PROJECT REFERENCE NO.	SHEET NO.
B-4475	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 16378 ENGINEER RATHA V. PATEL
2/5/2014
DocuSigned by: Ratha V. Patel
F9B6D6DB1B1C...

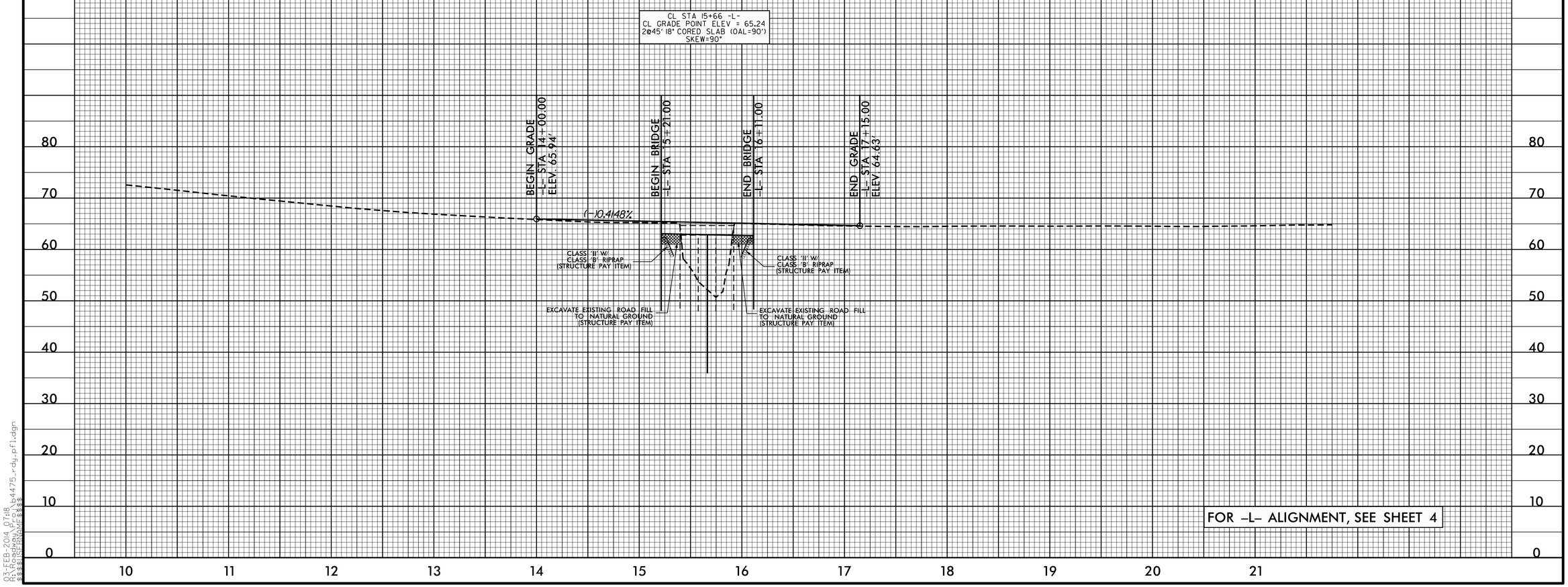
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 09334 ENGINEER W. HENRY WELLS, JR.
2/7/2014
DocuSigned by: W. Henry Wells, Jr.
A5BEC1F4A59A45B...

-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	=	7.20	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

5/14/99

03-FEB-2014 07:18
R:\Roadway\Proj\b4475_rdy_pfl.dgn
$$USER$$ $$TIME$$