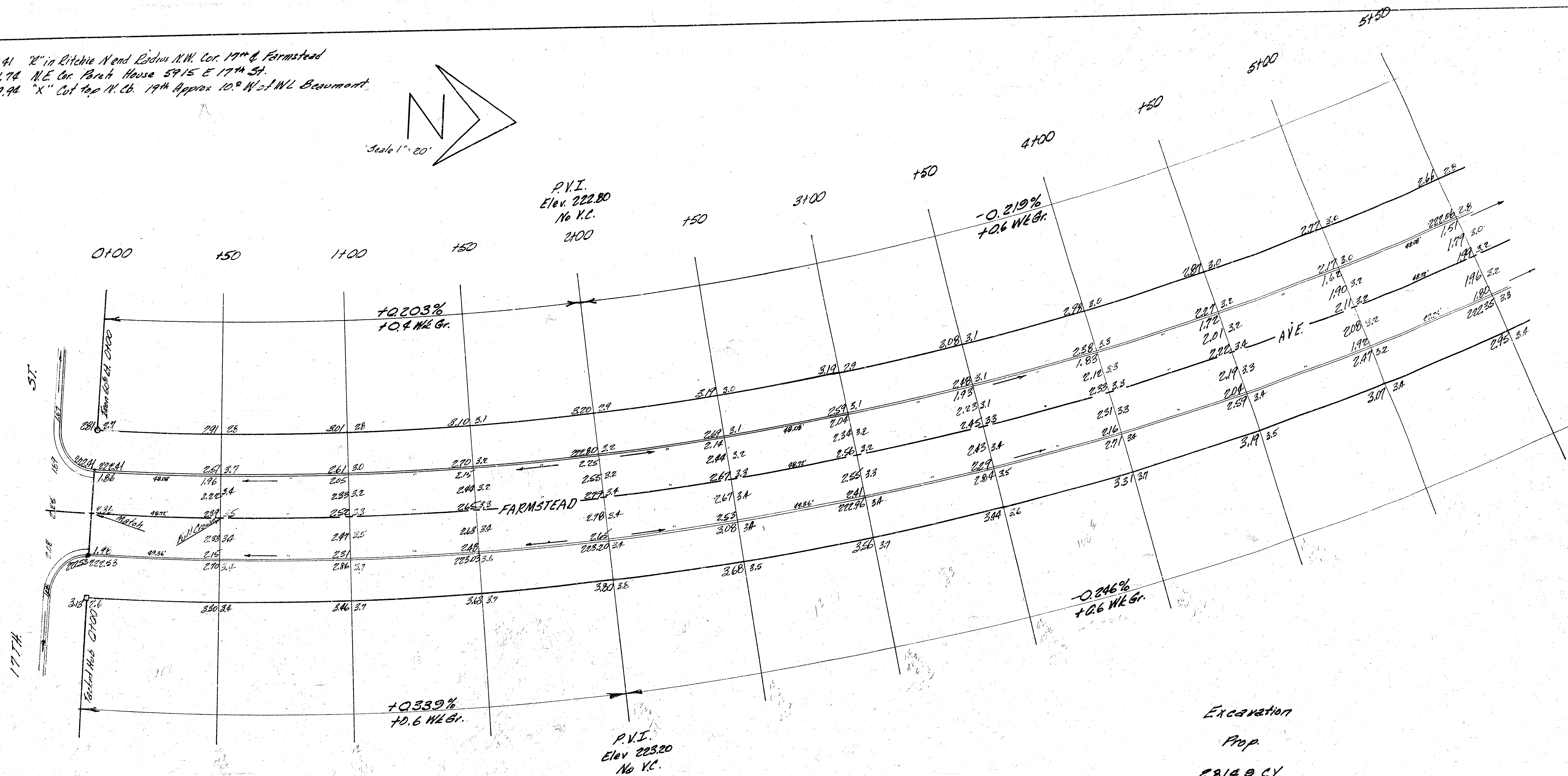
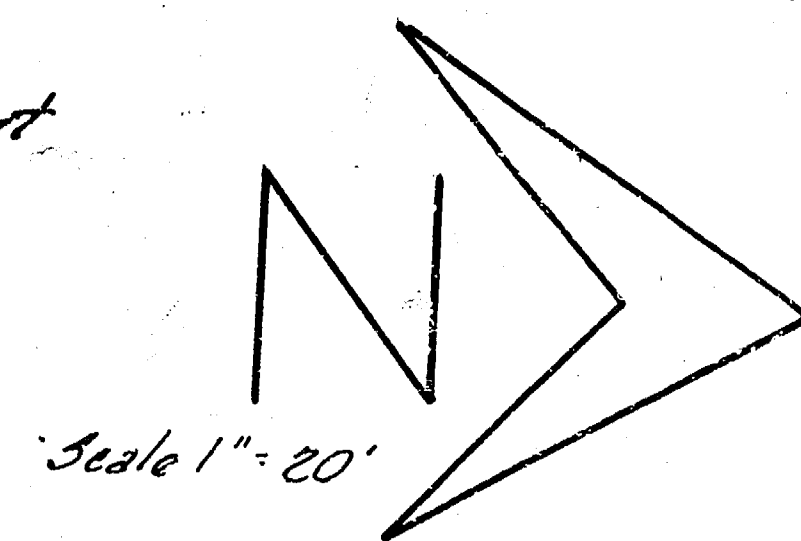


