

CoMBIS - Standards for Level of Inspection

These are the general guidelines for when we expect a structure to be inspected.

Full (Regular) Inspection

Pipes:

Inspect the following:

Minimum Opening: 5' wide x 4.5' tall (above any silt)
Standard for all situations (including confined space and only one end open)
At least 3 feet of freeboard (see note 4)

Other openings (rectangular, etc.):

Inspect the following:

Minimum Opening: 5' wide x 4.0' tall (above any silt)
(Note: Excessive silt can be reason to not inspect)
Standard for all situations (including confined space and only one end open)
At least 3 feet of freeboard (see note 4)

NOTES:

1. For all situations, beware of localized scour due to intersecting pipes.
2. A photo is required from center of structures entered for inspection.
3. Photos clearly showing the issue (range poles are to be included in the photo where possible) are also required when a structure was identified for full inspection, but full inspection was not possible.
4. If, due to a rain event or high tide, the culvert is too full of water to inspect, then the inspector is to return at a time when the culvert can be inspected. Situations where a culvert will always be too full to inspect without the use of a diver are to be determined during the inventory process wherever possible so the appropriate Part 2 (Inspection) scope can be determined.

Visual (Limited Regular) Inspection

If, as a result of the inventory effort, it is determined (based on the above criteria) that a CoMBIS Structure cannot be safely inspected then a Visual Inspection is to be performed.

Visual inspection consists of completely documenting the condition of an existing culvert with the exception that no portion of the structure is entered. Instead, the structure is visually examined from each end, with any visible distress, constraints, or concerns documented to the extent possible.