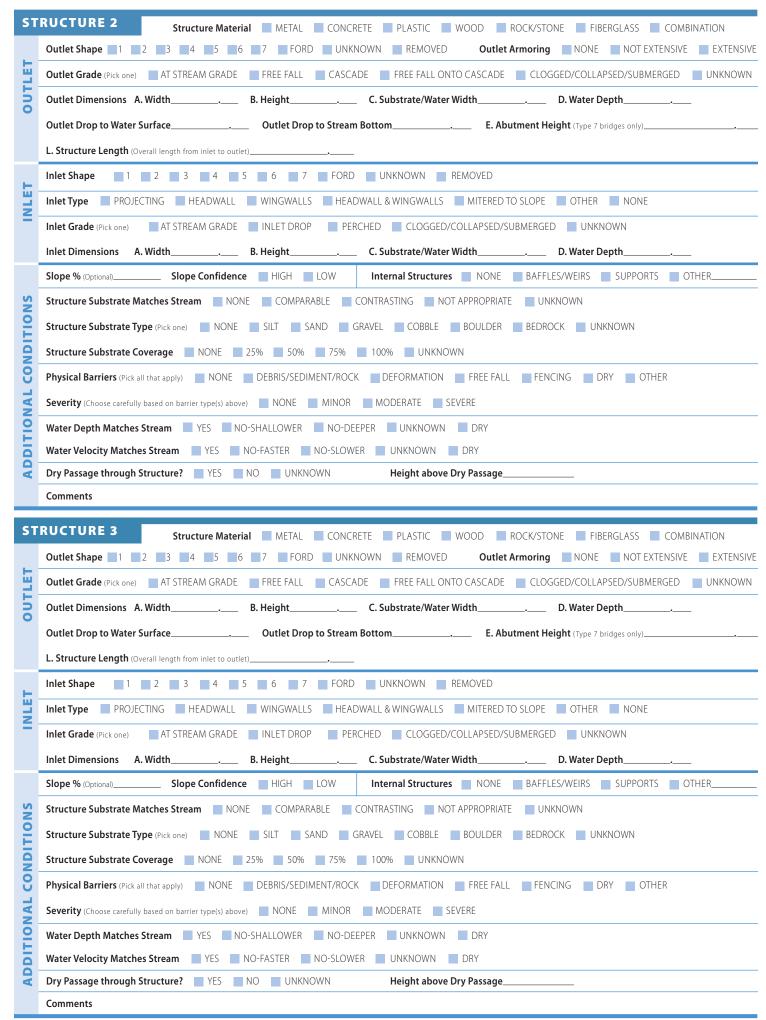
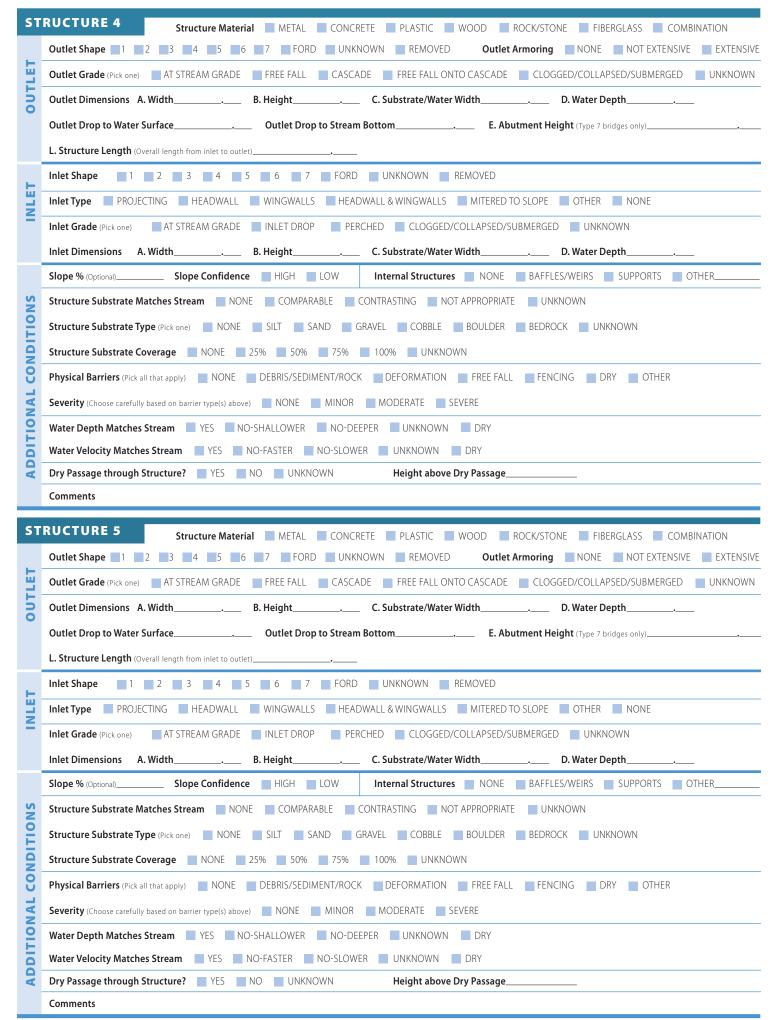


