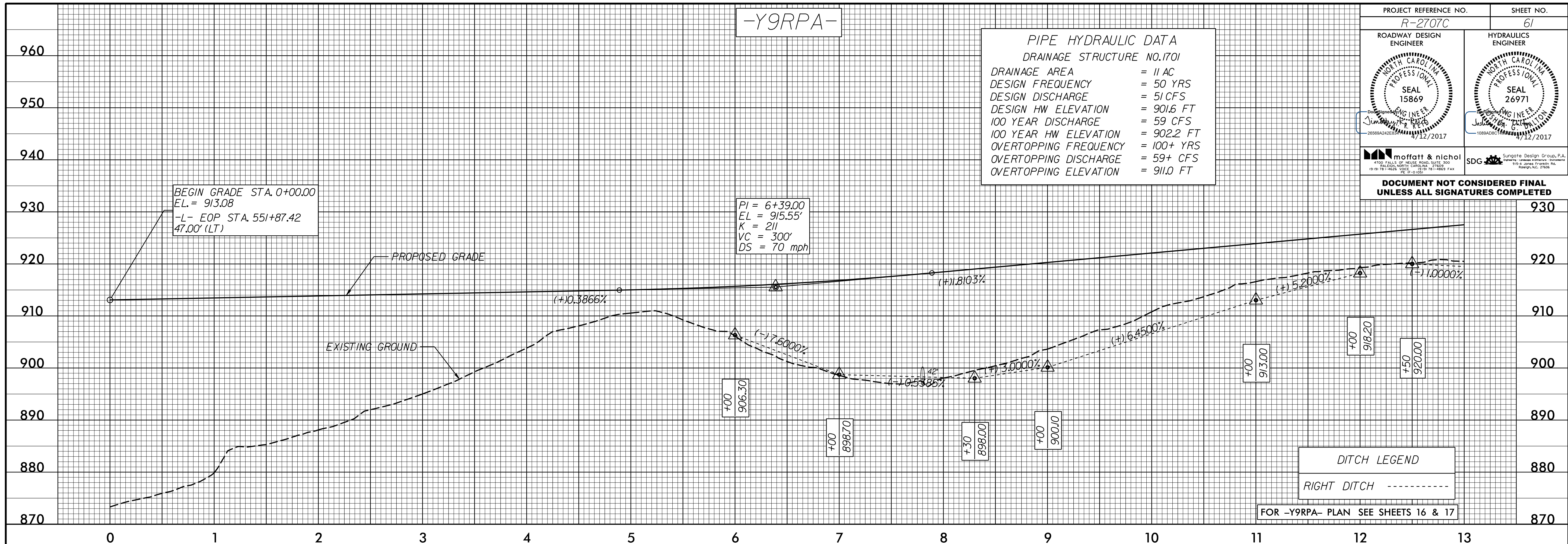


PROJECT REFERENCE NO. R-2707C	SHEET NO. 61
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.1701

DRAINAGE AREA = 11 AC
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 51 CFS
 DESIGN HW ELEVATION = 901.6 FT
 100 YEAR DISCHARGE = 59 CFS
 100 YEAR HW ELEVATION = 902.2 FT
 OVERTOPPING FREQUENCY = 100+ YRS
 OVERTOPPING DISCHARGE = 59+ CFS
 OVERTOPPING ELEVATION = 911.0 FT



-Y9RPA-

END GRADE STA. 20+93.98
 EL. = 941.89
 -Y9- EOP STA. 18+20.00
 32.00' (LT)

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.1632

DRAINAGE AREA = 35 AC
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 140 CFS
 DESIGN HW ELEVATION = 911.8 FT
 100 YEAR DISCHARGE = 160 CFS
 100 YEAR HW ELEVATION = 912.6 FT
 OVERTOPPING FREQUENCY = +100 YRS
 OVERTOPPING DISCHARGE = +160 CFS
 OVERTOPPING ELEVATION = 922.18 FT

