

General Inspection Report



Structure Name: GUTTERIDGE HALL BRIDGE

Identifier: 1515

BCI Average (Latest Condition): 90.42

BCI Critical (Latest Condition): 58.00

Financial Year: 2024/25

Planned Inspection Date: 01/04/2024

Inspection Date: 17/09/2024

Inspector: R12(3) / R13

Submitted Date: 18/09/2024

Report Status: Approved

Submission Count: 1

BCI Average: 91.69

BCI Critical: 58.00

Report Print Date: 14/04/2026

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Additional Inspection Documents

[No additional inspection documents found. To add additional inspection documents upload the document to the inspection folder on BridgeStation's file system]

Structure Summary

Name:	GUTTERIDGE HALL BRIDGE		
Identifier:	1515	Element Hierarchy Status:	Compliant
Structure Type:	Bridge	Carried:	COLCHESTER ROAD
BPRN Structure:	No	Crossed:	Railway

Authority:	Essex County Council	Restrictions:	[None]
Owner:	ECC (Essex Highways)	Assessment Status:	Unknown
Maintaining Authority:	ECC (Essex Highways)	Assessed Capacity:	

HB Rating:	
Easting/Northing:	613706, 221572
Year of Construction:	1994

No. of Spans:	3	Latest Inspection:	PI - 09/03/2026
Primary Deck Form:	04 - Beam/Girder (at/below deck surface)	BCI Average (Latest Condition):	90.42
Primary Deck Material:	Precast Prestressed Concrete (Pre-Tensioned)	BCI Critical (Latest Condition):	58.00

Structure Condition Index Key:	Very Good >=90 & <=100	Good >=80 & <90	Fair >=65 & <80	Poor >=40 & < 65	Very Poor >=0 & <40
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Last Data Change:	Element Details
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Description:

Comments: Structures Hierarchy: STR 1

Map:



Summary Photographs:

No summary photographs found for this inspection

CSS Inspection Proforma

Inspection Details

Inspection Type:	General	Financial Year:	2024/25
Inspector:	R12(3) / [REDACTED]	Inspection Date:	17/09/2024
Risk Assessment Reviewed and Updated:	<input checked="" type="checkbox"/>		
All Above Ground Elements Inspected:	Yes	Photographs:	Yes
Inspection Methodology:	Walking inspection to check above and below deck elements. No special access equipment or traffic management was required for this inspection. Span 1 is taken at the south end of bridge.		
Special Instructions:	GI's for 2024		

Inspection Condition

Condition	Index	Score	Rating
Average (17/09/2024)	91.69	1.46	Very Good
Critical (17/09/2024)	58.00	3.00	Poor

Note: Index, Score and Rating are given up to the date of inspection. Previous conditions are used where required to produce a set of conditions based on as many elements as possible.
 Average and Critical Conditions labelled 'Projected' need to be confirmed by signing off the inspection before they are shown elsewhere.

Inspection Signatures

Inspected By:	R12(3) / [REDACTED]
Inspector's Comments By:	R12(3) / [REDACTED]
Checker's Comments By:	R12(3) / R13
Engineer's Comments By:	R12(3) / [REDACTED]

Inspection Sign-off History

Change Date	User Name	Action	Old Status	New Status	Comments
18/12/2025	R12(3) / R13	Inspection compliant	Submitted	Approved	
18/09/2024	[REDACTED]	Inspection submitted	Draft	Submitted	
18/09/2024	[REDACTED]	Inspection uploaded from BridgeStation Mobile (onsite complete)	Draft	Draft	Onsite Complete
06/08/2024	[REDACTED]	Inspection downloaded on BridgeStation Mobile (Inspector Onsite)	Planned	Planned	Inspector Onsite

Structure Details

Bridge Name:	GUTTERIDGE HALL BRIDGE	Identifier:	1515
Authority:	Essex County Council	Structure Type:	Bridge
Owner:	ECC (Essex Highways)	Easting:	613706
Maintaining Authority:	ECC (Essex Highways)	Northing:	221572
Overall Structure Length (m):	47.94	Average Width (m):	12.90

Dimension Details:

Span Name	Qty	Span Length (m)	Max Width (m)	Min Width (m)	Internal Headroom (m)	Measured Headroom (A) (m)	Signed Headroom (A) (m)	Measured Headroom (B) (m)	Signed Headroom (B) (m)
GUTTERIDGE HALL BRIDGE - Span 2	1	17.90	12.90			6.00			
GUTTERIDGE HALL BRIDGE - Span 1	1	15.02	12.90			6.00			
GUTTERIDGE HALL BRIDGE - Span 3	1	15.02	12.90			6.00			

Construction Details:

Span/Wall/Gantry	Construction	Form/Material
GUTTERIDGE HALL BRIDGE - Span 1	Primary Deck (01/Primary Deck Element)	04 - Beam/Girder (at/below deck surface) / Precast Prestressed Concrete (Pre-Tensioned)
GUTTERIDGE HALL BRIDGE - Span 1	Secondary Deck (03/Sec.Deck Element/s Other)	24 - No Transverse Beams - Slab / Insitu Reinforced Concrete
GUTTERIDGE HALL BRIDGE - Span 2	Primary Deck (01/Primary Deck Element)	04 - Beam/Girder (at/below deck surface) / Precast Prestressed Concrete (Pre-Tensioned)

Inspection Type: General
Structure Name: GUTTERIDGE HALL BRIDGE

Inspection Date: 17/09/2024
Identifier: 1515

GUTTERIDGE HALL BRIDGE - Span 2	Secondary Deck (03/Sec.Deck Element/s Other)	24 - No Transverse Beams - Slab / Insitu Reinforced Concrete
GUTTERIDGE HALL BRIDGE - Span 3	Primary Deck (01/Primary Deck Element)	04 - Beam/Girder (at/below deck surface) / Precast Prestressed Concrete (Pre-Tensioned)
GUTTERIDGE HALL BRIDGE - Span 3	Secondary Deck (03/Sec.Deck Element/s Other)	24 - No Transverse Beams - Slab / Insitu Reinforced Concrete

Report Status: Approved
Submission Count: 1

Submitted Date: 18/09/2024
Print Date: 14/04/2026

General View Photographs



General Photograph 1
General view looking south along the top of bridge.