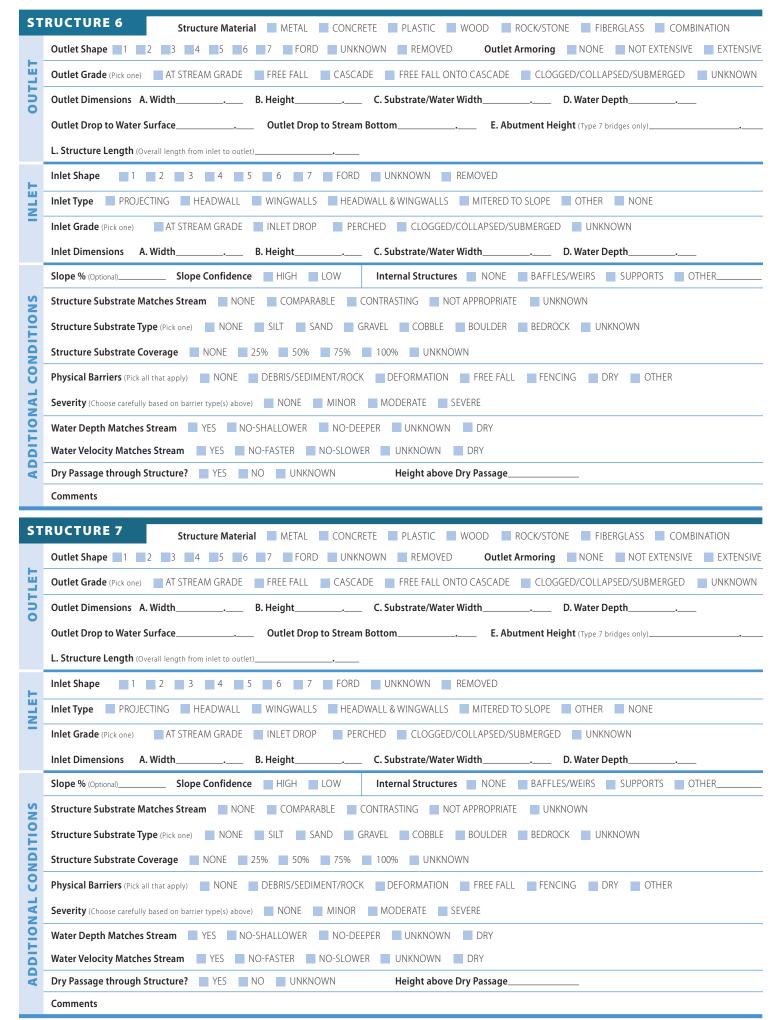
## Stream Crossing Survey

DATABASE ENTRY BY	ENTRY DATE	
DAIADASE ENTINI DI	ENTITI DATE	
DATA ENTRY REVIEWED BY	REVIEW DATE	

⋖	Crossing CodeLocal ID (Optional)	
DATA	Date Observed (00/00/0000)Lead Observer	
U Z	Town/CountyStream	
SSIN	RoadType MULTILANE PAVED UNPAVED DRIVEWAY TRAIL RAILROAD	
CRO	GPS Coordinates (Decimal degrees) • N Latitude • W Longitude	
	Location Description	
	Crossing Type BRIDGE CULVERT MULTIPLE CULVERT FORD NO CROSSING REMOVED CROSSING Number of Culverts/ Bridge Cells  BURIED STREAM INACCESSIBLE PARTIALLY INACCESSIBLE NO UPSTREAM CHANNEL BRIDGE ADEQUATE	
	Photo IDs INLETOUTLETUPSTREAMDOWNSTREAMOTHER	
	Flow Condition NO FLOW TYPICAL-LOW MODERATE HIGH Crossing Condition OK POOR NEW UNKNOWN	
	Tidal Site YES NO UNKNOWN Alignment FLOW-ALIGNED SKEWED (>45°) Road Fill Height (Top of culvert to road surface; bridge = 0)	
	Bankfull Width (Optional) Confidence HIGH LOW/ESTIMATED Constriction SEVERE MODERATE SPANS ONLY BANKFULL/	
	Tailwater Scour Pool NONE SMALL LARGE SPANS FULL CHANNEL & BANKS	
	Crossing Comments	
STRUCTURE 1 Structure Material METAL CONCRETE PLASTIC WOOD ROCK/STONE FIBERGLASS COMBINATION		
	Outlet Shape 1 2 3 4 5 6 7 FORD UNKNOWN REMOVED Outlet Armoring NONE NOT EXTENSIVE EXTENSIVE	
9	Outlet Grade (Pick one) AT STREAM GRADE FREE FALL CASCADE FREE FALL ONTO CASCADE CLOGGED/COLLAPSED/SUBMERGED UNKNOWN	
OUT	Outlet Dimensions A. Width B. Height C. Substrate/Water Width D. Water Depth	
	Outlet Drop to Water Surface Outlet Drop to Stream Bottom E. Abutment Height (Type 7 bridges only)	
	L. Structure Length (Overall length from inlet to outlet)	
INLET	Inlet Shape 1 2 3 4 5 6 7 FORD UNKNOWN REMOVED	
	Inlet Type   ■ PROJECTING   ■ HEADWALL   ■ WINGWALLS   ■ HEADWALL & WINGWALLS   ■ MITERED TO SLOPE   ■ OTHER   ■ NONE	
	Inlet Grade (Pick one) ■ AT STREAM GRADE ■ INLET DROP ■ PERCHED ■ CLOGGED/COLLAPSED/SUBMERGED ■ UNKNOWN	
