BENCHMARKS:

BM #1: C.O.W. benchmark disk. 56' E and 55' N of CL 135th St. W. & 13th St. N. Elev. = 167.83 (City Datum)

BM #2: RR spike in east face of power pole 1/4 mile S & 31' E of intersection of 135th St. W. &13th ST. N. Elev. = 170.85 (City Datum)

BM #3: "□" cut in top of curb N end of W curb return of Forest View & Forest View Ct. Elev. = 165.07 (City Datum)

Scale: 1" = 20'

• = Iron

Sta. 0+00 = ℄ 135th St. W.

Sta. 0+55.00

Sta. 1+81.21

Sta. 2+18.00 = ℄ 10th Ct. N.

Sta. 2+52.00

PVI Elev. = 165.95 100' V.C.

Sta. 4+00.00

Sta. 4+88.00

Sta. 5+25.00 = ℄ Forestview

LIBERTY PARK 2ND ADDITION

LIBERTY PARK 3RD ADDITION

135TH. S.T. W.

10TH CT. N.

10TH ST. N.

FORESTVIEW

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

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

Sta. 0+55, 32' Lt. Install R1-1 (Stop) Sign (See Detail, Sheet 4)

Sta. 0+91, 1' Rt. Install R4-7 (Keep Right) & OM-1 Sign. (See Detail, Sheet 4.)

Construct Std. Type A Wheel Chair Ramp with Detectable Warning (Both Sides) (See Detail, Sheet 5)

Const. 7" Reinforced Concrete Valley Gutter Pavement on 5" Rein. Rock Base w/Monolithic Edge Curb. (6-5/8")(See Detail, Sheet 5)

Trans. from Full-Height Curb (6-5/8") to Roll-Type Curb (3-5/8") Through Wheelchair Ramps (Both Sides)

Manhole Rim Elev. = 170.20

Valve Box Elev. = 170.00

Construct 4' Wide Concrete Sidewalk (4")

Valve Box Elevs. = 168.90

Iron @ Sta. 2+47.00

Sta. 2+47, 23' Lt. Install Std. D3 (SNS) Ass'y per City Specs. " 10th St " & " 10th Ct " " 13502 - 13526 " (See Detail, Sheet 4)

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

Iron @ Sta. 4+93.00

Sta. 4+94, 23' Lt. Install Std. D3 (SNS) Ass'y per City Specs. " Forestview " & " 10th St " (See Detail, Sheet 4)

Trans. from Full Cr. to 1/2 Cr. in 10'

Iron @ Sta. 1+89.00

Sta. 1+34.30-P.I.

Sta. 0+99.43-P.C.

Sta. 1+89, 24' Rt. Install Std. D3 (SNS) Ass'y per City Specs. " 10th St " & " 10th Ct " " 13501 - 13529 " (See Detail, Sheet 4)

Iron @ Sta. 1+18.00

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

Const. 7" Reinforced Concrete Valley Gutter Pavement on 5" Rein. Rock Base w/Monolithic Edge Curb. (6-5/8")(See Detail, Sheet 5)

Valve Box Elevs. = 169.20

Const. Sediment Barrier (Both Sides) (See Detail, Sheet 33)

Const. Std. Type 1A Inlet Hook-Up (Both Sides)

Const. Full-Height Low Edge Medial Curb & Gutter. (6-5/8") (See Detail, Sheet 6) Median shall be filled with friable fill material

Sta. 0+60, 1' Rt. Install R4-7 (Keep Right) & OM-1 Sign. (See Detail, Sheet 4.)

Install 2-30' Long 4" PVC pipes (Left) & 2-28' long 4" PVC pipes (Right) under pavement. Cap each end. Mark Ends of Pipe with Wooden Stake Painted Pink. (Incidental to Project Cost)

Sta. 0+55, 32' Rt. Install Metro (SNS) Ass'y Per City specs. "10th St (13500 W)" & "135th St (1100 N)" (See Detail, Sheet 4)

-0.789%

-1.723%

+3.239%

Curve #1 R=250'

4'R(Fc) Radius Pt.= Sta. 0+60.25, 1'Rt.

4'R(Fc) Radius Pt.= Sta. 0+91.00, 1'Rt.

Curve #2 R=250'

Existing AC Pvmnt

Proposed AC Pvmnt

Proposed 4' Walk

Future Asphalt Pavement

Existing 6" Pipeline Anguilla Energy

Existing 8" Sanitary Sewer

Proposed 18" SWS

Proposed 24" SWS

Existing 6" Water Line

Existing 8" Water Line

Proposed 4" Walk

Curve #1
Curve Data Based on Face of Curb
Rad. = 250' Delta = 8°01'02" Tangent = 17.52'
Arc = 34.98' L.C. = 34.95' Def/Ft. = 6.87583 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	Defl.	T. Defl.
0+99.43	–	–	0°00'00"	0°00'00"
1+16.91	17.49'	18.05'	2°00'16"	2°00'16"
1+34.30	17.49'	18.05'	2°00'15"	4°00'31"

Curve #2
Curve Data Based on Face of Curb
Rad. = 250' Delta = 8°01'02" Tangent = 17.52'
Arc = 34.98' L.C. = 34.95' Def/Ft. = 6.87583 Min.

Station	Arc	FACE CHORD LENGTHS 8' Rt.	Defl.	T. Defl.
0+99.43	–	–	0°00'00"	0°00'00"
1+16.91	17.49'	18.05'	2°00'16"	2°00'16"
1+34.30	17.49'	18.05'	2°00'15"	4°00'31"

Baughman

Liberty Park 2nd & 3rd Addition - Phase 1

10TH ST NORTH

STA. 0+00 - STA.5+25.00

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-263-7271 F 316-263-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-83881

DESIGN NBW/JAK DRAWN JAK

REVISIONS:

APPROVED NBW DATE 4/19/06

SCALE Noted

SHEET **7** OF **53**

E:\Eng\Liberty Park 3rd\Phase 1\Str1 03-09-E701