

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: THE STRYPE FORMER RAILWAY BRIDGE - ALICE LITTLER PARK**

**Ref No: NN174**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: THE STRYPE FORMER RAILWAY BRIDGE - ALICE LITTLER PARK			Date: 01/05/2024	
Bridge Ref/No: NN174		Span Width: 9.90 m		Map Ref: 326860,843236
BCI Span Number: 1/1	BCI Span Total	Length of Span: 3.04 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 25 Troughing - 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	75.79	BCS av	2.24		BCI av	75.79	BCS av	2.24	
BCI crit	81.00	BCS crit			BCI crit	81.00	BCS crit	2.00	

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	1.2	N	?	0		Some section loss between the beams and deck
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3	2	B	1.2	N	?	0		minor section loss in corrugation near beams.
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever	2	B	1.1	N	?	0		discoloration and staining in paint work,
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0		
	9	Abutments (Incl. Arch Springing)	2	B	3.2	N	?	0		Some loss of mortar under the copings.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.1	?	?	0		
	14	Bearing Plinth/Shelf	1	A	3.1	?	?	0		

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	5	D	4.1	SBP	L	99		To prevent further deterioration, rust should be removed and treated.
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences	5	C	4.1	SBP	L	99		Remove rust and treat

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	C	1.1	SBP	L	99		remove rust and treat
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	5	E	9.1	R	H	99		Timber deck needs to be isolated now whilst repairs are arranged. A small section that was previously covered with vegetation has been cleared exposing the full extent. All boards have rotted with some sections crumbling and collapsed.

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Based on Volume 2 Addendum: August 2004

**Name: THE STRYPE FORMER RAILWAY BRIDGE - ALICE LITTLER PARK**

**Ref No: NN174**

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		Footpath under a low bridge.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls	3	D	3.2	RM	L	99		River side retaining wall have some mortar loss with displaced stones.
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 01/05/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
3	N No Action Monitor Only	?	£0
1	N No Action Monitor Only	?	£0
6	N No Action Monitor Only	?	£0
19	SHOT BLAST AND PAINT	Low	£99
21	SHOT BLAST AND PAINT	Low	£99
23	SHOT BLAST AND PAINT	Low	£99
25	TO BE REPLACED	High	£99
32	R Repair / Maintain	Low	£99
9	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: DEANSHAUGH FOOTBRIDGE**

**Ref No: NN081**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 3 for this structure</b>	
Bridge Name: DEANSHAUGH FOOTBRIDGE			Date: 08/02/2024	
Bridge Ref/No: NN081		Span Width: 4.00 m		Map Ref: 321912,863477
BCI Span Number: 1/3	BCI Span Total	Length of Span: 7.79 m		Primary Deck Form: 11 Slab - Solid
Span description:				Primary Deck Material: A Reinforced Concrete
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	2.2	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	1	A	2.2	?	?	0		
	3	Secondary Deck Element/S - Element From Table 3								
	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)	2	D	3.7	RM	L	99		Stone facing has come loose.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	1	A	2.1	?	?	0		
	12	Cross-head/Capping Beam								
	13	Bearings								
14	Bearing Plinth/Shelf									

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing	1	A	14.1	?	?	0		
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences	5	E	4.1	SBP	H	99		Thick, flaking rust. Remove and treat.	

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	3	D	1.1	SBP	H	99		Remove rust and treat.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	C	9.1	RM	L	99		Cracking and crazing in the surface.

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	N	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **DEANSHAUGH FOOTBRIDGE**

Ref No: **NN081**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 08/02/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
21	SHOT BLAST AND PAINT	High	£99
23	SHOT BLAST AND PAINT	High	£99
25	R Repair / Maintain	Low	£99
26	N No Action Monitor Only	?	£0
9	R Repair / Maintain	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **DEANSHAUGH FOOTBRIDGE**

Ref No: **NN081**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 2 of 3 for this structure</b>	
Bridge Name: DEANSHAUGH FOOTBRIDGE			Date: 08/02/2024	
Bridge Ref/No: NN081		Span Width: 4.00 m	Map Ref: 321912,863477	
BCI Span Number: 2/3	BCI Span Total	Length of Span: 15.25 m	Primary Deck Form: 11 Slab - Solid	
Span description:			Primary Deck Material: A Reinforced Concrete	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element	

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	2.2	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	2	B	2.2	I	L	99		2 cracks that have efflorescence at the seams.
	3	Secondary Deck Element/S - Element From Table 3								
	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)								
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	1	A	2.1	?	?	0		
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing	1	A	14.1	?	?	0		
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences	5	E	4.1	SBP	M	99		Remove rust and paint.	

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	3	E	1.1	SBP	M	99		Remove rust and treat.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	3	D	9.4	RM	M	99		Previous repair has failed. concrete has previously been cut and refilled, which has worn out.

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments								
34	Machinery									

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Based on Volume 2 Addendum: August 2004

Name: **DEANSHAUGH FOOTBRIDGE**

Ref No: **NN081**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 08/02/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
2	To be investigated	Low	£99							
21	SHOT BLAST AND PAINT	Medium	£99							
23	SHOT BLAST AND PAINT	Medium	£99							
25	R Repair / Maintain	Medium	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: DEANSHAUGH FOOTBRIDGE

Ref No: NN081

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 3 of 3 for this structure</b>	
Bridge Name: DEANSHAUGH FOOTBRIDGE			Date: 08/02/2024	
Bridge Ref/No: NN081		Span Width: 4.00 m	Map Ref: 321912,863477	
BCI Span Number: 3/3	BCI Span Total	Length of Span: 7.79 m	Primary Deck Form: 11 Slab - Solid	
Span description:			Primary Deck Material: A Reinforced Concrete	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element	

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	2.2	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	1	A	2.1	N	?	0		
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	2.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	1	A	2.1	?	?	0		
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing	1	A	14.1	?	?	0		
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences	5	E	4.1	SBP	H	99		Remove rust and treat.	

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	3	E	1.1	SBP	H	99		Remove rust and treat.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	4	D	9.4	RM	M	99		Centre of walkway has an area of repair that has failed.

Other Bridge Elements	26	Invert/River Bed	4	B	5.2	RV	M	99		Remove small tree under the deck.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

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Based on Volume 2 Addendum: August 2004

Name: **DEANSHAUGH FOOTBRIDGE**

Ref No: **NN081**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted	Signed:	Date: 08/02/2024
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**Engineer's Comments**

Name:	Signed:	Date: 01/01/1970
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**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
2	N No Action Monitor Only	?	£0
21	SHOT BLAST AND PAINT	High	£99
23	SHOT BLAST AND PAINT	High	£99
25	R Repair / Maintain	Medium	£99
26	REMOVE VEGETATION	Medium	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: KIRKHILL CEMETERY BRIDGE**

**Ref No: NN127**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: KIRKHILL CEMETERY BRIDGE			Date: 14/06/2024	
Bridge Ref/No: NN127		Span Width: 1.30 m		Map Ref: 324957,862677
BCI Span Number: 1/1	BCI Span Total	Length of Span: 26.17 m		Primary Deck Form: 03 Arch - Tied (Including Hangers)
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: N Timber

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	3	C	1.1	RM	L	99		Area around the abutments may need to be strengthened.
	2	Secondary Deck Element/S - Transverse Beams	4	C	1.2	R	H	99		Most transverse beams (angle bar) have rotten through or have significant section loss around the area of connection to the main beams.
	3	Secondary Deck Element/S - Element From Table 3	4	C	1.2	R	H	99		Multiple areas have significant holes caused by corrosion.
	4	Half Joints								
	5	Tie Beam/Rods	3	E	1.1	SBP	L	99		Remove rust and treat.
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing	4	D	1.2	R	H	99		Significant holes caused by corrosion.

Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0		
	9	Abutments (Incl. Arch Springing)	3	D	3.5	RM	M	99		Some vertical cracks, easy to see from a distance.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

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		Take back to bare metal and treat.
	20	Painting: Substructure Elements	5	E	4.1	SBP	H	99		Take back to bare metal and treat.
	21	Painting: Parapets/Safety Fences	5	E	4.1	SBP	H	99		Replace fence is preferable.

Safety Elements	22	Access/Walkways/Gantries	5	E	9.1	R	H	99		Crumbling rotten wood. Boards move independently when trafficked, with rusty nails protruding.
	23	Handrail/Parapets/Safety Fences	4	C	1.1	R	H	99		Many of the uprights have rotten through. Most notably at the base where connected the the main beam.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	4	E	16.2	R	H	99		Structure is a danger to walk on.

