

PLAN SUMMARY DATA		
STA. 195+30 -L MED-		
DRAINAGE AREA	= 62.0	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 2.00	CMS
DESIGN HW ELEVATION	= 13.29	M
100 YEAR DISCHARGE	= 2.40	CMS
100 YEAR HW ELEVATION	= 13.64	M
OVERTOPPING FREQUENCY	= 50+	YRS
OVERTOPPING DISCHARGE	= 0.72	CMS
OVERTOPPING ELEVATION	= 13.98	M

PLAN SUMMARY DATA		
STA. 195+50 -L MED-		
DRAINAGE AREA	= 62.0	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 2.00	CMS
DESIGN HW ELEVATION	= 13.29	M
100 YEAR DISCHARGE	= 2.40	CMS
100 YEAR HW ELEVATION	= 13.62	M
OVERTOPPING FREQUENCY	= 50+	YRS
OVERTOPPING DISCHARGE	= 1.79	CMS
OVERTOPPING ELEVATION	= 13.98	M

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

**METRIC**

CONST. REV.  
 R / W REV.

PROJECT REFERENCE NO. R-2514A	SHEET NO. 63
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

BM 16 R/R SPIKE IN 8" GUM LOCATED  
 14.99M LT. OF BL STA 99+98.12  
 Elev. = 13.56

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

