

STRUCTURE INSPECTION RATING KEY

OVERALL BRIDGE CONDITION RATING SYSTEM

<u>Code</u>	<u>Description</u>
N/A	NOT APPLICABLE
9	EXCELLENT CONDITION
8	VERY GOOD CONDITION - no problems noted.
7	GOOD CONDITION - some minor problems.
6	SATISFACTORY CONDITION - structural elements show some minor deterioration.
5	FAIR CONDITION - all primary structural elements are sound but may have minor section loss, cracking, spalling, decay, infestation or scour.
4	POOR CONDITION - advanced section loss, deterioration, spalling, decay, infestation or scour.
3	SERIOUS CONDITION - loss of section, deterioration, spalling, decay, infestation or scour have seriously affected primary structural components. Local failures are possible.
2	CRITICAL CONDITION - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete, severe decay or infestation in timber or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.
1	"IMMINENT" FAILURE CONDITION - major deterioration or section loss present in critical structural components, or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put bridge back in light service.
0	FAILED CONDITION - out of service; beyond corrective action.

Structural Element Condition Rating:

<u>Code</u>	<u>Description</u>
G	GOOD - element is limited to only minor problems.
F	FAIR - structural capacity of element is not affected by minor deterioration, section loss, spalling, cracking, decay, infestation or other deficiency.
P	POOR - structural capacity of element is affected or jeopardized by advanced deterioration, section loss, spalling, cracking, decay, infestation or other deficiency.

STRUCTURE INSPECTION RATING KEY

OVERALL CHANNEL CONDITION RATING SYSTEM

<u>Code</u>	<u>Description</u>
N/A	NOT APPLICABLE
9	Alignment good; no indication of bed scour or bank erosion; no obstructions.
8	Alignment adequate; no indication of bed scour or bank erosion; no obstructions.
7	Alignment fair; mild bank erosion or bed scour; minor debris accumulation.
6	Alignment not desirable; moderate bed scour or bank erosion occurring; minor sedimentation and debris.
5	Channel alignment beginning to change; significant bed scour or bank erosion requiring investigation to determine need and nature of corrective measures; waterway moderately restricted by trees, shrubs, or sedimentation.
4	Alignment causing embankment erosion and undercutting of structure; protection required due to bed scour or bank erosion; partial blockage of channel or culvert.
3	Scour due to alignment threatening structure or approach embankment; the structure has been displaced or settled due to bank erosion or scour; mass drift accumulation has severely restricted channel or culvert opening.
2	Structure or approach weakened by scour due to poor alignment; structure or roadway weakened by bank erosion or bed scour, danger of collapse with next flood; culvert blocked by mass drift accumulation.
1	Channel directed at embankment causing severe scour of approach embankment; structure or approach weakened, danger of immediate collapse; roadway closed to traffic.
0	Structure washed out by flood action; roadway closed to traffic.

STRUCTURE INSPECTION RATING KEY

OVERALL CULVERT BARREL CONDITION RATING SYSTEM

<u>Code</u>	<u>Description</u>
G	GOOD - Culvert is limited to only minor problems.
F	FAIR - Structural capacity of culvert is not affected by minor deterioration, section loss, spalling, cracking, decay, infestation or other deficiency.
P	POOR - Structural capacity of culvert is affected or jeopardized by advanced deterioration, section loss, spalling, cracking, decay, infestation or other deficiency.

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