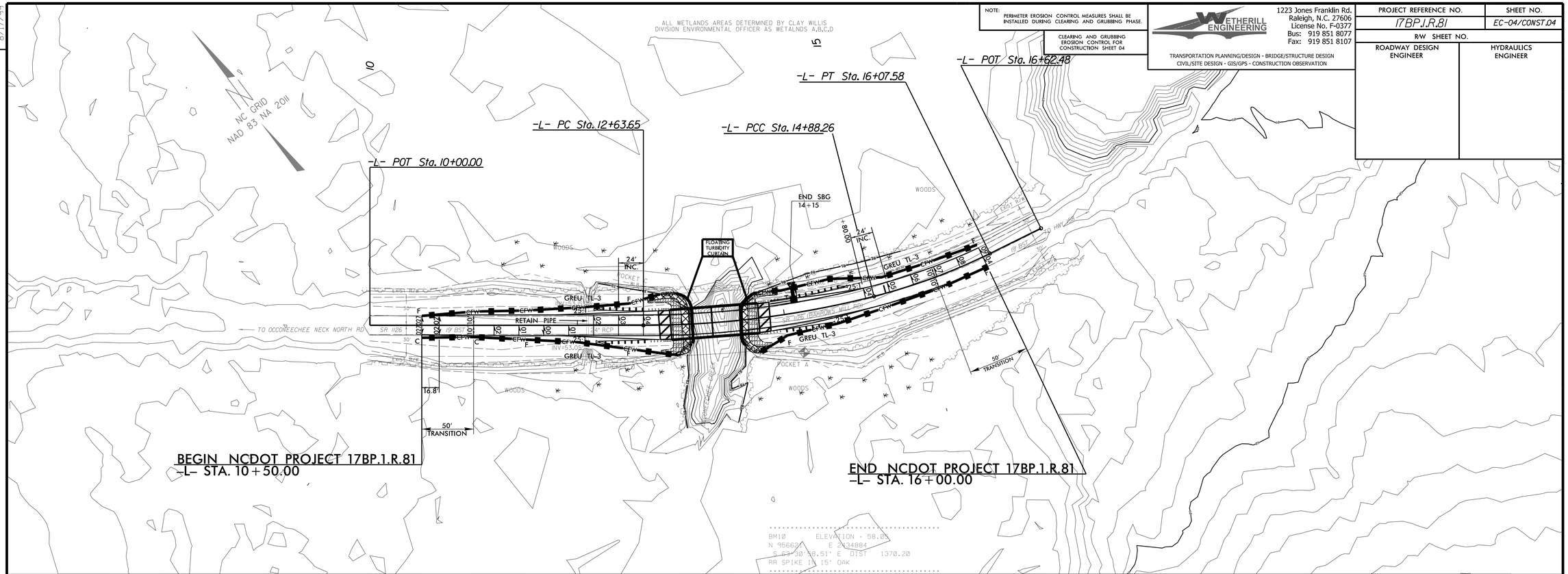
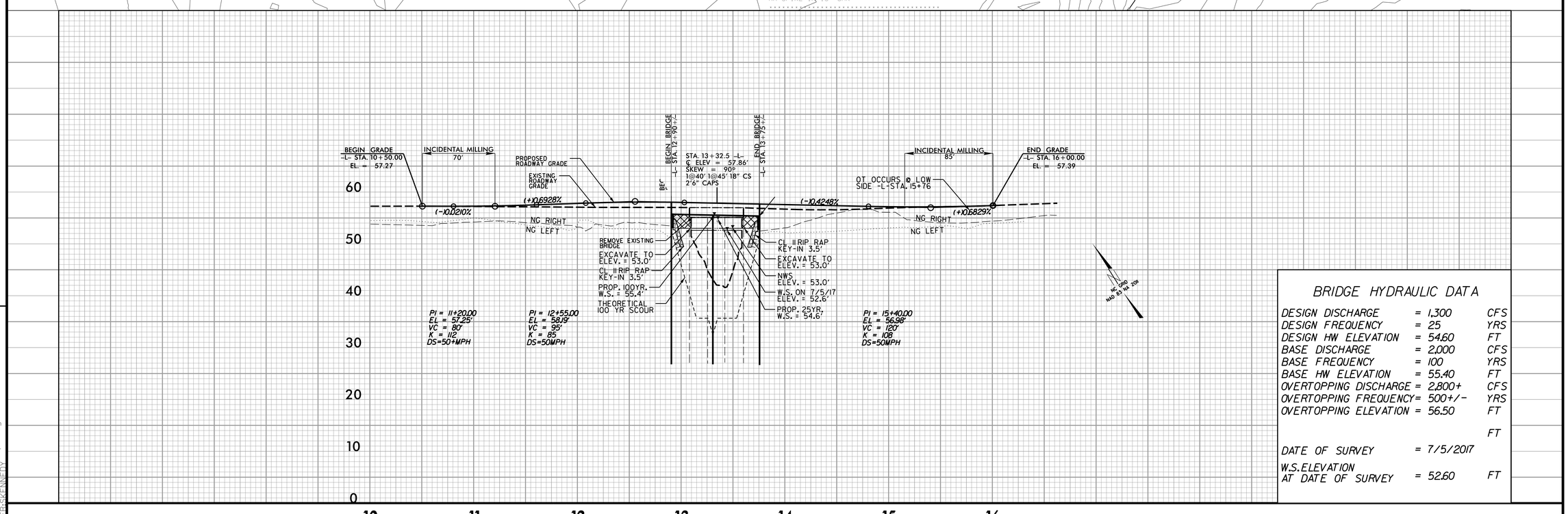
NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 04

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License 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.
17BP.1.R.81	EC-04/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER





BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	1,300	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	54.60	FT
BASE DISCHARGE	=	2,000	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	55.40	FT
OVERTOPPING DISCHARGE	=	2,800+	CFS
OVERTOPPING FREQUENCY	=	500+/-	YRS
OVERTOPPING ELEVATION	=	56.50	FT
			FT
DATE OF SURVEY	=	7/5/2017	
W.S.ELEVATION AT DATE OF SURVEY	=	52.60	FT

REVISIONS

ROW REVISION #1 (01-22-2018) - UPDATED ROW, ADDED PARCEL NO.4 AND REQUIRED ROW FOR CONTAINMENT OF RELOCATED 15" RCP, BAM

8/17/99

8/20/2018
17BP.1.R.81_EC_psh.dgn
USERBRSKENNEDY