

| WATER VALVE BOX ELEVATIONS |          |           |                    |
|----------------------------|----------|-----------|--------------------|
| STREET                     | STATION  | OFFSET    | PROPOSED ELEVATION |
| WILD ROSE COURT            | 42+45.94 | 39.5' RT. | 145.3              |

# 5' TRANSITION FROM COMBINED CURB AND GUTTER  
(6 5/8" & 1 1/2") TO COMBINED CURB AND GUTTER  
(3 5/8" ROLL & 1 1/2"), TO BE BID AND  
PAID FOR AS \*COMBINED CURB AND GUTTER  
(3 5/8" ROLL & 1 1/2")\*.

# 7" ASPHALTIC CONCRETE PAVEMENT (5"BIT. BASE)  
FOR ALTERNATE 2 PAVEMENT

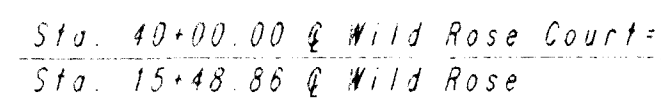
FOREST LAKES  
PHASE NO. 7

**WILD ROSE COURT**

STA. 40+00.00 TO STA. 42+45.94

**PROFESSIONAL ENGINEERING CONSULTANTS, P.A.**  
ENGINEERS  
WICHITA, KANSAS

|                    |          |               |               |
|--------------------|----------|---------------|---------------|
| Designed by<br>DEP | WWR, GDD | Checked by    | Job No. 93694 |
| Drawn by           |          | Date FEB 1994 |               |



| Q CURVE DATA                 |              |                  |            |                         |                        |                  |                    |               |  |
|------------------------------|--------------|------------------|------------|-------------------------|------------------------|------------------|--------------------|---------------|--|
| Δ=38°00'00"                  |              | D=24'48'12"      |            | R=231'00"               |                        | T=153'21"        |                    | T+Q=54'43'33" |  |
| CURVE DATA BASED ON Q RADIUS |              |                  |            |                         |                        | Δ/2=19°00'00"    |                    |               |  |
| Q STATION                    | Q ARC LENGTH | FACE CURB LENGTH |            | CHORD LENGTH            |                        | DEFLECTION ANGLE | Q TOTAL DEFLECTION |               |  |
|                              |              | LEFT CURB        | RIGHT CURB | 8' OFF SET FACE CURB    | 8' OFF R/OID FACE CURB |                  |                    |               |  |
| 43+52                        |              |                  |            |                         |                        | 0°00'00"         | 0°00'00"           |               |  |
| 40+75                        | 23.00        | 21.52            | 24.38      | 20.80                   | 25.18                  | 21°31'58"        | 21°31'58"          |               |  |
| 41+00                        | 25.00        | 23.48            | 26.52      | 22.61                   | 27.37                  | 32°06'01"        | 57°09'09"          |               |  |
| 41+25                        | 25.00        | 23.48            | 26.52      | 22.61                   | 27.37                  | 32°06'01"        | 89°03'11"          |               |  |
| 41+50                        | 25.00        | 23.48            | 26.52      | 22.61                   | 27.37                  | 32°06'01"        | 121°09'12"         |               |  |
| 41+75                        | 25.00        | 23.48            | 26.52      | 22.61                   | 27.37                  | 32°06'01"        | 153°15'13"         |               |  |
| 42+00                        | 25.00        | 23.48            | 26.52      | 22.61                   | 27.37                  | 32°06'01"        | 185°21'14"         |               |  |
| 42+25                        | 2.28         | 2.16             | 2.40       | 2.37                    | 2.51                   | 31°07'02"        | 189°38'16"         |               |  |
| 42+03.02                     | 0.75         | 0.77             | 0.77       | 0.64                    | 0.80                   | 0°05'26"         | 189°43'42"         |               |  |
| 42+05.21                     | 2.19         |                  |            | 2.40                    | 2.40                   | 0°16'18"         | 189°00'00"         |               |  |
| TOTAL                        | 153.21       | 141.18           | 160.17     | Def / T = 7.440768 m.m. |                        |                  |                    |               |  |

NOTE: THIS STREET TO BE CONSTRUCTED WITH  
ROLL-TYPE CURB. TOP OF CURB ELEVATIONS  
GIVEN ARE FOR FULL HEIGHT CURB.

|                       |    |      |
|-----------------------|----|------|
| PLAN                  | 81 | DATE |
| NOTE BOOK PLOTTED     |    |      |
| NO. ALIGNMENT CHECKED |    |      |
| RT OF WAY CHECKED     |    |      |

BOATING NAME 32-53694 WILD ROSE C140  
LOCATION 03 4356  
CENTER COORDINATES:  
POSITION ACQUISITION  
DATE LAST WORKED ON:  
BOATING GUNN