

# Critical Deficiency Reports in SIMS

The workflow associated with the Critical Deficiency Report is as follows:

1. The Inspector creates a Critical Deficiency Report, completes Part 1, and then submits the report for review to the Program Administrator.

**Create Inspection Report Based On:**

Blank report  
 Central Database Values

**Options:**

Copy report files (photos, etc.)  
 Copy previous report section attachments (PDF)

**Report Type:**

Routine  
 7 Day FC  
 Fracture Critical  
 Pinned Assembly  
 Special  
 Damage  
 Other  
 Critical Deficiency

Create Cancel

**Critical Deficiency Report**

**Part I (To be completed by Inspector or Owner)**

Bridge or Asset ID	Facility Carried	Feature Intersected	Bridge Owner
9030	535	ST LOUIS R; RR,STREI	01 - State Highway Agency

Inspection Type	Inspection Date	Report Date	Primary Inspector's Name
Routine	10/13/2011	10/13/2011	Zink, Jennifer

**Reason for Report:**  Collapse  Structural Damage  Structural Failure  
 Approach Failure

**Location of Deficiency:**  Deck  Superstructure  Substructure  Approaches  
 Piles  Railing  Other

**Action:**  Close Bridge  Close Lane  Other

**Description of Critical Deficiency:**

Severe section loss of beam located on Span 2. 50% loss of web; crushing evident.

58. Deck NBI: 6 - Satisfactory Condition  
Unsound Deck %:

59. Superstructure NBI: 2 - Critical Condition  
See notes for smart flag #964.

- The Program Administrator opens the form view of the submitted Critical Deficiency Report in order to complete Part 2. Once Part 2 is complete, the Program Administrator must then submit the report for review to the MnDOT Bridge Office Inspection Engineer (Jennifer Zink).

**Part II (To be completed by Program Administrator)**

Reviewed By	Title	Date Part II Completed
<input type="text"/>	<input type="text"/>	<input type="text"/>

**Immediate Action Taken:**  Close Bridge  Close Lane  Load Posting  Other

**Program Administrator's Anticipated Plan for the Bridge: (Repair, Replace, Remove, Permanently Close, Load Post, etc.)**

9030 Enter Inspection - Critical Deficiency Inspection Files Print Report

Inspection Info Critical Deficiency All Elements Add/Delete Elements

**Select action for 9030:**

Submit Report for Review

Delete Server Report

View Change Report

[/modal\\_pages/report\\_action\\_selector.aspx?type...](/modal_pages/report_action_selector.aspx?type...)

Quality Carried	Feature Intersected	Bridge Owner
5	ST LOUIS R; RR, STRE	01 - State Highway Agency
Inspection Date	Report Date	Primary Inspector's Name
13/2011	10/13/2011	Zink, Jennifer

Re:  Structural Damage  Structural Failure

**Location of Deficiency:**  Deck  Superstructure  Substructure  Approaches  
 Piles  Railing  Other

**Action:**  Close Bridge  Close Lane  Other

**Description of Critical Deficiency:**

Severe section loss of beam located on Span 2. 50% loss of web; crushing evident.

- The MnDOT Bridge Office Inspection Engineer (Jennifer Zink) will then complete Parts 3 and 4 as applicable and approve the final report.

Questions related to critical deficiency identification and reporting may be directed to the MnDOT Bridge Inspection Engineer, Jennifer Zink, at 651-366-4573 or [jennifer.zink@state.mn.us](mailto:jennifer.zink@state.mn.us).