



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023			
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8	Primary Deck Form (G4)	11	
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157	Primary Deck Material (G6)	A	
Span 1 of 12	Span Width (m) 3.50	Span Length (m) 10.67	Deck Overall Length (m): 162.22	Secondary Deck Form (G5) 20	
All above ground elements inspected: Yes		Photographs? No		Secondary Deck Material (G6) P	
Number of construction forms in bridge span		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	Deck soffit is in good condition. Minor hairline cracks only.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.1	N No Action Monitor Only	Not Applicable	£1	Localised area of minor spalling exposing reinforcement on LHS parapet cope fascia.
Deck Elements	6 Parapet Beam Or Cantilever	2	C	5.2	Cyclic Maintenance - Vegetation	Not Applicable	£1	Areas of moss growth on both parapet copes in spans 1, 2 and 3. Moss should be removed at the next Cyclic Maintenance visit.
Deck Elements	6 Parapet Beam Or Cantilever	2	C	2.2	N No Action Monitor Only	Not Applicable	£1	Minor vertical cracking on both parapet copes.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundatons buried, unable to inspect.
Load Bearing Sub Structure	9 Abutments (Incl. Arch Springing)	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Areas of cracking some with leaching on ES1 abutment.
Load Bearing Sub Structure	9 Abutments (Incl. Arch Springing)	6	F	0.0	?	Not Applicable	£0	The end support is hidden behind a brickwork facing wall. Unable to inspect abutment.
Load Bearing Sub Structure	11 Pier/Column	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Localised area of cracking on ISP 2 concrete plinth.
Load Bearing Sub Structure	13 Bearings	2	B	12.6	N No Action Monitor Only	Not Applicable	£1	Min or horizontal cracking on face of ISP 2 elastomeric bearing pad.



Load Bearing Sub Structure	14 Bearing Plinth/Shelf	2	C	99.2	Cyclic Maint - Other	Not Applicable	£1	Build-up of debris on ESP 1 bearing shelf. This should be cleaned at the next Cyclic Maintenance visit.
Durability Elements	15 Superstructure Drainage	2	B	8.1	N No Action Monitor Only	Not Applicable	£1	2 No. gullies are clean.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£200,000	Waterproofing is 46 years old and therefore is out with its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.
Durability Elements	18 Movement/Expansion Joints	2	E	99.2	Cyclic Maint - Other	Not Applicable	£1	Debris build-up in rail joint ES1. Joints should be cleaned at the next Cyclic Maintenance visit.
Durability Elements	20 Surface Finishes: Substructure Elements	3	C	3.6	R Repair / Maintain	Not Applicable	£1	Brickwork facing in front of concrete abutment has areas which have collapsed and are requiring re-built
Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There are localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	Other - Surfacing	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.
Other Bridge Elements	30 Revetment/Batter Paving	2	B	3.1	Masonry - Repairs	Not Applicable	£500	Localised area of brickwork missing and dislodged on revetment.
Other Bridge Elements	31 Wing Walls	6	F	0.0	?	Not Applicable	£0	Wing walls are hidden behind brickwork facing wall. The brickwork is in good condition.
Other Bridge Elements	33 Embankments	1	A	5.1	N No Action Monitor Only	Not Applicable	£1	Cultivated grassed area



**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023	
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8	Primary Deck Form (G4) 11
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157	Primary Deck Material (G6) A
Span 2 of 12 Span Width (m) 3.50	Span Length (m) 10.69	Deck Overall Length (m): 162.22	Secondary Deck Form (G5) 20
All above ground elements inspected: Yes	Photographs? No		Secondary Deck Material (G6) P
Number of construction forms in bridge span	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> More		

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	3	D	2.4	N No Action Monitor Only	Not Applicable	£1	3 No. areas of delamination with minor cracking on deck soffit adjacent to deck drippers. loose concrete evident also with minor spalls.
Deck Elements	6 Parapet Beam Or Cantilever	2	C	5.2	Cyclic Maintenance - Vegetation	Not Applicable	£1	Areas of moss growth on both parapet copes in spans 1, 2 and 3.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor vertical cracking on both parapet cope fascias.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	9 Abutments (Incl. Arch Springing)	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Areas of cracking some with leaching on ES1 abutment.
Load Bearing Sub Structure	9 Abutments (Incl. Arch Springing)	6	F	0.0	?	Not Applicable	£0	The end support is hidden behind a brickwork facing wall. Unable to inspect abutment.
Load Bearing Sub Structure	11 Pier/Column	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor horizontal cracking at top of ISP 3. No signs of spalling.
Load Bearing Sub Structure	13 Bearings	1	A	12.6	N No Action Monitor Only	Not Applicable	£1	ISP 3 elastomeric pad is in good condition.
Load Bearing Sub Structure	14 Bearing Plinth/Shelf	1	A	99.1	N No Action Monitor Only	Not Applicable	£1	ISP 3 bearing shelf is in good condition.



Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is out with its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.
Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	Other - Surfacing	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023		
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8	Primary Deck Form (G4)	11
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157	Primary Deck Material (G6)	A
Span 3 of 12 Span Width (m) 3.50	Span Length (m) 10.69	Deck Overall Length (m): 162.22	Secondary Deck Form (G5)	20
All above ground elements inspected: Yes	Photographs? No		Secondary Deck Material (G6)	P
Number of construction forms in bridge span	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	Deck soffit in good condition.
Deck Elements	6 Parapet Beam Or Cantilever	2	C	5.2	Cyclic Maintenance - Vegetation	Not Applicable	£1	Areas of moss growth on both parapet copes in spans 1, 2 and 3.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor vertical cracking on both parapet cope fascias.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	11 Pier/Column	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor horizontal cracking at top of ISP 4. No signs of spalling.
Load Bearing Sub Structure	13 Bearings	1	A	12.6	N No Action Monitor Only	Not Applicable	£1	ISP 4 elastomeric pad is in good condition.
Load Bearing Sub Structure	14 Bearing Plinth/Shelf	1	A	99.1	N No Action Monitor Only	Not Applicable	£1	ISP 4 bearing shelf is in good condition.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is outwith its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.



Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023		
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8		Primary Deck Form (G4) 11
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157		Primary Deck Material (G6) A
Span 4 of 12 Span Width (m) 3.50	Span Length (m) 12.61	Deck Overall Length (m): 162.22		Secondary Deck Form (G5) 20
All above ground elements inspected: Yes	Photographs? No			Secondary Deck Material (G6) P
Number of construction forms in bridge span	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	2	C	2.1	N No Action Monitor Only	Not Applicable	£1	Localised spall to LHS on span 4 soffit adjacent to IS5.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor vertical cracking on both parapet cope fascia's.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect.
Load Bearing Sub Structure	11 Pier/Column	2	B	2.1	Concrete - Repairs	Not Applicable	£1	Minor areas of spalling on RHS of IS5.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is out with its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.
Durability Elements	18 Movement/Expansion Joints	3	E	99.3	Cyclic Maint - Expansion joints	Not Applicable	£1	Rail joint at IS5 is blocked with debris and should be cleared at next cyclic maintenance visit.
Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.





Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023		
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8	Primary Deck Form (G4)	12
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157	Primary Deck Material (G6)	C
Span 5 of 12 Span Width (m) 3.50	Span Length (m) 12.00	Deck Overall Length (m): 162.22	Secondary Deck Form (G5)	20
All above ground elements inspected: Yes	Photographs? No		Secondary Deck Material (G6)	P
Number of construction forms in bridge span <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> More				

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	2	C	2.2	N No Action Monitor Only	Not Applicable	£1	Minor crazing on span 5 soffit.
Deck Elements	4 Half Joints	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	Half joint at IS6 is in good condition. Hairline cracks only.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor vertical cracking on both parapet copes on all spans.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	11 Pier/Column	2	B	2.1	N No Action Monitor Only	Not Applicable	£1	Minor spall on RHS of IS6 exposing reinforcement.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is outwith is expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.
Durability Elements	18 Movement/Expansion Joints	3	E	99.3	Cyclic Maint - Expansion joints	Not Applicable	£1	Rail joint at IS6 is blocked with debris and should be cleared at next cyclic maintenance visit.



Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023		
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8	Primary Deck Form (G4)	12
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157	Primary Deck Material (G6)	C
Span 6 of 12 Span Width (m) 3.50	Span Length (m) 23.60	Deck Overall Length (m): 162.22	Secondary Deck Form (G5)	20
All above ground elements inspected: Yes	Photographs? No		Secondary Deck Material (G6)	P
Number of construction forms in bridge span	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	2	C	2.1	N No Action Monitor Only	Not Applicable	£1	Localised spalls exposing reinforcement adjacent to IS6 and IS7. Area of spalling at DL end of bridge deck and half joint.
Deck Elements	1 Primary Deck Element (Table G4)	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Multidirectional cracks to mortar repairs on previous gantry fixings.
Deck Elements	4 Half Joints	2	B	2.1	N No Action Monitor Only	Not Applicable	£1	Area of spalling to half joint on span 6 and end of primary deck.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£0	Minor vertical cracking on both parapet cope fascias.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	11 Pier/Column	2	B	2.1	N No Action Monitor Only	Not Applicable	£1	Minor spall on RHS of IS7 exposing reinforcement.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is out with its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.
Durability Elements	18 Movement/Expansion Joints	3	E	99.3	Cyclic Maint - Expansion joints	Not Applicable	£1	Rail joint at IS7 is blocked with debris and should be cleared at next cyclic maintenance visit.



Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023			
Bridge Name: BEECH AVENUE F/B		Bridge Ref No: M8 22-23 F62	Road Ref No: M8	Primary Deck Form (G4)	12
BICS Inspector Level: INSPECTOR		Map Ref: OSE 255,766	OSN 664,157	Primary Deck Material (G6)	C
Span 7 of 12	Span Width (m) 3.50	Span Length (m) 23.60	Deck Overall Length (m): 162.22	Secondary Deck Form (G5)	20
All above ground elements inspected: Yes		Photographs? Yes		Secondary Deck Material (G6)	P
Number of construction forms in bridge span		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	2	C	2.1	N No Action Monitor Only	Not Applicable	£1	Localised area of minor spalling exposing reinforcement and delamination adjacent to deck dripper near ISP 8.
Deck Elements	1 Primary Deck Element (Table G4)	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Localised areas of cracking on mortar repairs at old gantry fixings. Localised areas of multi-directional cracking evident on deck soffit.
Deck Elements	4 Half Joints	2	B	2.1	Concrete - Repairs	Not Applicable	£500	Photograph No. 1 - Minor localised spall on the IS8 half joint.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£0	Minor vertical cracking on both parapet cope fascias.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	11 Pier/Column	2	B	2.1	N No Action Monitor Only	Not Applicable	£1	Minor spall on RHS of IS7 exposing reinforcement.
Load Bearing Sub Structure	13 Bearings	1	A	12.6	N No Action Monitor Only	Not Applicable	£0	ISP 7 elastomeric pad is in good condition.
Load Bearing Sub Structure	14 Bearing Plinth/Shelf	1	A	99.1	N No Action Monitor Only	Not Applicable	£0	ISP 7 bearing shelf is in good condition.



Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is out with its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.
Durability Elements	18 Movement/Expansion Joints	2	D	10.1	N No Action Monitor Only	Not Applicable	£1	Sealants are loose and debonding.
Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023			
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8		Primary Deck Form (G4)	12
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157		Primary Deck Material (G6)	C
Span 8 of 12	Span Width (m) 3.50	Span Length (m) 13.66	Deck Overall Length (m): 162.22	Secondary Deck Form (G5)	20
All above ground elements inspected: Yes			Photographs? No	Secondary Deck Material (G6)	P
Number of construction forms in bridge span		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor longitudinal cracking on deck soffit.
Deck Elements	4 Half Joints	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	Span 8 half joint in good condition.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£2	Minor vertical cracking on both parapet cope fascia's.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	11 Pier/Column	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	IS9 is in good condition.
Load Bearing Sub Structure	13 Bearings	1	A	12.6	N No Action Monitor Only	Not Applicable	£1	ISP 9 elastomeric pad is in good condition.
Load Bearing Sub Structure	14 Bearing Plinth/Shelf	1	A	99.1	N No Action Monitor Only	Not Applicable	£1	ISP 9 bearing shelf is in good condition.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is outwith is expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.





