## Appendix 12C-1 LD-23 Structure and Bridge Data Sheet

## COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DATA SHEET

Project	County
Federal Route Base No	County Situation data for design of bridge on Route
	d Longitude from Transportation Department County Map
Date of Survey:	Location (Nearest Town, etc.)
	GENERAL INSTRUCTION
	information on all points. High water data is especially important and d. Comments on any item covered in Survey Instruction Manual which are ed on an attached sheet.
	HYDRAULIC SURVEY
drainage area. Date of original construction:	EXISTING STRUCTURE     at, upstream, or downstream from the proposed site have comparable
Was present bridge in place at tin	ne of extreme high water?
Has bridge ever been washed ou	t?Yr
	approaches have been washed out:
Elevation of maximum high water	
	re
Downstream side of existing struc	cture
Ft. upstream of existing	structure
	ing structure
At other locations on the flood pla	
At other locations on the flood pla	iii (describe)
Date of maximum high water:	MoYrSource of information
	No11ocaroo or information
2 :	STREAM FLOW DATA AT PROPOSED SITE
	of this stream at proposed location if different from data for existing site:
Ft. on upstream side of Pr	
	roposedf proposed
	in (describe)
Date:NoYr	_Source of information
Elevations of highest backwater of	caused by another stream
	tream name
Source of information	
Elev of normal water: (A	verage) Elev. of extreme low water
Date:Mo	Yr
Source of information	
	ft /ooo \/olooity of ourrent at normal water ft /ooo
velocity of current at high water	ft./sec. Velocity of current at normal waterft./sec.
	3. SITE CONDITIONS
Amount and character of drift duri	ing a freshet or flood:
Amount and character of ice:	
Description and location of scour:	

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Bed of stream consists mainly of: mud, silt, clay, sand, gravel, cobbles, boulders, soft solid rock, stratified rock, hard rock, silt sedimentation, deposition of large stones, is this material loose or well compacted:
Comments on stream ecology and wild life habitat:
4. INFLUENCE & CONTROL OF SITE Location and condition of dams upstream or downstream that will affect high water or discharge at this site
Location and description of any water-gaging stations in the immediate vicinity:
Elevation on gage corresponds to elev on survey datum.  Extent to which sinkholes affect runoff, etc.:
Brief description of usage of stream for navigational purposes. By small boats, etc
Railroad Grade Separation Structure Site Data  Railroad milepost No. of tracks
Owner of existing structure
Owner of grade crossing to be eliminated
Date of original construction of any railroad structure being replaced or within approximately 500 feet of the site of a proposed overpass
Conditions of existing cut slopes, whether stable, eroded, et cetera Are ditches open, maintained, et cetera  NOTE: Show cross-section of existing railroad is at right angles to centerline crossing, with all dimensions on bridge situation plan. This cross-section should extend from top of cut to toe of fill.
REMARKS