B.M. 222.41 "R" in Ritchie N end Rodrus N.W. Cor. 17th & Farmstead  
 B.M. 221.74 N.E. Cor. Park House 5915 E 17th St.  
 B.M. 219.94 "X" Cut top H. Co. 19th Approx 10.2 W of NW Beaumont



Curve Data on Sheet 3

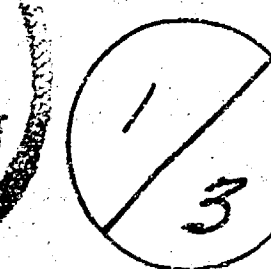
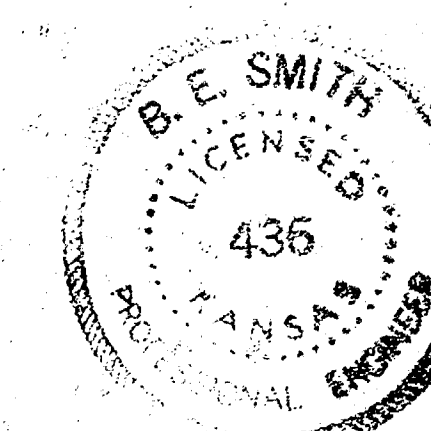
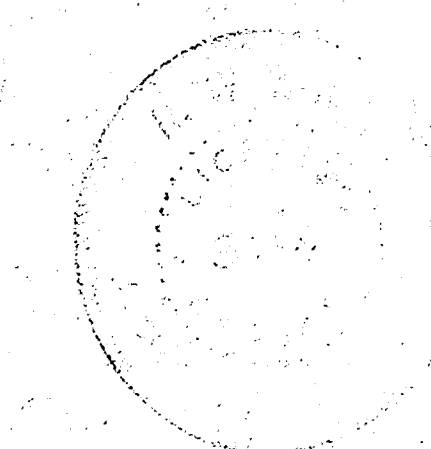
Excavation  
 Prop.

