
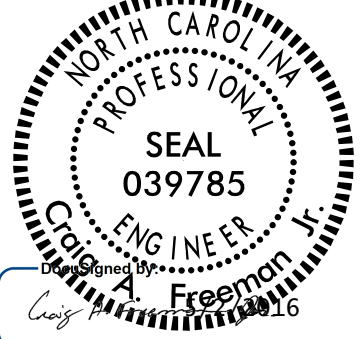


5/28/99

PROJECT REFERENCE NO. B-4490	SHEET NO. 22
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
PLANS PREPARED BY: <b>PARSONS BRINCKERHOFF</b> 434 FAYETTEVILLE STREET SUITE 1500 RALEIGH, NC 27601 LICENSE NO. E-0165	

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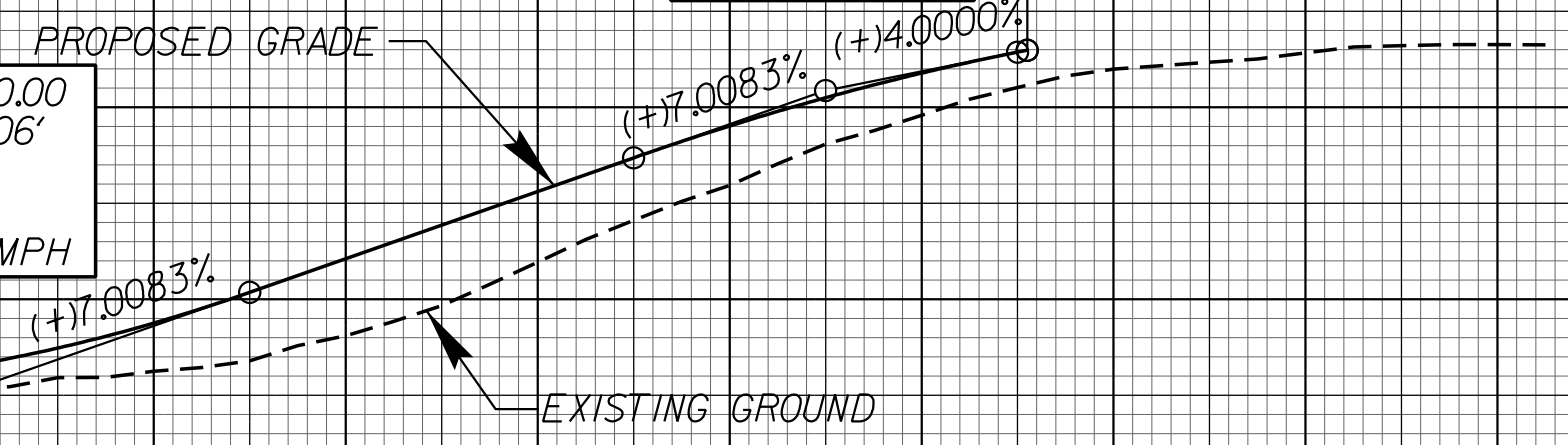
# -Y1-

-Y1- 12 + 91.01 =  
-L- 14 + 97.60 (53' LT)  
END GRADE  
ELEV. 101.21

-Y1- 11 + 50.00  
BEGIN GRADE  
ELEV. 94.12

PI = 11+80.00  
EL = 94.06'  
VC = 60'  
K = 13  
DS = 17 MPH

PI = 12+70.00  
EL = 100.37'  
VC = 40'  
K = 8  
DS = <15 MPH



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SEE PLAN SHEET No. 5

80

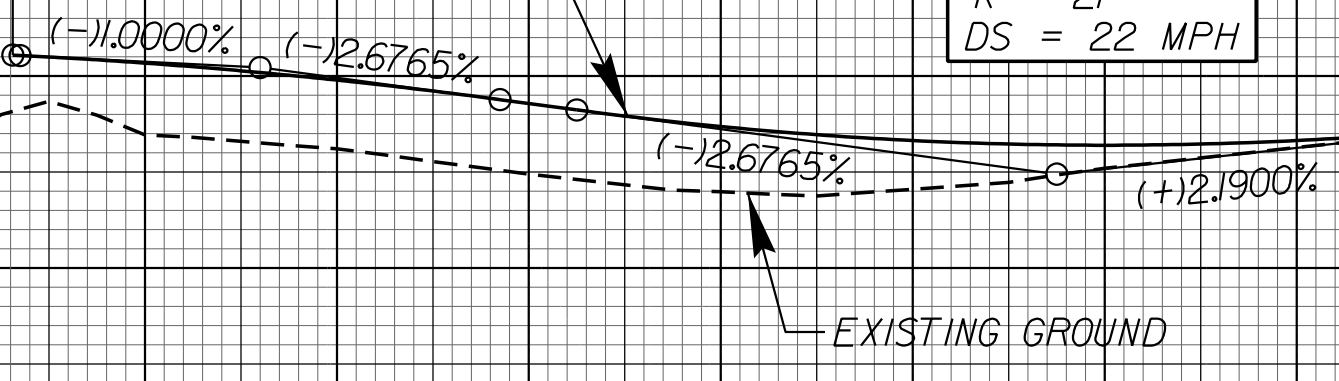
# -Y2-

-Y2- 10 + 66.24 =  
-L- 17 + 63.35 (65' RT)  
BEGIN GRADE  
ELEV. 96.45

PI = 10+92.00  
EL = 96.20'  
VC = 50'  
K = 30  
DS = 35 MPH

PI = 11+75.00  
EL = 93.97'  
VC = 100'  
K = 21  
DS = 22 MPH

-Y2- 12 + 25.00  
END GRADE  
ELEV. 95.07



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SEE PLAN SHEET No. 5

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3/10/2016