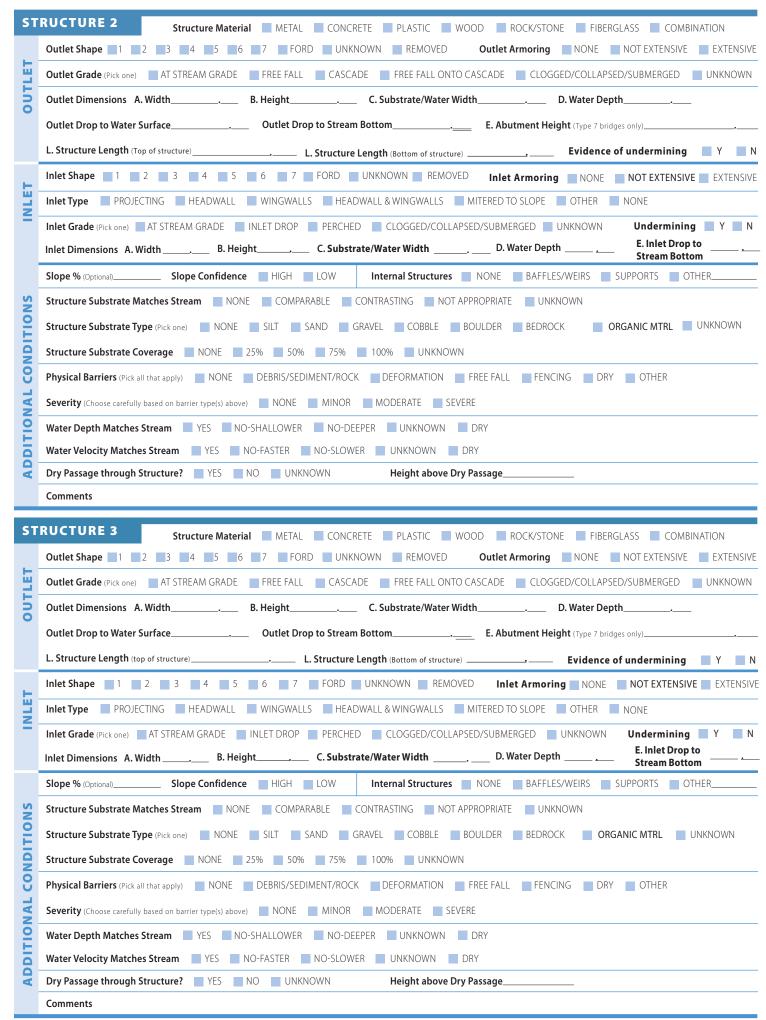
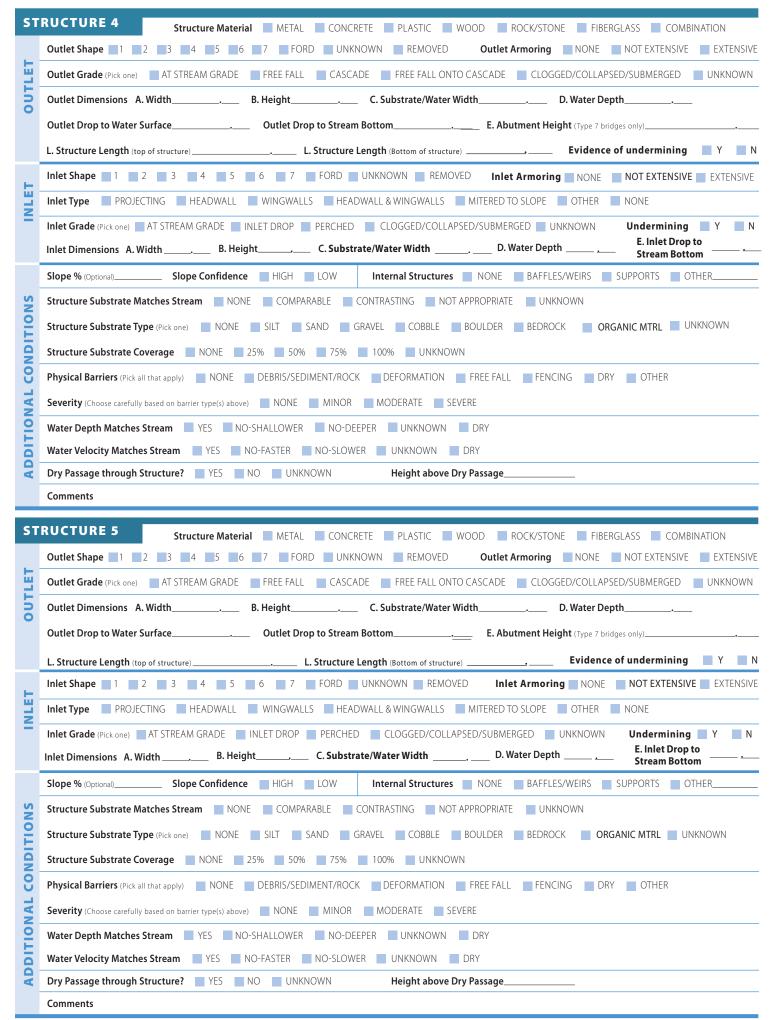