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: KIRKHILL CEMETERY BRIDGE**

**Ref No: NN127**

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls	3	C	3.5	RM	M	99		Repair all block work.
	32	Retaining Walls								
	33	Embankments	4	E	5.2	RV	H	99		Giant Hogweed present.
	34	Machinery								

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 14/06/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: KIRKHILL CEMETERY BRIDGE

Ref No: NN127

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
31	R Repair / Maintain	Medium	£99
2	TO BE REPLACED	High	£99
5	SHOT BLAST AND PAINT	Low	£99
3	TO BE REPLACED	High	£99
1	R Repair / Maintain	Low	£99
19	SHOT BLAST AND PAINT	High	£99
20	SHOT BLAST AND PAINT	High	£99
21	SHOT BLAST AND PAINT	High	£99
22	TO BE REPLACED	High	£99
23	TO BE REPLACED	High	£99
25	TO BE REPLACED	High	£99
33	REMOVE VEGETATION	High	£99
9	R Repair / Maintain	Medium	£99
7	TO BE REPLACED	High	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: FINDOCHTY CARAVAN BRIDGE**

**Ref No: NN096**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: FINDOCHTY CARAVAN BRIDGE			Date: 14/06/2024	
Bridge Ref/No: NN096		Span Width: 8.80 m	Map Ref: 345642,867974	
BCI Span Number: 1/1	BCI Span Total	Length of Span: 1.14 m	Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface	
Span description:			Primary Deck Material: E Steel	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element	

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av		BCS av		BCI av		BCS av			
BCI crit		BCS crit		BCI crit		BCS crit			
NA		NA		NA		NA			

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	1.1	N	?	0		Un-clear if salt deposits or corrosion to yhe bottom flange at the centre span.
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	1	A	2.2	?	?	0		
	9	Abutments (Incl. Arch Springing)	1	A	2.2	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	2	C	4.1	N	?	0		Un-clear if discolouration is salt deposits from sea spray or corrosion.
	20	Painting: Substructure Elements	1	A	4.1	?	?	0		
	21	Painting: Parapets/Safety Fences	2	C	4.1	N	?	0		

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	C	1.3	N	?	0		
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		

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								
	33	Embankments	1	A	11.1	?	?	0		
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: FINDOCHTY CARAVAN BRIDGE**

**Ref No: NN096**

Ancillary Elements	35	Approach Rails/Barriers/Walls	3	C	1.2	R	L	99		One upright on the caravan park side has corroded through.
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 14/06/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
1	N No Action Monitor Only	?	£0							
19	N No Action Monitor Only	?	£0							
21	N No Action Monitor Only	?	£0							
23	N No Action Monitor Only	?	£0							
35	TO BE REPLACED	Low	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MILLBUIES COUNTRY ESTATE BR 1**

**Ref No: NN133**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY ESTATE BR 1			Date: 04/01/2024	
Bridge Ref/No: NN133		Span Width: 1.23 m		Map Ref: 324120,856884
BCI Span Number: 1/1	BCI Span Total	Length of Span: 2.60 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: N Timber
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	3	E	1.1	SBP	L	99		Paint has flaked away and rust has covered all of the elements.
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	3.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	C	16.2	RM	M	0		Rot and poorly constructed fence.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	4	C	9.5	RM	L	99		Chicken wire fencing used as anti-slip surface has worn away at the centre. Replace.

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								
	33	Embankments								
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: MILLBUIES COUNTRY ESTATE BR 1**

**Ref No: NN133**

Ancillary Elements	35	Approach Rails/Barriers/Walls	2	C	16.2	R	L	99		Timber fence in need of replacement.
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 04/01/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
1	SHOT BLAST AND PAINT	Low	£99
23	R Repair / Maintain	Medium	£0
25	R Repair / Maintain	Low	£99
35	TO BE REPLACED	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **MILLBUIES COUNTRY ESTATE BR 1**

Ref No: **NN133**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY ESTATE BR 1			Date: 04/01/2024	
Bridge Ref/No: NN133		Span Width: 1.23 m	Map Ref: 324120,856884	
BCI Span Number: 1/1	BCI Span Total	Length of Span: 2.60 m	Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface	
Span description:			Primary Deck Material: N Timber	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element	

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	91.63	BCS av	1.47	BCI av	91.63	BCS av	1.47		
BCI crit	81.00	BCS crit		BCI crit	81.00	BCS crit	2.00		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	16.2	N	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								
Load Bearing Sub Structure	8	Foundations	1	A	6.5	?	?	0		
	9	Abutments (Incl. Arch Springing)	1	A	3.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								
Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	16.4	?	?	0		
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	B	9.5	N	?	0		
Other Bridge Elements	26	Invert/River Bed	2	B	7.1	N	?	0		one stone missing
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works	2	C	3.2	RM	L	99		Some areas of loss.
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments								
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **MILLBUIES COUNTRY ESTATE BR 1**

Ref No: **NN133**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 04/01/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
1	N No Action Monitor Only	?	£0							
25	N No Action Monitor Only	?	£0							
26	N No Action Monitor Only	?	£0							
29	R Repair / Maintain	Low	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MILLBUIES COUNTRY ESTATE BR 2**

**Ref No: NN134**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY ESTATE BR 2			Date: 04/01/2024	
Bridge Ref/No: NN134		Span Width: 1.26 m		Map Ref: 324420,856982
BCI Span Number: 1	BCI Span Total	Length of Span: 6.00 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	C	1.1	SBP	L	99		Structure is in reasonable condition, some patches of rust along element.
	2	Secondary Deck Element/S - Transverse Beams	3	E	1.1	SBP	L	99		Metal in need of rust removal and treating.
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	2.2	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements	5	D	4.1	SBP	L	99		Bare metal exposed.
	21	Painting: Parapets/Safety Fences	5	E	4.1	SBP	L	99		Bare metal exposed.

Safety Elements	22	Access/Walkways/Gantries	2	D	13.1	RM	M	99		Approach ramp has a snapped board. The centre support is also snapped causing extra flex in structure.
	23	Handrail/Parapets/Safety Fences	2	D	1.1	SBP	L	99		Remove rust and paint.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	D	9.1	N	?	0		

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **MILLBUIES COUNTRY ESTATE BR 2**

Ref No: **NN134**

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments								
	34	Machinery								

Ancillary Elements	35	Approach Rails/Barriers/Walls	2	B	16.2	N	?	0		
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 04/01/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
2	SHOT BLAST AND PAINT	Low	£99
1	SHOT BLAST AND PAINT	Low	£99
20	SHOT BLAST AND PAINT	Low	£99
21	SHOT BLAST AND PAINT	Low	£99
22	R Repair / Maintain	Medium	£99
23	SHOT BLAST AND PAINT	Low	£99
25	N No Action Monitor Only	?	£0
35	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MILLBUIES COUNTRY PARK BR 3**

**Ref No: NN137**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY PARK BR 3			Date: 04/01/2024	
Bridge Ref/No: NN137		Span Width: 2.00 m		Map Ref: 324861,857353
BCI Span Number: 1/1	BCI Span Total	Length of Span: 4.80 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: E Steel

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	1.1	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing	1	A	13.1	?	?	0		

Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0		
	9	Abutments (Incl. Arch Springing)	1	A	3.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	B	16.1	RM	L	99		Top bar split at fixings
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	D	9.1	N	?	0		

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls	2	C	3.2	RVP	L	99		
	33	Embankments	2	C	11.1	I	H	99		Northern embankment has significant erosion with large tree directly above.
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **MILLBUIES COUNTRY PARK BR 3**

Ref No: **NN137**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 04/01/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
23	R Repair / Maintain	Low	£99							
25	N No Action Monitor Only	?	£0							
32	REMOVE VEGETATION AND POINT	Low	£99							
33	To be investigated	High	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: BRAEHEAD BRIDGE KEITH**

**Ref No: NN039**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: BRAEHEAD BRIDGE KEITH			Date: 28/10/2024	
Bridge Ref/No: NN039		Span Width: 0.95 m		Map Ref: 342244,849520
BCI Span Number: 1	BCI Span Total	Length of Span: 9.80 m		Primary Deck Form: 08 Truss - At / Below Deck Surfacing
Span description:				Primary Deck Material: E Steel
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	39.54	BCS av	3.70	BCI av	39.54	BCS av	3.70		
BCI crit	0.00	BCS crit		BCI crit	0.00	BCS crit	5.00		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	5	D	1.1	R	H	99	✓	Section loss at the abutment area. Gusset plates are thinning at the welds. Deck supports are detached.
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing	5	E	1.4	R	H	99		Almost all welds have rusted out.

