BENCHMARKS:
BM #1: COW BM at the SW corner of Pawnee Ave. and Maize Road.
Elev. = 135.15 (City Datum)

BM #2: "□" in top of curb on the north side of Yosemite, 65' east of Maize Road.
Elev. = 143.67 (City Datum)

BM #3: COW BM at Shefford on the south side of Pawnee Ave.
Elev. = 145.53 (City Datum)

Scale: 1" = 20'
• = Iron

P.V.I.
Elev. = 142.30
50' V.C.

Sta 3+76.58–PC
Sta 4+50.67–PT
Sta 6+00.00
Sta 6+72.10–PC
Sta 7+28.41
Sta 7+54.15
= ℄ Westgate
Sta 7+79.90
Sta 7+97.76–PT

−0.535%
+0.784%
−0.508%
+0.763%
+1.162%
−0.704%
+0.923%
−0.447%

Sta 7+28.41, 17.25' Lt. Install subdivision benchmark (Flat Survey Marker No. 8134–08 3" top diameter) in top of curb. Cost shall be incidental to L.F. Curb & Gutter.

Valve Box Elev. = 143.60

Valve Box Elev. = 143.70

Construct Std. Wheelchair Ramp.

Construct 7" Reinforced Concrete Valley Gutter Pavement on 5" Reinforced Rock Base with monolithic curb (3–5/8")

Construct 4' Wide Sidewalk

Construct std. type 1A inlet hookups & inlet sediment barriers, both sides (See detail, sheet 23)

Proposed 4' Walk

Match Point

SOUTHERN RIDGE ADDITION

WESTGATE

WESTGATE CT.

Curve #9

Curve #10

Proposed Pvm't

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

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

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

Manhole Rim Elev. = 144.00

Manhole Rim Elev. = 143.50

Manhole Rim Elev. = 142.80

Iron @ BL Sta 7+30.97

Sta 7+74.00, 32' Lt. Install Std. D3 (SNS) Ass'y as per City specs. "Westgate" & Metro SNS "Westgate Ct (2410–2478)". (See detail sheet 3)

P.V.I.
Elev. = 144.00
68.68' V.C.

P.V.I.
Elev. = 142.85
No V.C.

Curve #9
Curve Data Based on Centerline
Rad. = 100' Delta = 42° 27'00" Tangent = 38.84'
Arc = 74.09' L.C. = 72.41' Def/Ft. =17.18856 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
3+76.58	–	–	–	0°00'00"	0°00'00"
4+00.00	23.42'	17.52'	29.21'	6°42'33"	6°42'33"
4+25.00	25.00'	18.70'	31.17'	7°09'43"	13°52'16"
4+50.67	25.67'	19.20'	32.00'	7°21'14"	21°13'30"

Curve #10
Curve Data Based on Centerline
Rad. = 80' Delta = 90°00'00" Tangent = 80.00'
Arc = 125.66' L.C. = 113.14' Def/Ft. =21.48655 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
6+72.10	–	–	–	0°00'00"	0°00'00"
6+75.00	2.90'	1.99'	3.81'	1°02'18"	1°02'18"
7+00.00	25.00'	17.12'	32.68'	8°57'10"	9°59'28"
7+25.00	25.00'	17.12'	32.68'	8°57'10"	18°56'38"
7+28.41	3.41'	2.34'	4.48'	1°13'16"	20°09'54"
7+50.00	21.59'	14.80'	28.25'	7°43'54"	27°53'48"
7+54.15	4.15'	2.85'	5.45'	1°29'10"	29°22'58"
7+75.00	20.85'	14.29'	27.29'	7°27'59"	36°50'58"
7+79.90	4.90'	3.37'	6.43'	1°45'17"	38°36'15"
7+97.76	17.86'	12.25'	23.39'	6°23'45"	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.

As Built 3/26/04 KF

SOUTHERN RIDGE ADDITION
WESTGATE
STA 3+76.58 TO STA 7+97.76

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

PROJECT NUMBER 472-83881

DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
NBW	TMS		05/03	Noted	11 OF 48

02-1-E464
SRidge/St6