

5/14/99

PROJECT REFERENCE NO. B-5332	SHEET NO. 5
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**STRUCTURE HYDRAULIC DATA**

DRAINAGE AREA	= 2.92	SQ. MI.
DESIGN DISCHARGE	= 470	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 78.7	FT
BASE DISCHARGE	= 700	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 79.1	FT
OVERTOPPING DISCHARGE	= 2150	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 82.0	FT

BRIDGE STA. = 12+67.50 -L-  
 1@55' 2" CORED SLAB BRIDGE  
 WITH 4' END BENT CAPS  
 SKEW = 90°  
 C ELEV. = 82.38'

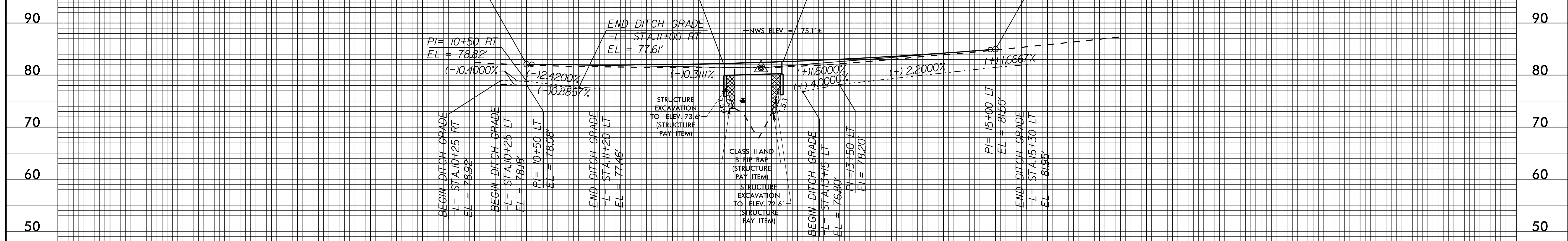
PI = 12+75.00  
 EL = 81.38'  
 VC = 440'  
 K = 230

BEGIN PROPOSED GRADE -L- STA. 10+50.00  
 ELEV. = 82.08'

BEGIN BRIDGE -L- STA. 12+38.88

END BRIDGE -L- STA. 12+96.13

END PROPOSED GRADE -L- STA. 15+00.00  
 ELEV. = 84.98'



RIGHT DITCH -----

LEFT DITCH -----

FOR -L- ALIGNMENT, SEE SHEET NO. 4

RS: APR 2017 11:57 AM P:\57\B5332\_Rdy\_pfl\_5.dgn

10 11 12 13 14 15 16