Load Bearing Sub Structure	8	Foundations	2	C	6.5	RM	M	99		Southern side has some scour.
	9	Abutments (Incl. Arch Springing)	4	C	3.1	RM	M	99		Spalling under the Northern side bridge seat. Half of the block under the end of bridge downstream Left has fallen away.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	5	E	4.1	R	H	99		Not worth painting
	20	Painting: Substructure Elements	5	E	4.1	R	H	99		Beyond saving
	21	Painting: Parapets/Safety Fences	5	E	4.1	R	H	99		Needs replacing.

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	5	D	1.1	R	H	99		Half of the handrail supports have rusted out.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **BRAEHEAD BRIDGE KEITH**

Ref No: **NN039**

Other Bridge Elements	26	Invert/River Bed	2	C	7.1	RM	L	99		Minor scour around Southern wingwall.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls	1	A	2.2	?	?	0		
	32	Retaining Walls								
	33	Embankments	2	C	11.1	N	?	0		
	34	Machinery								

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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
1	1	4	D	1.4	R	H	£99	Repair is unachievable. Corrosion is to severe.

**Inspector's Comments**

Bridge is unsafe. There is no structural strength left in the deck element.

Name: Redacted	Signed:	Date: 28/10/2024
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**Engineer's Comments**

Name:	Signed:	Date: 01/01/1970
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**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: BRAEHEAD BRIDGE KEITH

Ref No: NN039

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
8	R Repair / Maintain	Medium	£99
1	TO BE REPLACED	High	£99
1	TO BE REPLACED	High	£99
19	TO BE REPLACED	High	£99
20	TO BE REPLACED	High	£99
21	TO BE REPLACED	High	£99
23	TO BE REPLACED	High	£99
26	R Repair / Maintain	Low	£99
33	N No Action Monitor Only	?	£0
9	R Repair / Maintain	Medium	£99
7	TO BE REPLACED	High	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MARYPARK PLAY AREA BRIDGE**

**Ref No: NN130**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MARYPARK PLAY AREA BRIDGE			Date: 08/05/2024	
Bridge Ref/No: NN130		Span Width: 1.08 m	Map Ref: 319430,838531	
BCI Span Number: 1/1	BCI Span Total	Length of Span: 1.70 m	Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface	
Span description:			Primary Deck Material: N Timber	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element	

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	3	C	16.1	R	M	99		Timber has rot, especially around fixings
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	3.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	3	C	16.1	R	M	99		Upstream right, upright has rotten through at ground level and is no longer fixed. Signs of rot through out.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	D	9.1	R	L	99		

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments								
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **MARYPARK PLAY AREA BRIDGE**

Ref No: **NN130**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 08/05/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
1	TO BE REPLACED	Medium	£99							
23	TO BE REPLACED	Medium	£99							
25	TO BE REPLACED	Low	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: BAIRNS BRIDGE**

**Ref No: NN033**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 2 for this structure</b>	
Bridge Name: BAIRNS BRIDGE			Date: 08/05/2024	
Bridge Ref/No: NN033		Span Width: 2.26 m		Map Ref: 328049,849524
BCI Span Number: 1	BCI Span Total	Length of Span: 12.20 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 26 Other - No Transverse Beams
Number of construction forms in Bridge/Span: 0				Secondary Deck Material: B Plain / Mass Concrete

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	1.1	?	?	0	✓	
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	2.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	2	C	2.5	I	L	99		The top 50mm has some damage around the edge.
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	B	1.1	P	L	99		Some small areas of rust.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		

Other Bridge Elements	26	Invert/River Bed	2	C	5.2	RV	L	99		Some saplings have started to grow in the vicinity. No immediate danger to structure.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **BAIRNS BRIDGE**

Ref No: **NN033**

Ancillary Elements	35	Approach Rails/Barriers/Walls	2	D	13.1	RM	M	99		Upstream extent is loose. Reset.
	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
1	1	3	C	1.3	R	M	£99	Nut missing from pier.

**Inspector's Comments**

Name: Redacted

Signed:

Date: 08/05/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
1	TO BE REPLACED	Medium	£99
26	REMOVE VEGETATION	Low	£99
35	R Repair / Maintain	Medium	£99
11	To be investigated	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **BAIRNS BRIDGE**

Ref No: **NN033**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 2 of 2 for this structure</b>	
Bridge Name: BAIRNS BRIDGE			Date: 08/05/2024	
Bridge Ref/No: NN033		Span Width: 2.26 m	Map Ref: 328049,849524	
BCI Span Number: 2	BCI Span Total	Length of Span: 11.90 m	Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface	
Span description:			Primary Deck Material: E Steel	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 26 Other - No Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: B Plain / Mass Concrete	

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	1.1	P	L	99		Some small rust patches near the walkway.
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	2.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	2	D	2.5	I	L	99		Damage around the top edge. 50mm depth.
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	B	1.1	P	L	99		Chips in need of treatment.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	B	9.1	N	?	0		Minor wear at the joint between spans.

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	2	B	11.1	N	?	0		Caused by footfall. Directly under the bridge at the abutment.
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **BAIRNS BRIDGE**

Ref No: **NN033**

Ancillary Elements	35	Approach Rails/Barriers/Walls	1	A	1.1	?	?	0		
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 08/05/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
25	N No Action Monitor Only	?	£0
33	N No Action Monitor Only	?	£0
11	To be investigated	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: CALLY OVERBRIDGE**

**Ref No: NN000**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: CALLY OVERBRIDGE			Date: 12/03/2024	
Bridge Ref/No: NN000		Span Width: 4.40 m		Map Ref: 318300,841472
BCI Span Number: 1/1	BCI Span Total	Length of Span: 4.57 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: B Plain / Mass Concrete
All above ground elements inspected:			Photographs:	Secondary Deck Form: 35 Troughing - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: E Steel

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	3	D	1.1	P	L	99		Outer members moderately corroded. Remove rust and treat.
	2	Secondary Deck Element/S - Transverse Beams	2	B	3.5	N	?	0		Minor hairline cracks.
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever	3	E	1.1	P	L	99		Remove rust and treat.
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0		
	9	Abutments (Incl. Arch Springing)	2	C	3.6	RM	M	99		4 blocks have weathered poorly at the bas3 of the Northern abutment.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing	1	A	14.1	?	?	0		
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences	5	E	4.1	P	H	99		Paint all elements	

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	D	13.1	P	L	99		Scarthes and indentations in metal. Paint.
	24	Carriageway Surfacing	2	B	9.1	N	?	0		
	25	Footway/Verge/Footbridge Surfacing								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **CALLY OVERBRIDGE**

Ref No: **NN000**

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	4	D	3.7	RM	H	99		Impact to Northern side. 1 wall is leaning and cracked, leaning towards footpath below.
	32	Retaining Walls	2	B	3.2	N	?	0		
	33	Embankments								
34	Machinery									

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 12/03/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
31	R Repair / Maintain	High	£99
2	N No Action Monitor Only	?	£0
24	N No Action Monitor Only	?	£0
32	N No Action Monitor Only	?	£0
9	R Repair / Maintain	Medium	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: OPP KNOCKANDO FISHING HUT**

**Ref No: NN160**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: OPP KNOCKANDO FISHING HUT			Date: 12/03/2024	
Bridge Ref/No: NN160		Span Width: 4.70 m		Map Ref: 318082,841220
BCI Span Number: 1/1	BCI Span Total	Length of Span: 0.89 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: N Timber
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	16.2	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	1	A	1.1	?	?	0		
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	1	A	6.2	?	?	0		
	9	Abutments (Incl. Arch Springing)	1	A	3.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences									

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	16.2	?	?	0		
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	2	C	7.2	RV	L	99		Tree growing below the deck.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls	1	A	3.2	?	?	0		
	32	Retaining Walls								
	33	Embankments	2	C	11.1	N	?	0		Minor up hill slip.
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **OPP KNOCKANDO FISHING HUT**

Ref No: **NN160**

Ancillary Elements	35	Approach Rails/Barriers/Walls	1	A	16.2	?	?	0		
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 12/03/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
26	REMOVE VEGETATION	Low	£99
33	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: OVER BURN AT DALVENUAN**

