

CULVERT SCOPING SUMMARY										2													
Existing Culvert Characteristics																							
Diameter:		in.		Span:		in.		Rise:		in.		Culvert Length:		ft.									
Inlet Condition		☐ Channel Scour			☐ Deposition			☐ Debris Buildup			☐ Damaged End												
		☐ Other Issues:						Slope:			%												
Comments:																							
Barrel Condition		☐ Corrosion				☐ Debris Buildup				☐ Sediment Accumulation													
		☐ Abrasion				☐ Structural Damage				☐ None Applicable													
		☐ Horizontal Alignment Breaks						☐ Vertical Alignment Breaks															
		☐ Other Issues:																					
Comments:																							
Outlet Condition		☐ Scour hole			☐ Backwatered			☐ Debris Buildup			☐ None Applicable												
		☐ Perched						Outlet Elevation Drop:			ft.												
								Scour Hole Depth:			ft.												
		☐ Other Issues:						Slope:			%												
Comments:																							
Estimated Flow: (during scoping visit)				cfs		☐ No Flow																	
General Considerations																							
Identify Physical Restrictions		☐ Right-of-way				☐ Utility Conflicts				☐ Vegetation													
		☐ Natural Features				☐ Man-made Features				☐ Access													
		☐ Other:																					
Comments:																							
Active Channel Width Measurements:						☐ No measurements taken																	
1		ft		2		ft		3		ft		4		ft		5		ft		Avg.		ft	
Bank full Measurements:						☐ No measurements taken																	
1		ft		2		ft		3		ft		4		ft		5		ft		Avg.		ft	
Downstream Slope:						%		Long Profile Slope:						%									
Manning's n-value				Left Overbank						Main Channel						Right Overbank							

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Additional Needs					
Is CCTV Needed			☐ Yes	☐ No	
Is Survey Needed			☐ Yes	☐ No	
Proposed Project Type	☐ Replacement In-kind		☐ Culvert Repair		
	Culvert Length:	ft.	Finished Dimensions:	in.	
ODFW Fish Presence:					
Native Migratory Fish Presence:		☐ Yes		☐ NO	
Design Species/ Life Stage	☐ All Species		Data Source: ODFW Contact: Date:		
	☐ Adult Anadromous Salmonids				
	☐ Adult Non-Anadromous Salmonids				
	☐ Juvenile Salmonids				
	☐ Native Non-Salmonids				
	☐ Lamprey Species				
	☐ Non-Native Species				
Fish Passage Plan					
Identify Fish Passage Issues at Site:	☐ Outlet Jump Height		☐ Velocity		
	☐ Flow Depth		☐ Inlet Conditions		
	☐ Other:				
Corrective Actions to Improve Passage Issues:	In Barrel Treatments:				
	☐ Fish Rocks/Shadow Blocks		☐ Baffles/Weirs		
	☐ Other:				
	Out of Barrel Treatments:				
	☐ Rock Weir(S)		☐ Channel Regrading		
	☐ Other: Fish rocks and minor sediment adjustments at the inlet and outlet				
Are there other known fish barriers in the vicinity of this crossing?		☐ Yes (describe below)		☐ No	
		Barrier Description:			
Jump Height Issues: (Can the jump height issues be addressed or minimized?)		☐ Yes		☐ No (explain below)	
		Explanation:			
Preliminary Fish Improvement Design Acceptance: (sign/initial)		ODOT Representative:		ODFW Representative:	