BENCHMARK
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)
Elev. = 1336.08 (N.G.V.D.29)

Scale: 1" = 20'
• = Iron

P.V.I.
Elev. = 150.70
40.78' V.C.

Sta 0+00-PT
Sta 1+80.78
Sta 2+56.78
Sta 2+90.78
= ℄ Rogers Cir.
Sta 3+24.78
Sta 3+80.70-PC
Sta 4+83.22-PRC
Sta 5+80.04

+1.026%
+0.536%
-0.551%

Construct 7" reinforced concrete valley gutter pavement with monolithic curb (3-5/8"), both sides.

Construct 5" A.C. pavement W/ 5" reinf. rock base.

Sta 1+78.78
Install type 1 barricade w/ E.O.R. marker as shown. (See detail, sheet 4.)

Install end-of-road hay bale sediment barriers. See detail, sheet 32-33.

Sta 1+80.78, Begin construction of 5" A.C. pvmt. W/5" reinf. rock base and 4' sidewalk.

Valve Box Elev. = 149.20

Valve Box Elev. = 149.30

ROGERS CIR.
28' Fc-Fc
58' R/W
Iron @ Sta 2+61.78

Sta 3+17.00, 30' Lt.
Install std. D3 (SNS) ass'y as per City specs. "Grant" & "Rogers Cir."

Iron @ Sta 3+19.78

TURKEY CREEK ADDITION

20' Drng. & Util. Esmt.

Adjust Manhole Top from Elev. = 151.30 to Elev. = 150.80

Construct std. comb. roll type curb & gutter (3-5/8")

Match Line

GRANT CT.
28' Fc-Fc
58' R/W

GRANT

Proposed Pvmt

Curve #1

Curve #2

Sta 2+62.00, 35' Rt.
Install std. D3 (SNS) ass'y as per City specs. "Grant" & "Rogers".

ROGERS LN.
34' Fc-Fc
64' R/W

Construct std. type A wheel chair ramp with detectable warning (both sides)
(See detail, sheet 5)

Sta 3+14.00, 37' Rt.
Install R1-1 (stop) sign.

Manhole Top Elev. = 150.60

Construct 4' wide sidewalk

Prop. 4' Walk

+1.027%
+0.529%
-0.600%
-0.502%

Sta 1+80.78
Sta 2+53.78
Sta 2+90.78
= ℄ Rogers Lane
Sta 3+27.78
Sta 3+80.70-PC
Sta 4+83.22-PRC
Sta 5+81.30

P.V.I.
Elev. = 150.70
36.42' V.C.

P.V.I.
Elev. = 150.12
No V.C.

Adjust water valve boxes as needed to grade. Incidental to 'Site Clearing and Restoration'.

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.

Curve #1
Curve Data Based on Centerline
Rad. = 300' Delta = 19° 34' 50" Tangent = 51.77'
Arc = 102.52' L.C. = 102.03' Def/Ft. = 5.72978 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
3+80.70	–	–	–	0°00'00"	0°00'00"
4+00.00	19.30'	20.91'	17.69'	1°50'35"	1°50'35"
4+25.00	25.00'	27.08'	22.91'	2°23'14"	4°13'50"
4+50.00	25.00'	27.08'	22.91'	2°23'14"	6°37'04"
4+75.00	25.00'	27.08'	22.91'	2°23'14"	9°00'19"
4+83.22	8.22'	8.91'	7.54'	0°47'06"	9°47'25"

Curve #2
Curve Data Based on Centerline
Rad. = 300' Delta = 19° 34' 50" Tangent = 51.77'
Arc = 102.52' L.C. = 102.03' Def/Ft. = 5.72978 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
4+83.22	–	–	–	0°00'00"	0°00'00"
5+00.00	16.78'	15.38'	18.18'	1°36'09"	1°36'09"
5+25.00	25.00'	22.91'	27.08'	2°23'14"	3°59'23"
5+50.00	25.00'	22.91'	27.08'	2°23'14"	6°22'39"
5+75.00	25.00'	22.91'	27.08'	2°23'14"	8°45'53"
5+80.22	5.22'	4.79'	5.66'	0°29'54"	9°15'47"
5+81.30	1.08'	0.99'	1.17'	0°06'11"	9°21'58"
5+85.74	4.44'	4.07'	4.81'	0°25'26"	9°47'25"

Baughman
TURKEY CREEK ADDITION - PH. I
GRANT
STA 1+80.78 TO STA 5+80.04

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.7771 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84028
REVISIONS
DESIGN
DRAWN TMS
APPROVED
DATE 12/04
SCALE Noted
SHEET 9 OF 48

TurkeyCreek/Sht4
04-06-E931