**Ref No: NN161**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: OVER BURN AT DALVENUAN			Date: 12/03/2024	
Bridge Ref/No: NN161		Span Width: 7.72 m		Map Ref: 318181,840407
BCI Span Number: 1	BCI Span Total	Length of Span: 4.10 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: N Timber

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	16.2	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	3	E	1.1	P	L	99		Remove rust and paint.
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	3.2	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences									

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	16.2	?	?	0		
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls	3	D	3.6	RM	L	99		Coping stones missing from the downstream extent.
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **OVER BURN AT DALVENUAN**

Ref No: **NN161**

Ancillary Elements	35	Approach Rails/Barriers/Walls	1	A	16.2	?	?	0		
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 12/03/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
31	R Repair / Maintain	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: OVER TRACK AT DALVENUAN**

**Ref No: NN162**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: OVER TRACK AT DALVENUAN			Date: 12/03/2024	
Bridge Ref/No: NN162		Span Width: 3.00 m		Map Ref: 318198,840371
BCI Span Number: 1	BCI Span Total	Length of Span: 4.10 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:			Primary Deck Material: N Timber	
All above ground elements inspected:		Photographs:		Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element	

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	16.2	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	3	E	1.1	P	L	99		All members have ltyile protection from coatings. Moderates rust covers these elements.
	3	Secondary Deck Element/S - Element From Table 3								
	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)	2	B	3.2	N	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	16.2	?	?	0		
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls	1	A	3.2	?	?	0		
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **OVER TRACK AT DALVENUAN**

Ref No: **NN162**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 12/03/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>											
Reference No.	Suggested Remedial Work	Priority	Estimated Cost								
9	N No Action Monitor Only	?	£0								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

Name: **PITCHROY 1**

Ref No: **NN163**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: PITCHROY 1			Date: 08/05/2024	
Bridge Ref/No: NN163		Span Width: 4.10 m		Map Ref: 317572,837760
BCI Span Number: 1	BCI Span Total	Length of Span: 4.50 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: N Timber
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	3	C	1.2	R	M	99		Inner, top flange of both outer I beams have rusted. Significantly thinner than original.
	2	Secondary Deck Element/S - Transverse Beams	3	D	1.2	R	M	99		Angle bar has rotten away in the observable area.
	3	Secondary Deck Element/S - Element From Table 3								
	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)	2	C	3.2	N	?	0		Minor loss.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	5	D	4.1	R	M	99		Replace where needed.
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	16.2	?	?	0		New timber
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		

Other Bridge Elements	26	Invert/River Bed	2	E	7.2	N	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls	2	B	3.6	R	L	99		3 copings missing.
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **PITCHROY 1**

Ref No: **NN163**

Ancillary Elements	35	Approach Rails/Barriers/Walls									
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 08/05/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
31	TO BE REPLACED	Low	£99
2	TO BE REPLACED	Medium	£99
1	TO BE REPLACED	Medium	£99
19	TO BE REPLACED	Medium	£99
26	N No Action Monitor Only	?	£0
9	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: PITCHROY SUSPENSION BRIDGE**

**Ref No: NN164**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: PITCHROY SUSPENSION BRIDGE			Date: 08/05/2024	
Bridge Ref/No: NN164		Span Width: 2.08 m		Map Ref: 317539,837740
BCI Span Number: 1	BCI Span Total	Length of Span: 15.40 m		Primary Deck Form: 17 Cable Stayed / Suspension
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: N Timber

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	16.2	?	?	0		New timber, fixings are still tight. Some movement when transiting(expected).
	2	Secondary Deck Element/S - Transverse Beams	2	C	1.3	P	L	99		Some corrosion to bulldog clamps.
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	2	B	6.5	I	L	99		Upstream left, has some scour around the corner of the abutment.
	9	Abutments (Incl. Arch Springing)	2	C	3.2	RM	L	99		Upstream left needs repair. Scour u de 2 blocks, one has sunk into the void.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	16.2	?	?	0		Solid
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **PITCHROY SUSPENSION BRIDGE**

Ref No: **NN164**

Other Bridge Elements	26	Invert/River Bed	2	B	7.1	RM	L	99		Upstream, left, corner has some scour.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls	3	B	3.2	RM	L	99		In the scoured out area.
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		Dead tree has fallen upstream, bridging the gap. Embankments sound.
	34	Machinery								

Ancillary Elements	35	Approach Rails/Barriers/Walls	1	A	16.2	?	?	0		
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 08/05/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
8	To be investigated	Low	£99
31	R Repair / Maintain	Low	£99
26	R Repair / Maintain	Low	£99
9	R Repair / Maintain	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: HIGHLAND DISTILLERY BRIDGE 2**

**Ref No: NN119**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: HIGHLAND DISTILLERY BRIDGE 2			Date: 05/09/2024	
Bridge Ref/No: NN119		Span Width: 2.20 m		Map Ref: 327433,849083
BCI Span Number: 1	BCI Span Total	Length of Span: 12.10 m		Primary Deck Form: 05 Beam / Girder - Box Beams
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	6	F	0.0	?	?	0		Item under water. Condition unknown.
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	6	F	0.0	?	?	0		Item under water, condition unknown.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing	2	D	14.1	N	?	0		Timber boards with spaces.
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	D	16.2	N	?	0		Early signs of decay through half the structure. Still solid. Upstream side is new.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	C	16.1	N	?	0	✓	Some decay around the fixings area. Timber is extremely slippy outside the anti-slip area.

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: HIGHLAND DISTILLERY BRIDGE 2**

**Ref No: NN119**

Other Bridge Elements	26	Invert/River Bed	6	F	0.0	?	?	0		Dark, brackish water that is too deep to enter.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
	34	Machinery								

Ancillary Elements	35	Approach Rails/Barriers/Walls	2	C	16.2	N	?	0		Some decay but solid.
	36	Signs								
	37	Lighting								
	38	Services	2	E	1.1	B	?	0		Item submerged.

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
25	1	5	E	16.3	R	H	£99	Plywood patch repair has now failed. Separated and weak. Needs replacing.

**Inspector's Comments**

Name: Redacted	Signed:	Date: 05/09/2024
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**Engineer's Comments**

Name:	Signed:	Date: 01/01/1970
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**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
17	N No Action Monitor Only	?	£0
23	N No Action Monitor Only	?	£0
25	N No Action Monitor Only	?	£0
25	TO BE REPLACED	High	£99
35	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: RAILWAY TRACK CULVERT**

**Ref No: NN165**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: RAILWAY TRACK CULVERT			Date: 05/04/2024	
Bridge Ref/No: NN165		Span Width: 2.61 m		Map Ref: 327884,848457
BCI Span Number: 1	BCI Span Total	Length of Span: 2.03 m		Primary Deck Form: 14 Culvert / Pipe / Subway - Box
Span description:				Primary Deck Material: A Reinforced Concrete
All above ground elements inspected:			Photographs:	Secondary Deck Form: NONE
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	92.33	BCS av	1.43		BCI av	92.33	BCS av	1.43	
BCI crit	100.00	BCS crit			BCI crit	100.00	BCS crit	1.00	

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	2.1	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)								
	10	Spandrel Wall/Head Wall	1	A	5.2	?	?	0		✓
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing	1	A	14.1	?	?	0		
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences									

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	C	16.2	N	?	0		
	24	Carriageway Surfacing	4	D	9.4	RM	M	99		4 large potholes in the walking surface.
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	1	A	5.2	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works	1	A	1.1	?	?	0		Gabion baskets in good condition.
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **RAILWAY TRACK CULVERT**

Ref No: **NN165**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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
10	1	2	B	5.1	I	L	£99	Tree growing above the downstream extent.

**Inspector's Comments**

6m long box culvert, gabion basket wing walls/training walls.All in sound condition.

