

State	Label	Bridge local scour	Road section inundation	Road section mud-blocking
$s_0$	<i>operational</i>	no changes in bridge response	no observed damages, negligible sign of sediments	no observed damages
$s_1$	<i>monitored</i>	first noticeable changes in bridge response	presence of sediments and debris	encroachment limited to verge/hard strip
$s_2$	<i>capacity-reduced</i>	significant changes in the bridge response	elements of the road section slightly damaged	blockage of hard strip and one running lane
$s_3$	<i>closed</i>	lack of pier stability to support the bridge	loss of subgrade layer	complete blockage of carriage-way and/or repairable damage to surfacing