5/12/2012	Data entry by Date							
Field Data Form: Road-Stream Crossing Inventory	Reviewed by Date							
Coordinator Crossing ID#								
Stream/River: Road:	Town:							
Flow condition: □ Unusually low □ Typical low-flow	□ Average flow □ Higher than average							
GPS Coordinates (lat/long):								
Decimal degrees	W							
OR \Box Degrees, minutes, seconds North: D	MS							
West: D_	M S							
Date: Location:	_Observer:							
Photo IDs:								
Road/Railway Characteristics								
Road surface: Paved Unpaved Railroad								
Road type: 1-Lane road 2-Lane road Multilane road	Divided highway 🛛 Railroad 🛛 Buried stream							
Crossing/Stream Characteristics (during generally low-flow ca	onditions)							
Crossing type: □ Ford □ Bridge □ Open bottom arch □ Sin	gle culvert							
Removed No crossing								
Condition of crossing:	□ Excellent □ Fair □ Poor							
Does the stream at the crossing support fish?	□ Not likely □ Don't know							
Is the stream flowing?	□ No							
Crossing span: □ Severe constriction □ Mild constriction □ Sp	oans bank to bank 🛛 🛛 Spans channel & banks							
Tailwater Scour pool: □ None □ Small (wider or deeper than a second seco	stream)							
Crossing alignment matches stream? □ Yes (flow aligned)	□ No (skewed)							
Culvert/Bridge Cell Characteristics (Culvert/cell #1; use page 3	for additional culverts or cells)							
Structure embedded?	ded							
Structure substrate:	□ Inappropriate □ Contrasting □ Comparable							
Internal features] Weir(s)							
Physical Barriers to fish and wildlife passage:	□ Moderate □ Minor □ None							
Describe any barriers:								
Is there a clear line of sight through the structure?	□ No							
Does the structure provide dry passage suitable for use by terrestria	Il wildlife? □ Yes □ No							
If yes, what is the maximum structure height in the portion that offers dry passage?Feet								
Comments								
For the following questions use as a reference a portion of the natural stream channel that is outside the influence of the crossing structure and not otherwise altered.								
Water depth matches stream? □ Yes (comparable) □ No	o (deeper) 🛛 No (shallower) 🖓 Dry							
Water velocity matches stream?	o (slower) □ No (faster) □ Dry							
Crossing Slope matches stream? □ Yes (comparable) □ No	o (flatter) □ No (steeper)							

B 1. Open Bottom Arch	2. Bridge with Abutments	3. Bi	B C C C C C C C C C C C C C C C C C C C				
A B C A Bridge w/ Side Slopes & Abutments Rot	A 6. Ellip	B ptical Culvert	B 7. Box Culvert				
 8. Round Culvert Embedded or with Persistent Water 9. Elliptical Culvert Embedded or with Persistent Water 							
Length of stream through crossing:Feet							
Inlet Structure Type (from above):	□1. □2. □3. □4	I. □5. □6.	□7. □8. □9. □Ford				
Inlet Dimensions: A)(ft.) B)	(ft.) C)	(ft.) D)	(ft.)				
Inlet Water Depth (max depth inside the st	ructure at the inlet):	Inches	Measured Estimate				
Inlet Drop	□ None, or if present	Inches	Measured Estimate				
Outlet Structure Type (from above):	□1. □2. □3. □4	I. □5. □6.	□7. □8. □9. □Ford				
Outlet Dimensions: A)(ft.) B)			(ft.) 🛛 Submerged				
Outlet Dimensions: A)(ft.) B) Outlet Water Depth (max depth inside the state)	(ft.) C)	(ft.) D)					
	(ft.) C)	(ft.) D)					
Outlet Water Depth (max depth inside the s	(ft.) C)structure at the outlet):	(ft.) D) Inches					
Outlet Water Depth (max depth inside the s Outlet Drop	(ft.) C) structure at the outlet): □ None, or if present	(ft.) D) Inches Inches	Measured Estimate				
Outlet Water Depth (max depth inside the s Outlet Drop a. Culvert bottom to water surface	(ft.) C) structure at the outlet): □ None, or if present □ None, or if present	(ft.) D) Inches Inches Inches	 Measured Measured Estimated Measured Estimated 				
Outlet Water Depth (max depth inside the s Outlet Drop a. Culvert bottom to water surface b. Culvert bottom to stream bed	(ft.) C) structure at the outlet): None, or if present None, or if present Cascade □ Fre	(ft.) D) Inches Inches Inches	 Measured Estimated Measured Estimated Measured Estimated No drop 				