Name: Redacted	Signed:	Date: 05/04/2024
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**Engineer's Comments**

Name:	Signed:	Date: 01/01/1970
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**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
23	N No Action Monitor Only	?	£0
24	R Repair / Maintain	Medium	£99
10	To be investigated	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: BUCHROMB CULVERT**

**Ref No: NN044**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: BUCHROMB CULVERT			Date: 30/01/2024	
Bridge Ref/No: NN044		Span Width: 6.40 m	Map Ref: 331462,844098	
BCI Span Number: 1	BCI Span Total	Length of Span: 0.80 m	Primary Deck Form: 01 Arch - Solid Spandrel	
Span description:			Primary Deck Material: Q Other	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element	

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	D	3.2	P	L	99		Minor pointing loss. No immediate threat.
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	3.1	?	?	0		Difficult to inspect without camer assistance.
	10	Spandrel Wall/Head Wall	3	C	3.2	P	L	99		Downstream extent has some moderate gaps in between blocks.
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing	1	A	9.1	?	?	0		Dirt track is sound.
	25	Footway/Verge/Footbridge Surfacing								

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								
	33	Embankments	1	A	11.1	?	?	0		
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: BUCHROMB CULVERT**

**Ref No: NN044**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 30/01/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
1	POINT	Low	£99							
10	POINT	Low	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: LOSSIE WYND FOOTBRIDGE**

**Ref No: NN129**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: LOSSIE WYND FOOTBRIDGE			Date: 25/11/2024	
Bridge Ref/No: NN129		Span Width: 3.00 m		Map Ref: 321597,863275
BCI Span Number: 1	BCI Span Total	Length of Span: 25.82 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: E Steel

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	96.89	BCS av	1.18		BCI av	96.89	BCS av	1.18	
BCI crit	100.00	BCS crit			BCI crit	100.00	BCS crit	1.00	

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	1.1	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	1	A	1.1	?	?	0		
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing	1	A	1.1	?	?	0		

Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0		
	9	Abutments (Incl. Arch Springing)	1	A	3.6	N	?	0		Minor surface weathering to the LHS abutment.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0		
	14	Bearing Plinth/Shelf	1	A	2.1	?	?	0		

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	2	E	4.1	N	?	0		
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences	2	B	4.1	N	?	0		

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	1.1	?	?	0		
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	2	B	7.1	N	?	0		
	27	Aprons	1	A	2.2	?	?	0		
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls	2	C	3.6	RM	L	99		missing copings.
	33	Embankments	1	A	11.1	?	?	0		
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **LOSSIE WYND FOOTBRIDGE**

Ref No: **NN129**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services	1	A	1.1	?	?	0		

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

**Multiple Defects**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 25/11/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
19	N No Action Monitor Only	?	£0
21	N No Action Monitor Only	?	£0
26	N No Action Monitor Only	?	£0
32	R Repair / Maintain	Low	£99
9	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MILLBUIES COUNTRY PARK BR 1A**

**Ref No: NN135**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY PARK BR 1A			Date: 04/01/2024	
Bridge Ref/No: NN135		Span Width: 1.20 m		Map Ref: 324225,856880
BCI Span Number: 1/1	BCI Span Total	Length of Span: 2.00 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: N Timber
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	16.2	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	3	D	6.1	RM	L	99		Small footbridge has sank on the loch side resulting in a slight tilt in the deck.
	9	Abutments (Incl. Arch Springing)	2	E	5.2	N	?	0		Moss and ferns obscured inspection
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	4	E	9.5	RM	L	99		Chicken wire fence used as anti-slip has gone. Replace

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: MILLBUIES COUNTRY PARK BR 1A**

**Ref No: NN135**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 04/01/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
8	R Repair / Maintain	Low	£99							
25	R Repair / Maintain	Low	£99							
9	N No Action Monitor Only	?	£0							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MILLBUIES COUNTRY PARK BR 1B**

**Ref No: NN136**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY PARK BR 1B			Date: 04/01/2024	
Bridge Ref/No: NN136		Span Width: 1.20 m		Map Ref: 324358,856900
BCI Span Number: 1/1	BCI Span Total	Length of Span: 1.30 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: N Timber
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	16.2	N	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	2	E	5.2	RV	L	99		Not visible
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	4	E	9.5	RM	L	99		Replace chicken wire anti-slip surface

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: MILLBUIES COUNTRY PARK BR 1B**

**Ref No: NN136**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 04/01/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
1	N No Action Monitor Only	?	£0							
25	R Repair / Maintain	Low	£99							
9	REMOVE VEGETATION	Low	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MILLBUIES COUNTRY PARK DB 1**

**Ref No: NN139**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY PARK DB 1			Date: 04/01/2024	
Bridge Ref/No: NN139		Span Width: 1.20 m		Map Ref: 324795,857224
BCI Span Number: 1	BCI Span Total	Length of Span: 1.20 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: N Timber
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: N Timber

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	16.2	N	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	3	C	6.2	N	?	0		1 corner raised
	9	Abutments (Incl. Arch Springing)								
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
14	Bearing Plinth/Shelf									

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences									

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **MILLBUIES COUNTRY PARK DB 1**

Ref No: **NN139**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 04/01/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>											
Reference No.	Suggested Remedial Work	Priority	Estimated Cost								
8	N No Action Monitor Only	?	£0								
1	N No Action Monitor Only	?	£0								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MILLBUIES COUNTRY PARK DB 2**

**Ref No: NN140**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY PARK DB 2			Date: 04/01/2024	
Bridge Ref/No: NN140		Span Width: 1.23 m		Map Ref: 324758,857188
BCI Span Number: 1	BCI Span Total	Length of Span: 1.00 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: N Timber
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: N Timber

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	16.2	N	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)								
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	B	9.5	N	?	0		

Other Bridge Elements	26	Invert/River Bed	2	C	7.1	RM	L	99		Scour has created a gully to the loch
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	2	C	11.1	I	L	99		Upstream embankment has some scour at the footing.
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **MILLBUIES COUNTRY PARK DB 2**

Ref No: **NN140**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted	Signed:	Date: 04/01/2024
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**Engineer's Comments**

Name:	Signed:	Date: 01/01/1970
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**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
1	N No Action Monitor Only	?	£0
25	N No Action Monitor Only	?	£0
26	R Repair / Maintain	Low	£99
33	To be investigated	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: MILLBUIES COUNTRY PARK DB 3**

**Ref No: NN141**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: MILLBUIES COUNTRY PARK DB 3			Date: 04/01/2024	
Bridge Ref/No: NN141		Span Width: 1.30 m		Map Ref: 324580,857120
BCI Span Number: 1	BCI Span Total	Length of Span: 2.40 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: N Timber
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: N Timber

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	16.2	N	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	2	C	6.1	N	?	0		One raised corner,
	9	Abutments (Incl. Arch Springing)								
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	4	E	9.5	R	L	99		Replace chicken wire anti-slip surface.

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **MILLBUIES COUNTRY PARK DB 3**

Ref No: **NN141**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 04/01/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
8	N No Action Monitor Only	?	£0							
1	N No Action Monitor Only	?	£0							
25	TO BE REPLACED	Low	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: NORTH OF DELNAPOT**

**Ref No: NN148**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: NORTH OF DELNAPOT			Date: 08/05/2024	
Bridge Ref/No: NN148		Span Width: 4.50 m		Map Ref: 317080,837187
BCI Span Number: 1	BCI Span Total	Length of Span: 5.30 m		Primary Deck Form: 01 Arch - Solid Spandrel
Span description:				Primary Deck Material: K Masonry - Brick
All above ground elements inspected:			Photographs:	Secondary Deck Form: NONE
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: Q Other

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	71.65	BCS av	2.43		BCI av	71.65	BCS av	2.43	
BCI crit	50.32	BCS crit			BCI crit	50.32	BCS crit	3.30	

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	3	D	3.6	RM	M	99	✓	3 adjacent bricks missing and 8 areas of severely weathered brick.
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	3.2	?	?	0		
	10	Spandrel Wall/Head Wall	3	C	5.1	RVP	H	99		Tree growing from arch ring on the Cragganmore side.
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage	1	A	8.4	?	?	0		
	17	Waterproofing	4	E	14.2	RM	M	99		Wet surfaces and thick, well established stalactites present.
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	B	3.6	RM	L	99	✓	Copings missing, 2 of.
	24	Carriageway Surfacing	5	E	9.1	RV	L	99		Carriageway not in use. Vegetation growing on structure is detrimental.
	25	Footway/Verge/Footbridge Surfacing								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **NORTH OF DELNAPOT**

Ref No: **NN148**

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0	
	27	Aprons							
	28	Fenders/Cutwaters/Collision Protection							
	29	River Training Works							
	30	Revetment/Batter Paving							
	31	Wing Walls	3	E	5.1	RV	M	99	Remove trees growing in direct contact with bridge.
	32	Retaining Walls							
	33	Embankments	1	A	11.1	?	?	0	
	34	Machinery							

Ancillary Elements	35	Approach Rails/Barriers/Walls							
	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
1	1	3	D	3.4	RM	M	£99	Crack follows both voussoirs. Blackboat side is 10mm at its widest.
23	2	3	E	5.1	RV	H	£99	Multiple trees growing from the surface in direct contact with parapet.

