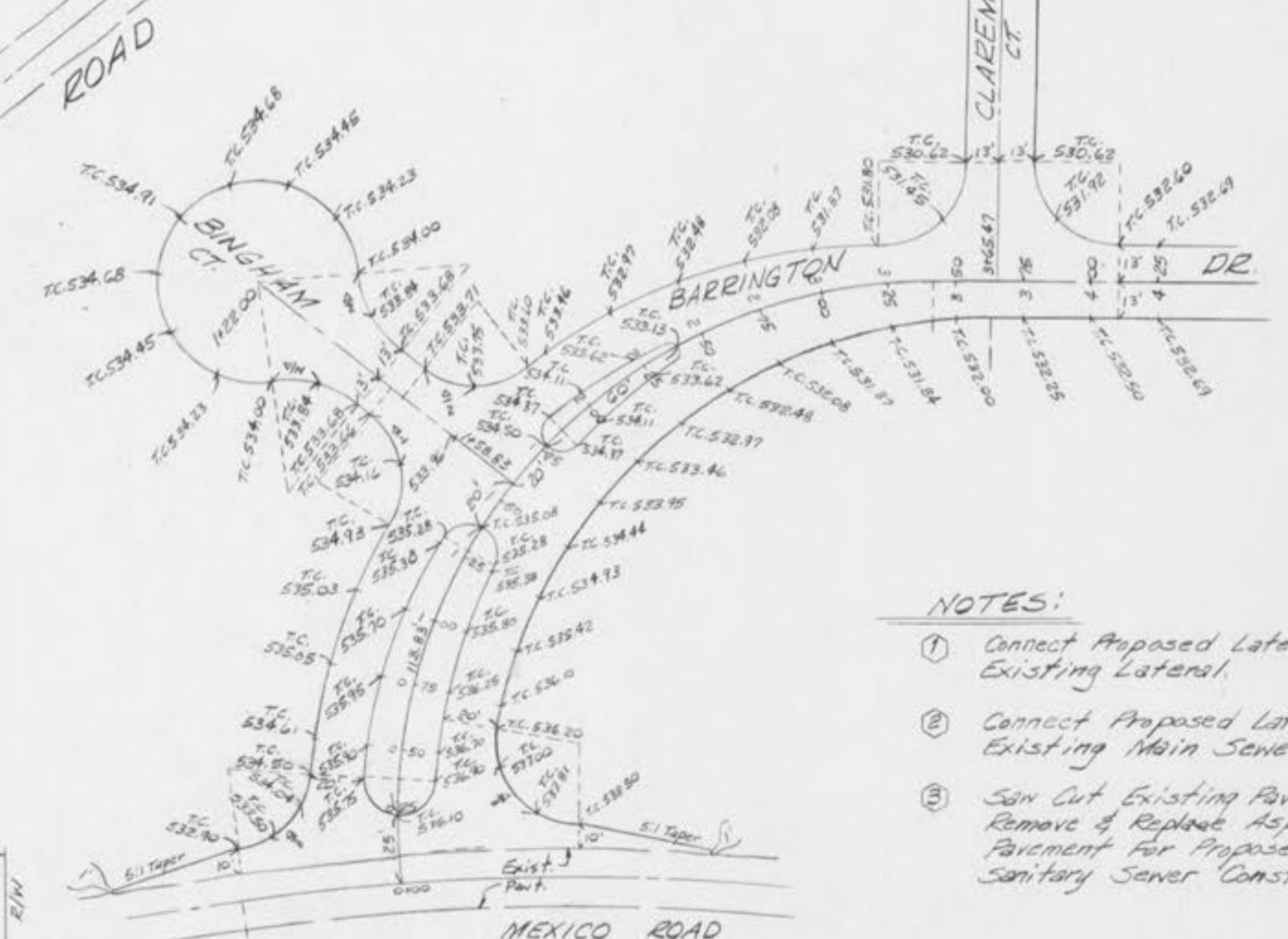
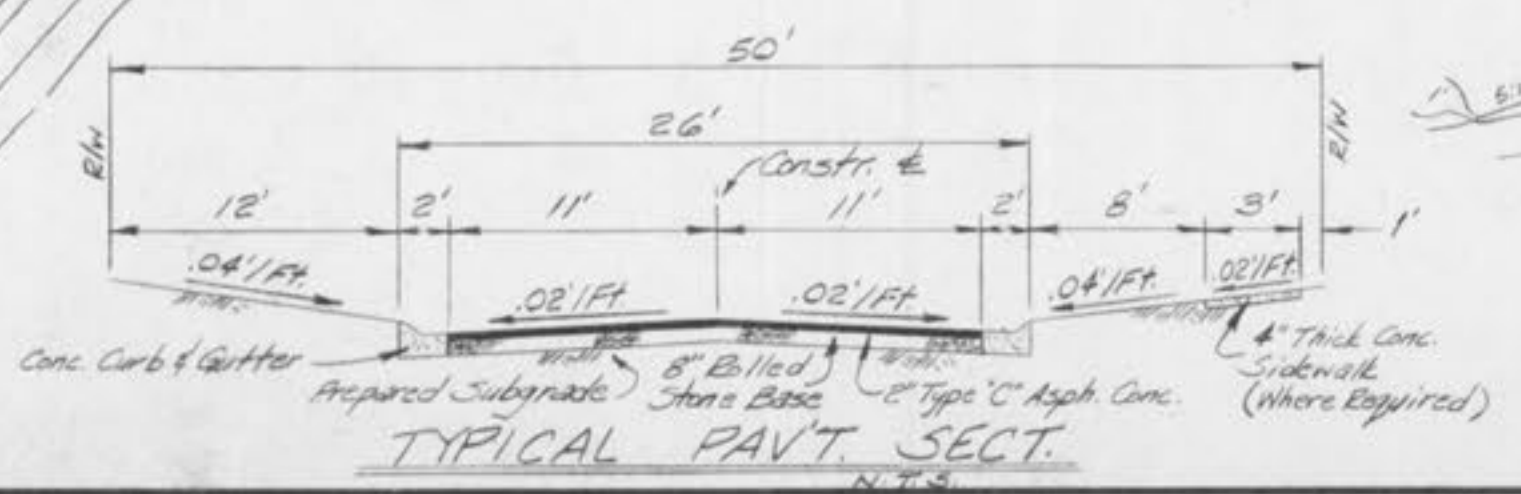


INTERSECT DETAIL
1" = 30'



ENTRANCE WARPING
1" = 50'



SECTION A-A
 1" = 10'
 Total Q @ Sect = 146.86 c.f.s.
 $Q = a \times 1.486 \times R^{2/3} \times S^{1/2}$
 $a = 29.7 \quad n = 0.35 \quad wp = 21.7$
 $R = \frac{29.7}{0.35} = 84.86$
 $S = 0.0098$
 $Q = 29.7 \times 1.486 \times 84.86^{2/3} \times 0.0098^{1/2}$
 $Q = 29.7 \times 42.457 \times 1.233 \times 0.09879$
 $Q = 153.91 \text{ c.f.s.}$

- NOTES:**
- 1 Connect Proposed Lateral To Existing Lateral.
 - 2 Connect Proposed Lateral To Existing Main Sewer.
 - 3 Saw Cut Existing Pavement, Remove & Replace Asphalt Pavement For Proposed Sanitary Sewer Construction.