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PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.176	5

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by: Holly Christenbury 2/1/2019

DocuSigned by: Rana Stansell 2/1/2019

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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

WSP USA
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
FAX: 1.919.836.4099
LICENSE NO. F-0165

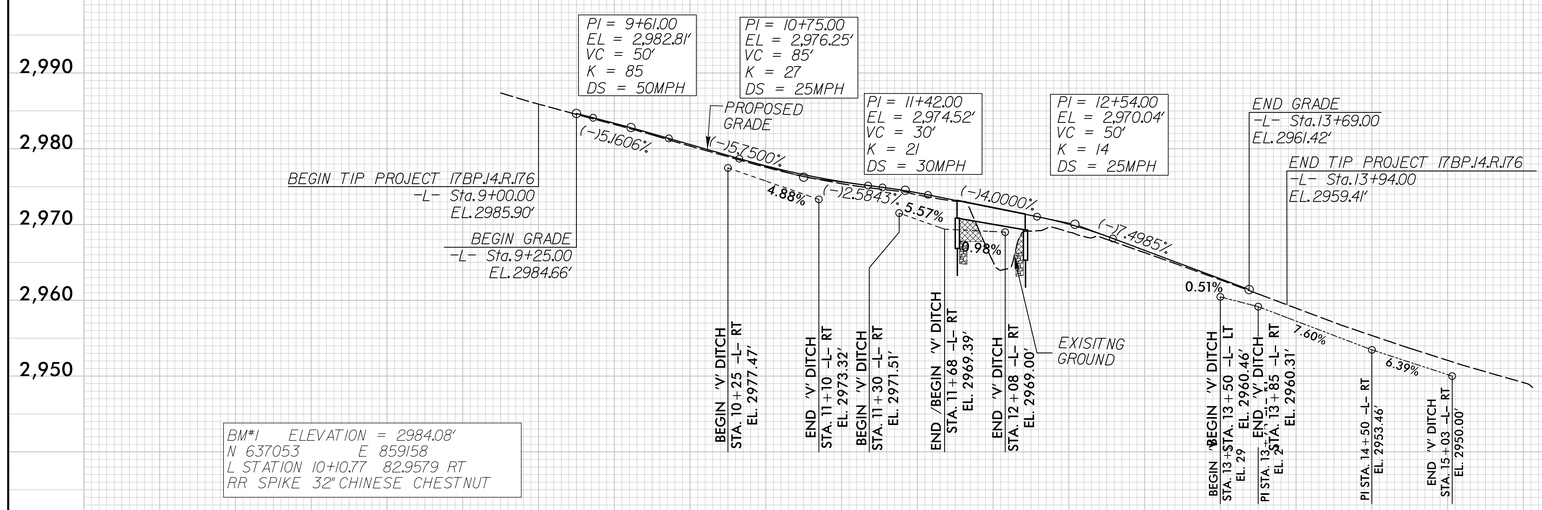
LEFT DITCH ----------

RIGHT DITCH ---------

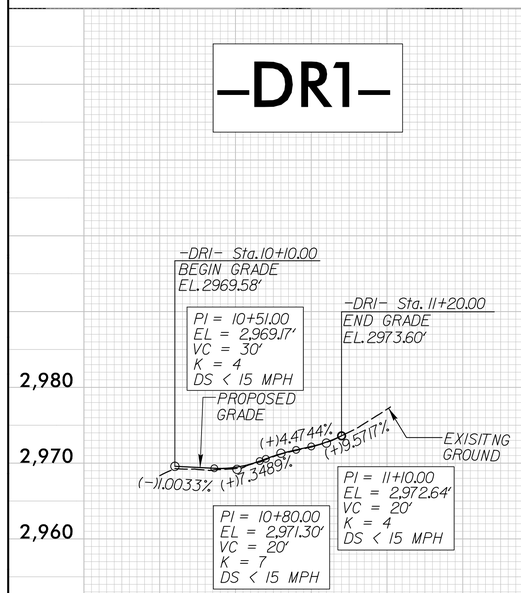
-L-

BRIDGE HYDRAULIC DATA

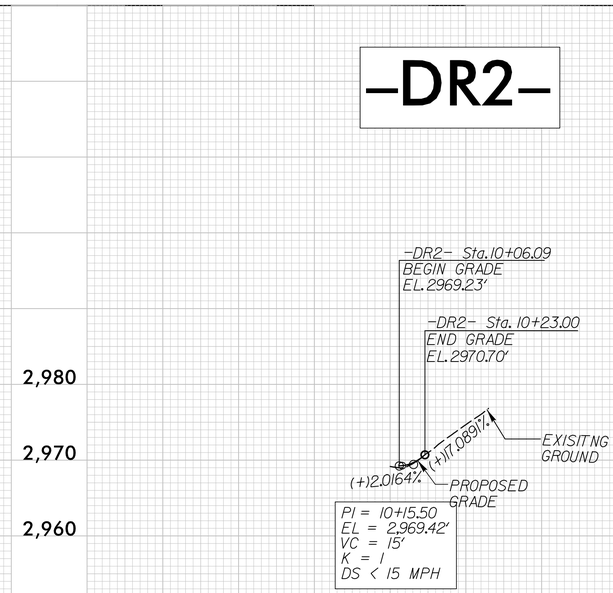
DESIGN DISCHARGE	=	500 CFS
DESIGN FREQUENCY	=	25 YRS
DESIGN HW ELEVATION	=	2971.3 FT
BASE DISCHARGE	=	750 CFS
BASE FREQUENCY	=	100 YRS
BASE HW ELEVATION	=	2972.4 FT
OVERTOPPING DISCHARGE	=	2050 CFS
OVERTOPPING FREQUENCY	=	500 +/- YRS
OVERTOPPING ELEVATION	=	2976.3 FT



-DR1-



-DR2-



5/28/99

1/28/2019
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WBS 48447

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