

# Culvert Inspection Form

Conduct culvert inspections to evaluate potentials for risk in the structure and plan appropriate remedial actions to ensure functionality and stability. Use the Fulcrum mobile app to automatically capture GPS information from your phone, customize the inspection form, and take photos. The app works with or without an Internet connection. Find the digital version of this form and more at <https://www.fulcrumapp.com/apps/culvert-inspection-form>.

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## Project Information

Job Number \_\_\_\_\_

CS BMP \_\_\_\_\_

CS EMP \_\_\_\_\_

Route \_\_\_\_\_

Control Section \_\_\_\_\_

Length \_\_\_\_\_

PR Number \_\_\_\_\_

PR BMP \_\_\_\_\_

PR EMP \_\_\_\_\_

Length \_\_\_\_\_

Template  
Choose one.

Road P&R

CMAQ

Bridge P&R

CPL

Bridge CPM

Enhancement

Bridge CSM

Roadside

Location Street Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Proposed Fix \_\_\_\_\_

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## Culvert Information

**STA**  Lt  Rt  
Choose one.

**Location**  Transverse  Longitudinal  
Choose one.

**Bound**  NB  EB  
Choose one.  SB  WB

**Culvert Size** \_\_\_\_\_

**Culvert Length** \_\_\_\_\_

**Culvert Material** \_\_\_\_\_

**Shape**  round  elliptical  
Choose one.  box  arch  
 3-sided box

**Existing End Section Treatment**  
Lt \_\_\_\_\_

**Existing End Section Treatment**  
Rt \_\_\_\_\_

**Existing Offset**  
Lt \_\_\_\_\_

**Existing Offset**  
Rt \_\_\_\_\_

**Inspected By** \_\_\_\_\_

**Date** Date \_\_\_\_\_ Time \_\_\_\_\_

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# Culvert Inspection Details

## CULVERT STRUCTURE

Culvert lining  Yes  No

▶ What is the condition of culvert inside? Choose one.

Good  Fair  Poor

Cracking  Yes  No

Spalling  Yes  No

Abrasion  Yes  No

Corrosion  Yes  No

▶ Are there any joint gaps or open seams

Yes  No

▶ Is this a box culvert?

Yes  No

▶ Are there cracks vertical or horizontal on any of the sides/walls?

Yes  No

▶ Is there undermining of the footing of a three sided culvert?

Yes  No

▶ Are any footings of three sided culverts exposed?

Yes  No

▶ Has the culvert been extended?

Yes  No

▶ Condition of oldest portion Choose one.

Good  Fair  Poor

- ▶ **Extension joint condition** Choose one.  
 Good     Fair     Poor
- ▶ **Is extension pipe smaller than original pipe** Choose one.  
 Good     Fair     Poor
- ▶ **Is there a line of sight along the crown and spring line?**  
 Yes     No
- ▶ **Is the culvert shape deflected?**  
 Yes     No
- ▶ **Is the culvert shape deflected?**  
 Yes     No
- ▶ **Is water seeping along the outside of the culvert (piping)?**  
 Yes     No
- ▶ **Should the culvert be video inspected during design?**  
 Yes     No

## **CULVERT INLET AND OUTLET**

- Inlet or outlet damaged     Yes     No
- Headwall undermining     Yes     No

- ▶ **Are there any constrictions or obstructions at the culvert inlet/outlet?**  
 Yes     No
- ▶ **Are there erosion control measures?**  
 Yes     No
- ▶ **Condition of the erosion control measures at the inlet**  
 Choose one.  
 Good     Fair     Poor
- ▶ **Condition of the erosion control measures behind the wingwalls**  
 Choose one.  
 Good     Fair     Poor

▶ Is the culvert perched?

Yes       No

▶ Is there evidence of high water above the top of the culvert?

Yes       No

## **CHANNEL INFORMATION**

River, Stream, Creeks and Tributaries

▶ Existing River, Stream, Creek and Tributary (if no, skip to next section)?

Yes       No

▶ Existing Federally Regulated Waterway (Navigable Waterway)?

Yes       No

▶ Existing cold water trout stream?

Yes       No

▶ Obstructions in the channel?

Yes       No

▶ Are there stream side inlets?

Yes       No

▶ Is there any sheet piling?

Yes       No

▶ Is it constricting the stream?

Yes       No

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## Certification

Satisfactory?  Yes  No

Inspector Name

Please print

\_\_\_\_\_

Signature

\_\_\_\_\_

Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Time \_\_\_\_\_ : \_\_\_\_\_ AM / PM



Fulcrum is a mobile app creation platform that lets you digitize checklists like this easily — and automate related workflows! — without writing any code.

Check us out at [fulcrumapp.com/checklists](https://fulcrumapp.com/checklists)