20240917_103928.jpg



General Photograph 2
General view of the deck soffit of span 2.

Element Conditions

GUTTERIDGE HALL BRIDGE - Span 3

Deck Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
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1 01/Primary Deck Element

1 A 0

Comment

No defects observed.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
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3 03/Sec.Deck Element/s Other

1 A 0

Comment

No defects seen to the concrete of deck slab over the length of span.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
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6 06/Parapet beam or cantilever

1 A 0

Comment

No defects seen to the parapet beams on either side of span.

Remedial Works

[none]

Load-bearing Substructure

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
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8 08/Foundations

1 A 0

Comment

The foundations are not visible for inspection but no defects were seen to the superstructure elements to indicate movement or deterioration of the foundations to the bridge.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
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9 09/Abutments(inc.arch spring)

1 A 0

Comment

No structural defects seen to the north abutment.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
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13 13/Bearings

1 A 0

Comment

No defects seen to the bearings above the north abutment.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
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14 14/Bearing plinth/shelf

1 A 0

Comment

No defects seen to the concrete bearing plinths or the bearing shelf above the north abutment.

Remedial Works

[none]

Durability Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
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15 15/Superstructure drainage

1 A 0

Comment

No defects seen to the carriageway drainage gullies over length of span.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
16	16/Substructure drainage	1	A		<input type="checkbox"/>		
Comment							
[none]							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
17	17/Water proofing	1	A	0	<input type="checkbox"/>		
Comment							
No areas of leachate staining or water penetration identified over span 3.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
18	18/Movement/expansion joints	1	A	0	<input type="checkbox"/>		
Comment							
No defects identified to joint over the north abutment.							
Remedial Works							
[none]							

Safety Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
23	23/Handrail/parapet/saf.fences	1	A	0	<input type="checkbox"/>		
Comment							
No defects identified to the parapets over the length of span.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
24	24/Carriageway surfacing	3	C	9.1	<input type="checkbox"/>	M	
Comment							
Moderate wear and fretting to the carriageway surfacing over much of the span. This is not considered to warrant remedial works at present.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
25	25/Fway/verge/fbrdge surfacing	3	C	5.1	<input checked="" type="checkbox"/>	M	1
Comment							
Vegetation growing into cracks and kerb line to both footways at numerous locations over span.							
Remedial Works							
Remove all vegetation from the footways and seal cracks as necessary.							

Other Bridge Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
30	30/Revetment/batter paving	3	B	3.6	<input checked="" type="checkbox"/>	M	0.5
Comment							
3 revetment slabs missing at the top of the south revetment.							
Remedial Works							
Repair the revetment as necessary.							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
30	30/Revetment/batter paving	2	B	5.1	<input type="checkbox"/>		
Comment							
There is some algae growth and minor areas of vegetation growth to the revetment beneath span. This is not considered significant and does not warrant removal at present.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
31	31/Wing walls	1	A	0	<input type="checkbox"/>		
Comment No significant defects seen to the wing walls at either end of abutment.							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
33	33/Embankments	2	C	11.1	<input type="checkbox"/>	L	
Comment There are numerous animal burrows to the south embankment. This is a minor defect that does not warrant remedial works.							
Remedial Works [none]							

Ancillary Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
35	35/Approch rails/barriers/walls	1	A	0	<input type="checkbox"/>		
Comment No significant defects seen to the OBB safety barrier on the northern approach to span at carriageway level.							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
38	38/Services				<input type="checkbox"/>		
Comment Not applicable							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
39	Graffiti	2	B	19.1	<input type="checkbox"/>		
Comment There are a couple of small areas of non-offensive graffiti to the elevation of beams, out of view of the general public. This is not considered to warrant removal. There is significant non-offensive graffiti over the elevation of the northern abutment, which is within view of the railway beneath span 2.							
Remedial Works [none]							

GUTTERIDGE HALL BRIDGE - Span 1

Deck Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
1	01/Primary Deck Element	3	B	2.1	<input checked="" type="checkbox"/>	M	2

Comment
 Moderate spall with exposed corroded rebar to the corner of the west beam adjacent to the bearing, southern end.

Remedial Works
 Repair the beam as necessary.

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
3	03/Sec.Deck Element/s Other	1	A	0	<input type="checkbox"/>		

Comment
 No defects seen to the concrete deck slab over span 1.

Remedial Works
 [none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
6	06/Parapet beam or cantilever	1	A	0	<input type="checkbox"/>		

Comment
 No defects seen to the parapet beams over the length of span.

Remedial Works
 [none]

Load-bearing Substructure

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
8	08/Foundations	1	A	0	<input type="checkbox"/>		

Comment
 The foundations are not visible for inspection but no defects were seen to the superstructure elements to indicate movement or deterioration of the foundations to the bridge.

Remedial Works
 [none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
9	09/Abutments(inc.arch spring)	2	B	2.2	<input checked="" type="checkbox"/>	M	0.5

Comment
 Vertical repaired crack at mid point to the south abutment, shows signs of seepage.

Remedial Works
 Reseal the crack to prevent seepage.

