



# TRAFFIC DIAGRAM

TRAFFIC DIAGRAM

FAYETTEVILLE RD  
(SR 1997)

31,594  
38,684

5,169  
7,749

Y-4  
LINKHAW RD  
(SR 1946)

7,135  
9,635

12,294  
17,374

FAYETTEVILLE RD  
(SR 1997)

33,550  
40,550

2025 ADT  
2045 ADT

| CURVE DATA -Y4-                       |                                       |
|---------------------------------------|---------------------------------------|
| <i>PI Sta 12+06.43</i>                | <i>PI Sta 13+82.37</i>                |
| $\Delta = 34^{\circ} 09' 29.7''$ (RT) | $\Delta = 14^{\circ} 41' 54.0''$ (LT) |
| <i>D = 15' 26' 37.0"</i>              | <i>D = 10' 44' 58.8"</i>              |
| <i>L = 221.18'</i>                    | <i>L = 136.73'</i>                    |
| <i>T = 113.99'</i>                    | <i>T = 68.74'</i>                     |
| <i>R = 371.00'</i>                    | <i>R = 533.00'</i>                    |
| <i>e = 3%</i>                         | <i>e = 4%</i>                         |
| <i>R<sub>0</sub> = 7.8'</i>           | <i>R<sub>0</sub> = 11.2'</i>          |

UPGRADED  
SIGNAL

SEE SHEET 2B-2 FOR INTERSECTION DETAILS  
SEE SHEET 2B-3 FOR RAILROAD DETAILS  
SEE SHEET 14 FOR -L- PROFILE  
SEE SHEET 18 FOR -Y4- PROFILE  
RETAIN EXISTING RIGHT OF WAY  
SEE SHEETS C3-1 THRU C3-17 FOR  
CULVERT PLANS