

DEPARTMENT OF TRANSPORTATION
LOCATION AND DESIGN
STRUCTURE AND BRIDGE DATA SHEET

Project: _____ City/County: _____
Federal Route Base No. _____ Situation data for design of bridge on Route _____
over _____
Plane Coordinates or Latitude and Longitude from Transportation Department County Map _____
Date of Survey: _____ Location (Nearest Town, etc. _____

GENERAL INSTRUCTIONS

Fill out all blanks carefully, giving information on all points. High water data is especially important and should be thoroughly investigated. Comments on any item covered in Survey Instruction Manual which are not covered below should be noted on an attached sheet.

HYDRAULIC SURVEY

1. EXISTING STRUCTURE

Existing structure is any structure at, upstream, or downstream from the proposed site having comparable drainage area.

Date of original construction: _____
Was present bridge in place at time of extreme high water? _____
Has bridge ever been washed out? _____ Date _____ Mo. _____ Yr. _____
Explain what portion of bridge or approaches that have been washed out: _____

Elevation of maximum high water:
Upstream side of existing structure _____
Downstream side of existing structure _____
_____ Ft. upstream of existing structure _____
_____ Ft. downstream of existing structure _____
At other locations on the flood plain (describe) _____

Date of maximum high water: _____ Mo. _____ Yr. _____ Source of information _____

2. STREAM FLOW DATA AT PROPOSED SITE

Elevation of maximum high water of this stream at proposed location if different from data for existing site:
_____ Ft. on upstream side of proposed _____
_____ Ft. on downstream side of proposed _____
At other locations on the flood plain (describe) _____

Date: _____ Mo. _____ Yr. _____ Source of information _____

Elevations of highest backwater caused by another stream _____
Date: _____ Stream Name _____
Source of information _____