
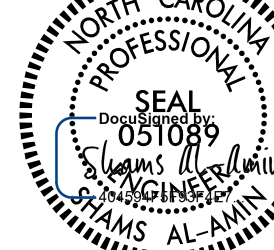


PROJECT REFERENCE NO.	SHEET NO.
BPI - R018	4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 7/25/2026 	HYDRAULICS ENGINEER 7/25/2026 
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



LEFT DITCH -----

RIGHT DITCH -----

BEGIN GRADE -|-
STA.11+08.00 EL= 72.76

PI = 11+83.00
EL = 71.86'
L = 150'
K = 357

BEGIN DITCH RT
STA=13+16.00
EL=66.69'

PI=14+00.00
EL=64.28'

END DITCH RT
STA=14+50.00
EL=64.10'

BEG. BRIDGE
-L- STA.14+93.88

END BRIDGE
-L- STA.15+51.13

END GRADE -|-
STA.19+42.31 EL= 66.65

PI = 18+09.33
EL = 66.98'
L = 150'
K = 282

PROPOSED GRADE

EXISTING GROUND

BEGIN DITCH LT
STA=11+00.00
EL=70.20'

PI=11+85.00
EL=69.11'

PI=12+25.00
EL=67.91'

PI=14+00.00
EL=63.54'

END DITCH LT
STA=15+00.00
EL=62.43'

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 850	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 66.8	FT
BASE DISCHARGE	= 1472	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 67.4	FT
OVERTOPPING DISCHARGE	= 922	CFS
OVERTOPPING FREQUENCY	= 25+	YRS
OVERTOPPING ELEVATION	= 66.6	FT

DATE OF SURVEY = 10/19/2022

W.S.ELEVATION
AT DATE OF SURVEY = 62.78 FT