BENCHMARKS:
Oliver and 45th St. N. – Top of Brass Plate on SW Corner of R.C.B.C. East of Intersection. ELEV. = 1,398.88 NGVD (211.48 City Datum)

60d Nail In H.L.P., 33' S. of the NW Corner of Gov't. Lot 1 in the NE1/4 of Sec. 26, TWP. 26–S, R–1–E of the 6th P.M. Elev. = 1377.19 NGVD (189.79 City Datum)

SCALE: 1" = 20'
• = Iron

Contractor to Coordinate Construction of Intersection of Willow Point and Falcon with Adjacent Paving Project.

EAGLES LANDING AT NORTH
OLIVER 2ND ADDITION – PHASE III

P.V.I. Elev. = 206.30 NO V.C.
Sta. 2+09.77–PT
P.V.I. Elev. = 208.70 NO V.C.
Sta. 4+59.40–PC
P.V.I. Elev. = 210.20 44.5' V.C.
Sta. 5+77.86
Sta. 6+96.31
Sta. 7+34.88 = ℄ Willow Point
Sta 6+96.31, End construction of 5" A.C. Pvmt. W/5" Reinf. Rock Base and 4' Sidewalk.
Sta. 7+02.88–PT
Iron @ Sta. 7+02.88
Valve Box Elev. = 208.75
Transition from 1/2 crown to full crown in 10'.
WILLOW POINT
Future Asphalt Pavement
Prop. 8" Wtr.
Ex. 8" Wtr.
Ex. 8" SS
18" SWS
17' CL–Fc
32' CL–R/W
+0.961%
+0.506%
+1.422%
-0.664%
-0.533%
+1.141%
+0.713%
+0.513%
-0.523%
Valve Box Elev. = 206.00
10' Util. Esm't
Const. Roll–Type Curb & Gutter (3–5/8"). (Both sides)
Curve #1
Curve #2
Curve #3
Curve #4
Curve #5
Curve #6
Curve #7
Prop. 4' Walk
Const. 4' Wide Concrete Sidewalk (4").
Const. 5" A.C. Pavement w/5" Reinf. Rock Base.
Const. Std. Type 1A Inlet Hook–Ups. (Both sides)
Const. Sediment Barriers. (Both sides) (See Detail, Sheet 6)
20' Drng. & Util. Esm't.
15' UTIL. ESM'T
10' Util. Esm't
20' Util. Esm't
Ex. 30" SWS
Ex. 18" SWS
Ex. 8" SS
Sta. 0+00 Match Line
Sta. 0+52.65–PC
Sta. 2+09.77–PT
P.V.I. Elev. = 205.10 30' V.C.
Sta. 4+59.40–PC
Sta. 5+77.86
P.V.I. Elev. = 210.20 55.5' V.C.
EAGLES LANDING AT NORTH
OLIVER 2ND ADDITION – PHASE III
FALCON
Lots 1–14, Block A
Lots 1–11, Block B

Curve #2
Curve Data Based on Centerline
Rad. = 155' Delta = 90°0'0" Tangent = 155.00'
Arc = 243.48' L.C. = 219.20' Def/Ft. = 11.08921 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
4+59.40	--	--	--	0°0'0"	0°0'0"
4+75.00	15.60'	13.08'	18.11'	2°53'09"	2°53'09"
5+00.00	25.00'	20.94'	29.00'	4°37'14"	7°30'13"
5+25.00	25.00'	20.94'	29.00'	4°37'14"	12°07'27"
5+50.00	25.00'	20.94'	29.00'	4°37'14"	16°44'41"
5+75.00	25.00'	20.94'	29.00'	4°37'14"	21°21'55"
5+77.86	2.86'	2.40'	3.32'	0°31'43"	21°53'38"
6+00.00	22.14'	18.55'	25.69'	4°05'31"	25°59'09"
6+25.00	25.00'	20.94'	29.00'	4°37'14"	30°36'22"
6+50.00	25.00'	20.94'	29.00'	4°37'14"	35°13'36"
6+75.00	25.00'	20.94'	29.00'	4°37'14"	39°50'50"
6+96.31	21.31'	17.86'	24.73'	3°56'19"	43°47'09"
7+00.00	3.69'	3.09'	4.28'	0°40'55"	44°28'04"
7+02.88	2.88'	2.42'	3.34'	0°31'56"	45°00'00"

Curve #1
Curve Data Based on Centerline
Rad. = 100' Delta = 90° 01' 23" Tangent = 100.04'
Arc = 157.12' L.C. = 141.45' Def/Ft. = 17.18872

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8" Rt.	Defl.	T. Defl.
0+52.65	--	--	--	0°00'00"	0°00'00"
0+75.00	22.35'	27.88'	16.73'	6°24'10"	6°24'10"
1+00.00	25.00'	31.17'	18.70'	7°09'43"	13°33'53"
1+25.00	25.00'	31.17'	18.70'	7°09'43"	20°43'36"
1+50.00	25.00'	31.17'	18.70'	7°09'43"	27°53'19"
1+75.00	25.00'	31.17'	18.70'	7°09'43"	35°03'02"
2+00.00	25.00'	31.17'	18.70'	7°09'43"	42°12'45"
2+09.77	9.77'	12.21'	7.32'	2°47'57"	45°00'42"

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.

EAGLES LANDING AT NORTH OLIVER 2ND ADDITION - PHASE III
FALCON
STA. 0+00 to STA. 8+98.31

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

PROJECT NUMBER 472-83488 | SHEET 6 OF 22

DESIGN	DRAWN	APPROVED	DATE	SCALE
BLP/AEG	MKT/GNX		02/03	NOTED

Engineering\Proj\Str\ 02-03-E266