**Inspector's Comments**

Arch has areas of missing brick linked together with a crack along both voussoirs. Stalactites present on the river side. Tree in the Cragganmore spandrel, just above the arch ring.

Name: Redacted	Signed:	Date: 08/05/2024
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**Engineer's Comments**

Name:	Signed:	Date: 01/01/1970
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**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: NORTH OF DELNAPOT

Ref No: NN148

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
31	REMOVE VEGETATION	Medium	£99
17	R Repair / Maintain	Medium	£99
1	R Repair / Maintain	Medium	£99
1	R Repair / Maintain	Medium	£99
23	REMOVE VEGETATION	High	£99
23	R Repair / Maintain	Low	£99
24	REMOVE VEGETATION	Low	£99
10	REMOVE VEGETATION AND POINT	High	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: HA' OF AUCHENREATH**

**Ref No: NN117**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: HA' OF AUCHENREATH			Date: 21/08/2024	
Bridge Ref/No: NN117		Span Width: 0.50 m	Map Ref: 337735,864131	
BCI Span Number: 1	BCI Span Total	Length of Span: 0.60 m	Primary Deck Form: STONE CULVERT	
Span description:			Primary Deck Material: L Masonry - Stone	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element	

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	92.98	BCS av	1.39	BCI av	92.98	BCS av	1.39		
BCI crit	100.00	BCS crit		BCI crit	100.00	BCS crit	1.00		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	15.1	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	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)	2	C	3.2	P	L	99		Some minor pointing loss around the upstream outersurface.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing	2	C	9.1	RM	L	99		Undulating and worn surfaces.
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	2	C	7.2	RV	L	99		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments								
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: HA' OF AUCHENREATH

Ref No: NN117

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Stone culvert, well constructed and in reasonable condition. Some minor mortar loss.										
Name: Redacted				Signed:				Date: 21/08/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
24	R Repair / Maintain	Low	£99							
26	REMOVE VEGETATION	Low	£99							
9	POINT	Low	£99							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: BUCHROMB WOOD CULVERT 1**

**Ref No: NN045**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: BUCHROMB WOOD CULVERT 1			Date: 30/01/2024	
Bridge Ref/No: NN045		Span Width: 1.80 m		Map Ref: 331902,843163
BCI Span Number: 1	BCI Span Total	Length of Span: 18.20 m		Primary Deck Form: 01 Arch - Solid Spandrel
Span description:				Primary Deck Material: K Masonry - Brick
All above ground elements inspected:			Photographs:	Secondary Deck Form: 20 No Secondary Deck Element - No Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: K Masonry - Brick

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	66.62	BCS av	2.65	BCI av	66.62	BCS av	2.65		
BCI crit	78.88	BCS crit		BCI crit	78.88	BCS crit	2.10		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	C	3.6	RM	M	99	✓	There are multiple areas of weathered brick, most notably around the voussoirs.
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	2	C	6.1	I	L	99		Cracks along the length of the abutments could be related to foundations or scour.
	9	Abutments (Incl. Arch Springing)	2	C	3.6	RM	M	99		Sandstone blocks have significant weathering in some areas. One area, the stone is wet and crumbling.
	10	Spandrel Wall/Head Wall	2	C	3.2	RM	L	99		
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings								
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing	3	E	14.2	I	M	99		Efflorescence and stalactites throughout. Icicles show where water is passing easily.
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries	5	E	13.1	R	H	99		Timber access staircase has collapsed.
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing	1	A	9.1	?	?	0		Dirt footpath, in good condition.
	25	Footway/Verge/Footbridge Surfacing								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **BUCHROMB WOOD CULVERT 1**

Ref No: **NN045**

Other Bridge Elements	26	Invert/River Bed	4	E	7.1	RM	H	99		The whole structure has scoured along the abutments. Concrete invert has scoured away.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection	2	D	3.6	RM	M	99		Fenders a Have scour beneath them, resulting a third braking away.
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls	3	C	3.1	RM	M	99	✓	Downstream extent has trees growing behind, pushing the blocks out.
	32	Retaining Walls								
	33	Embankments	3	C	11.1	I	L	99		Downstream RHS bank has slipped.
34	Machinery									

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	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
1	1	3	C	3.4	RM	M	£99	2 areas 9f noticeable cracks in the downstream voussoir.
31	2	3	E	3.2	P	H	£99	Pointing is poor all round.
31	3	2	D	3.6	RM	M	£99	Sandstone blocks have weathered in multiple areas.

**Inspector's Comments**

Abutments are 1.75m high. Arch has 0.95m radius at top dead centre, with 5 courses of red brick(0.6m) deep. Abutments, spandrel and wing walls appear to be sandstone. Concrete aprons are 200mmx200mm, heavily scoured. Concrete invert is no longer present through 75% of structure. Access staircase is a danger to all entrants, collapsed at bottom.

Name: Redacted	Signed:	Date: 30/01/2024
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**Engineer's Comments**

Name:	Signed:	Date: 01/01/1970
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**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: BUCHROMB WOOD CULVERT 1

Ref No: NN045

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
8	To be investigated	Low	£99
31	POINT	High	£99
31	R Repair / Maintain	Medium	£99
31	R Repair / Maintain	Medium	£99
17	To be investigated	Medium	£99
1	R Repair / Maintain	Medium	£99
1	R Repair / Maintain	Medium	£99
22	TO BE REPLACED	High	£99
26	R Repair / Maintain	High	£99
28	R Repair / Maintain	Medium	£99
33	To be investigated	Low	£99
9	R Repair / Maintain	Medium	£99
10	R Repair / Maintain	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: BROOM OF MOY FLOOD SPAN**

**Ref No: NN042**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 2 for this structure</b>	
Bridge Name: BROOM OF MOY FLOOD SPAN			Date: 28/05/2024	
Bridge Ref/No: NN042		Span Width: 28.00 m		Map Ref: 302072,859157
BCI Span Number: 1	BCI Span Total	Length of Span: 4.00 m		Primary Deck Form: 10 Truss - Full Through
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 35 Troughing - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: E Steel

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	96.64	BCS av	1.19		BCI av	95.49	BCS av	1.26	
BCI crit	90.50	BCS crit			BCI crit	81.00	BCS crit	2.00	

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	1.1	?	?	0	✓	
	2	Secondary Deck Element/S - Transverse Beams	1	A	1.1	?	?	0	✓	
	3	Secondary Deck Element/S - Element From Table 3								
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing								

Load Bearing Sub Structure	8	Foundations	2	B	2.2	I	L	99	✓	Hairline crack in the pier.
	9	Abutments (Incl. Arch Springing)	1	A	2.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	2	B	2.2	I	L	99	✓	Both piers have a similar, diagonal crack at the upstream bearing. A96 side has a crack around the base also.
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0	✓	
14	Bearing Plinth/Shelf	1	A	2.1	?	?	0	✓		

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	1	A	4.1	?	?	0	✓	
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences	1	A	4.1	?	?	0	✓		

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	1.1	?	?	0	✓	
	24	Carriageway Surfacing	1	A	9.1	?	?	0	✓	
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	2	E	7.2	N	?	0	✓	Stone and River debris present.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection	1	A	2.2	?	?	0		
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0	✓	
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **BROOM OF MOY FLOOD SPAN**

Ref No: **NN042**

Ancillary Elements	35	Approach Rails/Barriers/Walls	3	D	1.3	R	M	99	✓	Bolts are missing from the access panels over the abutments.
	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
1	1	1	A	1.1	?	?	£0	
2	2	1	A	1.1	?	?	£0	
8	3	2	B	6.2	I	L	£99	Diagonal, hairline crack from top of the pier, on the inside of the bearing. Stops at the upstream cutwater.
11	4	2	B	2.2	I	L	£99	Hairline crack around the base and a diagonal crack at the upstream bearing.
13	5	1	A	12.2	?	?	£0	
14	6	1	A	2.1	?	?	£0	
19	7	1	A	4.1	?	?	£0	
21	8	1	A	4.1	?	?	£0	
23	9	1	A	1.1	?	?	£0	
24	10	1	A	9.1	?	?	£0	
26	11	2	E	7.2	N	?	£0	Stone and River debris present.
33	12	4	E	5.2	RV	L	£99	Well established Giant Hogweed around abutment.
35	13	1	A	1.1	?	?	£0	

**Inspector's Comments**

Nut missing from link up section.