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
9	09/Abutments(inc.arch spring)	3	B	2.2	<input checked="" type="checkbox"/>	M	0.5

Comment
 Short diagonal crack to the top of the abutment, adjacent to the bearing shelf, east end.

Remedial Works
 Seal crack as necessary.

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
11	11/Pier/column	1	A	0	<input type="checkbox"/>		

Comment
 No structural defects seen to the reinforced concrete of pier 1.

Remedial Works
 [none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
13	13/Bearings	2	B	12.2	<input type="checkbox"/>	L	

Comment
 Minor deformation in a northward direction of the first bearing from the west end. This is not considered to warrant remedial works or further investigations at present.

Remedial Works
 [none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
14	14/Bearing plinth/shelf	1	A	0	<input type="checkbox"/>		
Comment							
No defects seen to the concrete bearing plinths or the bearing shelf above the south abutment.							
Remedial Works							
[none]							

Durability Elements							
No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
15	15/Superstructure drainage	1	A	0	<input type="checkbox"/>		
Comment							
No defects seen to the drainage gullies along span 1.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
16	16/Substructure drainage	1	A	0	<input type="checkbox"/>		
Comment							
The drainage gully to south abutment bearing shelf was clear with no defects.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
17	17/Water proofing	2	B	14.1	<input type="checkbox"/>	L	
Comment							
Seepage showing down the south abutment at the east and west ends, possible due to cracks to the joints in the footway. This is not considered to warrant remedial works or further investigations at present.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
18	18/Movement/expansion joints	2	C	10.12	<input checked="" type="checkbox"/>	M	1
Comment							
Joints in the footways over the south abutment have debonded with the west side covered with vegetation.							
Remedial Works							
Clear vegetation from the footway joints and replace the debonded/missing joint sealant.							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
18	18/Movement/expansion joints	3	B	10.10	<input type="checkbox"/>	M	
Comment							
APJ at the southern end shows signs of break up on the west side, with signs of minor debonding. This is not considered to warrant remedial works at present.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
18	18/Movement/expansion joints	2	C	10.1	<input checked="" type="checkbox"/>	M	0.5
Comment							
APJ to the north shows signs of debonding.							
Remedial Works							
Reseal the APJ.							

Safety Elements							
No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
23	23/Handrail/parapet/saf.fences	3	C	2.2	<input checked="" type="checkbox"/>	L	0.5
Comment							
Horizontal crack open 1mm to the east pilasters just above the buttress.							
Remedial Works							
Seal the crack as necessary.							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
23	23/Handrail/parapet/saf.fences	2	C	2.2	<input type="checkbox"/>	L	
Comment							
There is crazing to the concrete of the eastern parapet, over its traffic face. This is a minor defect that does not warrant remedial works.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
24	24/Carriageway surfacing	3	C	9.1	<input type="checkbox"/>	M	
Comment							
Moderate wear to both carriageways over the length of span. This is not considered a significant defect and does not warrant remedial works.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
24	24/Carriageway surfacing	3	B	9.4	<input checked="" type="checkbox"/>	M	1
Comment							
Cracking to surfacing over buried joint on eastern side of carriageway.							
Remedial Works							
Patch repair the area of cracked surfacing over buried joint.							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
25	25/Fway/verge/fbrdge surfacing	3	C	5.1	<input checked="" type="checkbox"/>	M	1
Comment							
Vegetation growing into cracks and kerb line to both footways at numerous locations over span.							
Remedial Works							
Remove all vegetation from the footways and seal cracks as necessary.							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
25	25/Fway/verge/fbrdge surfacing	2	D	9.2	<input type="checkbox"/>	L	
Comment							
Transverse crack to eastern footway and general crazing over length of footway. This is a minor defect that does not warrant remedial works.							
Transverse crack to eastern footway adjacent to deck joint with significant vegetation growth to joint and crack.							
Remedial Works							
[none]							

Other Bridge Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
30	30/Revetment/batter paving	3	C	6.4	<input checked="" type="checkbox"/>	L	0.8
Comment							
Rotation of the east and west revetment buttresses have caused a gap of 20mm showing at the top.							
Remedial Works							
Seal cracks to the revetment Buttresses.							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
31	31/Wing walls	1	A	0	<input type="checkbox"/>		
Comment							
No defects identified to the wing walls.							
Remedial Works							
[none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
33	33/Embankments	3	B	11.1	<input type="checkbox"/>	L	
Comment							
Animal burrows to the S/E and S/W embankments. These are not considered to warrant remedial works at present.							
Remedial Works							
[none]							

Ancillary Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
35	35/Approch rails/barriers/walls	1	A	0	<input type="checkbox"/>		
Comment No defects seen to the OBB safety barriers on approach to intermediate pier and at carriageway level on the approach to span.							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
38	38/Services				<input type="checkbox"/>		
Comment Not applicable.							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
39	Graffiti	2	B	19.1	<input type="checkbox"/>		
Comment There is non-offensive graffiti covering the south abutment. This is within view of the train line running beneath the structure. There is further graffiti to the lower section of pier 1, on all faces of pier, within view of the train line running beneath the structure. There are some areas of non-offensive spray paint graffiti to the main concrete beams of span 1, out of sight from the general public. This is not considered to warrant remedial works. There is an area of non-offensive graffiti to the revetment beneath span, in view of the railway beneath span 2.							
Remedial Works [none]							

GUTTERIDGE HALL BRIDGE - Span 2

Deck Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
1	01/Primary Deck Element	1	A	0	<input type="checkbox"/>		

Comment

Rail span, inspected from the embankments. No significant defects identified to main beams of bridge deck.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
3	03/Sec.Deck Element/s Other	1	A	0	<input type="checkbox"/>		

Comment

Rail span, inspected from the embankments. No significant defects identified to soffit of bridge deck.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
6	06/Parapet beam or cantilever	1	A	0	<input type="checkbox"/>		

Comment

Rail span, inspected from the embankments. No significant defects identified to parapet beams on either side of bridge deck.

