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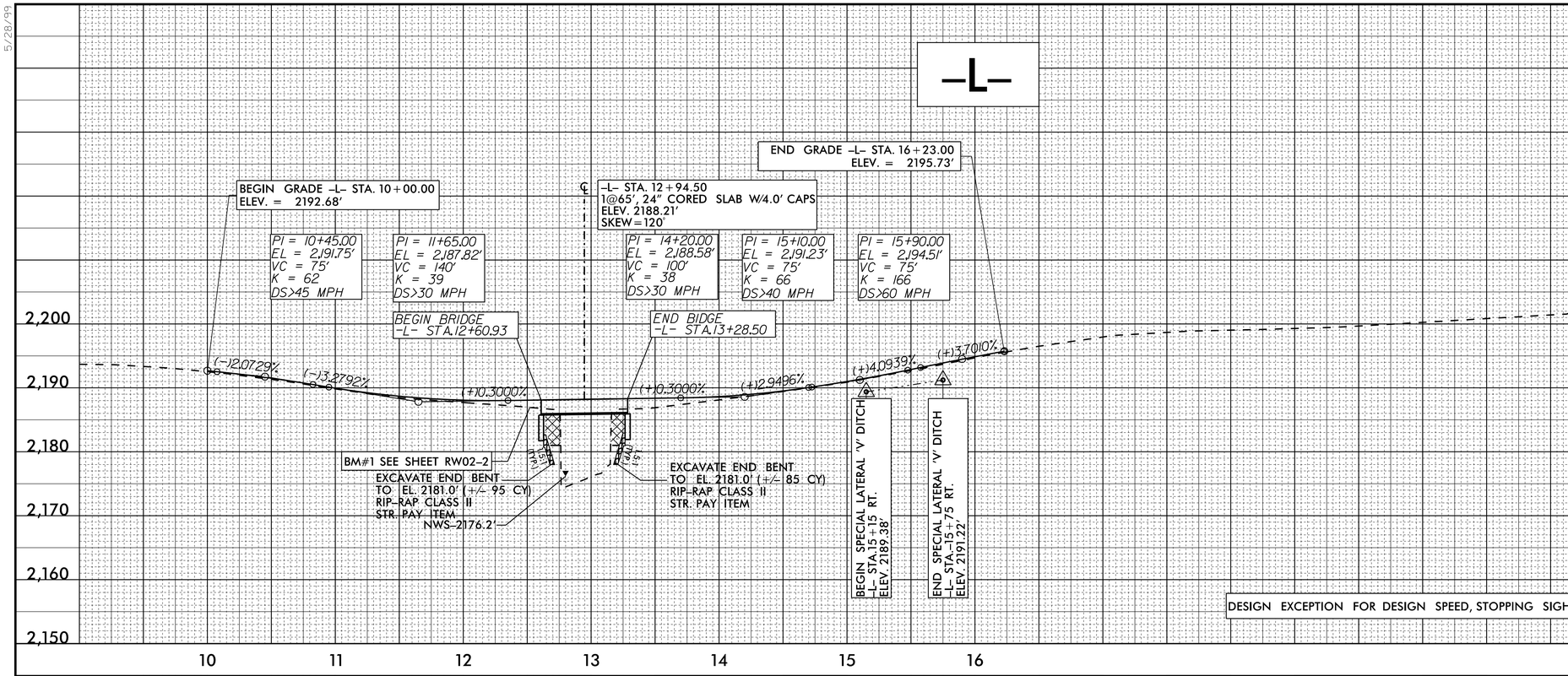
PROJECT REFERENCE NO.	SHEET NO.
BR-0009	5

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 19563 ENGINEER TIMOTHY SCOTT HARGETT — 1/28/2020

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 040694 ENGINEER RANDALL C. HERRING — 1/27/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



