8/17/99

REVISIONS

15

10

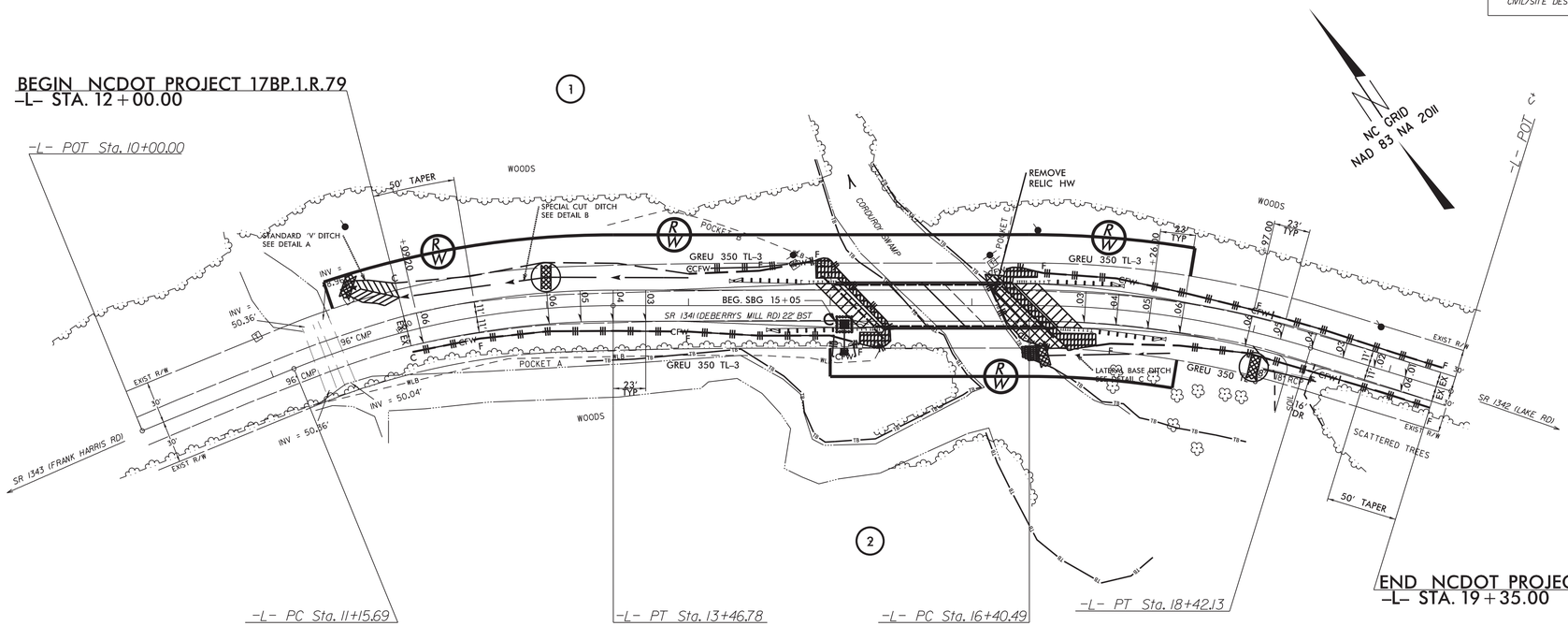
ALL WETLANDS AREAS DETERMINED BY PAUL WILLIAMS
DIVISION ENVIRONMENTAL OFFICER AS WETLANDS A,B,C

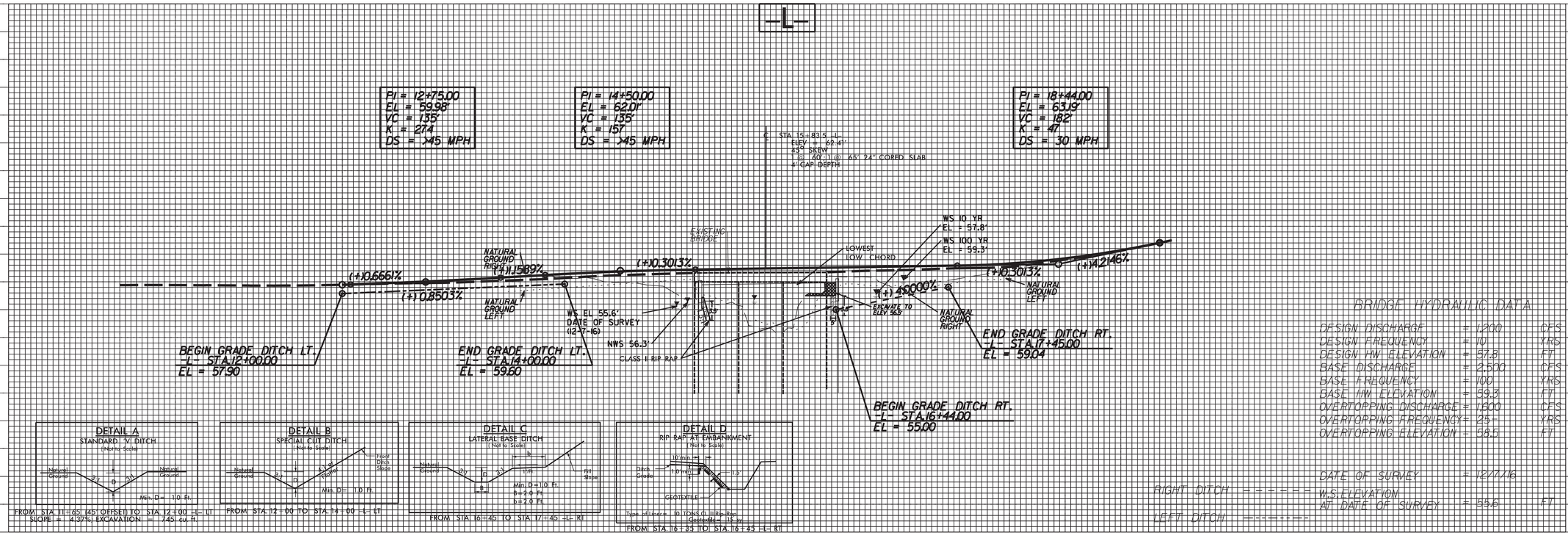
WETHERILL ENGINEERING
1223 Jones Franklin Rd. Suite 164
Raleigh, N.C. 27606
Liscense No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
SF-6500010	EC-5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.





BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 1200	CFS
DESIGN FREQUENCY	= 10	YRS
DESIGN HW ELEVATION	= 57.8	FT
BASE DISCHARGE	= 2,500	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 59.3	FT
OVERTOPPING DISCHARGE	= 1600	CFS
OVERTOPPING FREQUENCY	= 25+	YRS
OVERTOPPING ELEVATION	= 58.6	FT
DATE OF SURVEY	= 12/7/16	
W.S. ELEVATION AT DATE OF SURVEY	= 55.6	FT

SYSTIME $$SYS$$
USERNAME $$USN$$