BENCHMARKS:

BM#1: "□" Cut in top of curb, east return of SE corner of Lotus & Parkridge. Elev. = 145.99 (City Datum)

BM #2: "X" Cut on walk at NW corner of Lot 1, Block F, Flat Creek Addition Elev. = 146.22 (City Datum)

BM #3: "□" Cut in top of curb at the NW corner of Lot 1, Block B, Hunter's Ridge Addition. Elev. = 146.63 (City Datum)

Scale: 1" = 20'
• = Iron

Sta. 0+00 = ℄ 119TH ST. W.

Sta. 0+50.00

P.V.I. Elev. = 145.60 44.00' V.C.

Sta. 3+41.63

Sta. 3+47.13-PC

FLAT CREEK ADDITION

-0.686%

+0.537%

Prop. Pond (By Others)

Sta. 0+50.00, 22' Lt. Install R1-1 (Stop) Sign (See Detail, Sheet 4.)

Install 12.0 S.Y. Light Stone Rip-rap as indicated.

Sta. 0+50.00 Begin Construction of 4' Concrete Sidewalk

Valve Box Elevs. = 147.70

Valve Box Elevs. = 147.80

Sta 1+38.00, 24' Rt. Install W14-2 (No Outlet) Sign

RESERVE "A"

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

Sta. 4+59.25

Sta. 4+71.10, 37.66' Lt. Install R1-1 (Stop) Sign (See Detail, Sheet 4.)

Valve Box Elevs. = 146.50 Iron @ Sta. 4+62.61

Sta. 4+89.13 = ℄ JEWELL

Sta. 5+07.15, 37.66' Lt. Install Std. D3 (SNS) Ass'y per City Specs. " Milstead " & " Jewell " (See Detail, Sheet 4.)

Sta. 5+19.00

Install 50 L.F. 18" R.C.P. w/End Sections.

CAUTION!! Overhead Electric Lines

119TH STREET WEST

JEWELL

Prop. 4' Walk

Exist 12" Wtr

Exist 8" SS

Prop. A.C. Pvmt.

Curve #1

Construct 5" A.C. Pvm't Hook-up w/5" Reinf. Rock Base

Saw Cut, Remove & Replace 2' Existing Surface Course as Indicated. Cost Shall be Included in "Site Clearing and Restoration"

Remove Existing Fence Across Right-of-Way

Construct 5" A.C. Pavement W/ 5" Reinf. Rock Base.

Construct Std. Comb. Roll Type Curb & Gutter (3-5/8") (Both Sides)

Install Sediment Barriers (Both Sides) (See Detail-p.7)

Sta. 0+50.00, 23' Rt. Install Metro D3 (SNS) Ass'y per City Specs. "119th St 2000 S" & "Jewell 11900 W" (See Detail, Sheet 4.)

Install 12.0 S.Y. Light Stone Rip-rap as indicated.

FLAT CREEK ADDITION

MILSTEAD

RESERVE "B"

Prop. 4' Walk

20' Drng. & Util. Esm't

Construct Std. Wheelchair Ramp (Both Sides)

Iron @ Sta. 5+15.64

Regrade Ditch as Necessary to Ensure Positive Drainage (Both Sides)

Remove trees only as necessary for street construction. Cost of removal to be incidental to lump sum bid item "Site Clearing & Restoration".

Sta. 0+00 = ℄ 119TH ST. W.

Sta. 0+50.00

-0.686%

Sta. 3+41.63

Sta. 3+47.13-PC

+0.690%

P.V.I. Elev. = 145.60 50.00' V.C.

Sta. 5+82.75-PT

+0.531%

P.V.I. Elev. = 147.08 NO V.C.

+0.532%

Sta. 5+82.75-PT

MATCH LINE

MATCH LINE

Curve #1
Curve Data Based on Centerline
Rad. = 150' Delta = 90°0'0" Tangent = 150.00'
Arc = 235.62' L.C. = 212.13' Def/Ft. = 11.4591 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
3+47.13	–	–	–	0°00'00"	0°00'00"
3+50.00	2.87'	3.35'	2.39'	0°32'53"	0°32'53"
3+75.00	25.00'	29.13'	20.81'	4°46'29"	5°19'22"
4+00.00	25.00'	29.13'	20.81'	4°46'29"	10°05'51"
4+25.00	25.00'	29.13'	20.81'	4°46'28"	14°52'19"
4+50.00	25.00'	29.13'	20.81'	4°46'29"	19°38'48"
4+59.25	9.25'	10.79'	7.71'	1°46'00"	21°24'48"
4+75.00	15.75'	18.37'	13.12'	3°00'29"	24°25'17"
4+89.13	14.13'	16.48'	11.77'	2°41'55"	27°07'12"
5+00.00	10.87'	12.68'	9.06'	2°04'33"	29°11'45"
5+19.00	19.00'	22.15'	15.82'	3°37'44"	32°49'29"
5+25.00	6.00'	7.00'	5.00'	1°08'45"	33°58'14"
5+50.00	25.00'	29.13'	20.81'	4°46'29"	38°44'43"
5+75.00	25.00'	29.13'	20.81'	4°46'29"	43°31'12"
5+82.75	7.75'	9.04'	6.46'	1°28'48"	45°00'00"

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.

FLAT CREEK ADDITION
JEWELL
STA. 0+00 TO STA. 5+82.75

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

PROJECT NUMBER 472-83383

SHEET 6 OF 39

DESIGN	DRAWN	APPROVED	DATE	SCALE
BP/TMG	DC		08-01	NOTED