APPENDIX A – FLH CULVERT ENTRY DIAGRAM AND ASSESSMENT FORM



FLH CULVERT ASSESSMENT FORM								Overall Ratin	g	
Notes by:			D	ate:			Project:	Good		
Measurements by:			т	ime: _				Fair		
Site Information:								Poor		
Facility Location:					La	t/Lor	ng	Critical		
Milepost: Project Station:					GF	'S R	oad CL Waypoint No	Unknown		
Named waterway: Direction							on of Flow:	Performance Prob	olems	
No. of Barrels: Barrel Length (approx): Barrel Slope: Mild / Steep /										
Skew (0 degrees = perpendicular to road):					Approx		ver: Upstream Down	stream		
Barrel Shape (circle one)	(Circular	В	ох	Elli	ptica	al Pipe Arch Arch			
	I	Diameter: _		_ /	Span		x Rise			
Pipe Material (circle one): Metal - Concrete / RCP - Corrugated Plastic - Smooth Plastic - Timber – Masonry										
Appurtenances (circle one):										
Upstream : Projecting / Mitered / Headwall / Headwall & Wingwalls / Flared End Section /										
Downstream : Projecting / Mitered / Headwall / Headwall & Wingwalls / Flared End Section /										
Flowing or standing water? N / Y Depth:(ft) Est. Flow Velocity:(ft/s) Possible AOP/fish passage? Y / N										
Utilities Present (list)? Y / N Possible historic features? Y / N Open Bottom? Y / N										
Culvert Condition and Performance (circle / check all that apply and provide appropriate explanations below)										
Category Rating						Performance Problems Requiring Level 1 Action				
Invert deterioration	Good	Fair Poor	Crit	Unk	N/A		Debris/Veg Blockage > 1/3 of rise	at inlet or outlet		
Joints & Seams	Good	Fair Poor	Crit	Unk	N/A		Sediment Blockage 1/3 to 3/4 of ri	se at inlet/outlet		
Corrosion / Chemical	Good	Fair Poor	Crit	Unk	N/A		Buoyancy or Crushing-Related Inl	et Failure		
Cross-Section Deform	Good	Fair Poor	Crit	Unk	N/A		Poor Channel Alignment			
Cracking	Good	Fair Poor	Crit	Unk	N/A		Previous and/or Frequent Overtop	pping		
Liner / Wall	Good	Fair Poor	Crit	Unk	N/A		Local Outlet Scour			
Mortar and Masonry	Good	Fair Poor	Crit	Unk	N/A		Performance Problems Requi	iring Level 2 Actio	on	
Rot and Marine Borers	Good	Fair Poor	Crit	Unk	N/A		Embankment Piping			
Headwall/Wingwall	Good	Fair Poor	Crit	Unk	N/A		Channel Degradation / Headcut	(circle one)		
Apron	Good	Fair Poor	Crit	Unk	N/A		Embankment Slope Instability			
Flared End Section	Good	Fair Poor	Crit	Unk	N/A		Sediment Blockage > 3/4 Rise at I	Inlet or Outlet		
Pipe End	Good	Fair Poor	Crit	Unk	N/A		Sediment Blockage > 1/3 Rise The	roughout Barrel		
Scour Protection	Good	Fair Poor	Crit	Unk	N/A		Other Problems Requiring Level 2 Action			
							No Access / Ends Totally Buried /	Submerged		
							Aggressive Abrasion/Corrosion/Cl	hemical (circle)		
							Exposed Footing (Open-Bottom C	ulvert Only)		
Photos (number): Inlet Outlet Roadway (ahead) Roadway (back) View downstream										

____ View upstream Others: _____

Notes / Recommendations: