

Bridge Inspection Pro Forma										
Inspection Type: General										
Inspector: Mark Mairs		Inspection Date: 18 December 2016				Bridge Name: Longford				
Bridge Ref/No: CB636A		Road Ref/No: A49				Map Ref:				
OSE: 360584		OSN: 390079				Primary deck from Table 2:		14		
Span: 1 of 1		Span Width(m): 6		Span Length(m): 28			Primary deck material Table 4:		A	
All above ground elements inspected: Yes						Secondary deck from Table 3:		20		
Number of construction forms in bridge: 1						Secondary deck material Table		P		
Component	No	Element	S	Ex	Def	W	P	Cost	Comments/Remarks	
Deck Element	1	Primary deck element (Table 2)	5	A	2.2				Water ingress and seepage to the middle masonry arch section under the live carriageway	
Load Bearing Substructure	8	Foundations	1	A	6.1				There were no defects noted that would suggest foundation faults are present.	
Load Bearing Substructure	9	Abutments (incl. arch springing)	1	A	2.2				No evidence of spalling noted.	
Load Bearing Substructure	10	Spandrel wall/head wall	4	B	3.4				Cracking to the spandrel head wall with pointing deterioration to the masonry arch	
Durability Elements	15	Superstructure drainage	1	A	8.1				The superstructure drainage system is clear and fully functional.	
Durability Elements	21	Finishes: parapets/safety fences	5	C	4.1				All coats are showing signs of failure.	
Safety Elements	23	Handrail/parapets /safety fences	3	C	1.1				Moderate surface corrosion and pitting to the parapet fence.	
Safety Elements	24	Carriageway surfacing	4	B	9.4				Cracking to the superstructure carriageway surfacing, with more significant failure around gullies.	
Safety Elements	25	Footway/verge/footbridge surfacing	2	E	9.1				Minor wear and weathering to the superstructure walkway surfacing.	
Other Bridge Elements	26	Invert/river bed	5	B	7.2				Trapped debris, heavily silted and vegetation causing disruption to flow caused by the restriction of the middle section. Cleaning required.	
Other Bridge Elements	33	Embankments	1	A	11				No slip/settlement noted.	
Ancillary	38	Services	N/A	N/A	N/A				There is a service duct to the West portal	
Inspector's Comments										
The structure appears in satisfactory condition with the exception of the middle masonry arch section that carries the live carriageway which requires waterproofing.										
Culvert requires desilting.										
Engineer's Comments										