

Public Inspection and Maintenance Checklist Culverts

Date: _____ Work Order # _____

Type of Inspection: Storm Weekly Monthly Annual

Facility: _____ Inspector(s): _____

Defect	Conditions When Maintenance Is Needed	Maintenance (1 or 2) [†]	Comments
Structural Condition			
Sediment & debris	Accumulated sediment & debris exceeds 20% of the pipe diameter.		
Vegetation blockage	Flow into or through the culvert is impeded.		
Pipe damage	Corrosion affecting more than 50% of wall area. Bent or crushed ends. Large dents that reduce pipe cross-section by more than 20%. Cracks or holes that allow ground water seepage.		
Headwall damage	Cracks >0.5 inches wide, buckled/bulging headwall, erosion behind or around ends of headwall.		
Fish Passage (culverts on streams)			
Minimum flow depth	<12 inches during low flow conditions		
Downstream pipe end (culvert outlet)	Pool depth in stream immediately below culvert less than 1.25 times the culvert drop height.		
Drop height (downstream end)	Vertical distance between pipe invert and downstream water surface > 12 inches		
Upstream pipe end (culvert inlet)	Channel bottom immediately upstream of culvert less than 1 foot below the culvert inlet.		

[†] Maintenance: Enter 1 if maintenance is need and include WO#. Enter 2 if maintenance was performed same day.
*Indicates parameters that are tracked in Maximo.