

Bridge Inspection Pro Forma

Based on Volume 2 Addendum: August 2004

Name: BUCKPOOL RAILWAY FOOTBRIDGE

Ref No: NN050

General Inspection CSS		Inspector: XXXXXXXXXX	Form 1 of 1 for this structure
Bridge Name: BUCKPOOL RAILWAY FOOTBRIDGE			Date: 17/02/2026
Bridge Ref/No: NN050		Span Width: 1.44 m	Map Ref: 341632,865446
BCI Span Number: 1/1	BCI Span Total	Length of Span: 6.60 m	Primary Deck Form: 09 Truss - Half Through
Span description:			Primary Deck Material: F Cast Iron
All above ground elements inspected:		Photographs:	Secondary Deck Form: 22 Flat Plate - No Transverse Beams
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: Rd Steel

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	62.55	BCS av	2.82	BCI av	62.55	BCS av	2.82		
BCI crit	39.52	BCS crit		BCI crit	39.52	BCS crit	3.70		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	3	E	1.1	R	M	99		All bolt & nuts require replacing. Corroded beyond the point of saving.
	2	Secondary Deck Element/S - Transverse Beams	2	E	1.1	POR	H	99		Remove rust and treat to extend life.
	3	Secondary Deck Element/S - Element From Table 3	2	E	1.1	POR	L	99		Chequered plate requires rust removal and treating. One plate is cracked through and raised slightly.
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0		
	9	Abutments (Incl. Arch Springing)	3	C	3.2	P	L	99		Pointing under the Buckie side bridge seat is moderately deep. At least 3 stones affected.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf	3	C	3.2	P	L	99		Buckie side in need of pointing.

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	5	E	4.1	SBP	H	99		Bare metal exposed throughout. Remove rust and treat/replace.
	20	Painting: Substructure Elements	5	E	4.1	SBP	H	99		Bare metal exposed throughout. Remove rust and treat/replace.
	21	Painting: Parapets/Safety Fences	5	E	4.1	SBP	H	99		Bare metal exposed throughout. Remove rust and treat/replace.

Safety Elements	22	Access/Walkways/Gantries	2	D	1.2	RM	H	99	✓	Section loss around joint overlaps. There appears to be moisture being held in the joints causing damage.
	23	Handrail/Parapets/Safety Fences	2	D	1.2	RM	H	99		Section loss around joint overlaps. There appears to be moisture being held in the joints causing damage.
	24	Carriageway Surfacing	2	C	9.4	RM	M	99	✓	On of the plates has cracked at a corner and displaced slightly.
	25	Footway/Verge/Footbridge Surfacing	2	C	9.1	SBP	H	99		

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Other Bridge Elements	26	Invert/River Bed								
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls	2	B	3.2	P	L	99		Localised patches of loss near the footing.
	33	Embankments								
	34	Machinery								

Ancillary Elements	35	Approach Rails/Barriers/Walls	4	C	16.1	RM	H	99	✓	Some boards have fallen leaving rusted nails protruding from the posts.
	36	Signs								
	37	Lighting								
	38	Services								

Other	39	Extra Element 1								
	40	Extra Element 2								
	41	Extra Element 3								
	42	Extra Element 4								

Multiple Defects

Element Number	Defect Number	Severity	Extent	Defect	W	P	Cost	Comments
22	1	4	E	9.5	RM	H	£99	Anti slip surface should be installed. Steps are extremely slippery when wet.
24	2	2	E	9.1	SBP	H	£99	Remove rust and treat.
35	3	3	E	5.2	RV	L	£99	Thorn bushes butted up against the fence creating a slight risk of scratching to users.

Inspector's Comments

The approach fence has started to fall apart where nails have corroded through. The rusted remains jut out about 20mm and pose a risk to users.
 The steps on the railway side have been topped with timber which is extremely slippery when wet.
 The vegetation should be cut back to avoid scratching users.

Name: XXXXXXXXXX	Signed: _____	Date: 17/02/2026
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Engineer's Comments

Name: _____	Signed: _____	Date: 01/01/1970
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<i>Work Required</i>			
Reference No.	Suggested Remedial Work	Priority	Estimated Cost
2	PAINT OR REPLACE	High	£99
3	PAINT OR REPLACE	Low	£99
1	TO BE REPLACED	Medium	£99
14	POINT	Low	£99
19	SHOT BLAST AND PAINT	High	£99
20	SHOT BLAST AND PAINT	High	£99
21	SHOT BLAST AND PAINT	High	£99
22	R Repair / Maintain	High	£99
22	R Repair / Maintain	High	£99
23	R Repair / Maintain	High	£99
24	SHOT BLAST AND PAINT	High	£99
24	R Repair / Maintain	Medium	£99
25	SHOT BLAST AND PAINT	High	£99
32	POINT	Low	£99
35	REMOVE VEGETATION	Low	£99
35	R Repair / Maintain	High	£99
9	POINT	Low	£99