Durability Elements	18 Movement/Expansion Joints	2	E	99.2	Cyclic Maint - Expansion joints	Not Applicable	£1	Rail joint at IS9 is blocked with debris and should be cleared at next cyclic maintenance visit.
Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Hand rail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023		
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8		Primary Deck Form (G4) 11
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157		Primary Deck Material (G6) A
Span 9 of 12 Span Width (m) 3.50	Span Length (m) 12.61	Deck Overall Length (m): 162.22		Secondary Deck Form (G5) 20
All above ground elements inspected: Yes	Photographs? No			Secondary Deck Material (G6) P
Number of construction forms in bridge span	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	3	B	2.1	N No Action Monitor Only	Not Applicable	£1	Large, localised spall on bridge deck of span 9 adjacent to IS9.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£0	Min or vertical cracking on both parapet cope fascia's.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	11 Pier/Column	3	B	2.1	N No Action Monitor Only	Not Applicable	£1	Large spall at top of IS10 exposing reinforcement.
Load Bearing Sub Structure	13 Bearings	1	A	12.6	N No Action Monitor Only	Not Applicable	£1	IS10 elastomeric pad is in good condition.
Load Bearing Sub Structure	14 Bearing Plinth/Shelf	1	A	99.1	N No Action Monitor Only	Not Applicable	£1	IS10 bearing shelf in good condition.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is out with is expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.



Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023		
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8	Primary Deck Form (G4)	11
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157	Primary Deck Material (G6)	A
Span 10 of 12 Span Width (m) 3.50	Span Length (m) 10.69	Deck Overall Length (m): 162.22	Secondary Deck Form (G5)	20
All above ground elements inspected: Yes	Photographs? No		Secondary Deck Material (G6)	P
Number of construction forms in bridge span	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	Deck soffit in good condition.
Deck Elements	6 Parapet Beam Or Cantilever	2	C	5.2	Cyclic Maintenance - Vegetation	Not Applicable	£1	Areas of moss growth on both parapet copes in spans 1, 2 and 3.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor vertical cracking on both parapet cope fascias.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	11 Pier/Column	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	IS11 in good condition.
Load Bearing Sub Structure	13 Bearings	1	A	12.6	N No Action Monitor Only	Not Applicable	£1	IS11 elastomeric pad is in good condition.
Load Bearing Sub Structure	14 Bearing Plinth/Shelf	1	A	99.1	N No Action Monitor Only	Not Applicable	£1	IS11 bearing shelf in good condition.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is out with its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.



Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023		
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8		Primary Deck Form (G4) 11
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157		Primary Deck Material (G6) A
Span 11 of 12 Span Width (m) 3.50	Span Length (m) 10.69	Deck Overall Length (m): 162.22		Secondary Deck Form (G5) 20
All above ground elements inspected: Yes	Photographs? No			Secondary Deck Material (G6) P
Number of construction forms in bridge span	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	Deck soffit is in good condition. Minor hairline cracks only.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Minor vertical cracking on both parapet cope fascias.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	11 Pier/Column	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	IS12 in good condition.
Load Bearing Sub Structure	13 Bearings	1	A	12.6	N No Action Monitor Only	Not Applicable	£1	IS12 elastomeric pad is in good condition.
Load Bearing Sub Structure	14 Bearing Plinth/Shelf	1	A	99.1	N No Action Monitor Only	Not Applicable	£1	IS12 bearing shelf in good condition.
Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is outwith its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.



Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

<b>WORK REQUIRED</b>				
<b>Element No</b>	<b>Suggested Remedial Work</b>	<b>Priority (ranking 3 &amp; 4 only)</b>	<b>Estimated Cost</b>	<b>Action/Work Ordered?</b>



Inspector: Redacted	Date: 14-September-2021	Next inspection type/date: General due 14/09/2023		
Bridge Name: BEECH AVENUE F/B	Bridge Ref No: M8 22-23 F62	Road Ref No: M8	Primary Deck Form (G4)	11
BICS Inspector Level: INSPECTOR	Map Ref: OSE 255,766	OSN 664,157	Primary Deck Material (G6)	A
Span 12 of 12 Span Width (m) 3.50	Span Length (m) 10.69	Deck Overall Length (m): 162.22	Secondary Deck Form (G5)	20
All above ground elements inspected: Yes	Photographs? Yes		Secondary Deck Material (G6)	P
Number of construction forms in bridge span	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	More

