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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
R-3622B	20

ROADWAY DESIGN ENGINEER

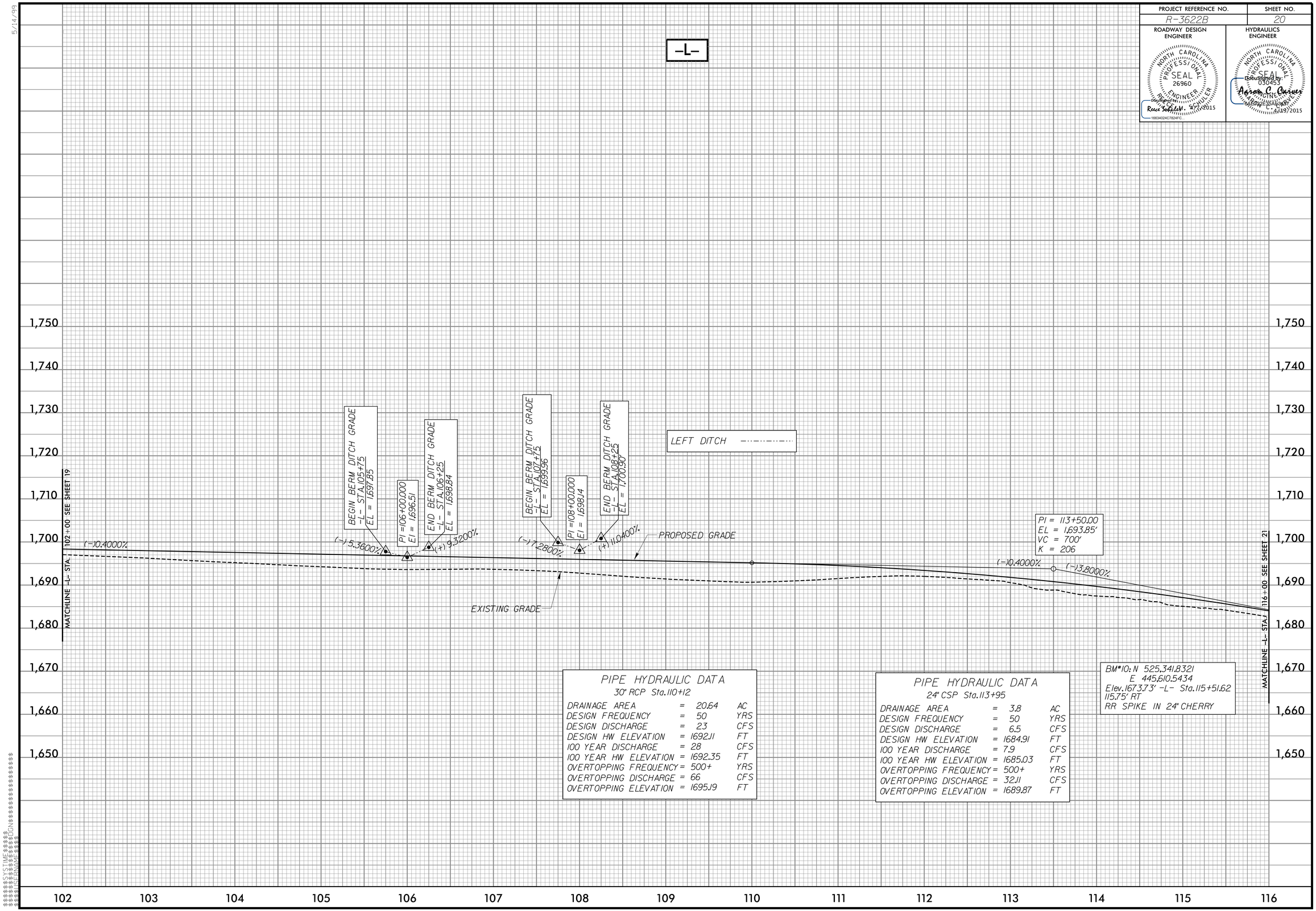
NORTH CAROLINA PROFESSIONAL SEAL 26960 ENGINEER

DocuSigned by: Rucs Schuler 166340240C7824FC... 4/19/2015

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 030453 ENGINEER

DocuSigned by: Aaron C. Casner C8F0A5C5A2C3A4... 4/19/2015



PIPE HYDRAULIC DATA
30" RCP Sta.110+12

DRAINAGE AREA	=	20.64	AC
DESIGN FREQUENCY	=	50	YRS
DESIGN DISCHARGE	=	23	CFS
DESIGN HW ELEVATION	=	1692.11	FT
100 YEAR DISCHARGE	=	28	CFS
100 YEAR HW ELEVATION	=	1692.35	FT
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING DISCHARGE	=	66	CFS
OVERTOPPING ELEVATION	=	1695.19	FT

PIPE HYDRAULIC DATA
24" CSP Sta.113+95

DRAINAGE AREA	=	3.8	AC
DESIGN FREQUENCY	=	50	YRS
DESIGN DISCHARGE	=	6.5	CFS
DESIGN HW ELEVATION	=	1684.91	FT
100 YEAR DISCHARGE	=	7.9	CFS
100 YEAR HW ELEVATION	=	1685.03	FT
OVERTOPPING FREQUENCY	=	500+	YRS
OVERTOPPING DISCHARGE	=	32.11	CFS
OVERTOPPING ELEVATION	=	1689.87	FT

BM#10: N 525,341.8321
E 445,610.5434
Elev.1673.73' -L- Sta.115+51.62
115.75' RT
RR SPIKE IN 24" CHERRY

$$$$SYSTIME$$$$
$$$$USER$$$$
$$$$DGN$$$$
$$$$CELL$$$$
$$$$LEVEL$$$$
$$$$LEVELS$$$$