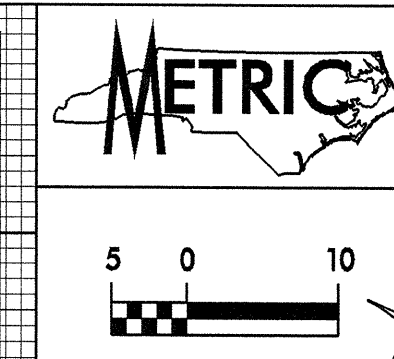


ROADWAY DESIGN BY:
TAYLOR • WISEMAN & TAYLOR
 ENGINEERS • SURVEYORS • PLANNERS
 G.P.S. • SUBSURFACE UTILITY ENGINEERING
 3500 REGENCY PARKWAY, SUITE H, CARY, N.C. 27511
 TELEPHONE NO. (919)297-0085 FAX NO. (919)297-0090



PROJECT REFERENCE NO. R-2514A	SHEET NO. 35
ROADWAY DESIGN ENGINEER JAMES H. JAYO	HYDRAULICS ENGINEER RAY D. LOYINGGOOD
HYDRAULIC DESIGN : TRANSYSTEMS CORPORATION	
497 Waters Edge Drive, Suite 235 Raleigh, NC 27606 (919) 233-8125	

PLAN SUMMARY DATA
 STA. 103+25 -L MED-

DRAINAGE AREA	= 1.3	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.16	CMS
DESIGN HW ELEVATION	= 12.26	M
100 YEAR DISCHARGE	= 0.17	CMS
100 YEAR HW ELEVATION	= 12.27	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 0.47	CMS
OVERTOPPING ELEVATION	= 13.74	M