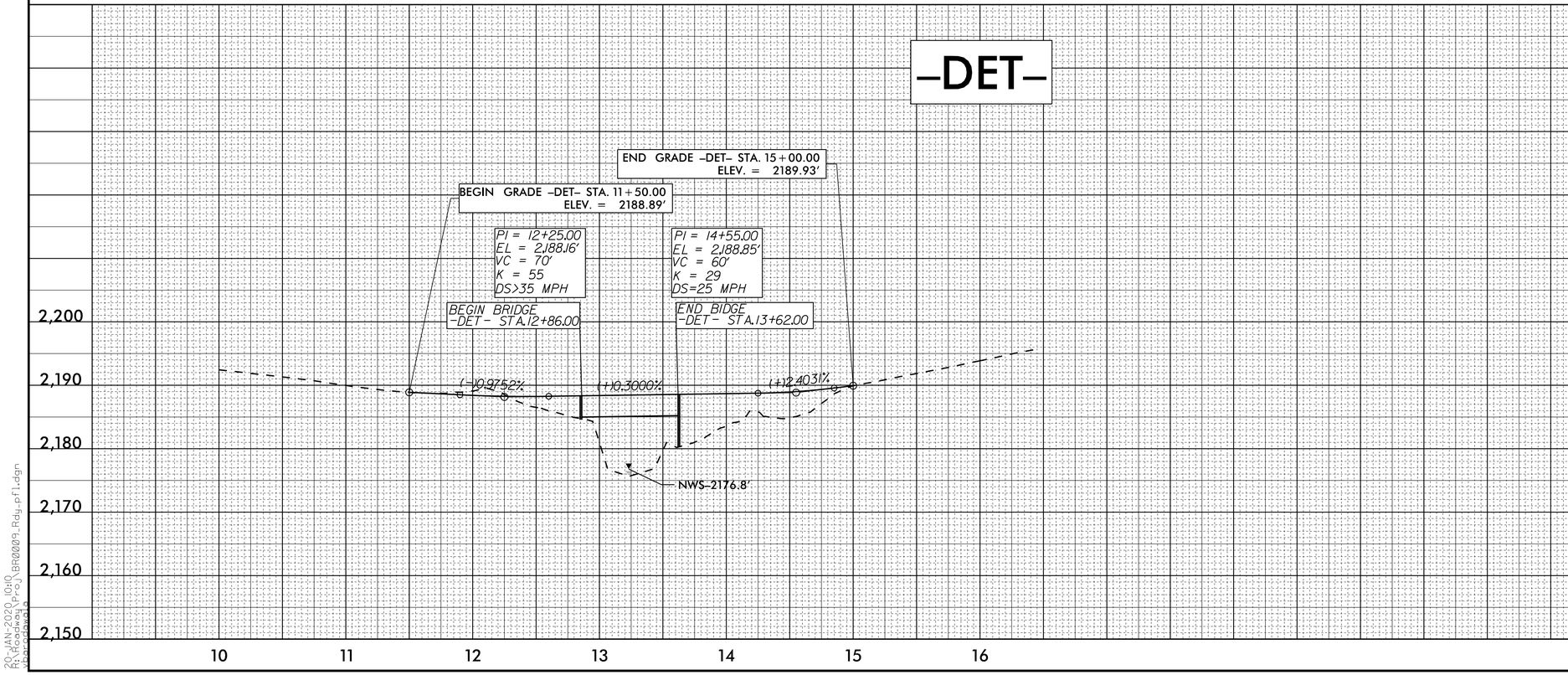
-L- BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 2560	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 2184.3	FT
BASE DISCHARGE	= 3030	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 2186.2	FT
OVERTOPPING DISCHARGE	= 4700	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 2188.3	FT
DATE OF SURVEY	= 9/10/18	
W.S.ELEVATION AT DATE OF SURVEY	= 2176.2	FT

RIGHT DITCH ----------

DESIGN EXCEPTION FOR DESIGN SPEED, STOPPING SIGHT DISTANCE, HORIZONTAL AND VERTICAL CURVES.

FOR -L- PLAN, SEE SHEET 4



-DET- BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 1600	CFS
DESIGN FREQUENCY	= 10	YRS
DESIGN HW ELEVATION	= 2184.2	FT
BASE DISCHARGE	= N/A	CFS
BASE FREQUENCY	= N/A	YRS
BASE HW ELEVATION	= N/A	FT
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING ELEVATION	= N/A	FT
DATE OF SURVEY	= 9/10/18	
W.S.ELEVATION AT DATE OF SURVEY	= 2176.8	FT

FOR -DET- PLAN, SEE SHEET 2B-1

5/28/99
20-JAN-2020 10:10
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