

BENCHMARKS:
Oliver and 45th St. N. - Top of
Brass Plate on SW Corner of
R.C.B.C. East of Intersection.
ELEV. = 1398.88 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)

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

SCALE: 1" = 20'
• = Iron

Sta. 7+34.88
= Willow Point
Sta. 6+96.31, End construction
of 5" A.C. Pmnt. w/5" Reinf.
Rock Base and 4' Sidewalk.

EAGLES LANDING AT NORTH
OLIVER 2ND ADDITION - PHASE III

P.V.I.
Elev. = 208.70
NO V.C.

P.V.I.
Elev. = 206.30
NO V.C.

P.V.I.
Elev. = 210.20
55.5' V.C.

Curve #2
Curve Data Based on Centerline
Rad. = 155' Delta = 90°01'23" Tangent = 155.00'
Arc = 243.48' L.C. = 219.20' Def/Ft. = 11.08921 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
4+59.40	-	-	-	0°00'00"	0°00'00"
4+75.00	15.60'	13.08'	18.11'	2°53'00"	2°53'00"
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		Defl.	T. Defl.
		8' Lt.	8' Rt.		
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.
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318-282-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-83468

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

SHEET
6
OF
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