

What is a Deficiency?

A deficiency is an identified condition and/or damage to a bridge, and is also referred to as a defect. Deficiencies can have a variety of characteristics, as follows:

- They may or may not be identified as a result of an inspection
- They may or may not be related to a bridge component
- They may or may not affect the integrity of the structure as a whole
- They may be created automatically by the system, or may be entered manually

Deficiencies that affect the integrity of the structure as whole are referred to as structural deficiencies. These are described in a subsequent section and represent most of the deficiencies in the BIS. A small number of deficiencies do not affect the integrity of the structure.

Sources of Deficiencies

For a table of the sources of deficiencies, see the following table:

Origin of Defect	Description
Level 1 inspections	<ul style="list-style-type: none">• Problem flagged as requiring maintenance, promoted to a deficiency via the Inspection Issues screen
Level 2 inspections	<ul style="list-style-type: none">• Component condition rating of 3 or 4 assigned• Component condition rating of 1 or 2 assigned and Maintenance Req'd check box ticked, promoted to a defect via the Inspection Issues screen• Undersize check box ticked on the Timber Drilling Survey Report• Overall structure condition rating of 3 or 4 assigned
Level 3 Inspections	<ul style="list-style-type: none">• A Level 3 defect created• Overall structure condition of 3, 4 or 5 assigned• Deterioration Mechanism field entered
Create Backlog Screen	<ul style="list-style-type: none">• General defect entered
Structure Deficiency Screen	<ul style="list-style-type: none">• Deficiency entered directly on screen