PROJECT REFERENCE NO.	SHEET NO.
B-5244	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033136 ENGINEER NATHAN N. ADIMA
Nathan N. Adima 2/18/2015

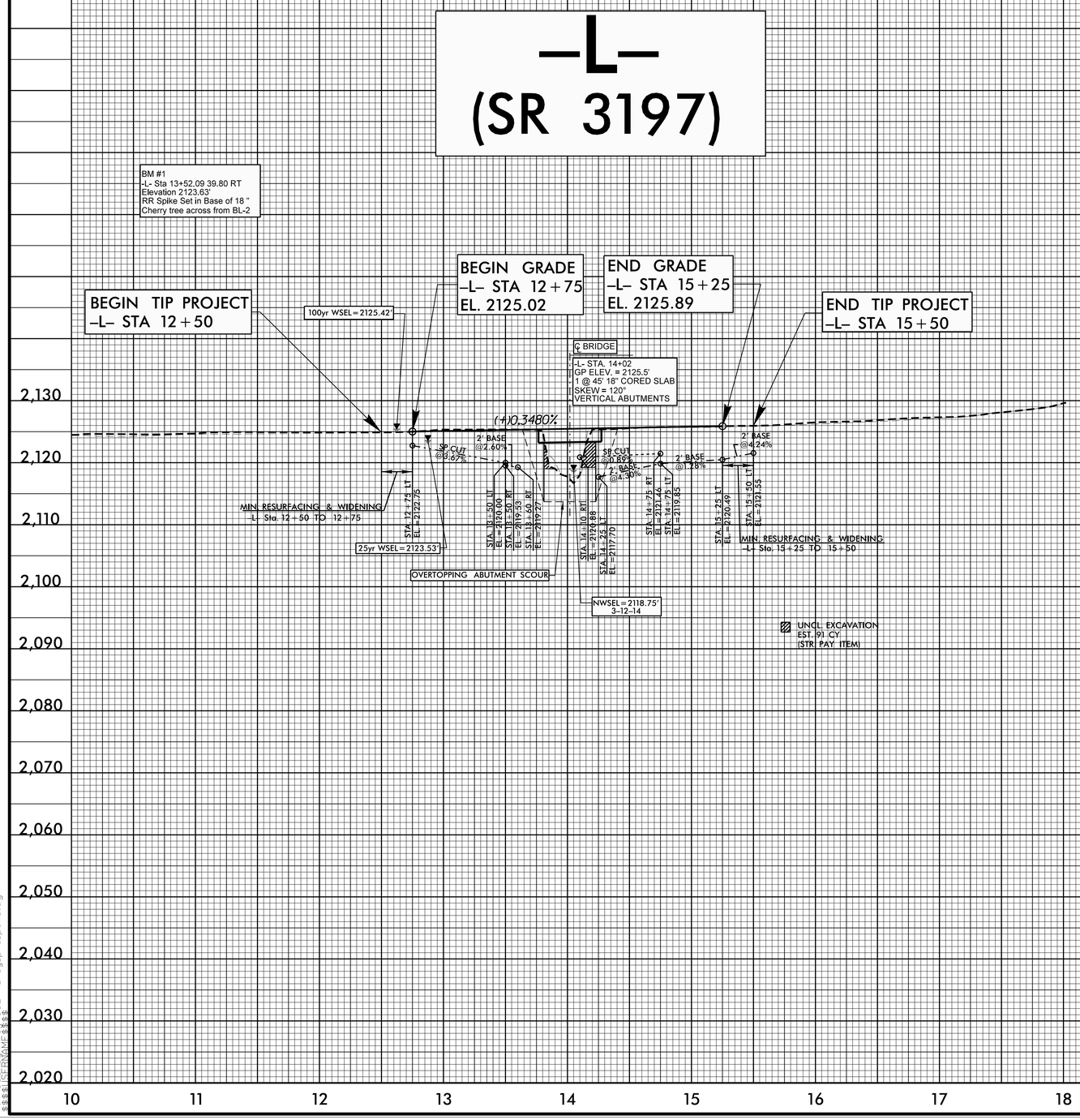
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 037526 ENGINEER WYATT D. YELVERTON
Wyatt D. Yelverton 1/4/2016

-L-
(SR 3197)

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	=	1250	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	2124.4	FT
BASE DISCHARGE	=	1830	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	2125.61	FT
OVERTOPPING DISCHARGE	=	1299	CFS
OVERTOPPING FREQUENCY	=	<50	YRS
OVERTOPPING ELEVATION	=	2124.9	FT

Note: W.S.EL. Taken @ River Station 0.883
Note: Road is overtopped approximately 234 ft from centerline of bridge (at approximately L STA. 11+68 Lt.).



SEE SHEET 4 FOR -L- PLAN

5/14/99
09-NOV-2015 14:58
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$$$$USERNAME$$$$