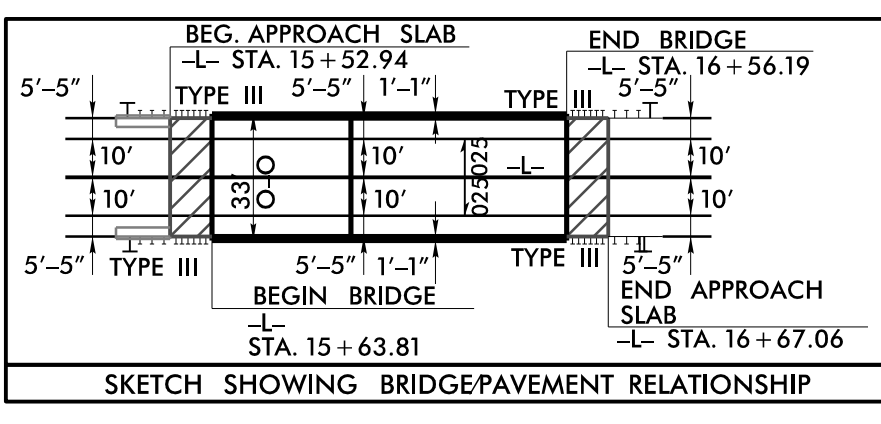
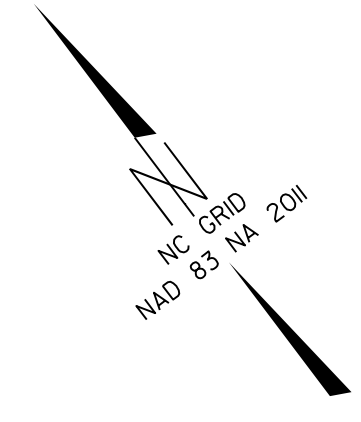


10/28/2019 10:06:01 BR-0113\Erosion Control\BR-0113\_EC\_final.dwg  
 USER: FJL  
 8/17/99



DWIGHT A. KING  
DB 2458 PG 3/9

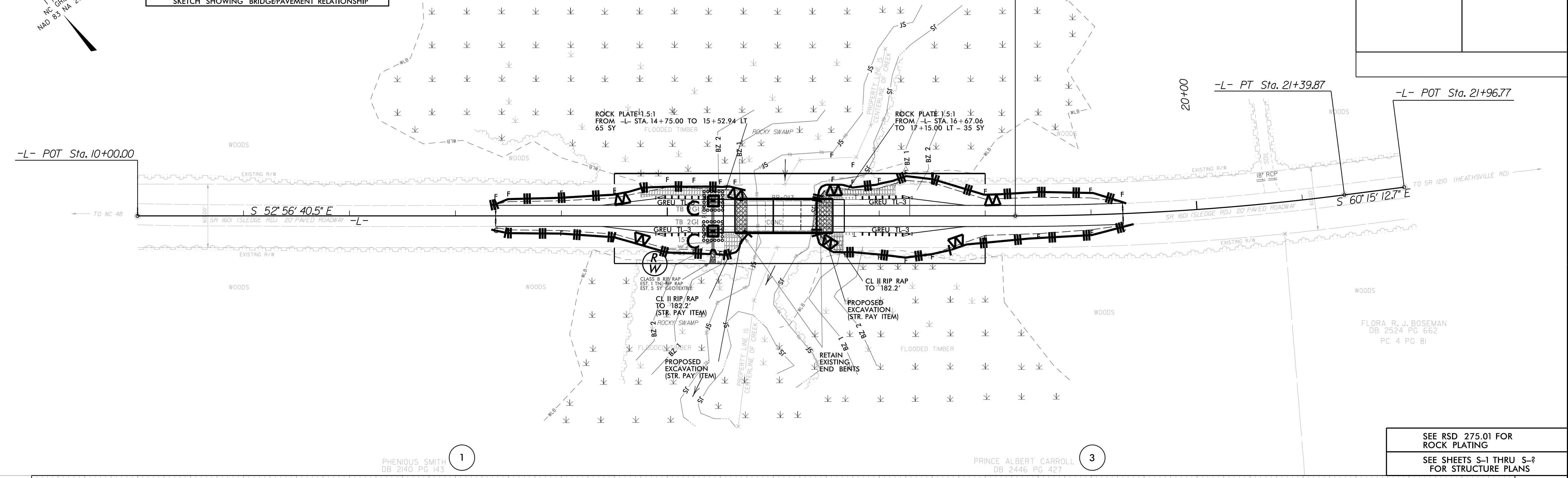
NOTE:  
BEGIN S/BG  
STA. 15+38.81 LT. & RT.  
END S/BG  
STA. 15+52.94 LT. & RT.



