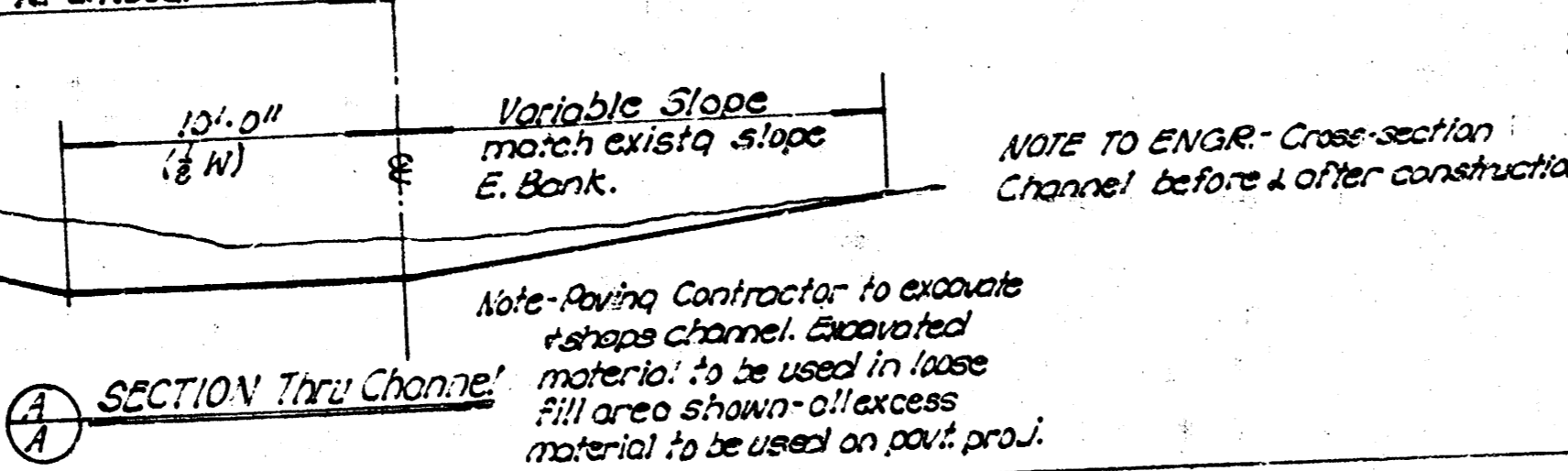
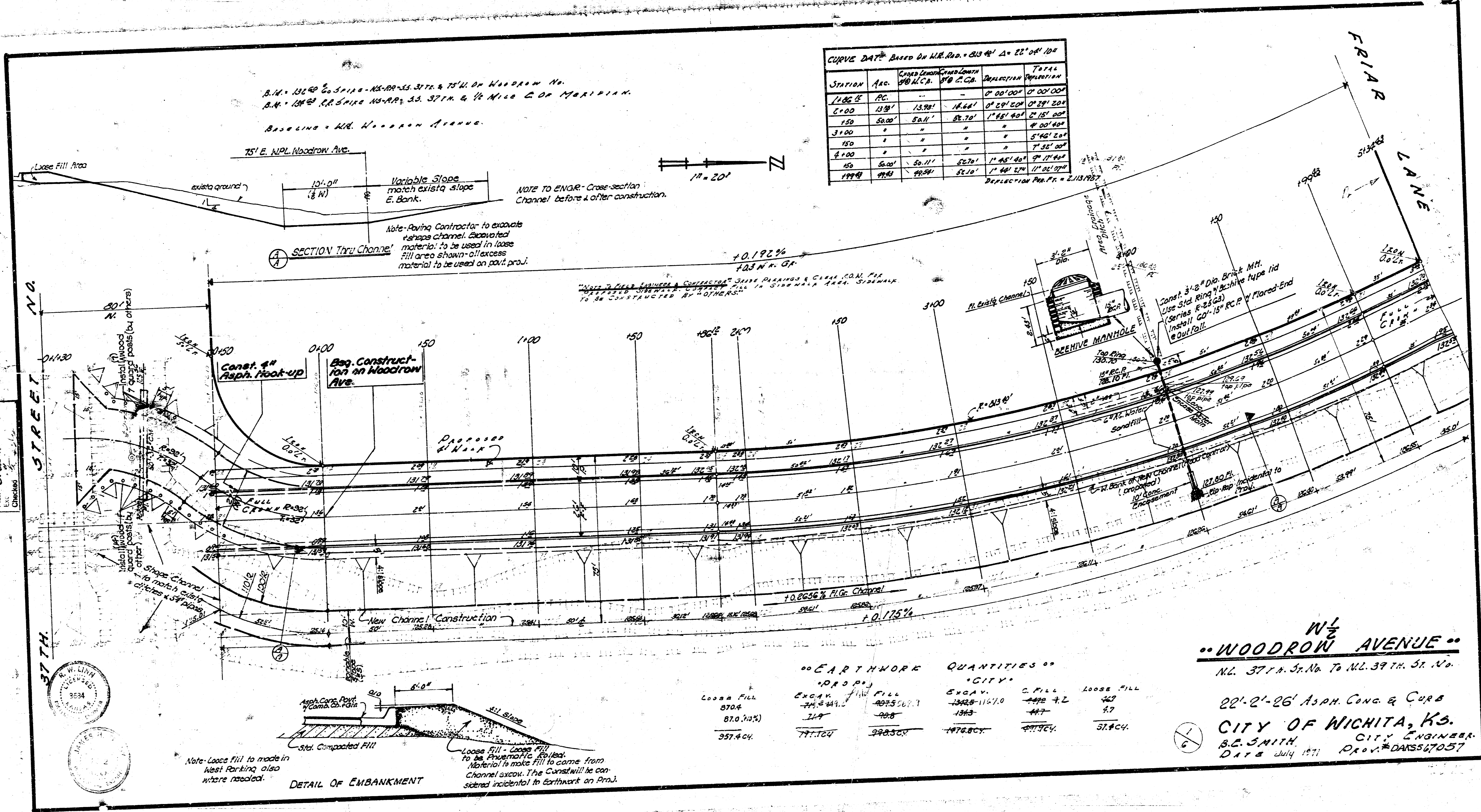