	Inlet Dimensions A. Width B. Height C. Substrate/Water Width D. Water Depth	
DITIONAL CONDITIONS	Slope % (Optional) Slope Confidence	
	Structure Substrate Matches Stream NONE COMPARABLE CONTRASTING NOT APPROPRIATE UNKNOWN	
	Structure Substrate Type (Pick one) NONE SILT SAND GRAVEL COBBLE BOULDER BEDROCK UNKNOWN	
	Structure Substrate Coverage NONE 25% 50% 75% 100% UNKNOWN	
	Physical Barriers (Pick all that apply) NONE DEBRIS/SEDIMENT/ROCK DEFORMATION FREE FALL FENCING DRY OTHER	
	Severity (Choose carefully based on barrier type(s) above) NONE MINOR MODERATE SEVERE	
110	epth Matches Stream YES NO-SHALLOWER NO-DEEPER UNKNOWN DRY	
	Water Velocity Matches Stream ■ YES ■ NO-FASTER ■ NO-SLOWER ■ UNKNOWN ■ DRY	
AD	Dry Passage through Structure? YES NO UNKNOWN Height above Dry Passage	
	Comments	



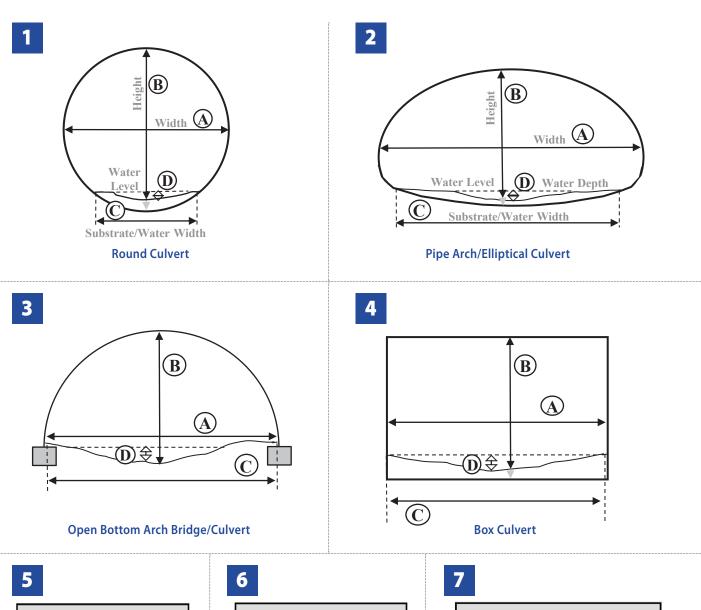


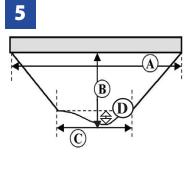


## **Structure Shape & Dimensions**

- 1) Select the Structure Shape number from the diagrams below and record it on the form for Inlet and Outlet Shape.
- Record on the form in the approriate blanks dimensions A, B, C and D as shown in the diagrams;
   C captures the width of water or substrate, whichever is wider; for dry culverts without substrate, C = 0.
   D is the depth of water -- be sure to measure inside the structure; for dry culverts, D = 0.
- 3) Record Structure Length (L). (Record abutment height (E) only for Type 7 Structures.)
- 4) For multiple culverts, also record the Inlet and Outlet shape and dimensions for each additional culvert.

**NOTE:** Culverts 1, 2 & 4 may or may not have substrate in them, so height measurements (B) are taken from the level of the "stream bed", whether that bed is composed of substrate or just the inside bottom surface of a culvert (grey arrows below show measuring to bottom, black arrows show measuring to substrate).





**Bridge with Side Slopes** 

