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5/28/99

TGS ENGINEERS
706 HILLSBOROUGH ST. SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO.: C-0275

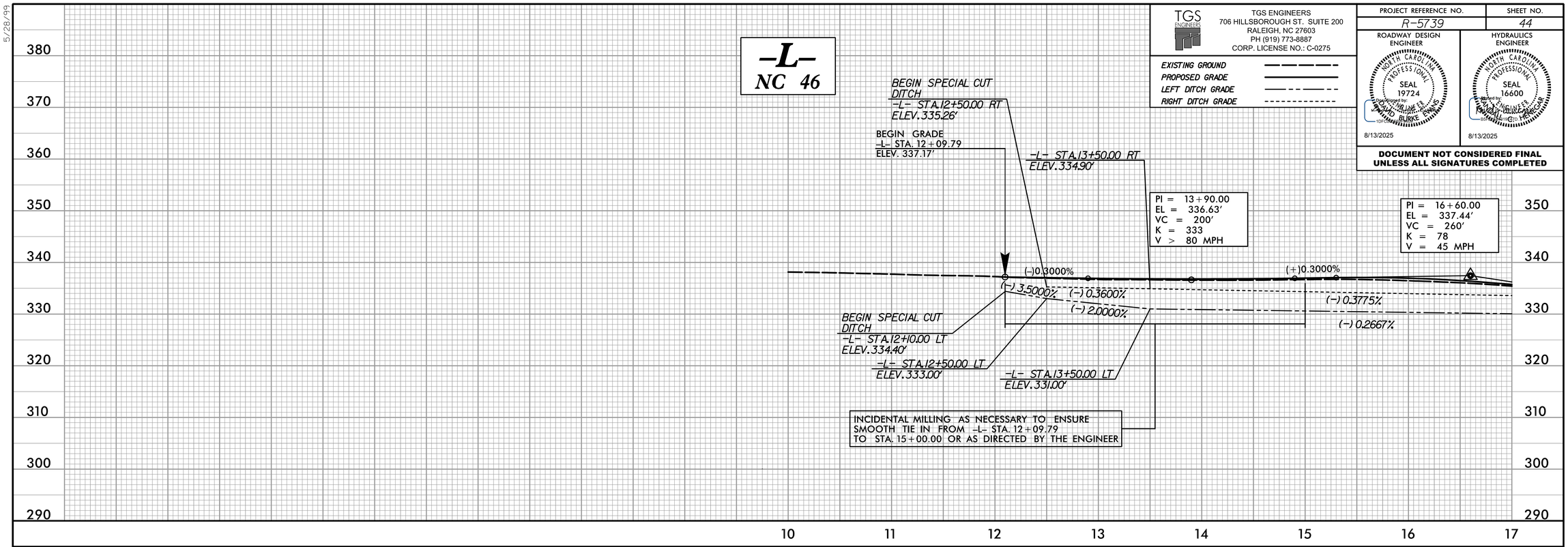
PROJECT REFERENCE NO.	SHEET NO.
R-5739	44

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 19724 — DAVID BURKE EVANS — 8/13/2025

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 16600 — MATTHEW C. HERGUAR — 8/13/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

EXISTING GROUND
PROPOSED GRADE
LEFT DITCH GRADE
RIGHT DITCH GRADE



PIPE HYDRAULIC DATA
*0501 -L- Sta. 24+10

DRAINAGE AREA	= 5.3	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 19	CFS
DESIGN HW ELEVATION	= 308.7	FT
100 YEAR DISCHARGE	= 20	CFS
100 YEAR HW ELEVATION	= 308.8	FT
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= N/A	FT

5/28/2025
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usarpevans