

## SNBI COMPONENT CONDITION RATING GUIDANCE WORKSHEET (TABLE 20 AND APPENDIX C)

Defect Severity	
<b>Inherent:</b> <i>(CS 1 - Good)</i>	Not indicative of damage or deterioration but is characteristic of the material or results from normal construction practices.
<b>Minor:</b> <i>(CS 2 - Fair)</i>	Damage or deterioration has initiated but is not yet considered significant.
<b>Moderate:</b> <i>(CS 3 - Poor)</i>	Damage or deterioration are significant but the strength and performance of the component are not affected.
<b>Major:</b> <i>(CS 4 - Severe)</i>	Affects the strength and/or performance of the component, as determined by a structural and/or hydraulic review. For joints, bearings, railings, and railing transitions, defect prevents the component from functioning as intended.

Defect Extent	
<b>Isolated:</b>	Occurs in one or a few concentrated locations.
<b>Widespread:</b>	Present in many separate areas of or throughout the component.
<b>Some:</b>	Prevalence is more than isolated and less than widespread.

SNBI Items B.C.01 through B.C.07, B.C.14, and B.C.15 (Deck, Superstructure, Substructure, Culvert, Bridge Railings, Bridge Railing Transitions, and Bridge Bearings Condition Ratings; and NSTM Inspection and Underwater Inspection Condition Ratings)								
SNBI Table 20			Defect Severity & Extent and Associated Element Level Condition States				Description	
Class	Rating	Condition	Inherent	Minor	Moderate	Major	Strength &/or Performance	Other
			<i>CS 1</i>	<i>CS 2</i>	<i>CS 3</i>	<i>CS 4</i>		
	N	Not Applicable	Component does not exist.					
Good	9	Excellent	Isolated					<i>Or no defects.</i>
	8	Very Good	Some	<i>Isolated</i>				
	7	Good	<i>Widespread</i>	Some				
Fair	6	Satisfactory		Widespread	Isolated			
	5	Fair			Some		Not Affected	
Poor	4	Poor			Widespread	Isolated	Affected	
	3	Serious				Isolated to Widespread	Seriously Affected	Condition typically necessitates more frequent monitoring, load restrictions, and/or corrective actions. Critical Finding for NSTM Inspection Condition.
	2	Critical				Isolated to Widespread	Severely Compromised	Condition typically necessitates frequent monitoring, significant load restrictions, and/or corrective actions to keep the bridge open. Critical Finding for Deck, Super, Sub, or Culvert.
	1	Imminent Failure	Bridge is closed to traffic due to component condition. Repair or rehabilitation may return the bridge to service.					
	0	Failed	Bridge is closed due to component condition, and is beyond corrective action. Replacement is required to restore service.					