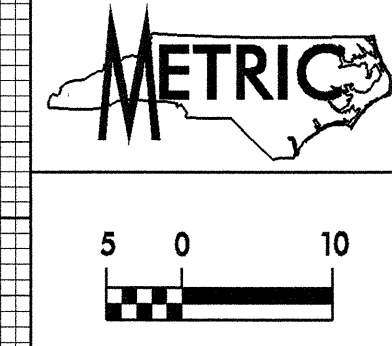
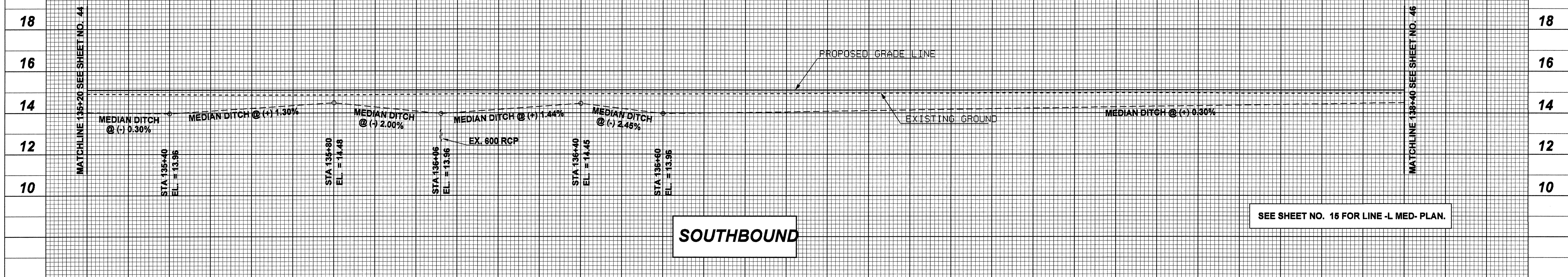


ROADWAY DESIGN BY:
TAYLOR • WISEMAN & TAYLOR
 ENGINEERS • SURVEYORS • PLANNERS
 G. P. S. • SUBSURFACE UTILITY ENGINEERING
 3500 REGENCY PARKWAY, SUITE H, CARY, N.C. 27511
 TELEPHONE NO. (919)297-0085 FAX NO. (919)297-0090



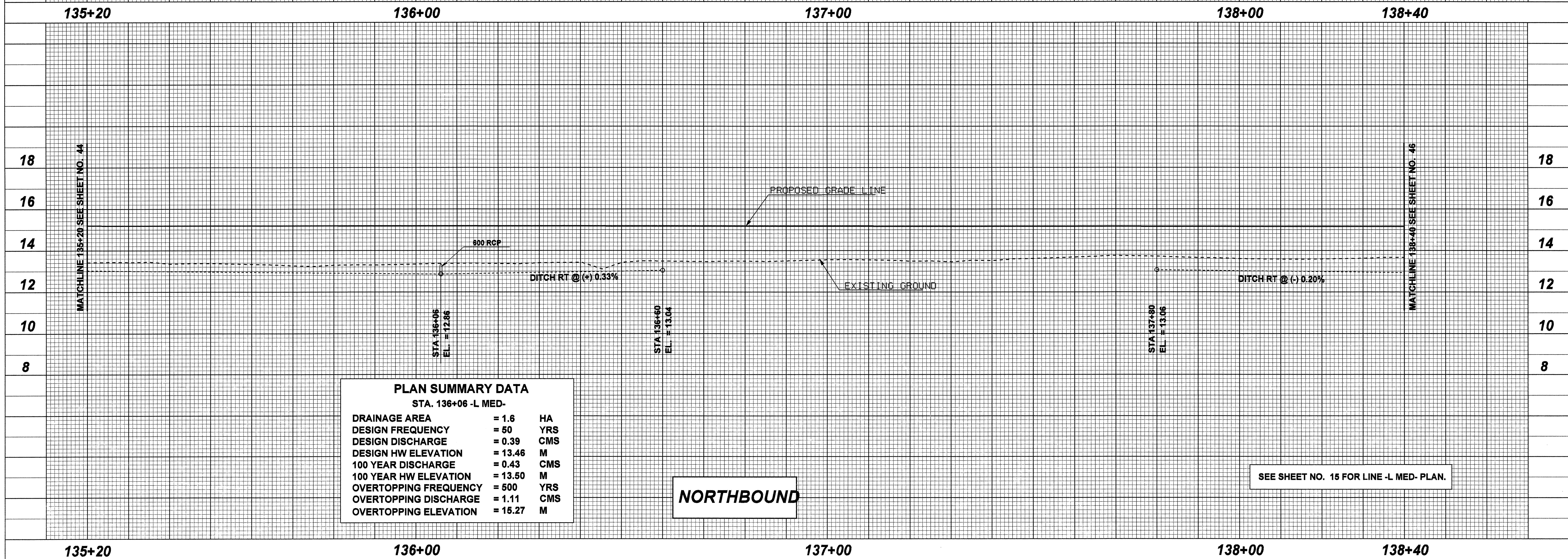
PROJECT REFERENCE NO. R-2514A
 SHEET NO. 45
 ROADWAY DESIGN ENGINEER
 HYDRAULICS ENGINEER
 NORTH CAROLINA PROFESSIONAL SEAL 02239
 JAMES H. JAYKO
 NORTH CAROLINA PROFESSIONAL SEAL 19775
 RAY D. LOVINGGOOD
 13 Oct/65

HYDRAULIC DESIGN :
TRANSYSTEMS CORPORATION
 4917 Waters Edge Drive, Suite 235
 Raleigh, NC 27606 (919) 233-8125



SOUTHBOUND

SEE SHEET NO. 16 FOR LINE -L MED- PLAN.



NORTHBOUND

SEE SHEET NO. 15 FOR LINE -L MED- PLAN.

PLAN SUMMARY DATA
 STA. 136+06 -L MED-

DRAINAGE AREA	= 1.6	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.39	CMS
DESIGN HW ELEVATION	= 13.46	M
100 YEAR DISCHARGE	= 0.43	CMS
100 YEAR HW ELEVATION	= 13.50	M
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 1.11	CMS
OVERTOPPING ELEVATION	= 15.27	M