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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
B-4475	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 16378 ENGINEER REKHA V. PATEL
12/03/2013
DocuSigned by: Rekha V. Patel
7B8B6B6B7B41C...

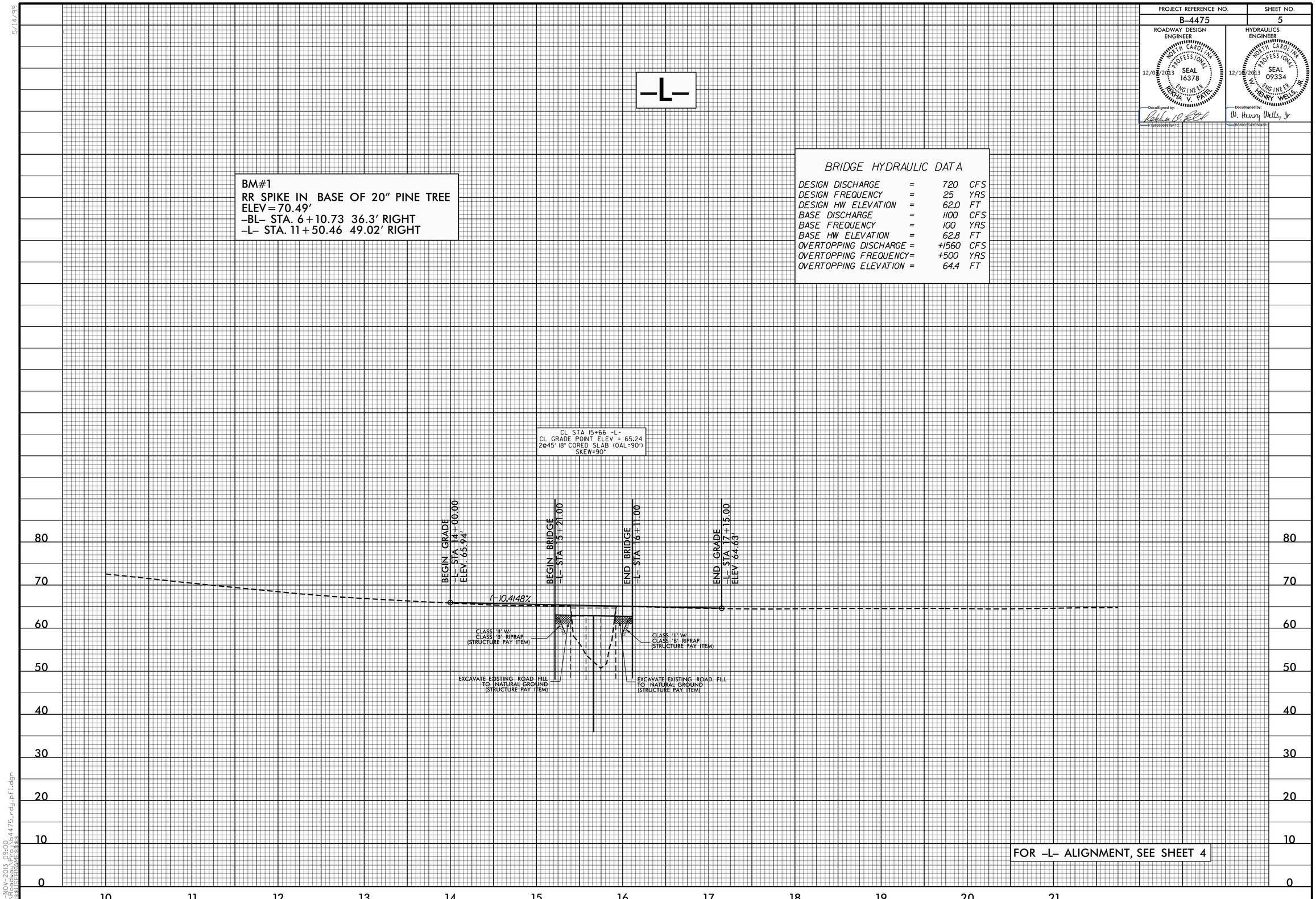
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 09334 ENGINEER W. HENRY WELLS, JR.
12/10/2013
DocuSigned by: W. Henry Wells, Jr
BC880FC43D3D43E...

-L-

BM#1
RR SPIKE IN BASE OF 20" PINE TREE
ELEV = 70.49'
-BL- STA. 6+10.73 36.3' RIGHT
-L- STA. 11+50.46 49.02' RIGHT

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	720	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	62.0	FT
BASE DISCHARGE	=	1100	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	62.8	FT
OVERTOPPING DISCHARGE	=	+1560	CFS
OVERTOPPING FREQUENCY	=	+500	YRS
OVERTOPPING ELEVATION	=	64.4	FT



FOR -L- ALIGNMENT, SEE SHEET 4

08-NOV-2013 09:00
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$$$$USERNAME$$$$