um I	Bridge	Inspection Pro Forma	ased on Volume 2 Addendum: August 2004									
Gen	eral In	spection CSS	Inspector:							Form 1 of 3 for this bridge		
Brid	ge Na	me: CLODDACH		_						Date: 02/12/2021		
Brid	ge Ref	f/No: C2E/20		Sp	an W	/idth:	4.55	ōm		Map Ref: 320172, 858398		
				Sp	an Le	ength	: 6.7	'3m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface		
Spar	n desc	cription: west span								Primary Deck Material: E Steel		
All a	bove (ground elements inspecte	ed: Yes	Ph	otogi	raphs	: Yes	S		Secondary Deck Form: 23 Jack Arch - No Transverse Beams		
Num	ber of	f construction forms in bri	dge/span: 1	•						Secondary Deck Material: B Plain / Mass Concrete		
Set	No	Element Desc	ription	S	Ex	Def	W	Ρ	Cost	Comments		
lements	1	Primary Deck Element (4	D	1.2	RM	Н	99	Significant section loss to outside beams. Approx 5mm section loss to bottom flange (assumed original flange thickness of 15mm).			
Deck E	3	Secondary Deck Element/S - Element From Table 3			F	0.0	?	?	0	Concrete jack-arches could not be inspected. Some rusting and corrosion visible to corregated metal base. Condition of concrete unknown. No tie rods visible.		
	/		3		1.2	RM	M	99				
gnç	8 0	Foundations	oringing)	1 3	A	6.1	? RM	? M	0	0.8mm vertical crack full beight		
Load Bearing S Structure	11	Pier/Column		2	В	2.2	N	?	0	Horizontal crack		
ents	15	Superstructure Drainage)	5	E	8.1	VD	Н	99	deck drainage totally blocked. Water		
em	16	Substructure Drainage		5	Е	8.4	VD	Н	99	Abutment weep holes not working		
ility El	17	Waterproofing		4	E	14.2	W	Η	99	Soffit of deck wet and dripping throughout with calcite stalactites. Waterproofing failed		
rab	19	Painting: Deck Elements	6	5	Е	4.1	SBP	Н	99			
Du	21	Painting: Parapets/Safet	y Fences	5	D	4.1	SBP	L	99			
ıts	23 24	Handrail/Parapets/Safet Carriageway Surfacing	y Fences	4 3	B C	1.2	RM RM	H M	99 99	Vertical posts flaking at base Resurfacing required		
Safety Elemer												
Ø	26 27	Invert/River Bed Aprons		2	B B	7.1	N N	?	0	Minor scour Minor scour		
ridge ents	28	Fenders/Cutwaters/Colli	sion	3	D	3.6	RM	L	1,000	Blockwork on top of cutwater spalled and		
her B leme	29	River Training Works		1	А	99.1	?	?	0	Small weir upstream to divert water		
O U U	31	Wing Walls		3	С	3.5	RM	L	99	Concrete spalling and brakout to		
	33	Embankments		1	А	11.1	?	?	0			

Bridge Inspection Pro Forma Based on Volume										ased on Volume 2 Addendum: August 2004
	ts	35	Approach Rails/Barriers/Walls	1	А	16.1	?	?	0	
	en	36	Signs	4	С	13.1	RM	Н	99	Height restriction gantry damaged
	Ш.	38	Services	1	А	1.1	?	?	0	
	ш						1			
	2									
	liai									
	cill									
	ŭ ∎									
	1	1								

				N	lultiple De	efects				
	Element Number	Defect Numbe	r Severity	Extent	Defect		Comn	nents		
	1	1	3	D	1 1	Pitting to bott	om flange of	outside beams.		
	11	1	1	Α	2.2					
	31	1	3	В	2.4	Minor delami	nation			
				1	2 					
				Insp	ector's Cu	omments				
	No comm	onte roco	dod by inspect	insp						
		ents recoi	ded by inspect	.01.						
Nam	e:			Signed	:			Date: 02/12/2021		
				Eng	ineer's C	omments				
	No comm	ents recoi	ded by engine	er.						
Nam	e: ?			Signed	:			Date: 01/01/9999		
	-			0	Work Req	equired				
	Referenc	e No.	Suggested I	Remedial W	ork	Priorit	у	Estimated Cost		
		1 S	HOT BLAST A	ND PAINT		High		£99		
		1 R	Repair / Maint	ain		High		£99		
		7 R	Repair / Maint	ain		Medium		£99		
		9 R	Repair / Maint	ain		Medium		£99		
		11 N	No Action Mor	nitor Only		?		£0		
		15 R	EMOVE VEGE	TATION & D	DEBRIS	High		£99		
		16 R	EMOVE VEGE	TATION & D	DEBRIS	High		£99		
		17 R	EPLACE WAT	ERPROOFI	NG	High		£99		
		19 S	HOT BLAST A	ND PAINT		High		£99		
		21 S	HOT BLAST A	ND PAINT		Low		£99		
		23 R	Repair / Maint	ain		High		£99		
		24 R	Repair / Maint	ain		Medium		£99		
		26 N	No Action Mor	nitor Only		?		£0		
		27 N	No Action Mor	nitor Only		Low		£1,000		
		28 R	Repair / Maint	ain		Low		£1,000		
		31 R	Repair / Maint	ain		Low		£99		
		31 R	Repair / Maint	ain		Low		£99		
		36 R	Repair / Maint	ain		High		£99		

