

## BRIDGE CONDITION

ARDOT owned bridges are inspected in accordance with State and Federal rules and regulations. The typical inspection frequency is once every two years. Some structures may be inspected more or less frequently depending on age, condition, and design.

Bridge Condition is assigned during the bridge inspections. During the inspection bridge components are rated via federal standards on a 0-9 scale shown below. Bridge components consist of the Deck (driving surface), Superstructure (structure that supports the deck) and Substructure (carries the load from the superstructure to the ground). The lowest rated component from the most recent inspection is reported as the bridge condition.

**A Good is a rating of 7-9, Fair is 5 and 6, and Poor is 0-4.**

| CODE | CONDITION               | DESCRIPTION  |
|------|-------------------------|--|
| N    | NOT APPLICABLE          | Component does not exist.  |
| 9    | <b>EXCELLENT</b>        | Isolated inherent defects.   |
| 8    | <b>VERY GOOD</b>        | Some inherent defects.   |
| 7    | <b>GOOD</b>             | Some minor defects.  |
| 6    | <b>SATISFACTORY</b>     | Widespread minor or isolated moderate defects.   |
| 5    | <b>FAIR</b>             | Some moderate defects; strength and performance of the component are not affected.   |
| 4    | <b>POOR</b>             | Widespread moderate or isolated major defects; strength and/or performance of the component is affected.   |
| 3    | <b>SERIOUS</b>          | Major defects; strength and/or performance of the component is seriously affected. Condition typically necessitates more frequent monitoring, load restrictions, and/or corrective actions.        |
| 2    | <b>CRITICAL</b>         | Major defects; component is severely compromised. Condition typically necessitates frequent monitoring, significant load restrictions, and/or corrective actions in order to keep the bridge open. |
| 1    | <b>IMMINENT FAILURE</b> | Bridge is closed to traffic due to component condition. Repair or rehabilitation may return the bridge to service.   |
| 0    | <b>FAILED</b>           | Bridge is closed due to component condition, and is beyond corrective action. Replacement is required to, restore service.   |