B.M. 13240 Co. Spike NS-AR-33.3774 & 75' W. of Woodrow Av.  
 B.M. 13442 Co. Spike NS-AR-33.3774 & 1/4 Mile E. of Meridian.  
 Baseline = N.W. Woodrow Avenue.

CURVE DATA Based on N.W. Rad. = 813' 4" Δ = 22° 04' 10"

| STATION | ARC    | CHORD  | CHORD BEARING | DEFLECTION  | TOTAL DEFLECTION |
|---------|--------|--------|---------------|-------------|------------------|
| 100+00  | 13.91' | 13.91' | 0° 00' 00"    | 0° 00' 00"  | 0° 00' 00"       |
| 150     | 50.00' | 50.00' | 82.70'        | 17° 48' 40" | 17° 48' 40"      |
| 3+00    | "      | "      | "             | "           | 35° 37' 20"      |
| 4+00    | "      | "      | "             | "           | 53° 26' 00"      |
| 450     | 50.00' | 50.00' | 82.70'        | 17° 48' 40" | 71° 14' 40"      |
| 199+81  | 99.81' | 99.81' | 82.70'        | 17° 48' 40" | 88° 63' 20"      |

DEFLECTION PER FT. = 2.113787

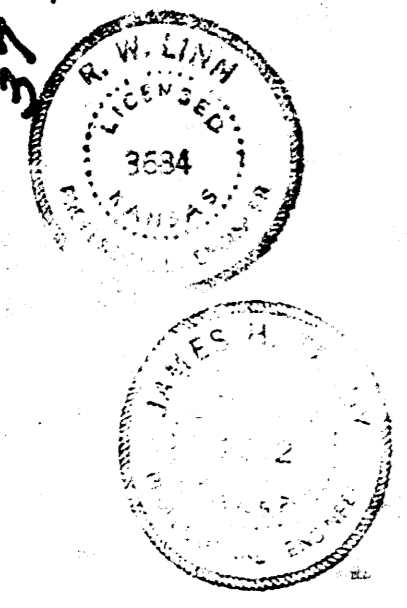


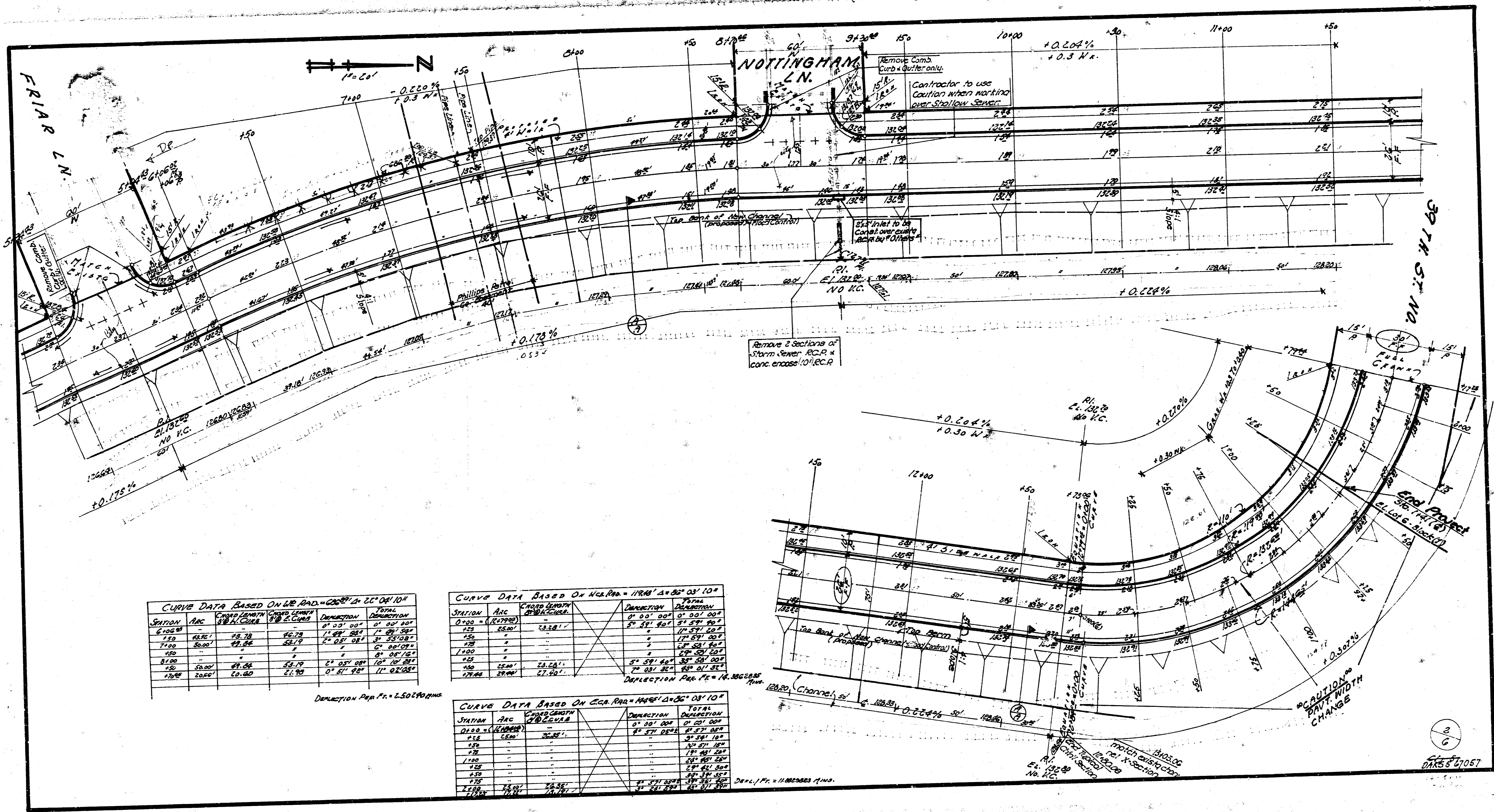
“EARTHWORK QUANTITIES”

| LOOSE FILL | EXCAV. | PROP. FILL | CITY       | C. FILL | LOOSE FILL |
|------------|--------|------------|------------|---------|------------|
| 870.4      | 74.844 | 1075.567   | 1368.11670 | 448.42  | 22         |
| 870.404    | 74.8   | 1075       | 1368       | 447     | 22         |
| 957.404    | 77.104 | 998.508    | 1476.804   | 447.004 | 31.404     |