Bridge Inspection Pro Forma

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Based on Volume 2 Addendum: August 2004

um	Bridge	Inspection Pro Forma	·						Ba	ased on Volume 2 Addendum: August 2004	
Gen	eral In	spection CSS	Inspector:							Form 2 of 3 for this bridge	
Brid	ge Na	me: CLODDACH								Date: 02/12/2021	
Brid	ge Re	f/No: C2E/20		Sp	an W	/idth:	4.55	im		Map Ref: 320172, 858398	
				Sp	an Le	ength	: 6.7	3m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface	
Spa	n desc	ription: centre span								Primary Deck Material: E Steel	
All a	bove (ground elements inspect	ed: Yes	Ph	otogi	aphs	: Yes	3		Secondary Deck Form: 23 Jack Arch - No Transverse Beams	
Num	ber of	construction forms in br	ridge/span: 1							Secondary Deck Material: B Plain / Mass Concrete	
Set	No	Element Desc	ription	S	Ex	Def	W	Ρ	Cost	Comments	
Deck Elements		Primary Deck Element (Secondary Deck Eleme Element From Table 3	4	F	0.0	RM ?	H ?	99 0	Significant section loss to outside beams. Approx 5mm section loss to bottom flange (assumed original flange thickness of 15mm). Concrete jack-arches could not be inspected. Some rusting and corrosion visible to corregated metal base. Condition of concrete unknown. No tie		
	-	Deak Drasing		2		4.0		N.4	00	rods visible.	
	/		3		1.2			99			
Load Bearing Sub Structure	8	Foundations	1	A	6.1	?	?	0			
ents	15	Superstructure Drainag	e	5	Е	8.1	VD	Η	99	deck drainage totally blocked. Water dripping from superstructure	
y Elem	17	Waterproofing			E	14.2	W	Н	99	Soffit of deck wet and dripping throughout with calcite stalactites.	
jiit	19	Painting: Deck Element	5	Е	4.1	SBP	Н	99			
Irak	21	Painting: Parapets/Safe	5	D	4.1	SBP	L	99			
Du											
Elements	23 24	Handrail/Parapets/Safety Fences Carriageway Surfacing			B C	1.2 9.2	RM RM	H M	99 99	Vertical posts flaking at base Resurfacing required	
Safety											
dge ts	26	Invert/River Bed		5	E	7.1	RM	Н	99	Severe scour at centre span undercutting invert. Scour is approx 0.5-1m away from pier.	
Bri	27	Aprons		4	D	7.1	RM	Н	99		
Other Elem											

un	Bridge	Inspection Pro Forma	В	Based on Volume 2 Addendum: August 2004					
y Elements	38	Services	1	A	1.1	?	?	0	
Ancilliar									

	Multiple Defects												
	Element Number	Defe Numb	ct Severity ber	Extent	Defect	Com	ments						
	1	1	3	D	11	Pitting to bottom flange of	f outside beams.						
				Insp	ector's Con	nments							
	No comm	ents reco	orded by inspect	or.									
Name	e:			Signed			Date: 02/12/2021						
	i			Eng	ineer's Con	nments							
	No comm	ents reco	orded by engine	er.									
Name	e: ?			Signed			Date: 01/01/9999						
					Work Requi	red							
	Referenc	e No.	Suggested F	Remedial W	/ork	Priority	Estimated Cost						
		1	SHOT BLAST AN	ND PAINT	H	igh	£99						
		1	R Repair / Maint	ain	H	igh	£99						
		15	R Repair / Maint	ain TATION & F		edium	£99						
		15				ign iab	£00						
		19	REPLACE WAT		NG H	igh	£33 £99						
		21	SHOT BLAST A				£99						
		23	Renair / Maint	ain	H	iah	£99						
		24	R Repair / Maint	ain	M	edium	£99						
		26	R Repair / Maint	ain	Н	iah	£99						
		27	R Repair / Maint	ain	Н	igh	£99						
		I			Į	<u> </u>							
1													

