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NV5 ENGINEERS & CONSULTANTS, INC.
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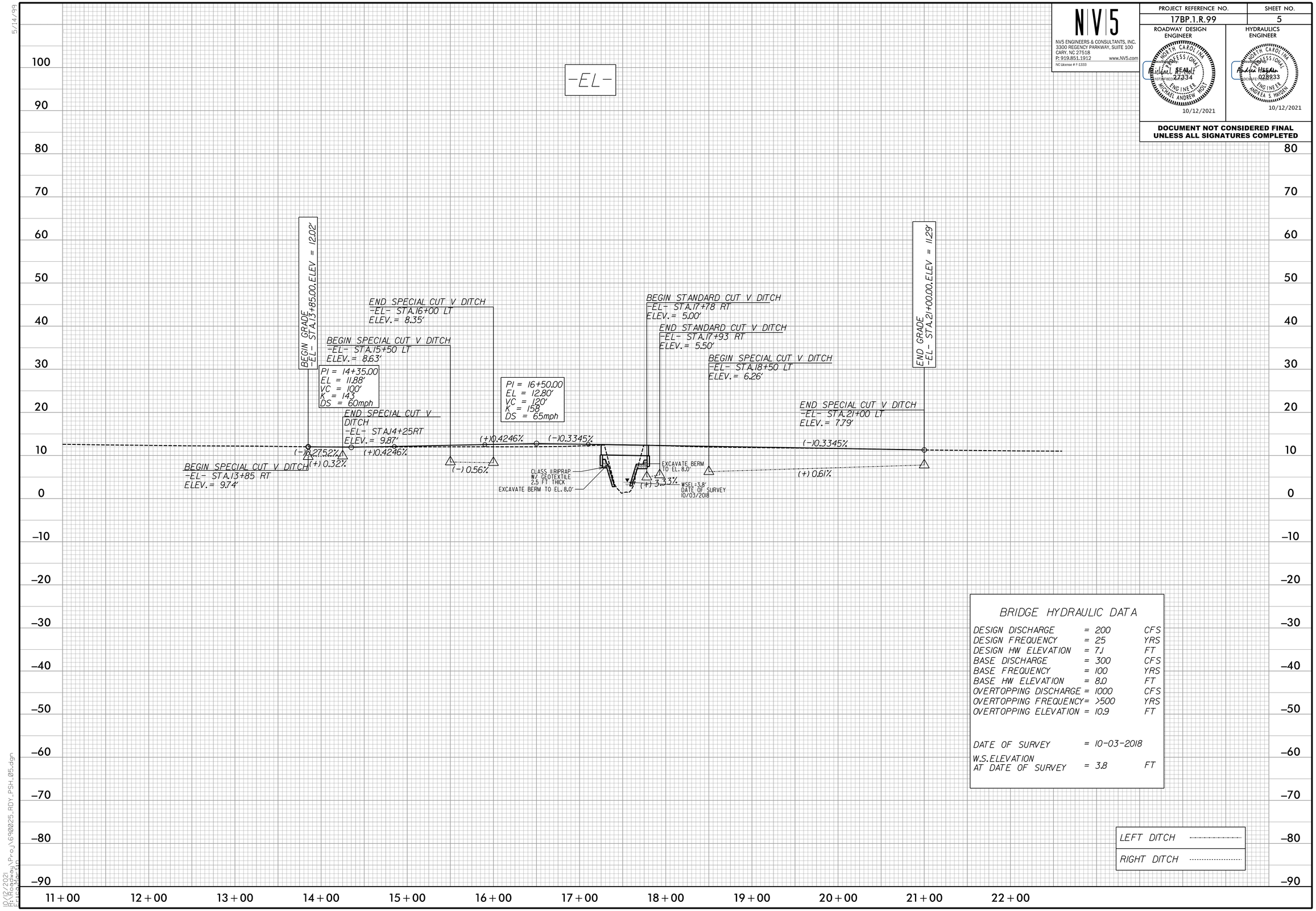
NC License # F-1333

PROJECT REFERENCE NO.	SHEET NO.
17BP.1.R.99	5

ROADWAY DESIGN ENGINEER
DOCUSIGNED BY: Michael Hall
DOCUSIGNED BY: 27334
10/12/2021

HYDRAULICS ENGINEER
DOCUSIGNED BY: Andrea Hidden
DOCUSIGNED BY: 028933
10/12/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 200	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 7.1	FT
BASE DISCHARGE	= 300	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 8.0	FT
OVERTOPPING DISCHARGE	= 1000	CFS
OVERTOPPING FREQUENCY	= >500	YRS
OVERTOPPING ELEVATION	= 10.9	FT
DATE OF SURVEY	= 10-03-2018	
W.S. ELEVATION AT DATE OF SURVEY	= 3.8	FT

LEFT DITCH
RIGHT DITCH

5/14/99

10/12/2021
R:\Roadway\Proj\6900025_RDY_PSH_05.dgn
Frisco, Jon