W<sup>1</sup>/<sub>2</sub>  
 WOODROW AVENUE  
 N.W. 37th St. No. To N.W. 37th St. No.  
 22'-2'-26' ASPH. CONC. & CURB  
 CITY OF WICHITA, Ks.  
 B.E. SMITH, CITY ENGINEER  
 DATE July 1971 PROJ. # DAKSS47057

Surveyed by  
 B. E. Smith  
 City Engineer  
 Checked by  
 B. E. Smith  
 City Engineer





**CURVE DATA BASED ON LR RAD = 625' Δ = 22° 08' 10"**

| STATION | ARC    | CHORD  | CHORD BEARING | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------|---------------|------------|------------------|
| 6+00    | 18.00  | 18.00  | 0° 00' 00"    | 0° 00' 00" | 0° 00' 00"       |
| 7+00    | 36.00  | 35.82  | 1° 08' 08"    | 1° 08' 08" | 1° 08' 08"       |
| 8+00    | 54.00  | 53.47  | 2° 16' 16"    | 2° 16' 16" | 2° 16' 16"       |
| 9+00    | 72.00  | 71.64  | 3° 24' 24"    | 3° 24' 24" | 3° 24' 24"       |
| 10+00   | 90.00  | 89.80  | 4° 32' 32"    | 4° 32' 32" | 4° 32' 32"       |
| 11+00   | 108.00 | 107.26 | 5° 40' 40"    | 5° 40' 40" | 5° 40' 40"       |
| 12+00   | 126.00 | 125.12 | 6° 48' 48"    | 6° 48' 48" | 6° 48' 48"       |

DEFLECTION PER FT. = 2.507411111

**CURVE DATA BASED ON NR RAD = 1190' Δ = 20° 03' 10"**

| STATION | ARC    | CHORD  | CHORD BEARING | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------|---------------|------------|------------------|
| 0+00    | 0.00   | 0.00   | 0° 00' 00"    | 0° 00' 00" | 0° 00' 00"       |
| 1+00    | 18.00  | 17.81  | 0° 57' 08"    | 0° 57' 08" | 0° 57' 08"       |
| 2+00    | 36.00  | 35.62  | 1° 54' 16"    | 1° 54' 16" | 1° 54' 16"       |
| 3+00    | 54.00  | 53.43  | 2° 51' 24"    | 2° 51' 24" | 2° 51' 24"       |
| 4+00    | 72.00  | 71.24  | 3° 48' 32"    | 3° 48' 32" | 3° 48' 32"       |
| 5+00    | 90.00  | 89.05  | 4° 45' 40"    | 4° 45' 40" | 4° 45' 40"       |
| 6+00    | 108.00 | 106.86 | 5° 42' 48"    | 5° 42' 48" | 5° 42' 48"       |
| 7+00    | 126.00 | 124.67 | 6° 39' 56"    | 6° 39' 56" | 6° 39' 56"       |

DEFLECTION PER FT. = 16.302288

**CURVE DATA BASED ON EC RAD = 1445' Δ = 36° 08' 10"**

| STATION | ARC    | CHORD  | CHORD BEARING | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------|---------------|------------|------------------|
| 0+00    | 0.00   | 0.00   | 0° 00' 00"    | 0° 00' 00" | 0° 00' 00"       |
| 1+00    | 36.00  | 35.55  | 0° 57' 08"    | 0° 57' 08" | 0° 57' 08"       |
| 2+00    | 72.00  | 71.10  | 1° 54' 16"    | 1° 54' 16" | 1° 54' 16"       |
| 3+00    | 108.00 | 106.65 | 2° 51' 24"    | 2° 51' 24" | 2° 51' 24"       |
| 4+00    | 144.00 | 142.20 | 3° 48' 32"    | 3° 48' 32" | 3° 48' 32"       |
| 5+00    | 180.00 | 177.75 | 4° 45' 40"    | 4° 45' 40" | 4° 45' 40"       |
| 6+00    | 216.00 | 213.30 | 5° 42' 48"    | 5° 42' 48" | 5° 42' 48"       |
| 7+00    | 252.00 | 248.85 | 6° 39' 56"    | 6° 39' 56" | 6° 39' 56"       |

DEFLECTION PER FT. = 11.802288

2  
6  
DATE 5/7/07