Remedial Works

[none]

Load-bearing Substructure

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
8	08/Foundations	1	A	0	<input type="checkbox"/>		

Comment

The foundations are not visible for inspection but no defects were seen to the superstructure elements to indicate movement or deterioration of the foundations to the bridge.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
11	11/Pier/column	1	A	0	<input type="checkbox"/>		

Comment

No structural defects seen to pier 1.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
13	13/Bearings				<input type="checkbox"/>		

Comment

The bearings were not visible for inspection from ground level

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
14	14/Bearing plinth/shelf				<input type="checkbox"/>		

Comment

The bearings were not visible for inspection from ground level

Remedial Works

[none]

Durability Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
15	15/Superstructure drainage	1	A	0	<input type="checkbox"/>		

Comment

No defects seen to the carriageway drainage gullies over length of span.

Remedial Works

[none]

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
16	16/Substructure drainage				<input type="checkbox"/>		
Comment Not inspected							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
17	17/Water proofing	1	A	0	<input type="checkbox"/>		
Comment No areas of leachate staining or water penetration identified over span 2 of bridge when viewed from embankments.							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
18	18/Movement/expansion joints	3	C	10.1	<input checked="" type="checkbox"/>	M	0.5
Comment Debonding to the buried joint over piers 1&2							
Remedial Works Seal joints as necessary.							

Safety Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
23	23/Handrail/parapet/saf.fences	1	A	0	<input type="checkbox"/>		
Comment No structural defects identified to the parapets on either side of bridge deck.							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
24	24/Carriageway surfacing	3	C	9.1	<input type="checkbox"/>	M	
Comment Moderate wear to both carriageways over the length of the bridge deck. This is not considered to warrant remedial works at present.							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
25	25/Fway/verge/fbrdge surfacing	3	C	5.1	<input checked="" type="checkbox"/>	M	1
Comment Vegetation growing into cracks and kerb line to both footways at numerous locations over span.							
Remedial Works Remove all vegetation from the footways and seal cracks as necessary.							

Ancillary Elements

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
36	36/Signs	1	A	0	<input type="checkbox"/>		
Comment No defects seen to road signs over span.							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
38	38/Services				<input type="checkbox"/>		
Comment Not applicable							
Remedial Works [none]							

No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
39	Graffiti				<input type="checkbox"/>		
Comment							
None identified.							
Remedial Works							
[none]							

Archive							
Durability Elements							
No	Element Name	Sev	Ext	Defect	Works	Priority	Cost £k
20	Finishes: substructure elements (Archived on 01/04/2024)	5	D	19.1	<input checked="" type="checkbox"/>	M	0.3
Comment							
There is graffiti to the lower section of pier 2, on all faces of pier, within view of the train line running beneath the structure. There is also some offensive graffiti to the north elevation of this pier, out of sight of the general public.							
Remedial Works							
Remove the graffiti from around the bottom of pier 2.							

Inspector's Comments:

Please tick here if you believe that span length, span width and/or form of construction needs reviewing by the bridge manager. Please include appropriate comments in inspection comment section below

Inspection of a three span railway structure and is generally in a good condition. The structure suffers from spalling to the deck elements, movement of the bearing of span1, rotation of the revetment buttresses, wear to both carriageways, failure of the carriageway, and footway joints. Vegetation growing into the footways should be removed and cracks sealed.

Inspector's Name: R12(3) /

Checker's Comments:

High level check of scoring. Scores have been checked against available photos and against historic inspection scoring.

Line by line check of report, photos and defects.

Checker's Name: R12(3) / R13

Engineer's Comments:

The structure was in good condition generally with few defects and none that I would currently consider particularly significant. The poor BCI Critical score stems from a severity 3 defect score attributed to the primary deck in span 1 - this was first reported at GI in 2020 and seems little different at the time of this inspection - I suspect it is far older. This should be repaired with caution - a surface coating may offer the best solution given its location so close to the bearing.

One of the bearings above the Southern bank seat is leaning in the direction of the span, odd that this is the case or just one of them - this should be verified at the next inspection.

Elsewhere expansion joint defects, settlement of revetment elements, vegetation growth and burrows in the embankments are all long standing defects - the structure would benefit from maintenance work/refurbishment to address the issues.

Engineer's Name: R12(3) /

Works Required:

GUTTERIDGE HALL BRIDGE - Span 1							
Deck Elements							
No	Element Name	Remedial Works			Priority	Cost £k	
1	01/Primary Deck Element	Repair the beam as necessary.			M	2.00	
Durability Elements							
No	Element Name	Remedial Works			Priority	Cost £k	
18	18/Movement/expansion joints	Clear vegetation from the footway joints and replace the debonded/missing joint sealant.			M	1.00	
18	18/Movement/expansion joints	Reseal the APJ.			M	0.50	
Load-bearing Substructure							
No	Element Name	Remedial Works			Priority	Cost £k	
9	09/Abutments(inc.arch spring)	Reseal the crack to prevent seepage.			M	0.50	
9	09/Abutments(inc.arch spring)	Seal crack as necessary.			M	0.50	

Other Bridge Elements

No	Element Name	Remedial Works	Priority	Cost £k
30	30/Revetment/batter paving	Seal cracks to the revetment Buttresses.	L	0.80