um	Bridge	Inspection Pro Forma						Ba	ased on Volume 2 Addendum: August 2004			
Gen	eral In	spection CSS	Inspector:							Form 3 of 3 for this bridge		
Brid	ge Na	me: CLODDACH								Date: 02/12/2021		
Brid	ge Re	f/No: C2E/20		Sp	an W	/idth:	4.55	5m		Map Ref: 320172, 858398		
				Sp	an Le	ength	: 6.7	'3m		Primary Deck Form: 04 Beam / Girder - At Or Below Deck Surface		
Spa	n desc	cription: east span								Primary Deck Material: E Steel		
All a	bove (ground elements inspecte	ed: Yes	Ph	lotogi	raphs	: Ye	S		Secondary Deck Form: 23 Jack Arch - No Transverse Beams		
Num	ber of	i construction forms in brid	dge/span: 1	•						Secondary Deck Material: B Plain / Mass Concrete		
Set	No	Element Descr	iption	S	Ex	Def	W	Ρ	Cost	Comments		
lements	1	Primary Deck Element (1	4	D	1.2	RM	Н	99	Significant section loss to outside beams. Approx 5mm section loss to bottom flange (assumed original flange thickness of 15mm).			
Deck E	3	Secondary Deck Element Element From Table 3	ıt/S -	6	F	0.0	?	?	0	Concrete jack-arches could not be inspected. Some rusting and corrosion visible to corregated metal base. Condition of concrete unknown. No tie rods visible.		
	/			3		1.2	RIVI		99			
ring Sub ture	8 9	Abutments (Incl. Arch Sp	3	B	6.1 2.1	RM	M	99	Concrete spalling/breakout at beams. Large aggregate size. No reinforcement visible.			
Load Bea Struc	11	Pier/Column	2	В	2.2	N	?	0	Horizontal crack			
ents	15	Superstructure Drainage	5	E	8.1	VD	Н	99	deck drainage totally blocked. Water dripping from superstructure			
ility Elem	16 17	Substructure Drainage Waterproofing		5 4	E	8.4 14.2	VD W	H H	99 99	Abutment weep holes not working Soffit of deck wet and dripping throughout with calcite stalactites. Waterproofing failed		
Durab	19 21	Painting: Deck Elements Painting: Parapets/Safet	y Fences	5 5	E D	4.1 4.1	SBP SBP	H L	99 99			
Safety Elements	23 Handrail/Parapets/Safety Fences 24 Carriageway Surfacing		/ Fences	43	B C	1.2 9.2	RM RM	H	99 99	Vertical posts flaking at base Resurfacing required		
	26	Invert/River Bed		2	В	7.1	Ν	?	0	Minor scour		
ge s	27	Aprons	aion	2	B	7.1	N	L	1,000	Minor scour		
Srid ent:	28	Protection	sion	3		3.0	I.VI	L	1,000	Blockwork on top of cutwater spalled and broken out		
ther E	29	River Training Works		1	А	99.1	?	?	0	Small weir upstream to divert water towards middle span at low flow.		
ŏ	31	Wing Walls		3	С	3.5	RM	L	99	Concrete spalling and brakout to detailing at top of wingwall		
	33	Embankments		1	А	11.1	?	?	0	······································		

Bridge Inspection Pro Forma Based on Volu										ased on Volume 2 Addendum: August 2004
I	ts	35	Approach Rails/Barriers/Walls	1	А	16.1	?	?	0	
	en	36	Signs	4	С	13.1	RM	Н	99	Height restriction gantry damaged
	Ш.	38	Services	1	А	1.1	?	?	0	
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				IV.	lultiple D	efects			
	Element Number	Defect Numbe	Severity	Extent	Defect		Comme	ents	
	1	1	3	D	11	Pitting to bottom	n flange of ou	utside beams.	
	11	1	1	A	22		-		
	31	1	3	В	24	Minor delaminat	tion		
	I		L	•	·	-			
	<u> </u>			Insp	ector's C	omments			
	No comm	ents recor	ded by inspect	or.					
			1	0	-			D 1 00/10/0001	
vam	e:			Signed	incor'o C	ammanta		Date: 02/12/2021	
				Eng	meers c	omments			
	No comm	ents recor	ded by engine	er.					
Nam	e: ?			Signed	:			Date: 01/01/9999	
	-				Work Req	quired			
	Referenc	e No.	Suggested I	Remedial W	ork	Priority		Estimated Cost	
		1 SI	IOT BLAST A	ND PAINT		High		£99	
		1 R	Repair / Maint	ain		High		£99	
		7 R	Repair / Maint	ain		Medium		£99	
		9 R	Repair / Maint	ain		Medium		£99	
		11 N	No Action Mor	nitor Only		?		£0	
		15 RI	EMOVE VEGE	TATION & D	DEBRIS	High		£99	
		16 RI	EMOVE VEGE	TATION & D	DEBRIS	High		£99	
		17 RI	EPLACE WAT	ERPROOFI	NG	High		£99	
		19 SH	HOT BLAST A	ND PAINT		High		£99	
		21 Sł	IOT BLAST A	ND PAINT		Low		£99	
		23 R	Repair / Maint	ain		High		£99	
		24 R	Repair / Maint	ain		Medium		£99	
		26 N	No Action Mor	nitor Only		?		£0	
		27 N	No Action Mor	nitor Only		Low		£1,000	
		28 R	Repair / Maint	ain		Low		£1,000	
		31 R	Repair / Maint	ain		Low		£99	
		31 R	Repair / Maint	ain		Low		£99	
		36 R	Repair / Maint	ain		High		£99	

Bridge Inspection Pro Forma

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Based on Volume 2 Addendum: August 2004