Benchmark:
City of Wichita Benchmark Disc, Hydraulic and 55th Street South. 42.00' North of Centerline, 40.70' West of Centerline, 3.70' North of centerline of Power Pole, 58.20' Northwest of Southeast Corner, Sec. 21, Twp. 28-S, R-1-E.
Elev. = 76.19 City Datum
Elev. = 1263.59 (NGVD29)

Curve #1
Curve Data Based on Centerline
Rad. = 300' Delta = 69° 49' 31" Tangent = 209.40'
Arc = 365.63' L.C. = 343.42' Def/Ft. = 5.72963 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
4+19.27	–	–	–	0°00'00"	0°00'00"
4+25.00	5.73'	5.25'	6.21'	0°32'50"	0°32'50"
4+50.00	25.00'	22.91'	27.08'	2°23'14"	2°56'04"
4+75.00	25.00'	22.91'	27.08'	2°23'14"	5°19'19"
5+00.00	25.00'	22.91'	27.08'	2°23'14"	7°42'33"
5+25.00	25.00'	22.91'	27.08'	2°23'14"	10°05'47"
5+50.00	25.00'	22.91'	27.08'	2°23'14"	12°29'02"
5+75.00	25.00'	22.91'	27.08'	2°23'14"	14°52'16"
5+99.07	24.07'	22.06'	26.07'	2°17'55"	17°10'11"
6+32.08	33.01'	30.24'	35.74'	3°09'08"	20°19'19"
6+65.08	33.00'	30.24'	35.73'	3°09'04"	23°28'24"
6+75.00	9.92'	9.09'	10.75'	0°56'50"	24°25'14"
7+00.00	25.00'	22.91'	27.08'	2°23'14"	26°48'29"
7+25.00	25.00'	22.91'	27.08'	2°23'14"	29°11'43"
7+50.00	25.00'	22.91'	27.08'	2°23'14"	31°34'57"
7+75.00	25.00'	22.91'	27.09'	2°23'14"	33°58'12"
7+84.90	9.90'	9.07'	10.72'	0°56'43"	34°54'55"

Scale: 1" = 20'
• = Iron

Sta 3+11.88
P.V.I.
Elev. = 80.59
No V.C.
Sta 4+19.27-PC
P.V.I.
Elev. = 79.60
No V.C.
Sta 5+99.07
Sta 6+65.08
P.V.I.
Elev. = 79.20
No V.C.
Sta 7+29.28
P.V.I.
Elev. = 78.70
39.10' V.C.
Sta 7+84.90-PRC +0.509%
-0.521%
-0.584%
-0.642%
-0.826%
-0.521%
-0.737%
+0.510%
+0.600%

MAYWOOD
PATTIE
ELLIS
RIVENDALE ADDITION
Match Line
Match Line

BL Sta 0+00 = ℄ Maywood

Sta 3+11.88, Begin construction of 5" A.C. pvmt. W/5" reinf. rock base and 4' sidewalk.

Sta 3+09.88, 4' Lt. & Rt. Install type 1 barricade w/ E.O.R. marker relocated from Sta 6+32.08, Pattie as shown. (See detail, sheet 4.)

Install end-of-road hay bale sediment barriers. See detail, sheet 15.

Valve Box Elev. = 81.30

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

Construct 4' wide sidewalk

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

Construct std. type 1A inlet hookups & inlet sediment barriers. (See detail, sheet 17)

Adjust inlet top to match proposed grade. To be bid as "Inlet Adjustment".

Sta 6+06.00, 35' Rt. Install std. D3 (SNS) ass'y as per City specs. "Pattie" & "Ellis".

Valve Box Elev. = 79.80

Adjust inlet top to match proposed grade, both sides. To be bid as "Inlet Adjustment".

Manhole Top Elev. = 79.50

Construct std. type 1A inlet hookups & inlet sediment barriers, both sides (See detail, sheet 17)

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

Sta 6+32.08, 33' Rt. Remove type 1 barricade w/ E.O.R. marker and relocate to Sta 3+09.88, Pattie as shown.

Remove end-of-road hay bale sediment barriers.

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

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.

Subdivision Bench Marks

Street & Station	Location Description	Elevation
Pattie Ct. 3+54.24, 14.25' Lt.	Adjacent to Fire Hydrant at the Southeast corner of Lot 43, Block B	
Mona Cir. 3+05.54, 14.25' Rt.	Adjacent to Fire Hydrant at the Northeast corner of Lot 44, Block B	
Victoria Ct. 0+37.00, 14.25' Rt.	Adjacent to Fire Hydrant at the Northwest corner of Lot 25, Block C	

Baughman

RIVENDALE ADDITION - PHASE II
PATTIE
STA 3+11.88 TO STA 7+84.90

Baughman Company, P.A. 315 E. Elm St. Wichita, KS 67211 P 316.262.2221 F 316.262.0949
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-83667
REVISIONS
DESIGN MS
DRAWN TMS
APPROVED
DATE 02/05
SCALE Noted
SHEET **6** OF **28**

Rivendale/Phase2/Str1 05-01-E138