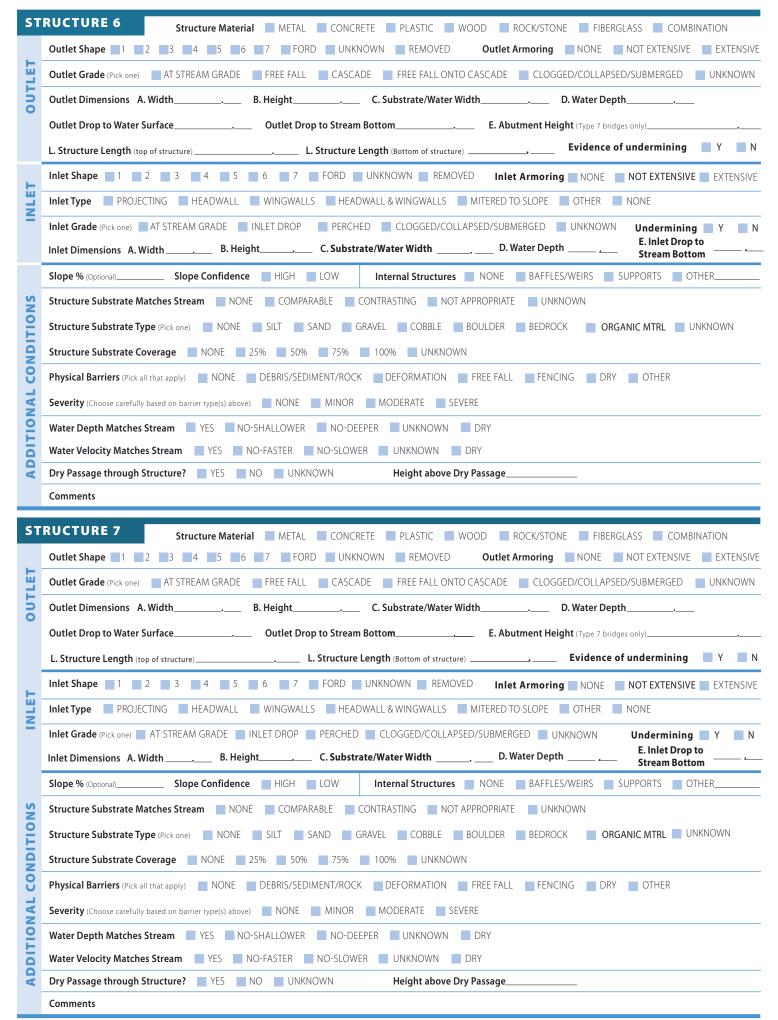
Stream Crossing Survey

DATABASE ENTRY BY	ENTRY DATE
DATA ENTRY REVIEWED BY	REVIEW DATE

	Crossing CodeLocal ID (Optional)		
	Date Observed (00/00/0000)Lead Observer		
	Town/CountyStream		
	RoadType MULTILANE PAVED UNPAVED DRIVEWAY TRAIL RAILROAD		
⋖	GPS Coordinates (Decimal degrees)		
AT	Location Description		
CROSSING D	Crossing Type BRIDGE CULVERT MULTIPLE CULVERT FORD NO CROSSING REMOVED CROSSING Number of Culverts/ Bridge Cells BURIED STREAM NACCESSIBLE PARTIALLY INACCESSIBLE NO UPSTREAM CHANNEL BRIDGE ADEQUATE		
	Photo IDs INLETOUTLETUPSTREAMDOWNSTREAMOTHER		
	Flow Condition NO FLOW TYPICAL-LOW MODERATE HIGH Crossing Condition OK POOR NEW UNKNOWN FAILING		
	Tidal Site YES NO UNKNOWN Alignment FLOW-ALIGNED SKEWED (>45°) Road Fill Height (Top of culvert to road surface; bridge = 0)		
	Stream Wetted Channel Wetted Channel Bankfull Width Confidence HIGH LOW/ESTIMATED Constriction SEVERE MODERATE SPANS ONLY BANKFULL/ ACTIVE CHANNEL		
	Tailwater Scour Pool NONE SMALL LARGE NONE SMALL LARGE NONE SMALL LARGE Riparian Vegetation Overstory Understory Ground level High High High High High High Aligh NONE SMALL LARGE Riparian Vegetation Overstory Understory Ground level High High High High High High High		
	Low Low Low Low Low BATS PRESENT? Y		
ST	STRUCTURE 1 Structure Material METAL CONCRETE PLASTIC WOOD ROCK/STONE FIBERGLASS COMBINATION		
UTLET	Outlet Shape 1 2 3 4 5 6 7 FORD UNKNOWN REMOVED Outlet Armoring NONE NOT EXTENSIVE EXTENSIVE		
