Benchmarks:
BM #1: City of Wichita Benchmark Disc. 119th St. West & 0.5 miles S of Kellogg. 42.2' E of centerline & 6.4' S of Power Pole.
Elev. = 144.69 (City Datum)

BM #2: Benchmark Disc. adjacent to fire hydrant at S end of E curb return of Jewell & Jewell Ct.
Elev. = 146.84 (City Datum)

BM #3: 119th St. W. & Pawnee City of Wichita Benchmark Disc. NE corner of intersection. 40' E and 30' N of centerline. 59.5' N of power pole @ SE corner of intersection. 156.8' NNE of centerline of E concrete headwall on culvert under 119th St. W.
Elev. = 148.68 (City Datum)

Scale: 1" = 20'
• = Iron

TURKEY CREEK 2ND ADDITION

Sta. 15+71.07-PT
PVI
Elev. = 142.50
43' VC
Sta. 16+40.14
Sta. 17+93.29-PC
Sta. 19+36.79-PT
Sta. 19+78.87

-0.677%
+0.551%
-0.680%
+0.555%
-0.821%
+0.587%

Match Line

Adjust Exist. Inlet Top from Elev. = 142.17 to Elev. = 142.56 to Meet Proposed Grade. To Be Bid as "Inlet Adjustment"

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

Construct 4' Wide Concrete Sidewalk (4")

Const. Sediment Barrier (Both Sides) (See Detail, Sheet 23)

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

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

Valve Box Elevs. = 143.50

Valve Box Elev. = 143.15

Proposed 4' Walk

Exist. 8" Water Line

Exist. 8" San. Sewer

Exist. 48" SSMH

20' Drng. & Util. Esm't

10' Util. Esm't

JEWELL

JEWELL CT.

Sump

Curve #6
R=333'
R=317'
R=300'
R=283'
R=268'

Sta. 19+78.87
End Construction of 4' Wide Concrete Sidewalk (4")

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

Existing Asphalt Pavement

Match

Sta. 17+38, 24' Rt.
Install Std. D3 (SNS) Ass'y per City Specs.
" Jewell " &
" Jewell Ct "
" 12101 - 12141 "
(See Detail, Sheet 4)

Iron @ Sta. 17+35.29

Iron @ Sta. 17+93.29

Remove Existing End of Road Markers and Relocate to Sta. 0+77, Sheet 6. Cost to be Included in "Site Clearing and Restoration."

Const. 7" Reinforced Concrete Valley Gutter Pavement on 5" Rein. Rock Base w/Monolithic Edge Curb. (3-5/8") (See Detail, Sheet 5)

Sta. 17+30.28
Sta. 17+64.28
= ℄ Jewell ct.
Sta. 17+99.00

Sta. 19+78.87
End Construction of 5" A.C. Pavement w/ 5" Reinf. Rock Base

Roll type curb & gutter to be constructed on the pavement on this sheet.
Top of curb elevation are given for full height curb.

Curve #6
Curve Data Based on Centerline
Rad. = 300' Delta = 27° 24' 22" Tangent = 73.15'
Arc = 143.50' L.C. = 142.13' Def/Ft. = 5.72950 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
17+93.29	–	–	–	0°00'00"	0°00'00"
17+99.00	5.71'	6.19'	5.23'	0°32'43"	0°32'43"
18+00.00	1.00'	1.08'	0.92'	0°05'44"	0°38'27"
18+25.00	25.00'	27.08'	22.91'	2°23'14"	3°01'41"
18+50.00	25.00'	27.08'	22.91'	2°23'14"	5°24'55"
18+75.00	25.00'	27.08'	22.91'	2°23'14"	7°48'09"
19+00.00	25.00'	27.08'	22.91'	2°23'15"	10°11'24"
19+25.00	25.00'	27.08'	22.91'	2°23'14"	12°34'38"
19+36.79	11.79'	12.77'	10.81'	1°07'33"	13°42'11"

Baughman

Turkey Creek 2nd Addition - Phase II
JEWELL
STA. 15+71.07 STA. 19+78.87

Baughman Company, P.A. 315 Elk St. Wichita, KS 67211 P 316.262.1221 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 412-84029
DESIGN MWS/JAK
DRAWN JAK
APPROVED
DATE 4/12/06
SCALE Noted
SHEET 10 OF 41
REVISIONS:

E:\Eng\Turke Creek 2nd\Phase 2\Sht5 06-01-E482