**S - Severity, Ex - Extent, Def - Defect**

Set	Element No/Description	S	Ex	Def	Work Required	Priority (ranking 3 or 4 only)	Estimated Cost	Comments/Remarks
Deck Elements	1 Primary Deck Element (Table G4)	1	A	2.2	N No Action Monitor Only	Not Applicable	£1	Deck soffit is in good condition. Minor hairline cracks only.
Deck Elements	6 Parapet Beam Or Cantilever	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Min or vertical cracking on both parapet cope fascias.
Load Bearing Sub Structure	8 Foundations	6	F	0.0	?	Not Applicable	£0	Foundations buried, unable to inspect. No visible signs of settlement/movement.
Load Bearing Sub Structure	9 Abutments (Incl. Arch Springing)	2	B	2.2	N No Action Monitor Only	Not Applicable	£1	Areas of cracking some with leaching on ES13 abutment.
Load Bearing Sub Structure	9 Abutments (Incl. Arch Springing)	6	F	0.0	?	Not Applicable	£0	The end support is hidden behind a brickwork facing wall. Unable to inspect abutment.
Load Bearing Sub Structure	13 Bearings	1	A	12.6	N No Action Monitor Only	Not Applicable	£1	ES13 elastomeric pad is in good condition.
Load Bearing Sub Structure	14 Bearing Plinth/Shelf	1	A	99.1	N No Action Monitor Only	Not Applicable	£1	ES13 bearing shelf in good condition.
Durability Elements	15 Superstructure Drainage	4	E	8.1	Cyclic Maint - Drainage	3	£1	Photograph No.2 - Gully totally blocked at ESP 13 This should be cleaned and clear during the next Cyclic Maintenance visit.





Durability Elements	17 Waterproofing	6	F	0.0	?	Not Applicable	£1	Waterproofing is 46 years old and therefore is out with its expected lifespan and should be considered for replacement. The condition of the footpath would indicate there are minor issues with the waterproofing.
Durability Elements	18 Movement/Expansion Joints	2	C	99.2	Cyclic Maint - Expansion joints	Not Applicable	£1	Debris build up in ES13 rail joint. This should be removed during next Cyclic Maintenance visit.
Durability Elements	20 Surface Finishes: Substructure Elements	1	A	99.1	?	Not Applicable	£0	
Durability Elements	21 Painting: Parapets/Safety Fences	5	E	4.1	N No Action Monitor Only	Not Applicable	£1	Paint system has failed on both parapet rails throughout the structure and is beyond its useful life. There is localised areas of surface rusting evident on both parapets, particularly at the bottom of the posts and welded joints.
Safety Elements	23 Handrail/Parapets/Safety Fences	2	C	1.1	N No Action Monitor Only	Not Applicable	£1	Areas of minor surface corrosion evident at welded joints and at the bottom of the parapet posts.
Safety Elements	25 Footway/Verge/Footbridge Surfacing	2	E	9.4	N No Action Monitor Only	Not Applicable	£1	Areas of cracking and weathering throughout footbridge surfacing creating possible trip hazards.
Other Bridge Elements	30 Revetment/Batter Paving	2	B	3.1	Masonry - Repairs	Not Applicable	£1	Localised area of brickwork missing and dislodged on revetment.
Other Bridge Elements	31 Wing Walls	6	F	0.0	?	Not Applicable	£0	Wing walls are hidden behind brickwork facing wall. The brickwork is in good condition.
Other Bridge Elements	33 Embankments	1	A	5.1	N No Action Monitor Only	Not Applicable	£1	Cultivated grassed area

**INSPECTOR'S COMMENTS (Please include comments on Scour)**

The footbridge is in reasonable condition with very few defects noted. It is recommended that the superstructure drainage is cleaned and clear during the next cyclic maintenance visit. All other minor defects recorded continue to be monitored at future GI's and PI's.

**WORK REQUIRED**

Element No	Suggested Remedial Work	Priority (ranking 3 & 4 only)	Estimated Cost	Action/Work Ordered?
------------	-------------------------	-------------------------------	----------------	----------------------



15	Cyclic Maint- Drainage - Photograph No.2 - Gully totally blocked at ESP 13 This should be cleaned and clear during the next Cyclic Maintenance visit.	3	£1	No
----	---	---	----	----

**APPENDIX PH - Photographs**



General view of LHS



General view of RHS



General view of adopted uplink



General view of adopted downlink

**APPENDIX PH - Photographs**



Photograph No. 1 - Minor localised spall on the IS8 half joint.



Photograph No.2 – Gully's totally blocked at ESP 13.