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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
17BP.4.R.67	5

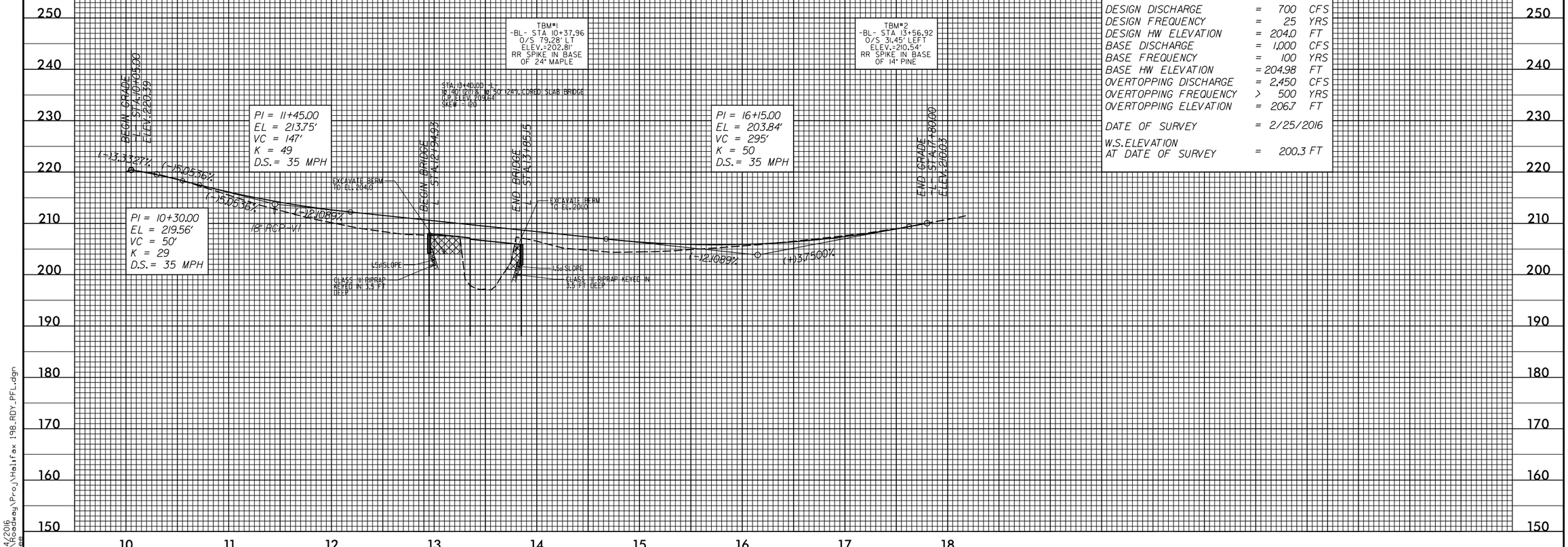
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DocuSigned by: Stephen G. Brown 15759 05279241E9BA423...	DocuSigned by: David P. Bock 029984 82C7A4B94E56497...
11/4/2016	11/4/2016

PIPE HYDRAULIC DATA
18" RCP-VI
-L- STA.11+44.60
INV. ELEV.= 211.8 FT.

DRAINAGE AREA	=	5.7	AC.
DESIGN DISCHARGE	=	5	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	213.6	FT
BASE DISCHARGE	=	6	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	213.8	FT
OVERTOPPING DISCHARGE	=	8	CFS
OVERTOPPING FREQUENCY	>	100+	YRS
OVERTOPPING ELEVATION	=	214.1	FT

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	700	CFS
DESIGN FREQUENCY	=	25	YRS
DESIGN HW ELEVATION	=	204.0	FT
BASE DISCHARGE	=	1,000	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	204.98	FT
OVERTOPPING DISCHARGE	=	2,450	CFS
OVERTOPPING FREQUENCY	>	500	YRS
OVERTOPPING ELEVATION	=	206.7	FT
DATE OF SURVEY	=	2/25/2016	
W.S.ELEVATION AT DATE OF SURVEY	=	200.3	FT



11/4/2016
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