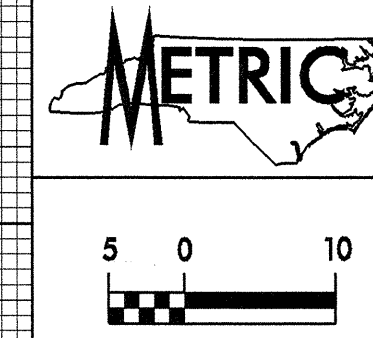


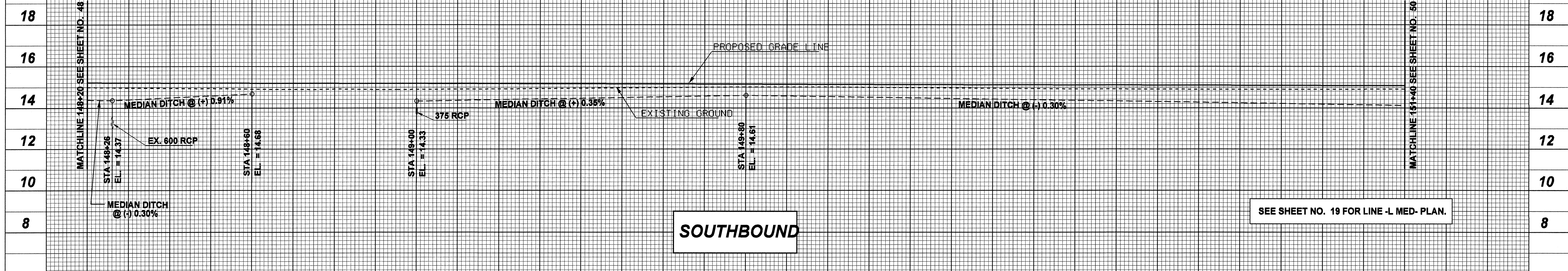
ROADWAY DESIGN BY:
TAYLOR • WISEMAN & TAYLOR
 ENGINEERS • SURVEYORS • PLANNERS
 G. P. S. • SUBSURFACE UTILITY ENGINEERING
 3500 REGENCY PARKWAY, SUITE H, CARY, N.C. 27511
 TELEPHONE NO. (919)297-0085 FAX NO. (919)297-0090



CONST. REV.
 R / W REV.

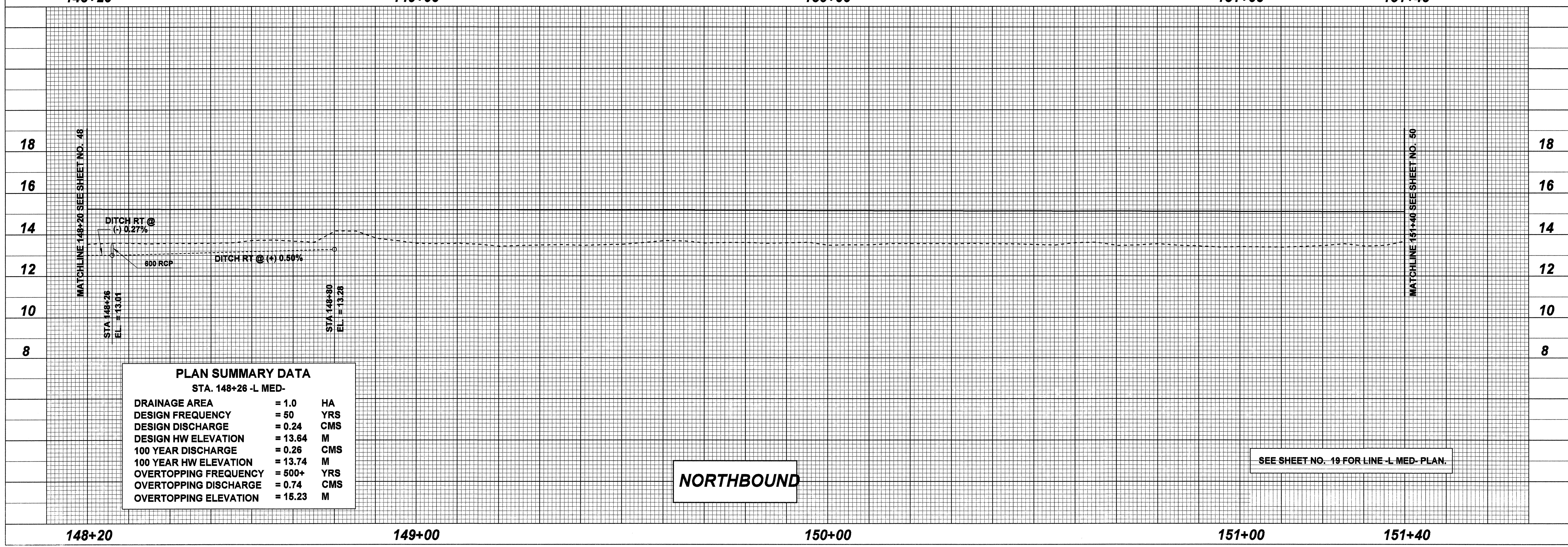
PROJECT REFERENCE NO. R-2514A	SHEET NO. 49
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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



SOUTHBOUND

SEE SHEET NO. 19 FOR LINE -L MED- PLAN.



NORTHBOUND

SEE SHEET NO. 19 FOR LINE -L MED- PLAN.

PLAN SUMMARY DATA		
STA. 148+26 -L MED-		
DRAINAGE AREA	= 1.0	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.24	CMS
DESIGN HW ELEVATION	= 13.64	M
100 YEAR DISCHARGE	= 0.26	CMS
100 YEAR HW ELEVATION	= 13.74	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 0.74	CMS
OVERTOPPING ELEVATION	= 15.23	M