

Culvert Replacement/Repair

<b>Facility:</b>	<b>Written By:</b>	<b>Approved By:</b>	<b>Date Created:</b>	<b>Date of Last Revision</b>

<b>Hazards Present:</b>	<b>PPE or Devices Required:</b>	<b>Additional Training Required:</b>
Vehicle traffic	Coveralls, Gloves	
Pedestrian traffic	Hard hat	
Slips, trips, falls	Safety Glasses	
Moving equipment	Steel toed boots	
	Hi Vis Vest	

**Safe Work Procedure:**

- 1) Assess culvert location
- 2) Place warning signs
- 3) Excavate and remove old culvert (if applicable)
- 4) Remove unsuitable base material
- 5) Add new bedding. Add new granular bedding and shape to match the curve of the culvert and ditch line. Ensure adequate compaction.
- 6) Place new or repaired culvert in trench and check for proper drainage.
- 7) Backfill with suitable material. Place and compact backfill material in 15 cm (6 inch) layers.
- 8) Repair road surface to original condition
- 9) Remove traffic control signs and barricades in a safe manner.

***If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure***

**REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR**

<p><b>Guidance Documents/Standards:</b></p> <p>MB Workplace Safety &amp; Health Act &amp; Regulations:</p>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p>
	<p>Reviewed By WSH Committee:</p>  <p>Date:</p>