STRUCTURE WORKSHEET FOR MULTIPLE CULVERT OR BRIDGE CELL CROSSINGS Crossing ID#_

Note: When inventorying multiple culverts or bridge cells, label left culvert/cell #1 and go in increasing order from left to right from downstream end (outlet) looking upstream.

Culvert or Bridge C	ell #											
Culvert/Bridge Cell	Character	istics										
Structure embedded?	□ Not	t embedde	d	🗆 Partia	ally em	beddeo	d 🗆	Fully	embedd	led [] No Bottom	1
Structure substrate:	□ None (sm	nooth) 🗆 N	lone (r	ough/c	orruga	ted) 🗆	Inappro	priate		trasting	Compara	able
Internal features	□ None	□ Slip line	d 🗆	Baffle	s/Sills		Veir(s)	□ S	support s	structure	S	
Physical Barriers to fis	h and wildlif	e passage	:	□ Se	evere	I	□ Mode	rate		/linor	□ None	
Describe any barrie	ers:											
Is there a clear line of sight through the structure? I Yes												
Does the structure pro	vide dry pas	sage suita	ble foi	r use b	y terre	estrial v	wildlife	?	□ Y	′es	□ No	
If yes, what is the r	naximum str	ucture hei	ght in	the po	rtion t	hat off	ers dry	pass	age?		_Feet	
Comments												
For the following		e as a refe of the cro								l that is	outside the	e
Water depth matches s	stream?	□ Yes	(comp	barable)	□ No (deeper))	□ No (s	hallowe	r) 🗆 Dr	у
Water velocity matches	s stream?	□ Yes	(comp	barable)	□ No (slower)		□ No (fa	aster)	🗆 Dr	у
Crossing Slope matche	es stream?	🗆 Yes	(comp	barable)	□ No (flatter)		□ No (s	teeper)		
Length of stream through crossing:Feet												
Inlet Structure Type:			□1.	□ 2.	□ 3.	□ 4.	□ 5.	□ 6.	□ 7.	□ 8.	□9. □Fo	rd
Inlet Dimensions:	A)	_(ft.) B)		_ (ft.) C	;)		(ft.) D) _			(ft.)	□ Submer	ged
Inlet Water Depth (max depth inside the structure at the inlet): Inches Depth (max depth inside the structure at the inlet):						ated						
Inlet Drop				nt	_ Inche	S	□ Me					
Outlet Structure Type:			□1.	□ 2.	□ 3.	□ 4.	□ 5.	□ 6.	□ 7.	□ 8.	□9. □Fo	rd
Outlet Dimensions:	A)	_(ft.) B)		_ (ft.) C	;)		(ft.) D)			(ft.)	Submerg	ged
Outlet Water Depth (ma	ax depth insi	de the stru	ucture	at the	outlet):	In	ches	□ Me	asured	🗆 Estima	ated
Outlet Drop												
a. Culvert botto	om to water s	surface 🗆	None,	or i	fprese	ent	_ Inche	s	□ Me	asured	🗆 Estima	ated
b. Culvert botto	om to stream	bed 🛛	None,	or i	fprese	ent	_ Inche	s	□ Me	asured	🗆 Estima	ated
c. With an outle	∍t drop, chec	k one:		Cascad	le 🗆	Freefa	all 🗆	Free	fall onto	cascad	e 🗆 No dı	ор
Armored streambed at	outlet?			Extens	ive		Not exte	ensive		None		