1223 Jones Franklin Rd.  
Raleigh, N.C. 27606  
License No. F-0377  
Bus: 919 851 8077  
Fax: 919 851 8107

PROJECT REFERENCE NO. <b>BR-0113</b>	SHEET NO. EC-4/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

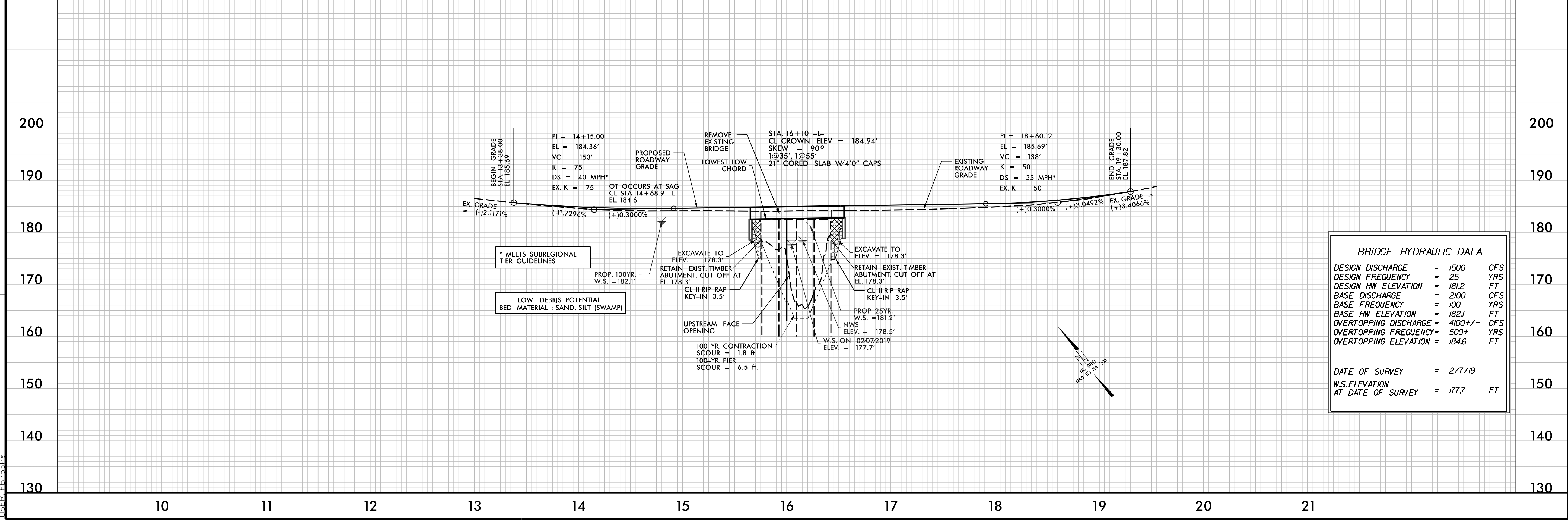
MARTHA LANE  
DB 931 PG 40



PHENIQUIS SMITH  
DB 2140 PG 143

PRINCE ALBERT CARROLL  
DB 2446 PG 427

SEE RSD 275.01 FOR  
ROCK PLATING  
SEE SHEETS S-1 THRU S-2  
FOR STRUCTURE PLANS



DESIGN DISCHARGE	= 1500	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 181.2	FT
BASE DISCHARGE	= 2100	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 182.1	FT
OVERTOPPING DISCHARGE	= 4100 +/-	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 184.6	FT
DATE OF SURVEY	= 2/7/19	
W.S. ELEVATION AT DATE OF SURVEY	= 177.7	FT

