

DETOUR STRUCTURE SURVEY & HYDRAULIC DESIGN REPORT

N.C. DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

HYDRAULICS UNIT

RALEIGH, N.C.

I.D. NO. _____ Project No. _____ Proj. Station _____

County _____ Stream _____ Str. No. _____

On Highway _____ Between _____ and _____

Recommended
Structure

Recommended Roadway Width _____ Skew _____

Recommended Location is (Up, At, Down) Stream from Existing Crossing

Benchmark is

_____ Elev. _____ ft. Datum _____ ft.

Superstructure Depth (3' assumed unless otherwise noted) _____ ft.

Recommended Grade Point at Structure _____ ft.

DESIGN DATA

Frequency	Discharge	Elevation (U/S)	Velocity (D/S)
_____ yr.	_____ c.f.s.	_____ ft.	_____ ft/s

SITE DATA

Drainage Area _____ Normal Water Surface Elev. _____ ft.

Allowable HW Elev. _____ ft.

ADDITIONAL INFORMATION

Note: See attached drawing for any additional notes

Designed by: _____

Assisted by: _____

Project Engineer: _____

Reviewed by: _____