	Outlet Grade (Pick one) AT STREAM GRADE FREE FALL CASCADE FREE FALL ONTO CASCADE CLOGGED/COLLAPSED/SUBMERGED UNKNOWN		
00	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 (Top of structure), L. Structure Length (Bottom of structure), Evidence of undermining Y N		
b.	Inlet Shape 1 2 3 4 5 6 7 FORD UNKNOWN REMOVED Inlet Armoring NONE NOT EXTENSIVE EXTENSIVE		
NE	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 Undermining Y N E. Inlet Drop to		
	Inlet Dimensions A. Width B. Height C. Substrate/Water Width D. water Depth Stream Bottom		
	Slope % (Optional) Slope Confidence HIGH LOW Internal Structures NONE BAFFLES/WEIRS SUPPORTS OTHER		
NDITIONS	Structure Substrate Matches Stream NONE COMPARABLE CONTRASTING NOT APPROPRIATE UNKNOWN		
Ë	Structure Substrate Type (Pick one) NONE SILT SAND GRAVEL COBBLE BOULDER BEDROCK ORGANIC MTRL UNKNOWN		
ND	Structure Substrate Coverage NONE 25% 50% 75% 100% UNKNOWN		
00 -	Physical Barriers (Pick all that apply) NONE DEBRIS/SEDIMENT/ROCK DEFORMATION FREE FALL FENCING DRY OTHER		
NAI	Severity (Choose carefully based on barrier type(s) above) NONE MINOR MODERATE SEVERE		
DITIONAL	Water Depth Matches Stream YES NO-SHALLOWER NO-DEEPER UNKNOWN DRY		
DDI	Water Velocity Matches Stream YES NO-FASTER NO-SLOWER UNKNOWN DRY		
AL	Dry Passage through Structure? YES NO UNKNOWN Height above Dry Passage		
	Comments		



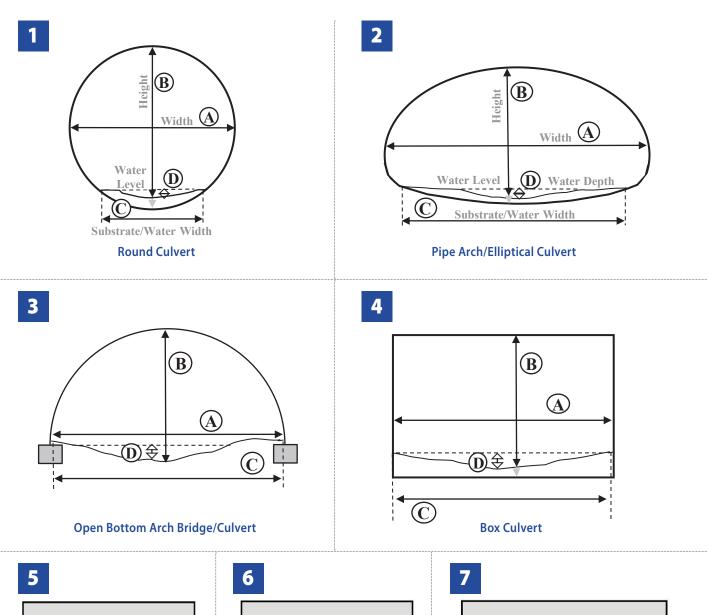




Structure Shape & Dimensions

- 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).



Abutments

