

BRIDGE ASSET MANAGEMENT SYSTEM GUIDELINES

Main Element	RED	AMBER	GREEN	NOT APPLICABLE	
<b>Parapets</b>	Part or all of parapet or safety rail missing, collapsed or significantly displaced.	Some damage - nuts missing, corrosion, deformation, cracking, vegetation causing disturbance, tilting, sliding, missing masonry.	Minor defects or vegetation growth only.	<b>Select this if it is obvious the Structure never had a parapet.</b>  If unsure, please select <b>RED</b>	Non-structural
<b>Access and Egress</b>	Dangerous high risk  <b>DO NOT ENTER</b>	Some hazards and risk.  Risk assessment required.	Easy and safe.		
<b>Vegetation</b>	Heavy growth and/or  Invasive species.	Appreciable growth clearance required, includes some Ivy, small saplings, brambles.	None or minor growth only.		
<b>External walls</b>	Significant cracks, bulging, leaning, rotation, missing masonry, or a collapse. Significant exposed reinforcement and/or corrosion.	Some cracks, bulging, leaning, rotation, minor missing masonry, exposed reinforcement, corrosion.	No evidence of or minor defects present.	Structure doesn't have external walls  Or  Couldn't access.	Structural
<b>Abutments and Piers</b>	Severe scour holes below walls, Significant areas of missing masonry or failure. Significant rusting of steel members, buckling or steel missing.	Some scour in bed, pier or abutment. cracks, leaning, bulging, missing stones, exposed reinforcement, or rusting of steel members.	Minor or no evidence of scour in bed. Minor or no evidence of defects in pier or abutment.	Couldn't access.	
<b>Deck or Arch</b>	Large cracks, severe sagging, spalling, deformation, missing elements, arch separation. Severely exposed reinforcement, corroded or missing steel on struts, ties, beams or failure. Holes.	Some: cracks, sagging, spalling, missing elements, exposed rebar or rusting of steel, struts, ties, beams or corrugated or other jack arch elements.	None or minor cracks, sagging, spalling, or any other minor defect.	Couldn't access.	
<i>Overall Rating determined by worst rating of the three structural components</i>					

Table 4.2 – Maintenance Inspection Rating Guide