

## Recommendation(s) Status: Partial failure of Bridge 94, near Bromsgrove

This report is based on information provided to the RAIB by the relevant safety authority or public body.

The status of implementation of the recommendations, as reported to us, has been divided into six categories:

### Key to Recommendation Status

|  |  |
|--|--|
| <b>Implemented:</b>                      | All actions to deliver the recommendation have been completed.   |
| <b>Implemented by alternative means:</b> | The intent of the recommendation has been satisfied in a way that was not identified by the RAIB during the investigation.   |
| <b>Implementation ongoing:</b>           | Work to deliver the intent of the recommendation has been agreed and is in the process of being delivered.   |
| <b>In-progress:</b>                      | The relevant safety authority has yet to be satisfied that an appropriate plan, with timescales, is in place to implement the recommendation; and work is in progress to provide this. |
| <b>Non-implementation:</b>               | Regulation 12(2)(b)(iii) = recommendation considered and no implementation action to be taken.   |
| <b>Awaiting response:</b>                | Awaiting initial report from the relevant safety authority or public body on the status of the recommendation.   |

RAIB concerns on actions taken by organisations in response to recommendations are reflected in this report and are indicated by one of the following:

-  The red triangle shows recommendations where the RAIB has concerns that no actions have been taken in response to a recommendation.
-  The blue triangle shows recommendations where the RAIB has concerns that the actions taken, or proposed, are inappropriate or insufficient to address the risk identified during the investigation.
-  The white triangle shows recommendations where the RAIB notes substantive actions have been reported, but the RAIB still has concerns.

Note: The tables which follow, report the status of recommendations on 31 December 2015. In some other cases the end implementer has already sent information to the relevant safety authority about the actions it has taken, or proposes to take and the safety authority is considering whether it is satisfied that those actions and the associated timescales are accepted.

| Number/ Date/ Report No/<br>Inv Title / Current Status   | Safety Recommendation  | Summary of current status (based on latest report<br>from the relevant safety authority or public body)   |
|--|--|---|
| <p>1            06/04/2011    05/2012</p> <p>Partial failure of Bridge 94, near Bromsgrove</p> <p>Status: Implementation ongoing</p> | <p>The purpose of this recommendation is to promote the improvement of asset knowledge and to assist asset maintainers and railway staff in identifying the location of structures on site.</p> <p>Network Rail should introduce a programme of marking the position of all track-supporting structures which are not apparent from the surface, so that their presence can be taken into account by those responsible for managing incidents, maintaining the railway, and designing and upgrading infrastructure (paragraphs 109, 112 and 114).</p>  | <p>Network Rail have outlined the actions to be taken in response to the recommendation.</p> <p>ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.</p> |
| <p>2            06/04/2011    05/2012</p> <p>Partial failure of Bridge 94, near Bromsgrove</p> <p>Status: Implementation ongoing</p> | <p>The purpose of this recommendation is to address the risk arising from visual examinations being incomplete as a result of access constraints.</p> <p>Network Rail should review the ways in which it visually examines those structures which cannot be seen from a safe observation location and where access is constrained. This review should consider the ways in which effective examinations can be carried out, and where this cannot be achieved, alternative measures to manage the risk. Any necessary improvements to the examinations regime identified in the review should be implemented (paragraph 110a).</p> | <p>Network Rail has outlined the actions to be taken in response to the recommendation.</p> <p>ORR are seeking further information.</p>   |
| <p>3            06/04/2011    05/2012</p> <p>Partial failure of Bridge 94, near Bromsgrove</p> <p>Status: Implementation ongoing</p> | <p>The purpose of this recommendation is to enhance the information available to staff reviewing examination reports.</p> <p>Network Rail should improve reference information available to those responsible for reviewing structures examination reports, to enhance the accuracy and effectiveness of the report review and evaluation processes (paragraph 111).</p>   | <p>Network Rail has outlined the actions to be taken in response to the recommendation.</p> <p>ORR are seeking further information.</p>   |