

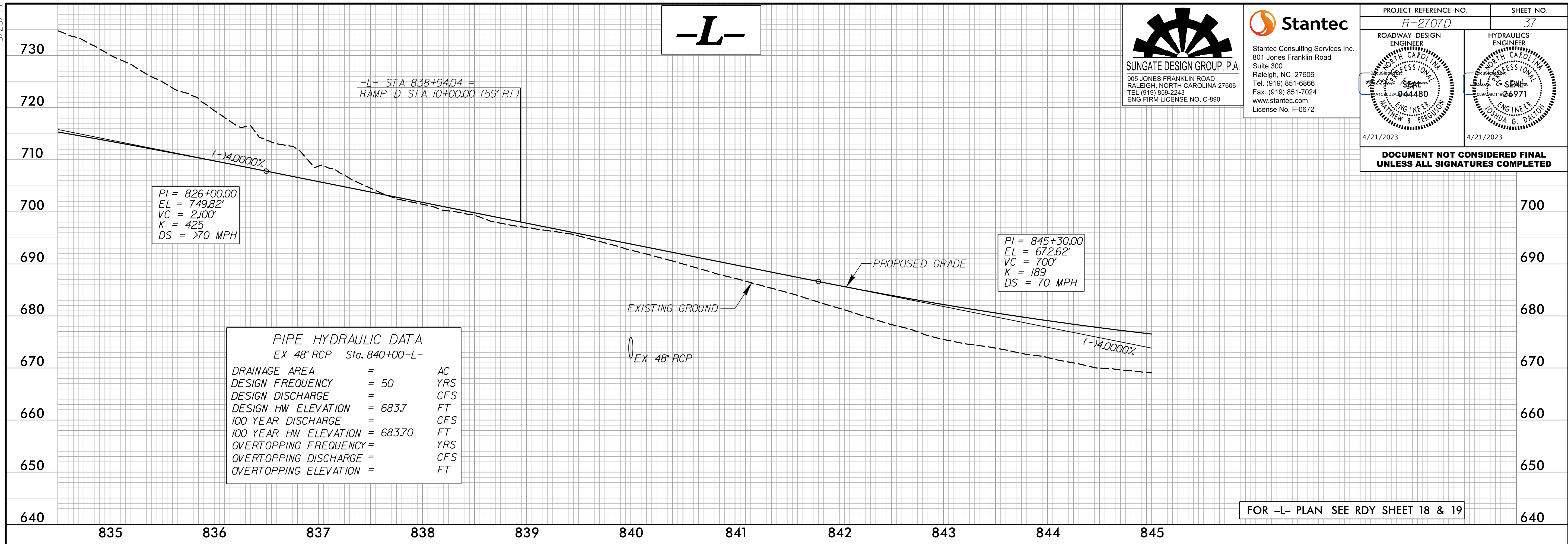
5/28/99

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PROJECT REFERENCE NO. R-2707D	SHEET NO. 37
ROADWAY DESIGN ENGINEER MATTHEW B. FERGUSON LICENSE NO. 04480 4/21/2023	HYDRAULICS ENGINEER JOHN G. DALTON LICENSE NO. 26971 4/21/2023

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

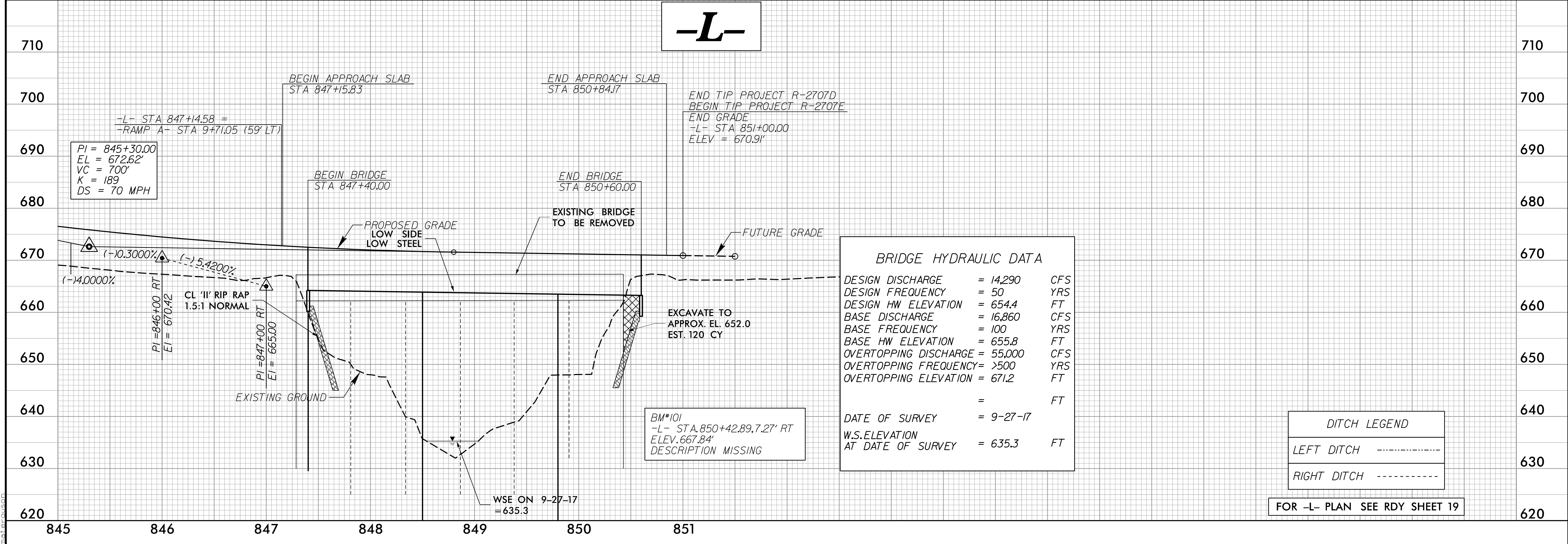


PIPE HYDRAULIC DATA
EX 48" RCP Sta. 840+00-L-

DRAINAGE AREA	=	AC
DESIGN FREQUENCY	=	50 YRS
DESIGN DISCHARGE	=	CFS
DESIGN HW ELEVATION	=	683.7 FT
100 YEAR DISCHARGE	=	CFS
100 YEAR HW ELEVATION	=	683.70 FT
OVERTOPPING FREQUENCY	=	YRS
OVERTOPPING DISCHARGE	=	CFS
OVERTOPPING ELEVATION	=	FT

FOR -L- PLAN SEE RDY SHEET 18 & 19

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BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	14,290	CFS
DESIGN FREQUENCY	=	50	YRS
DESIGN HW ELEVATION	=	654.4	FT
BASE DISCHARGE	=	16,860	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	655.8	FT
OVERTOPPING DISCHARGE	=	55,000	CFS
OVERTOPPING FREQUENCY	=	>500	YRS
OVERTOPPING ELEVATION	=	671.2	FT
	=		FT
DATE OF SURVEY	=	9-27-17	
W.S. ELEVATION AT DATE OF SURVEY	=	635.3	FT

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----

FOR -L- PLAN SEE RDY SHEET 19

4/15/2023 c:\users\matferguson\documents\pwworking\dms42562\R2707D_RDY_PEL_PSHI.dgn