Safety Elements

No	Element Name	Remedial Works	Priority	Cost £k
23	23/Handrail/parapet/saf.fences	Seal the crack as necessary.	L	0.50
24	24/Carriageway surfacing	Patch repair the area of cracked surfacing over buried joint.	M	1.00
25	25/Fway/verge/fbrdge surfacing	Remove all vegetation from the footways and seal cracks as necessary.	M	1.00

GUTTERIDGE HALL BRIDGE - Span 2

Durability Elements

No	Element Name	Remedial Works	Priority	Cost £k
18	18/Movement/expansion joints	Seal joints as necessary.	M	0.50
20	Finishes: substructure elements	Remove the graffiti from around the bottom of pier 2.	M	0.30

Safety Elements

No	Element Name	Remedial Works	Priority	Cost £k
25	25/Fway/verge/fbrdge surfacing	Remove all vegetation from the footways and seal cracks as necessary.	M	1.00

GUTTERIDGE HALL BRIDGE - Span 3

Other Bridge Elements

No	Element Name	Remedial Works	Priority	Cost £k
30	30/Revetment/batter paving	Repair the revetment as necessary.	M	0.50

Safety Elements

No	Element Name	Remedial Works	Priority	Cost £k
25	25/Fway/verge/fbrdge surfacing	Remove all vegetation from the footways and seal cracks as necessary.	M	1.00

£11.10 k

Defect View Photographs

GUTTERIDGE HALL BRIDGE - Span 3

Safety Elements



20240917_104238_1.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
24	Carriageway surfacing	24/Carriageway surfacing	3	C	9.1	M	N	

Comment **Remedial Works**

Moderate wear and fretting to the carriageway surfacing over much of the span. This is not considered to warrant remedial works at present.

[none]



20240917_104321_3.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
24	Carriageway surfacing	24/Carriageway surfacing	3	C	9.1	M	N	

Comment **Remedial Works**

Moderate wear and fretting to the carriageway surfacing over much of the span. This is not considered to warrant remedial works at present.

[none]

GUTTERIDGE HALL BRIDGE - Span 3

Safety Elements



20240917_104139(0)_2.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
24	Carriageway surfacing	24/Carriageway surfacing	3	C	9.1	M	N	

Comment	Remedial Works
Moderate wear and fretting to the carriageway surfacing over much of the span. This is not considered to warrant remedial works at present.	[none]



20240917_104236.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
25	Footway/verge/footbridge surfacing	25/Fway/verge/fbrdge surfacing	3	C	5.1	M	Y	1

Comment	Remedial Works
Vegetation growing into cracks and kerb line to both footways at numerous locations over span.	Remove all vegetation from the footways and seal cracks as necessary.

GUTTERIDGE HALL BRIDGE - Span 3

Other Bridge Elements



20240917_105902.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
30	Revetment/batter paving	30/Revetment/batter paving	3	B	3.6	M	Y	0.5

Comment

3 revetment slabs missing at the top of the south revetment.

Remedial Works

Repair the revetment as necessary.



20240917_105851.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
30	Revetment/batter paving	30/Revetment/batter paving	3	B	3.6	M	Y	0.5

Comment

3 revetment slabs missing at the top of the south revetment.

Remedial Works

Repair the revetment as necessary.

GUTTERIDGE HALL BRIDGE - Span 3

Other Bridge Elements



20240917_105943.jpg
 30 - 30/Revetment/batter paving

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
30	Revetment/batter paving	30/Revetment/batter paving	2	B	5.1		N	

Comment	Remedial Works
There is some algae growth and minor areas of vegetation growth to the revetment beneath span. This is not considered significant and does not warrant removal at present.	[none]



20240917_110347_1.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
33	Embankments	33/Embankments	2	C	11.1	L	N	

Comment	Remedial Works
There are numerous animal burrows to the south embankment. This is a minor defect that does not warrant remedial works.	[none]

GUTTERIDGE HALL BRIDGE - Span 3

Other Bridge Elements



20240917_110329_1.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
33	Embankments	33/Embankments	2	C	11.1	L	N	

Comment	Remedial Works
There are numerous animal burrows to the south embankment. This is a minor defect that does not warrant remedial works.	[none]



North abutment
 Non-offensive graffiti within view of the railway beneath span 2.

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
39	Other ancillary elements on structure	Graffiti	2	B	19.1		N	

Comment	Remedial Works
There are a couple of small areas of non-offensive graffiti to the elevation of beams, out of view of the general public. This is not considered to warrant removal. There is significant non-offensive graffiti over the elevation of the northern abutment, which is within view of the railway beneath span 2.	[none]

GUTTERIDGE HALL BRIDGE - Span 1

Deck Elements



20240917_104559.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
1	Primary deck element (Table 2)	01/Primary Deck Element	3	B	2.1	M	Y	2

Comment

Moderate spall with exposed corroded rebar to the corner of the west beam adjacent to the bearing, southern end.

Remedial Works

Repair the beam as necessary.



20240917_104724.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
9	Abutments (inc arch springing)	09/Abutments(inc.arch spring)	2	B	2.2	M	Y	0.5

Comment

Vertical repaired crack at mid point to the south abutment, shows signs of seepage.

Remedial Works

Reseal the crack to prevent seepage.

GUTTERIDGE HALL BRIDGE - Span 1

Load-bearing Substructure



20240917_104743.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
9	Abutments (inc arch springing)	09/Abutments(inc.arch spring)	3	B	2.2	M	Y	0.5

Comment	Remedial Works
Short diagonal crack to the top of the abutment, adjacent to the bearing shelf, east end.	Seal crack as necessary.



