DocuSign Envelope ID: 35A0DA49-41E0-4F81-9F7D-715D9DF0C55E

PROJECT REFERENCE NO.	SHEET NO.
EB-5858	5

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
2/27/2023	2/27/2023
NORTH CAROLINA PROFESSIONAL SEAL 33290 ENGINEER RONYELL A. THIGPEN	NORTH CAROLINA PROFESSIONAL SEAL 032312 ENGINEER CHARLES W. HEATWOLE
DocuSigned by: Ronyell Thigpen 9C2B41A2DB5E441...	DocuSigned by: Charles Heatwole 56982E6560469464...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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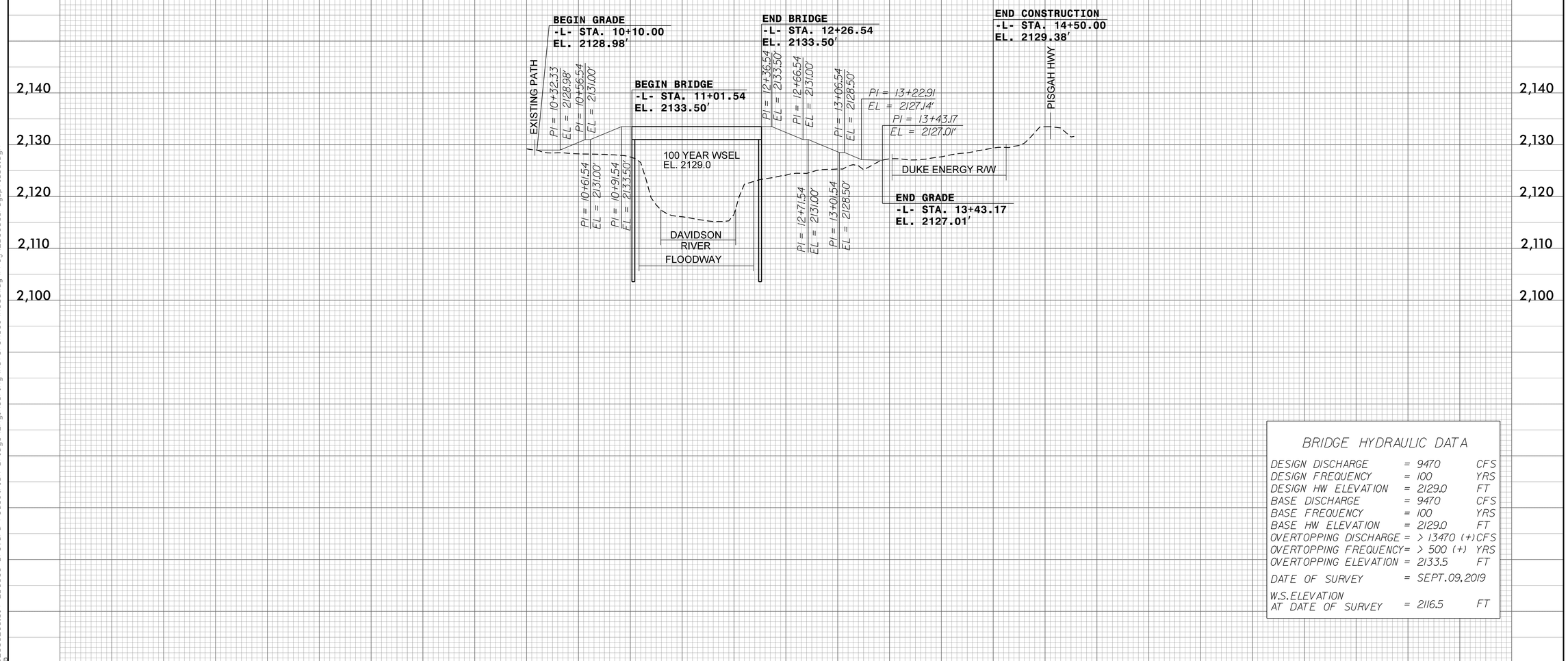

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	9470	CFS
DESIGN FREQUENCY	=	100	YRS
DESIGN HW ELEVATION	=	2129.0	FT
BASE DISCHARGE	=	9470	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	2129.0	FT
OVERTOPPING DISCHARGE	=	> 13470 (+)	CFS
OVERTOPPING FREQUENCY	=	> 500 (+)	YRS
OVERTOPPING ELEVATION	=	2133.5	FT
DATE OF SURVEY	=	SEPT.09,2019	
W.S.ELEVATION AT DATE OF SURVEY	=	2116.5	FT

5/14/99

2/27/2023
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Kbrown