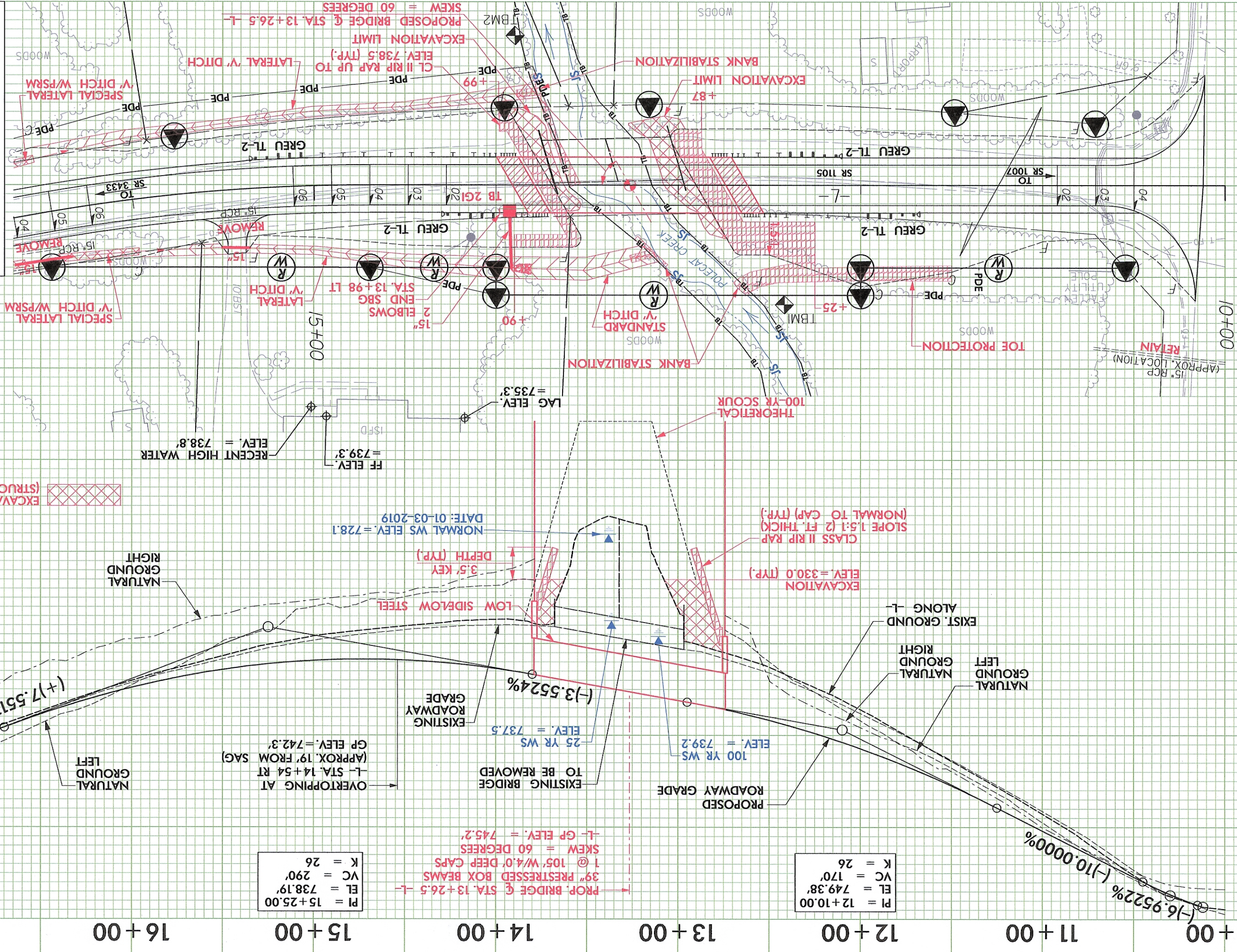




NOCKOUT PERFORMANCE TABLE FREQUENCY		500yr. 740.3 739.1 738.3 737.5 50yr. 739.1 738.3 737.5 736.6 735.7 734.5 733.2 740.5
NATURAL		736.6 735.7 734.5
EXISTING		736.7 735.8 734.5
PROPOSED		736.7 735.8 734.5

SCALE:
1" = 50' HORIZONTAL
1" = 10' VERTICAL

WS EL. Taken @ River Station 90257				
Design:	Discharge	1,800	c.f.s.	Frequency 25 yr. Elev. 737.5 ft.
Base Flood:	Discharge	2,635	c.f.s.	Frequency 100 yr. Elev. 739.2 ft.
Overtopping:	Discharge	4,500	c.f.s.	Frequency 500+ yr. Elev. 742.3 ft.
*OT OCCURS AT -L- STA. 14+54 RT (APPROX. 19' FROM SAG LOCATION) DUE TO SUPERELEVATION ROLLOVER				

2. STREAM BED MATERIAL IS SAND WITH SMALL COBBLES.

Is a Floodway Revision Required? MOA TYPE 2A (MAXIMUM DECREASE = 0.2')

Temporary Crossing NOT REQUIRED, OFFSITE DETOUR PROVIDED



Reviewed by: _____

A circular professional engineer seal for the State of North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "ENGINEER" at the bottom. Inside the ring, the word "PROFESSIONAL" is at the top and "SEAL" is at the bottom. The center of the seal features the handwritten signature "Eleni M. Riggs" and the license number "086821" below it.

1/23/19