Name: Redacted	Signed:	Date: 28/05/2024
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**Engineer's Comments**

Name:	Signed:	Date: 01/01/1970
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**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: BROOM OF MOY FLOOD SPAN

Ref No: NN042

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
8	To be investigated	Low	£99
8	To be investigated	Low	£99
26	N No Action Monitor Only	?	£0
33	REMOVE VEGETATION	Low	£99
35	TO BE REPLACED	Medium	£99
11	To be investigated	Low	£99

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **BROOM OF MOY FLOOD SPAN**

Ref No: **NN042**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 2 of 2 for this structure</b>	
Bridge Name: BROOM OF MOY FLOOD SPAN			Date: 28/05/2024	
Bridge Ref/No: NN042		Span Width: 28.00 m	Map Ref: 302072,859157	
BCI Span Number: 3	BCI Span Total	Length of Span: 4.00 m	Primary Deck Form: 10 Truss - Full Through	
Span description:			Primary Deck Material: E Steel	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 35 Troughing - Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: E Steel	

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	96.64	BCS av	1.19	BCI av	97.80	BCS av	1.13		
BCI crit	90.50	BCS crit		BCI crit	100.00	BCS crit	1.00		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	1.1	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	1	A	1.1	?	?	0		
	3	Secondary Deck Element/S - Element From Table 3								
	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)	1	A	2.2	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0		
	14	Bearing Plinth/Shelf	1	A	2.2	?	?	0		
Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	1	A	4.1	?	?	0		
	20	Painting: Substructure Elements								
Safety Elements	21	Painting: Parapets/Safety Fences	1	A	4.1	?	?	0		
	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	1.1	?	?	0		
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
Other Bridge Elements	25	Footway/Verge/Footbridge Surfacing								
	26	Invert/River Bed	2	E	7.2	N	?	0		Stone debris present.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
33	Embankments									
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: BROOM OF MOY FLOOD SPAN**

**Ref No: NN042**

Ancillary Elements	35	Approach Rails/Barriers/Walls	2	C	1.1	P	L	99		Full depth of paint chipped, exposing bare metal
	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**

No multiple defects recorded

**Inspector's Comments**

Chipped paintbin approach rails and offensive graffiti in the abutment

Name: Redacted

Signed:

Date: 28/05/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
26	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: Forres Duckpond North**

**Ref No: NN101**

<b>General Inspection CSS</b>		Inspector: andrew.ingram	<b>Form 1 of 1 for this structure</b>	
Bridge Name: Forres Duckpond North			Date: 04/12/2024	
Bridge Ref/No: NN101		Span Width: 1.40 m		Map Ref: 303450,858979
BCI Span Number: 1	BCI Span Total	Length of Span: 4.00 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:			Primary Deck Material: M Frp / Grp / Composite	
All above ground elements inspected:		Photographs:		Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: M Frp / Grp / Composite	

Condition Indicator and Scores							
Average Score for structure				Span Score			
BCI av		BCS av		BCI av		BCS av	
BCI crit	NA	BCS crit	NA	BCI crit	NA	BCS crit	NA

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	16.4	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3	1	A	16.4	?	?	0		
	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)								
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0		
	14	Bearing Plinth/Shelf	1	A	2.1	?	?	0		

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works	1	A	2.1	?	?	0		
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: Forres Duckpond North**

**Ref No: NN101**

Ancillary Elements	35	Approach Rails/Barriers/Walls									
	36	Signs									
	37	Lighting									
	38	Services									

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

<b>Multiple Defects</b>
No multiple defects recorded

<b>Inspector's Comments</b>		
Name: andrew.ingram	Signed:	Date: 04/12/2024

<b>Engineer's Comments</b>		
Name:	Signed:	Date: 01/01/1970

<b>Work Required</b>

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: Forres Duckpond South**

**Ref No: NN102**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: Forres Duckpond South			Date: 03/12/2024	
Bridge Ref/No: NN102		Span Width: 1.40 m		Map Ref: 303410,858856
BCI Span Number: 1	BCI Span Total	Length of Span: 4.00 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: M Frp / Grp / Composite
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: M Frp / Grp / Composite

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	99.21	BCS av	1.05		BCI av	99.21	BCS av	1.05	
BCI crit	100.00	BCS crit			BCI crit	100.00	BCS crit	1.00	

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	16.4	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams								
	3	Secondary Deck Element/S - Element From Table 3	1	A	16.4	?	?	0		
	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)								
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0		
	14	Bearing Plinth/Shelf	1	A	2.1	?	?	0		

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements								
	20	Painting: Substructure Elements								
	21	Painting: Parapets/Safety Fences								

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	16.4	?	?	0		
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works	2	B	3.5	I	L	99		Upstream control gate, has a crack in the wall supporting.
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: Forres Duckpond South**

**Ref No: NN102**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 03/12/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>											
Reference No.	Suggested Remedial Work	Priority	Estimated Cost								
29	To be investigated	Low	£99								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: Lossie East Beach**

**Ref No: NN185**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 4 for this structure</b>	
Bridge Name: Lossie East Beach			Date: 28/05/2024	
Bridge Ref/No: NN185		Span Width: 21.00 m		Map Ref: 323748,870617
BCI Span Number: 1	BCI Span Total	Length of Span: 4.16 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: E Steel

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	90.85	BCS av	1.52	BCI av	91.53	BCS av	1.47		
BCI crit	68.30	BCS crit		BCI crit	65.32	BCS crit	2.70		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	1.1	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	1	A	1.1	?	?	0		
	3	Secondary Deck Element/S - Element From Table 3	1	A	16.2	?	?	0		
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing	1	A	1.1	?	?	0		

Load Bearing Sub Structure	8	Foundations								
	9	Abutments (Incl. Arch Springing)								
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	2	E	1.1	N	?	0		Concrete filled, steel pile with an I-beam in the centre that attaches to the bridge.
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0		
	14	Bearing Plinth/Shelf								

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	2	E	4.1	N	?	0		
	20	Painting: Substructure Elements	2	E	4.1	N	?	0		
	21	Painting: Parapets/Safety Fences	1	A	4.1	?	?	0		slight rusting of stainless rope section caused by corroding padlock attached.

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	B	1.1	N	?	0		
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments								
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: Lossie East Beach**

**Ref No: NN185**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 28/05/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
19	N No Action Monitor Only	?	£0							
20	N No Action Monitor Only	?	£0							
23	N No Action Monitor Only	?	£0							
11	N No Action Monitor Only	?	£0							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **Lossie East Beach**

Ref No: **NN185**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 2 of 4 for this structure</b>	
Bridge Name: Lossie East Beach			Date: 28/05/2024	
Bridge Ref/No: NN185		Span Width: 21.00 m	Map Ref: 323748,870617	
BCI Span Number: 3	BCI Span Total	Length of Span: 4.16 m	Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface	
Span description:			Primary Deck Material: E Steel	
All above ground elements inspected:		Photographs:	Secondary Deck Form: 36 Other - Transverse Beams	
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: E Steel	

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	90.85	BCS av	1.52	BCI av	93.45	BCS av	1.37		
BCI crit	68.30	BCS crit		BCI crit	65.32	BCS crit	2.70		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	1.1	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	1	A	1.1	?	?	0		
	3	Secondary Deck Element/S - Element From Table 3	1	A	16.2	N	?	0		
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing	1	A	1.1	?	?	0		
Load Bearing Sub Structure	8	Foundations								
	9	Abutments (Incl. Arch Springing)								
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	2	E	1.1	N	?	0		Concrete filled, steel pile in good condition.
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0		
	14	Bearing Plinth/Shelf								
Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	2	C	4.1	N	?	0		
	20	Painting: Substructure Elements	1	A	4.1	?	?	0		
Safety Elements	21	Painting: Parapets/Safety Fences	1	A	4.1	?	?	0		
	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	1.1	?	?	0		
	24	Carriageway Surfacing								
Other Bridge Elements	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		
	26	Invert/River Bed	2	E	7.2	N	?	0		Slight sand build up.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
33	Embankments									
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Name: Lossie East Beach**

**Ref No: NN185**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs								
	37	Lighting								
	38	Services								

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

<b>Multiple Defects</b>										
No multiple defects recorded										

<b>Inspector's Comments</b>										
Name: Redacted				Signed:				Date: 28/05/2024		

<b>Engineer's Comments</b>										
Name:				Signed:				Date: 01/01/1970		

<b>Work Required</b>										
Reference No.	Suggested Remedial Work	Priority	Estimated Cost							
3	N No Action Monitor Only	?	£0							
19	N No Action Monitor Only	?	£0							
26	N No Action Monitor Only	?	£0							
11	N No Action Monitor Only	?	£0							