20240917_104559_1.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
13	Bearings	13/Bearings	2	B	12.2	L	N	

Comment	Remedial Works
Minor deformation in a northward direction of the first bearing from the west end. This is not considered to warrant remedial works or further investigations at present.	[none]

GUTTERIDGE HALL BRIDGE - Span 1

Durability Elements



20240917_104606.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
17	Waterproofing	17/Water proofing	2	B	14.1	L	N	

Comment	Remedial Works
Seepage showing down the south abutment at the east and west ends, possible due to cracks to the joints in the footway. This is not considered to warrant remedial works or further investigations at present.	[none]



20240917_104019.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
18	Movement/expansion joints	18/Movement/expansion joints	2	C	10.12	M	Y	1

Comment	Remedial Works
Joints in the footways over the south abutment have debonded with the west side covered with vegetation.	Clear vegetation from the footway joints and replace the debonded/missing joint sealant.

GUTTERIDGE HALL BRIDGE - Span 1

Durability Elements



20240917_104325.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
18	Movement/expansion joints	18/Movement/expansion joints	2	C	10.12	M	Y	1

Comment

Joints in the footways over the south abutment have debonded with the west side covered with vegetation.

Remedial Works

Clear vegetation from the footway joints and replace the debonded/missing joint sealant.



20240917_104359.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
18	Movement/expansion joints	18/Movement/expansion joints	3	B	10.10	M	N	

Comment

APJ at the southern end shows signs of break up on the west side, with signs of minor debonding. This is not considered to warrant remedial works at present.

Remedial Works

[none]

GUTTERIDGE HALL BRIDGE - Span 1

Durability Elements



20240917_104029.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
18	Movement/expansion joints	18/Movement/expansion joints	3	B	10.10	M	N	

Comment	Remedial Works
APJ at the southern end shows signs of break up on the west side, with signs of minor debonding. This is not considered to warrant remedial works at present.	[none]



20240917_104158_1.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
18	Movement/expansion joints	18/Movement/expansion joints	2	C	10.1	M	Y	0.5

Comment	Remedial Works
APJ to the north shows signs of debonding.	Reseal the APJ.

GUTTERIDGE HALL BRIDGE - Span 1

Safety Elements



20240917_104759.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
23	Handrail/parapets/safety fences	23/Handrail/parapet/saf.fences	3	C	2.2	L	Y	0.5

Comment

Horizontal crack open 1mm to the east pilasters just above the buttress.

Remedial Works

Seal the crack as necessary.



20240917_104321_1.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
24	Carriageway surfacing	24/Carriageway surfacing	3	C	9.1	M	N	

Comment

Moderate wear to both carriageways over the length of span. This is not considered a significant defect and does not warrant remedial works.

Remedial Works

[none]

GUTTERIDGE HALL BRIDGE - Span 1

Safety Elements



20240917_104139(0).jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
24	Carriageway surfacing	24/Carriageway surfacing	3	C	9.1	M	N	

Comment	Remedial Works
Moderate wear to both carriageways over the length of span. This is not considered a significant defect and does not warrant remedial works.	[none]



Eastern side of carriageway
 Cracking to surfacing over buried joint

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
24	Carriageway surfacing	24/Carriageway surfacing	3	B	9.4	M	Y	1

Comment	Remedial Works
Cracking to surfacing over buried joint on eastern side of carriageway.	Patch repair the area of cracked surfacing over buried joint.

GUTTERIDGE HALL BRIDGE - Span 1

Safety Elements



20240917_104040.jpg
 Vegetation growth to western kerb line

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
25	Footway/verge/footbridge surfacing	25/Fway/verge/fbrdge surfacing	3	C	5.1	M	Y	1

Comment	Remedial Works
Vegetation growing into cracks and kerb line to both footways at numerous locations over span.	Remove all vegetation from the footways and seal cracks as necessary.



20240917_103952.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
25	Footway/verge/footbridge surfacing	25/Fway/verge/fbrdge surfacing	3	C	5.1	M	Y	1

Comment	Remedial Works
Vegetation growing into cracks and kerb line to both footways at numerous locations over span.	Remove all vegetation from the footways and seal cracks as necessary.

GUTTERIDGE HALL BRIDGE - Span 1

Safety Elements



Easter footway
 Transverse crack and general crazing to footway.

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
25	Footway/verge/footbridge surfacing	25/Fway/verge/fbrdge surfacing	2	D	9.2	L	N	

Comment

Transverse crack to eastern footway and general crazing over length of footway. This is a minor defect that does not warrant remedial works.

Remedial Works

[none]

Transverse crack to eastern footway adjacent to deck joint with significant vegetation growth to joint and crack.

GUTTERIDGE HALL BRIDGE - Span 1

Safety Elements



Eastern footway
 Transverse crack adjacent to deck joint with significant vegetation growth.

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
25	Footway/verge/footbridge surfacing	25/Fway/verge/fbrdge surfacing	2	D	9.2	L	N	

Comment	Remedial Works
Transverse crack to eastern footway and general crazing over length of footway. This is a minor defect that does not warrant remedial works.	[none]

Transverse crack to eastern footway adjacent to deck joint with significant vegetation growth to joint and crack.



20240917_104759_1.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
30	Revetment/batter paving	30/Revetment/batter paving	3	C	6.4	L	Y	0.8

Comment	Remedial Works
Rotation of the east and west revetment buttresses have caused a gap of 20mm showing at the top.	Seal cracks to the revetment Buttresses.

GUTTERIDGE HALL BRIDGE - Span 1

Other Bridge Elements



20240917_105258.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
30	Revetment/batter paving	30/Revetment/batter paving	3	C	6.4	L	Y	0.8

Comment	Remedial Works
Rotation of the east and west revetment buttresses have caused a gap of 20mm showing at the top.	Seal cracks to the revetment Buttresses.



