

Wooden Guard Rail Required  
 Left  
 Sta. 2+72 to 2+96 = 24 ft  
 " 4+88 " 5+12 = 24 "  
 " 12+53 " 12+82 = 29 "  
 Right  
 " 0+00 " 2+96 = 296 ft  
 " 4+88 " 13+00 = 812 "  
 Total this Street 1180 ft

New Culverts Required  
 2+84 14" Cur Iron 6 ft  
 Concrete 1-2 1/2-5  
 5+00 18" Cur Iron 30 ft  
 Concrete 1-3 1/2-5  
 12+70 18" Cur Iron 48 ft  
 Concrete 1-3 1/2-5

Sub base Required  
 2+75 to 13+00 = 1025

Old Curve  
 $\Delta = 19^{\circ}55'$   
 $D = 10^{\circ}00'$   
 $R = 573.0$   
 $T = 100.6$   
 $L = 199.2$   
 $E = 8.8$

New Curve  
 $\Delta = 18^{\circ}30'$  Approx  
 $D = 10^{\circ}00'$   
 $T = 93.3$   
 $L = 185$

$\Delta = 13^{\circ}44'$   
 $D = 5^{\circ}00'$   
 $T = 138.0$   
 $L = 274.7$   
 Pasture E = 8.3

PLAN  
 DRAWN BY  
 CHECKED BY  
 DATE  
 PROJECT NO.

PROFILE  
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