



CABLE GUARD RAIL REQUIRED
 165+55 DELIGHT +19
 STA 166+20 TO STA 167+00 LENGTH 80'
 TOTAL FOR SHEET 224'

WOOD GUARD RAIL REQUIRED
 ON LEFT
 STA 157+54 TO STA 157+78 LENGTH 24'
 " 163+78 TO " 163+78 " 24'
 ON RIGHT
 STA 157+54 TO STA 157+78 LENGTH 24'
 " 163+78 TO " 163+78 " 24'
 TOTAL FOR SHEET 72'

NEW CULVERTS REQUIRED
 STA 157+66 18" REIN. CONC. PIPE 36' LIN. FT.
 CONCRETE CLASS 5000 (21) 33' LIN. FT.
 REINFORCING STEEL 33' LIN. FT.
 STA 163+60 15" REIN. CONC. PIPE 36' LIN. FT.
 CONCRETE CLASS 5000 (1-22.5) 21' LIN. FT.
 REINFORCING STEEL 33' LIN. FT.

NO. 11	14	14	14	14
1935	1935	1935	1935	1935
7	7	7	7	7
10	10	10	10	10

Curve #21
 Δ = 2°41' L
 D = 8'
 T = 130.7'
 L = 250.5'
 E = 11.8'
 R = 716.3'

Curve #20
 Δ = 3°30' R
 D = 2'
 T = 87.5'
 L = 175.0'
 E = 1.3'
 R = 5665.0'

PT #19
 152+58.3 = 152+58.2

PT #21
 165+04.8 = 165+04.9

STA. 165+00
 PROJECT RESUMES

B.M. 17 36' L¹ 310 156+48 East cor. middle conc. slab Elev 616.25
 B.M. 18 45' L¹ 310 163+91 Spike in Root 30' Maple Elev 605.68

SERIES No. 650 (LAND-SCAPING)
 SHEET 7 OF 10
 SERIES No. 650
 SHEET 13 OF 12