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **Lossie East Beach**

Ref No: **NN185**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 3 of 4 for this structure</b>	
Bridge Name: Lossie East Beach			Date: 28/05/2024	
Bridge Ref/No: NN185		Span Width: 16.50 m		Map Ref: 323748,870617
BCI Span Number: 4	BCI Span Total	Length of Span: 4.16 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:			Primary Deck Material: E Steel	
All above ground elements inspected:		Photographs:		Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: E Steel	

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	90.85	BCS av	1.52	BCI av	90.37	BCS av	1.53		
BCI crit	68.30	BCS crit		BCI crit	78.88	BCS crit	2.10		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	C	1.1	N	?	0		Some minor staining on the paint work.
	2	Secondary Deck Element/S - Transverse Beams	2	C	1.1	N	?	0		Some rust staining on the paintwork.
	3	Secondary Deck Element/S - Element From Table 3	1	A	16.2	?	?	0		
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing	2	B	1.1	N	?	0		

Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0		
	9	Abutments (Incl. Arch Springing)	1	A	2.2	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0		
	14	Bearing Plinth/Shelf	1	A	2.1	?	?	0		

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	2	C	4.1	N	?	0		Minor rust stains in paint work.
	20	Painting: Substructure Elements	2	C	4.1	N	?	0		minor rust staining in the paintwork.
	21	Painting: Parapets/Safety Fences	1	A	4.1	?	?	0		Some stains in the stainless steel.

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	2	B	1.1	N	?	0		minor rust stains.
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	1	A	9.1	?	?	0		

Other Bridge Elements	26	Invert/River Bed	2	D	7.2	N	?	0		Moderate build up of sand building up under the span.
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments								
	34	Machinery								

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **Lossie East Beach**

Ref No: **NN185**

Ancillary Elements	35	Approach Rails/Barriers/Walls									
	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**

No multiple defects recorded

**Inspector's Comments**

Name: Redacted

Signed:

Date: 28/05/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
2	N No Action Monitor Only	?	£0
1	N No Action Monitor Only	?	£0
19	N No Action Monitor Only	?	£0
20	N No Action Monitor Only	?	£0
23	N No Action Monitor Only	?	£0
26	N No Action Monitor Only	?	£0
7	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **Lossie East Beach**

Ref No: **NN185**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 4 of 4 for this structure</b>	
Bridge Name: Lossie East Beach			Date: 28/05/2024	
Bridge Ref/No: NN185		Span Width: 16.50 m		Map Ref: 323748,870617
BCI Span Number: 1	BCI Span Total	Length of Span: 4.16 m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface
Span description:			Primary Deck Material: E Steel	
All above ground elements inspected:		Photographs:		Secondary Deck Form: 36 Other - Transverse Beams
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: E Steel	

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	90.85	BCS av	1.52	BCI av	87.16	BCS av	1.70		
BCI crit	68.30	BCS crit		BCI crit	65.32	BCS crit	2.70		

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	2	B	1.1	P	L	99		some small areas of rust on the under side.
	2	Secondary Deck Element/S - Transverse Beams	2	B	1.1	P	L	99		Minor rust on the underside. 2 areas have minor bends in the bottom flange, likely construction damage.
	3	Secondary Deck Element/S - Element From Table 3	1	A	16.2	?	?	0		
	4	Half Joints								
	5	Tie Beam/Rods								
	6	Parapet Beam Or Cantilever								
	7	Deck Bracing	2	B	1.1	P	L	99		Remove rust and paint.

Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0		
	9	Abutments (Incl. Arch Springing)	1	A	2.1	?	?	0		Concrete abutment, faced with stone.
	10	Spandrel Wall/Head Wall								
	11	Pier/Column	2	E	1.1	N	?	0		Steel pile, filled with concrete and an I-beam core attached to the bridge.
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.2	?	?	0		
	14	Bearing Plinth/Shelf	1	A	2.2	?	?	0		

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	2	C	4.1	N	?	0		
	20	Painting: Substructure Elements	4	C	4.1	P	L	99		Area around the first transfer beam has many chips in the paint exposing bare metal.
	21	Painting: Parapets/Safety Fences	2	B	4.1	N	?	0		Stainless steel has some areas that have started to rust.

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences								
	24	Carriageway Surfacing	1	A	9.1	?	?	0		
	25	Footway/Verge/Footbridge Surfacing								

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments								
34	Machinery									

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

Name: **Lossie East Beach**

Ref No: **NN185**

Ancillary Elements	35	Approach Rails/Barriers/Walls	1	A	1.1	?	?	0		
	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**

No multiple defects recorded

**Inspector's Comments**

Bottom flange of the first transfer beam has been bent in 2 places. Assumed damaged in construction phase.

Name: Redacted

Signed:

Date: 28/05/2024

**Engineer's Comments**

Name:

Signed:

Date: 01/01/1970

**Work Required**

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
19	N No Action Monitor Only	?	£0
21	N No Action Monitor Only	?	£0
11	N No Action Monitor Only	?	£0

**Bridge Inspection Pro Forma**

Based on Volume 2 Addendum: August 2004

**Inspections from 01/01/2024 to 31/12/2024 00:00:00**

**Name: Linkwood Footbridge**

**Ref No: NN137**

<b>General Inspection CSS</b>		Inspector: Redacted	<b>Form 1 of 1 for this structure</b>	
Bridge Name: Linkwood Footbridge			Date: 19/02/2024	
Bridge Ref/No: NN137		Span Width: 10.40 m		Map Ref: 323345,861328
BCI Span Number: 1	BCI Span Total	Length of Span: 3.80 m		Primary Deck Form: 09 Truss - Half Through
Span description:				Primary Deck Material: E Steel
All above ground elements inspected:			Photographs:	Secondary Deck Form: ROLLED STEEL SECTIONS
Number of construction forms in Bridge/Span: 1				Secondary Deck Material: E Steel

Condition Indicator and Scores									
Average Score for structure					Span Score				
BCI av	95.71	BCS av	1.25		BCI av	95.71	BCS av	1.25	
BCI crit	100.00	BCS crit			BCI crit	100.00	BCS crit	1.00	

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Deck Elements	1	Primary Deck Element (Table 2)	1	A	1.1	?	?	0		
	2	Secondary Deck Element/S - Transverse Beams	1	A	1.1	?	?	0		
	3	Secondary Deck Element/S - Element From Table 3	1	A	16.2	?	?	0		
	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)	1	A	2.1	?	?	0		
	10	Spandrel Wall/Head Wall								
	11	Pier/Column								
	12	Cross-head/Capping Beam								
	13	Bearings	1	A	12.1	?	?	0		
	14	Bearing Plinth/Shelf	1	A	2.1	?	?	0		

Durability Elements	15	Superstructure Drainage								
	16	Substructure Drainage								
	17	Waterproofing								
	18	Movement/Expansion Joints								
	19	Painting: Deck Elements	2	D	4.1	N	?	0		
	20	Painting: Substructure Elements								
21	Painting: Parapets/Safety Fences	2	E	4.1	N	?	0			

Safety Elements	22	Access/Walkways/Gantries								
	23	Handrail/Parapets/Safety Fences	1	A	1.1	?	?	0		
	24	Carriageway Surfacing								
	25	Footway/Verge/Footbridge Surfacing	2	E	9.5	N	?	0		Moss and algae growing on the timber making it slick.

Other Bridge Elements	26	Invert/River Bed	1	A	7.1	?	?	0		
	27	Aprons								
	28	Fenders/Cutwaters/Collision Protection								
	29	River Training Works								
	30	Revetment/Batter Paving								
	31	Wing Walls								
	32	Retaining Walls								
	33	Embankments	1	A	11.1	?	?	0		
34	Machinery									

## Bridge Inspection Pro Forma

Based on Volume 2 Addendum: August 2004

Name: **Linkwood Footbridge**

Ref No: **NN137**

Ancillary Elements	35	Approach Rails/Barriers/Walls								
	36	Signs	1	A	1.1	?	?	0		
	37	Lighting								
	38	Services								

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

### Multiple Defects

No multiple defects recorded

### Inspector's Comments

New bridge in good condition.

Name: Redacted

Signed:

Date: 19/02/2024

### Engineer's Comments

Name:

Signed:

Date: 01/01/1970

### Work Required

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
19	N No Action Monitor Only	?	£0
21	N No Action Monitor Only	?	£0
25	N No Action Monitor Only	?	£0