20240917_104506.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
33	Embankments	33/Embankments	3	B	11.1	L	N	

Comment	Remedial Works
Animal burrows to the S/E and S/W embankments. These are not considered to warrant remedial works at present.	[none]

GUTTERIDGE HALL BRIDGE - Span 1

Other Bridge Elements



20240917_110329.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
33	Embankments	33/Embankments	3	B	11.1	L	N	

Comment	Remedial Works
Animal burrows to the S/E and S/W embankments. These are not considered to warrant remedial works at present.	[none]



20240917_110347.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
33	Embankments	33/Embankments	3	B	11.1	L	N	

Comment	Remedial Works
Animal burrows to the S/E and S/W embankments. These are not considered to warrant remedial works at present.	[none]

GUTTERIDGE HALL BRIDGE - Span 1

Ancillary Elements



20240917_104617.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
39	Other ancillary elements on structure	Graffiti	2	B	19.1		N	

Comment	Remedial Works
<p>There is non-offensive graffiti covering the south abutment. This is within view of the train line running beneath the structure.</p> <p>There is further graffiti to the lower section of pier 1, on all faces of pier, within view of the train line running beneath the structure.</p> <p>There are some areas of non-offensive spray paint graffiti to the main concrete beams of span 1, out of sight from the general public. This is not considered to warrant remedial works.</p> <p>There is an area of non-offensive graffiti to the revetment beneath span, in view of the railway beneath span 2.</p>	[none]

GUTTERIDGE HALL BRIDGE - Span 1

Ancillary Elements



20240917_104623.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
39	Other ancillary elements on structure	Graffiti	2	B	19.1		N	

Comment	Remedial Works
<p>There is non-offensive graffiti covering the south abutment. This is within view of the train line running beneath the structure.</p> <p>There is further graffiti to the lower section of pier 1, on all faces of pier, within view of the train line running beneath the structure.</p> <p>There are some areas of non-offensive spray paint graffiti to the main concrete beams of span 1, out of sight from the general public. This is not considered to warrant remedial works.</p> <p>There is an area of non-offensive graffiti to the revetment beneath span, in view of the railway beneath span 2.</p>	[none]

GUTTERIDGE HALL BRIDGE - Span 1

Ancillary Elements



Main beam of span 1
 Area of non-offensive spray paint graffiti to main beam.

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
39	Other ancillary elements on structure	Graffiti	2	B	19.1		N	

Comment	Remedial Works
<p>There is non-offensive graffiti covering the south abutment. This is within view of the train line running beneath the structure.</p> <p>There is further graffiti to the lower section of pier 1, on all faces of pier, within view of the train line running beneath the structure.</p> <p>There are some areas of non-offensive spray paint graffiti to the main concrete beams of span 1, out of sight from the general public. This is not considered to warrant remedial works.</p> <p>There is an area of non-offensive graffiti to the revetment beneath span, in view of the railway beneath span 2.</p>	[none]

GUTTERIDGE HALL BRIDGE - Span 1

Ancillary Elements



Revetment beneath span 1
 Non-offensive graffiti to the revetment

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
39	Other ancillary elements on structure	Graffiti	2	B	19.1		N	

Comment	Remedial Works
<p>There is non-offensive graffiti covering the south abutment. This is within view of the train line running beneath the structure.</p> <p>There is further graffiti to the lower section of pier 1, on all faces of pier, within view of the train line running beneath the structure.</p> <p>There are some areas of non-offensive spray paint graffiti to the main concrete beams of span 1, out of sight from the general public. This is not considered to warrant remedial works.</p> <p>There is an area of non-offensive graffiti to the revetment beneath span, in view of the railway beneath span 2.</p>	[none]

GUTTERIDGE HALL BRIDGE - Span 2

Durability Elements



20240917_104133.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
18	Movement/expansion joints	18/Movement/expansion joints	3	C	10.1	M	Y	0.5

Comment

Debonding to the buried joint over piers 1&2

Remedial Works

Seal joints as necessary.



20240917_104100.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
18	Movement/expansion joints	18/Movement/expansion joints	3	C	10.1	M	Y	0.5

Comment

Debonding to the buried joint over piers 1&2

Remedial Works

Seal joints as necessary.

GUTTERIDGE HALL BRIDGE - Span 2

Durability Elements



Substructure finish to pier 2
 Non-offensive graffiti within view of train line beneath span

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
20	Finishes: substructure elements	Finishes: substructure elements	5	D	19.1	M	Y	0.3

Comment

There is graffiti to the lower section of pier 2, on all faces of pier, within view of the train line running beneath the structure. There is also some offensive graffiti to the north elevation of this pier, out of sight of the general public.

Remedial Works

Remove the graffiti from around the bottom of pier 2.



Substructure finish to pier 2
 Area of offensive graffiti out of view of general public.

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
20	Finishes: substructure elements	Finishes: substructure elements	5	D	19.1	M	Y	0.3

Comment

There is graffiti to the lower section of pier 2, on all faces of pier, within view of the train line running beneath the structure. There is also some offensive graffiti to the north elevation of this pier, out of sight of the general public.

Remedial Works

Remove the graffiti from around the bottom of pier 2.

GUTTERIDGE HALL BRIDGE - Span 2

Safety Elements



20240917_104139(0)_1.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
24	Carriageway surfacing	24/Carriageway surfacing	3	C	9.1	M	N	

Comment	Remedial Works
Moderate wear to both carriageways over the length of the bridge deck. This is not considered to warrant remedial works at present.	[none]



20240917_104321_2.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
24	Carriageway surfacing	24/Carriageway surfacing	3	C	9.1	M	N	

Comment	Remedial Works
Moderate wear to both carriageways over the length of the bridge deck. This is not considered to warrant remedial works at present.	[none]

GUTTERIDGE HALL BRIDGE - Span 2

Safety Elements



20240917_104255.jpg

No	Element Name	Element Description	Sev	Ext	Defect	Priority	Works	Cost £k
25	Footway/verge/footbridge surfacing	25/Fway/verge/fbrdge surfacing	3	C	5.1	M	Y	1

Comment

Vegetation growing into cracks and kerb line to both footways at numerous locations over span.

