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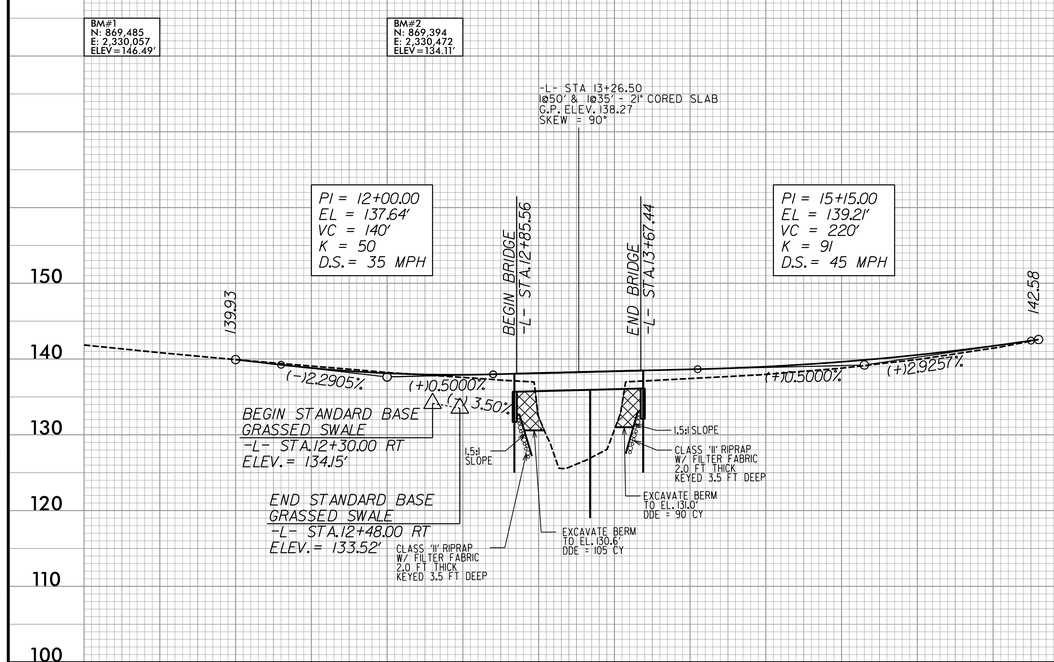
NC License # F-1333
Formerly Mulkey Engineers & Consultants

PROJECT REFERENCE NO.	SHEET NO.
17BP.4.R.68	5

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER STEPHEN C. BROWDER 45759	NORTH CAROLINA PROFESSIONAL ENGINEER DAVID P. BOCKER 029984
DocuSigned by: Stephen C. Browder 9E0A2B...	DocuSigned by: David P. Bocker 3A8E6B6497...
6/1/2016	6/1/2016



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	700	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	132.0	FT
BASE DISCHARGE	=	1,100	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	133.09	FT
OVERTOPPING DISCHARGE	=	4,800	CFS
OVERTOPPING FREQUENCY	>	500	YRS
OVERTOPPING ELEVATION	=	137.9	FT
DATE OF SURVEY	=	10/26/2015	
W.S. ELEVATION AT DATE OF SURVEY	=	126.51	FT

NOTE: FOR -L- PLAN SEE SHEET 4

6/1/2016
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BEL
k.ellis