5,814.9 C.Y.  
 281.5 +10%  
 5,096.4 C.Y. Total

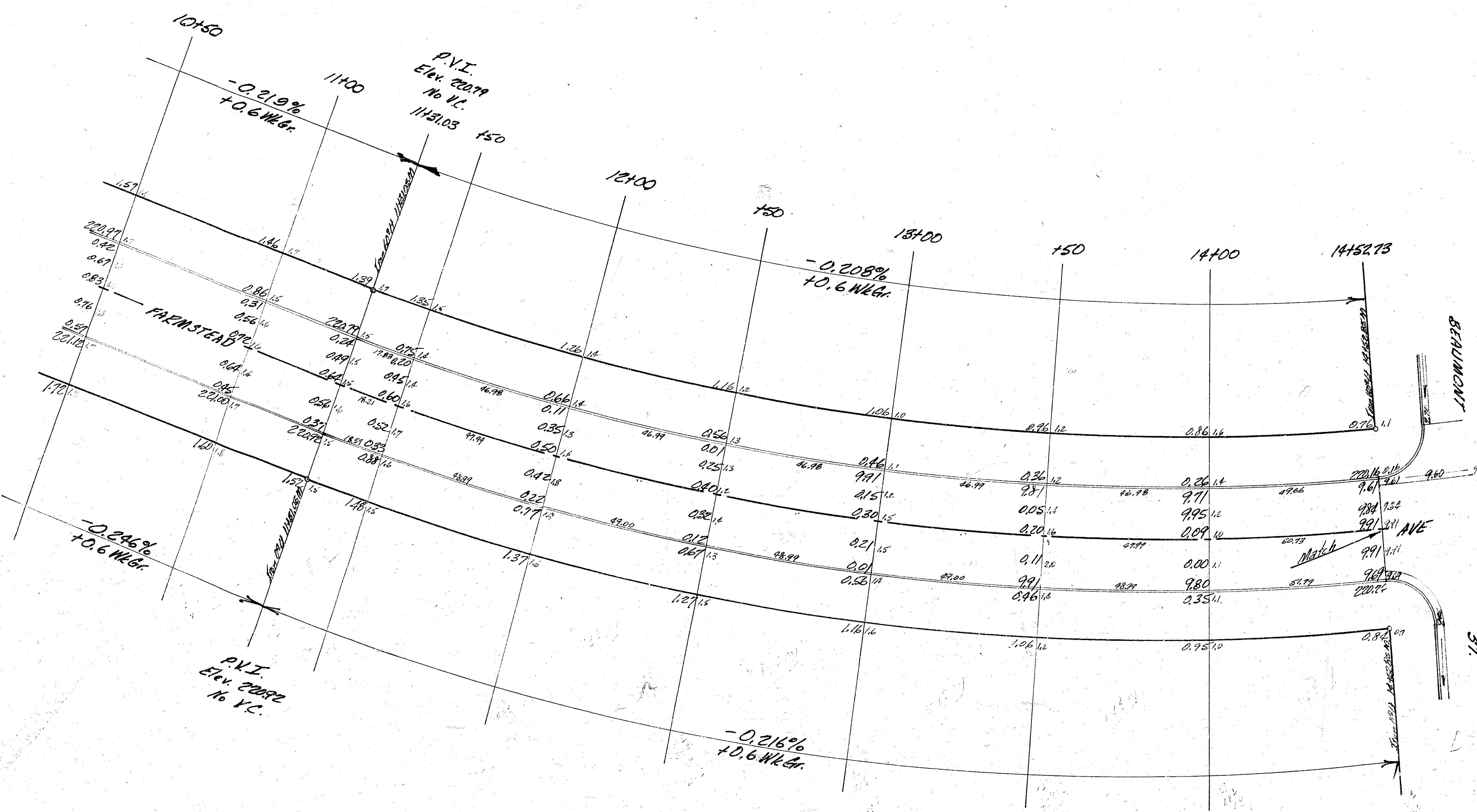
FARMSTEAD  
 N.L. 17TH. TO 32. BEA

30' CONC. & C

CITY OF WICHITA  
 B.E. SMITH CITY  
 DATE MAR. 1906 FROM







CURVE DATA BASED ONE P R=1171.94 Δ 28° 13' 12"

| Sta       | Arc | Chord S @ East Cb | Chord S @ West Cb | Deflection | Total Def's |
|-----------|-----|-------------------|-------------------|------------|-------------|
| P.C. 0+00 |     |                   |                   | 0° 00' 00" | 0° 00' 00"  |
| +50       | 50° | 49.70'            | 47.73'            | 1° 13' 20" | 1° 13' 20"  |
| +100      | "   | "                 | "                 | "          | 2° 26' 40"  |
| +150      | "   | "                 | "                 | "          | 3° 40' 00"  |
| +200      | "   | "                 | "                 | "          | 4° 53' 20"  |
| +250      | "   | "                 | "                 | "          | 6° 06' 40"  |
| +300      | "   | "                 | "                 | "          | 7° 20' 00"  |
| +350      | "   | "                 | "                 | "          | 8° 33' 20"  |
| +400      | "   | "                 | "                 | "          | 9° 46' 40"  |
| +450      | "   | "                 | "                 | "          | 11° 00' 00" |
| +500      | 50° | 49.70'            | 47.73'            | 1° 13' 20" | 12° 13' 20" |
| P.T. 5+00 |     | 27.06'            | 25.99'            | 0° 59' 56" | 13° 26' 40" |

1.46669 Min/1

CURVE DATA BASED ONE P R=746.35 Δ 24° 41' 46"

| Sta           | Arc | Chord S @ East Cb | Chord S @ West Cb | Deflection | Total Def's |
|---------------|-----|-------------------|-------------------|------------|-------------|
| P.C. 11+31.03 |     |                   |                   | 0° 00' 00" | 0° 00' 00"  |
| +50           | 50° | 18.91'            | 17.62'            | 0° 43' 41" | 0° 43' 41"  |
| +100          | 50° | 49.52'            | 46.94'            | 1° 55' 09" | 2° 38' 50"  |
| +150          | "   | "                 | "                 | "          | 4° 33' 59"  |
| +200          | "   | "                 | "                 | "          | 6° 29' 08"  |
| +250          | "   | "                 | "                 | "          | 8° 24' 17"  |
| +300          | 50° | 49.52'            | 46.94'            | 1° 55' 09" | 10° 19' 26" |
| P.T. 14+52.73 |     | 52.23'            | 48.98'            | 2° 01' 27" | 12° 20' 53" |

2.30304 Min/1