Remedial Works

Remove all vegetation from the footways and seal cracks as necessary.

Photo Location Plans

No photo location plans added. Plans must be added to the inspection's folder with Document type: Defect Location Plan.
Supported file types: .jpeg .png .bmp

Defect Location Plans

No Defect Location Plans added. Plans must be added to the inspection's folder with Document type: Defect Location Plan.
Supported file types: .jpeg .png .bmp

Inspection Type: General
Structure Name: GUTTERIDGE HALL BRIDGE

Inspection Date: 17/09/2024
Identifier: 1515

General Arrangement Drawings

No General Arrangement Drawings added. Drawings must be added to the inspection's folder with Document type: General Arrangement Drawings.
Supported file types: .jpeg .png .bmp

Report Status: Approved
Submission Count: 1

Submitted Date: 18/09/2024
Print Date: 14/04/2026

Hazard Assessment Sheet

Assessment date: 17/09/2024

Assessed by: R12(3) / [REDACTED]

Comments:

Access Information:

Parked Van on South East Verge - Fast Traffic!

Hazards/Risks Applicable to this Structure

Parking of vehicle

Hazard Ref	Hazard Description	Hazard Exists?	Comments:
1	Causing obstruction to carriageway or pedestrians	<input type="checkbox"/>	
2	Parking on private property	<input type="checkbox"/>	
3	Getting stuck	<input type="checkbox"/>	
4	Obstructing access to properties or land	<input type="checkbox"/>	
5	No problems	<input checked="" type="checkbox"/>	

Inspection of elements above structure

Hazard Ref	Hazard Description	Hazard Exists?	Comments:
6	Fast moving traffic	<input checked="" type="checkbox"/>	
7	Poor visibility	<input type="checkbox"/>	
8	Narrow road	<input type="checkbox"/>	
9	No refuges/verges	<input type="checkbox"/>	
10	No problems	<input type="checkbox"/>	

Access to sub-structure elements

Hazard Ref	Hazard Description	Hazard Exists?	Comments:
11	Steep/slippery embankments	<input checked="" type="checkbox"/>	
12	Dense vegetation	<input type="checkbox"/>	
13	Fencing	<input checked="" type="checkbox"/>	
14	Barbed wire	<input type="checkbox"/>	
15	Animals	<input type="checkbox"/>	
16	Security devices	<input type="checkbox"/>	
17	Private landowners	<input checked="" type="checkbox"/>	Span 2 Railway.
18	High wing walls/unprotected	<input type="checkbox"/>	
19	No problems	<input type="checkbox"/>	

Inspection of sub-structure elements

Hazard Ref	Hazard Description	Hazard Exists?	Comments:
20	Structure has limited headroom	<input type="checkbox"/>	
21	Structure is poorly lit	<input type="checkbox"/>	
22	The structure is submerged	<input type="checkbox"/>	
23	Both ends are not visible	<input type="checkbox"/>	
24	Watercourse is deep/fast or polluted	<input type="checkbox"/>	
25	Invert is uneven/unstable or soft	<input type="checkbox"/>	
26	Invert is not visible	<input type="checkbox"/>	
27	Structure requires working from height	<input checked="" type="checkbox"/>	For bearing inspection using MEWP. Safer alternative, using a drone.
28	Structure requires confined space access	<input type="checkbox"/>	
29	Structure needs to be inspected using a boat	<input type="checkbox"/>	
30	No problems	<input type="checkbox"/>	

Bearing Inspection

Hazard Ref	Hazard Description	Hazard Exists?	Comments:
31	Elevated platform will be needed	<input checked="" type="checkbox"/>	MEWP required.
32	No problems	<input type="checkbox"/>	

Services

Hazard Ref	Hazard Description	Hazard Exists?	Comments:
33	Overhead services	<input type="checkbox"/>	
34	Buried services i.e. apparatus/covers/chambers	<input type="checkbox"/>	

Environment Awareness Sheet

Survey date: 17/09/2024

Name of inspector: R12(3) / [REDACTED]

General details of structure

Location: Rural Urban
Structure Spans: Water Carriageway Railway

Asbestos Management

Asbestos exists?: Don't Know

Date of asbestos report:

Comments:

Last updated by: R12(3) / R13

Last updated: 29/01/2025

Inspection of structure surroundings

Water Quality: Good Medium Poor

Are there any green plants growing submerged in the water?

Are there any plants extending out of the water?

Is gravel visible on the invert of the riverbed of the structure?

Bird nests: **Bird droppings:**

In surrounding vegetation In surrounding vegetation

On the structure On the structure

Holes in the ground: **Bank side vegetation:**

Short grass

Large > 250mm Long grass

Medium 100 - 250mm Brambles & Scrub

Small < 100mm Trees

Animal tracks?

Additional comments:

Animal droppings? To upper embankments adjacent all 4 external wingwalls deep animal burrows.

Additional comments:

Degree of traffic disturbance: **Accessibility to humans:**

Light Open

Medium Moderate

Heavy Difficult

Inspection of structure

Structural features: Voids: Large cracks Ledges:

Bats visible Newts

Bat droppings Lizards/Snakes

Oily stains around cracks Bird Boxes

Scratch Marks

Other signs of animal occupation:

Additional Comments: