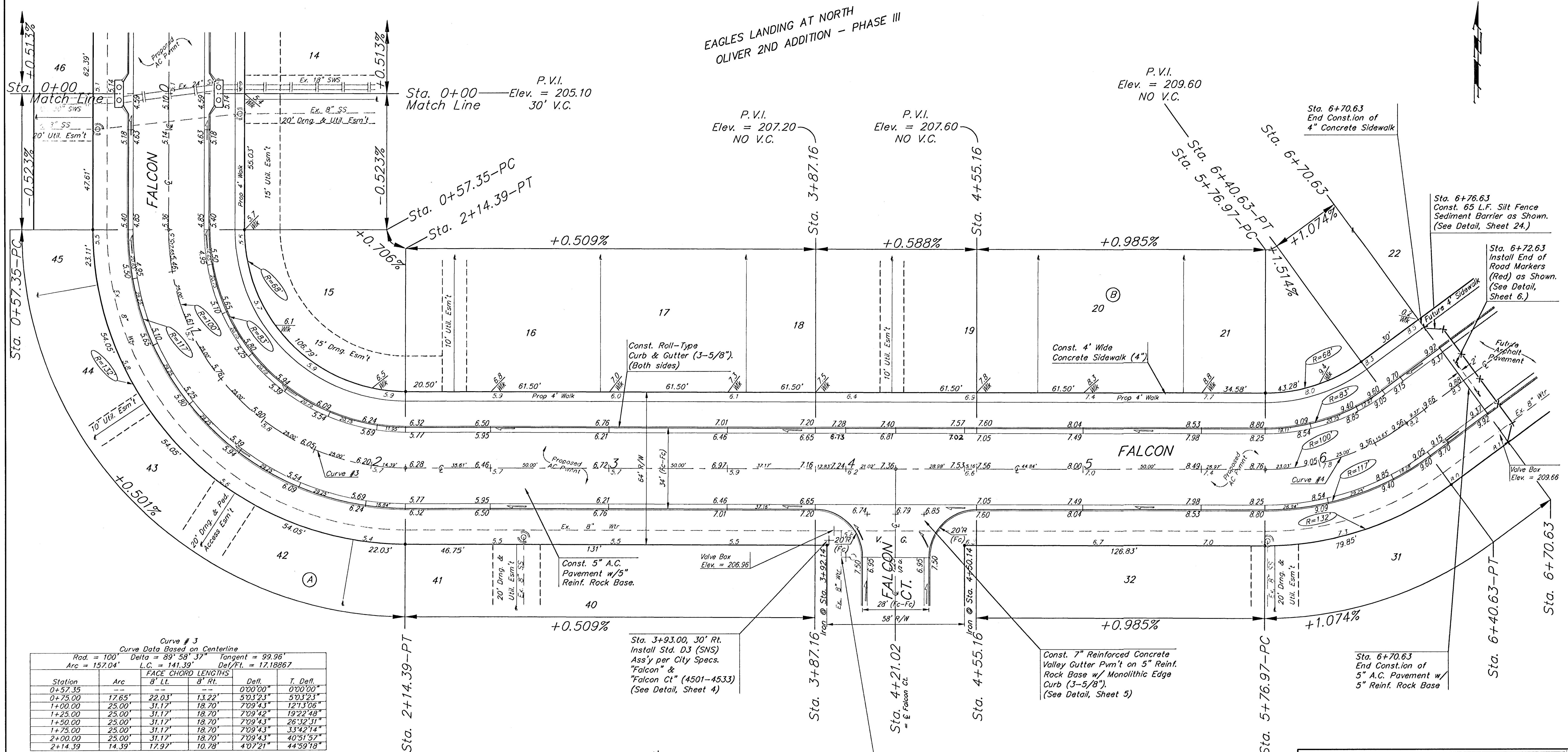


**BENCHMARKS:**  
 Oliver and 45th St. N. - Top of Brass Plate on SW Corner of R.C.B.C. East of Intersection. ELEV. = 1398.88 NGVD (211.48 City Datum)  
 60d Nail in H.L.P., 33' S. of the NW Corner of Gov't. Lot 1 in the NE1/4 of Sec. 26, TWP. 26-S, R-1-E of the 6th P.M. Elev. = 1377.19 NGVD (189.79 City Datum)

SCALE: 1" = 20'  
 • = Iron

EAGLES LANDING AT NORTH OLIVER 2ND ADDITION - PHASE III



Curve # 3  
 Curve Data Based on Centerline  
 Rad. = 100' Delta = 89° 58' 37" Tangent = 99.96'  
 Arc = 157.04' L.C. = 141.39' Def/Fl. = 17.18867

| Station | Arc    | FACE CHORD LENGTHS |        | Defl.    | T. Defl.  |
|---------|--------|--------------------|--------|----------|-----------|
|         |        | 8' Lt.             | 8' Rt. |          |           |
| 0+57.35 | 17.85' | 22.03'             | 13.72' | 0°00'00" | 0°00'00"  |
| 0+75.00 | 25.00' | 31.17'             | 18.70' | 5°03'23" | 5°03'23"  |
| 1+00.00 | 25.00' | 31.17'             | 18.70' | 7°09'43" | 12°13'06" |
| 1+25.00 | 25.00' | 31.17'             | 18.70' | 7°09'43" | 19°22'48" |
| 1+50.00 | 25.00' | 31.17'             | 18.70' | 7°09'43" | 26°32'31" |
| 1+75.00 | 25.00' | 31.17'             | 18.70' | 7°09'43" | 33°42'14" |
| 2+00.00 | 25.00' | 31.17'             | 18.70' | 7°09'43" | 40°51'57" |
| 2+14.39 | 14.39' | 17.97'             | 10.78' | 4°07'21" | 44°59'18" |

Curve # 4  
 Curve Data Based on Centerline  
 Rad. = 100' Delta = 36° 29' 11" Tangent = 32.95'  
 Arc = 63.66' L.C. = 62.58' Def/Fl. = 17.18649

| Station | Arc    | FACE CHORD LENGTHS |        | Defl.    | T. Defl.  |
|---------|--------|--------------------|--------|----------|-----------|
|         |        | 8' Lt.             | 8' Rt. |          |           |
| 5+76.97 | 15.63' | 11.71'             | 19.51' | 4°28'38" | 18°14'06" |
| 6+00.00 | 23.03' | 17.23'             | 28.72' | 6°35'48" | 6°35'48"  |
| 6+25.00 | 25.00' | 18.70'             | 31.16' | 7°09'40" | 13°45'28" |
| 6+40.63 | 15.63' | 11.71'             | 19.51' | 4°28'38" | 18°14'06" |

Sta. 3+93.00, 30' Rt. Install Std. D3 (SNS) Ass'y per City Specs. "Falcon" & "Falcon Ct" (4501-4533) (See Detail, Sheet 4)

Const. 7" Reinforced Concrete Valley Gutter Pvm't on 5" Reinf. Rock Base w/ Monolithic Edge Curb (3-5/8"). (See Detail, Sheet 5)

Sta. 6+70.63 End Const.ion of 5" A.C. Pavement w/ 5" Reinf. Rock Base

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. 6+70.63

**BAUGHMAN COMPANY P.A.**  
 ENGINEERING, SURVEYING, & PLANNING  
 318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER: 472-83488 SHEET: 7 OF 22

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