

5/28/99

PROJECT REFERENCE NO. BR-0002	SHEET NO. 6
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 024641 TATIA L. WHITE	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046593 MICHELLE G. BERRY
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

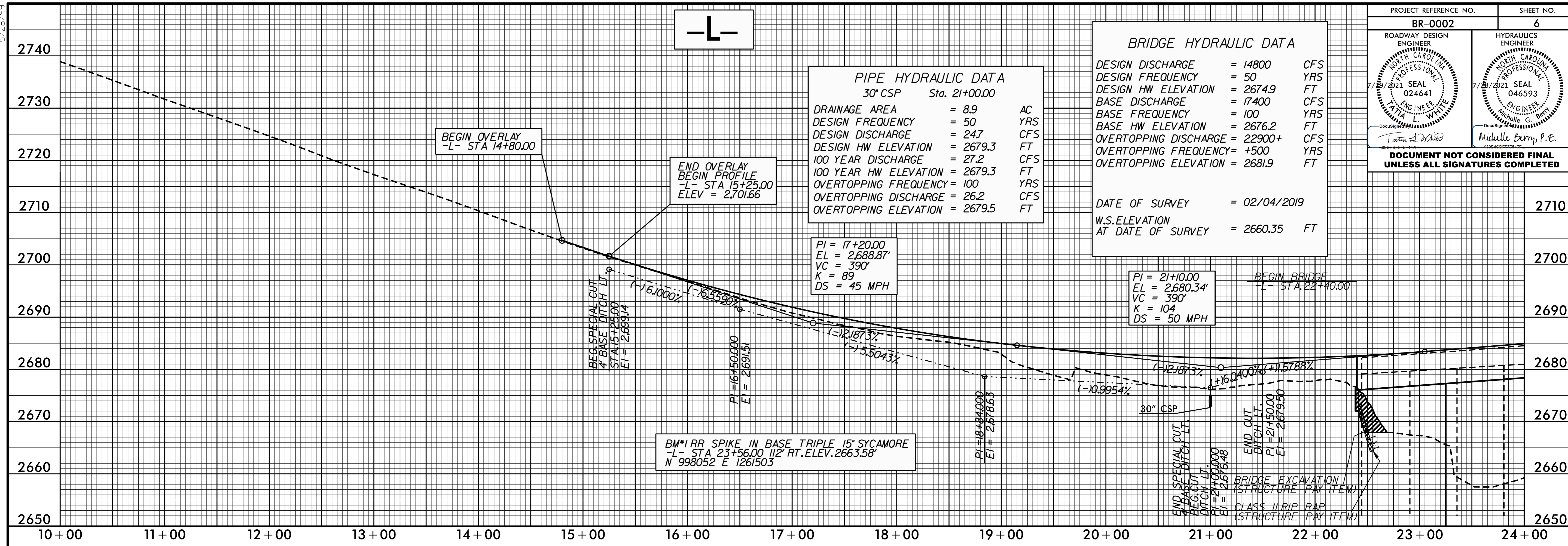
BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 14800	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 2674.9	FT
BASE DISCHARGE	= 17400	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 2676.2	FT
OVERTOPPING DISCHARGE	= 22900+	CFS
OVERTOPPING FREQUENCY	= +500	YRS
OVERTOPPING ELEVATION	= 2681.9	FT

DATE OF SURVEY = 02/04/2019
W.S. ELEVATION AT DATE OF SURVEY = 2660.35 FT

PIPE HYDRAULIC DATA
30" CSP Sta. 21+00.00

DRAINAGE AREA	= 8.9	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 24.7	CFS
DESIGN HW ELEVATION	= 2679.3	FT
100 YEAR DISCHARGE	= 27.2	CFS
100 YEAR HW ELEVATION	= 2679.3	FT
OVERTOPPING FREQUENCY	= 100	YRS
OVERTOPPING DISCHARGE	= 26.2	CFS
OVERTOPPING ELEVATION	= 2679.5	FT



26 JUL 2021 11:59 AB-0002.rdy.pl.psh.6.dgn

