

ROAD: C2E

**BRIDGE NAME: CLODDACH SOUTH OF
ELGIN**

O.S. GRID REF: 202 584

1997

BRIDGE INSPECTIONS FORM FOR END SUPPORTS

Form 1

C2E

Division :

OS Map Ref : 202584 Sheet No : 1 of 4

Structure Name : CLOODACH & SOUTH OF ELGIN

Spans : 3

Basic Structural Form : STEEL BEAMS - CONCRETE Extended? NO DECK

Inspected by : [Redacted] Date : 17th JULY 1997

Item No	Description of Item	Condition (P,F,G,NA)	Description of Defect	Severity	Extent
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SUPPORT NO LEFT HAND. INDICATIVE POSITION

1	Invert/Apron	NA		0	
2	Foundations	G		0	
3	Cutwaters	NA		0	
5	Abutments	F	VERTICAL CRACK FULL HEIGHT	0	
5	Wingwalls	G		0	
7	Embankment	G		0	
8	Training Walls	NA		0	
9	Drainage Substructure	NA		0	
10	Parapets	F/P	CONCRETE CRACKED - RENDERED FACE	0	GENERAL
11	Bearings	NA		0	
26	Pointing	NA		0	
27	Surfacing	NA		0	

END SUPPORT NO RIGHT HAND. INDICATIVE POSITION

1	Invert/Apron	NA		0	
2	Foundations	G		0	
3	Cutwaters	NA		0	
5	Abutments	G	U/S CORNER SPLIT.	0	1
5	Wingwalls	G	IMPACT CRACK (HORIZONTAL) AT BOTTOM OF PARAPET.	0	Sm
7	Embankments	G		0	
8	Training Walls	NA		0	
9	Drainage Substructure	NA		0	
10	Parapets	F/P	CONCRETE CRACKED - RENDERED FACE	0	GENERAL
11	Bearings	NA		0	
26	Pointing	NA		0	
27	Surfacing	NA		0	

ANY ADDITIONAL REMARKS TO BE REFERENCED TO STRUCTURE, PART AND ITEM NO ON A SEPARATE SHEET.

Methods of Testing Required
Methods of Access and Equipment

Priority

no repair at present - monitor
repair within next 3 years
repair in next financial year
requires immediate repair

BRIDGE INSPECTION FORM INTERMEDIATE SUPPORTS

Form 2

Structure Name: **CLODDACH - SOUTH OR ELGIN.**

Sheet No **2** of **4**.

No	Description of Item	Condition (P,F,G,NA)	Description of Defect	Severity	Extent
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INTERMEDIATE SUPPORT NO **LEFT HAND** INDICATIVE POSITION

1	Invert/Apron	G		0	
2	Foundations	G		0	
3	Cutwaters	F	CRACKED & SPALLED AT TOP	0	
4	Piers/Columns	F		0	
5	Training Walls	NA		0	
6	Drainage Substructure	NA		0	
7	Bearings	NA		0	
8	Pointing	NA		0	

INTERMEDIATE SUPPORT NO **RIGHT HAND** INDICATIVE POSITION

1	Invert/Apron	G		0	
2	Foundations	G		0	
3	Cutwaters	F	CRACKED & SPALLED AT TOP	0	
4	Piers/Columns	F		0	
5	Training Walls	NA		0	
6	Drainage Substructure	NA		0	
7	Bearings	NA		0	
8	Pointing	NA		0	

INTERMEDIATE SUPPORT NO _____ INDICATIVE POSITION

1	Invert/Apron				
2	Foundations				
3	Cutwaters				
4	Piers/Columns				
5	Training Walls				
6	Drainage Substructure		NA		
7	Bearings				
8	Pointing				

ADDITIONAL REMARKS TO BE REFERENCED TO STRUCTURE, PART AND ITEM NO ON A SEPARATE SHEET

BRIDGE INSPECTION FORM FOR DECKS

Form 3

Bridge Name **CLODDACH - SOUTH OF LEIGH**

Sheet No **3** of **4**

Item No	Description of Item	Condition (P, F, G, NA)	Description of Defect	Severity	Extent
CK NO	ALL				
	INDICATIVE POSITION				
	Parapets	G		0	
2	Expansion Joints	NA		0	
	Main Beams	F-G	OUTSIDE BEAMS ARE RUSTING. ALL BEAMS TO BE GRIT BLASTED & THICKNESS MEASURED - THEN PAINTED CORRUGATED IRON SHUTTERING TO BE SHOT BLASTED PAINTED	1	
	Encased Ends	G		0	
	Troughing	NA		0	
	Jack Arches	NA		1	
7	Transverse Beams & Diaphragm	NA		0	
	Waterproofing	NA		0	
3	Drainage Superstructure	NA		0	
	Concrete Deck	?		0	
	Arch Springing	NA		0	
	Arch Ring	NA		0	
3	Voussoirs/ Archface	NA		0	
	Spandrel Walls	NA		0	
5	Tie Rods	NA	TIES ON BEAM FLANGES - TREATMENT	1	
6	Pointing	NA		0	
7	Surfacing	G		0	

Item No	Description of Item	Condition (P, F, G, NA)	Description of Defect	Severity	Extent
	INDICATIVE POSITION				
	Parapets				
	Expansion Joints				
3	Main Beams				
	Encased Ends				
5	Troughing				
	Jack Arches				
7	Transverse Beams & Diaphragm				
	Waterproofing				
9	Drainage Superstructure				
	Concrete Deck				
11	Arch Springing				
	Arch Ring				
13	Voussoirs/ Archface				
15	Spandrel Walls				
	Tie Rods				
17	Pointing				
	Surfacing				

RIGHT HAND

LEFT HAND

CONSTRUCTED 1930S

RIVER LOSSIE

HORIZONTAL CRACK
ALONG BOTTOM OF
PARAPET

(F) (G)

CORNER
SPALL

SOFFIT & BEAMS
ON ALL SPANS REQUIRE
SHOT BLAST & PAINT.

(H)

SPLIT AT TOP
OF PIERS

(M)

3 LINES
OF TIES

CONCRETE
BRIDGE
VAULTED ARCH BETWEEN
STEEL BEAMS

HORIZONTAL
CRACK
CONCRETE
ABUTMENTS

5m

(I)

OLD CRACKING
ON FACE
GENERAL

7m

BEAM FLANGES
CORRODED

NO BULGING

(E)

SPLIT AT
TOP OF PIER

(D) (C)

7m

HAIRLINE HORIZONTAL
CRACK (POSSIBLE JOINT).

(A) (B)

K

CZE

HAIRLINE
CRACKS - GB
CRACK ON
ABUTMENT
FULL HEIGHT

CZE

CLODONACH - SOUTH OF ELGIN

OS REF 202584

40FA



PLATE A



PLATE B



PLATE C



PLATE D



PLATE E



PLATE F



PLATE G



PLATE H



PLATE I



PLATE J



PLATE K



PLATE L



PLATE M