Bluegrass
Sta. 2+49.17
Sta. 2+99.25-P.T.

P.V.I.
Elev. = 178.00
48.72' V.C.

Curve #4
Curve Data Based on Centerline
Rad. = 225' Delta = 5° 08' 40" Tangent = 10.11'
Arc = 20.2' L.C. = 20.20' Def/Ft. = 7.64026 Min.

Station	Arc	FACE CHORD LENGTHS 8 Lt.	8 Rt.	Defl.	T. Defl.
0+00.00	–	–	–	–	0°00'00"
0-20.20	20.20	22.44'	17.95'	2°34'20"	2°34'20"

HIGHLAND SPRINGS 2ND ADDITION
REMINGTON LANE
STA 0-20.20 TO STA 2+99.25

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

PROJECT NUMBER	SHEET
472-83143	11 OF 32

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

Remington2.dgn