

**Ref No: HY623/W/1624**

<b>General Inspection</b>		Inspector: AECOM	<b>Form 1 of 1 for this structure</b>
Wall Name: Hillhouse Road WR1			Date: 27/02/2020
Wall Ref/No: HY623/W/1624		Span Width: 205.00 m	Map Ref: 320833,675092
BCI Span Number: 1		Length of Span: 2.50 m	Primary Deck Form: Gravity
Span description: Element 1			Primary Deck Material: L Masonry - Stone
All above ground elements inspected: 1		Photographs: 1	Secondary Deck Form: No Secondary Wall Element
Number of construction forms in Bridge/Span: 1			Secondary Deck Material: P No Secondary Element

Condition Indicator and Scores								
Average Score for structure					Span Score			
BCI av	78.89	BCS av	2.10	BCI av	78.89	BCS av	2.10	
BCI crit	55.48	BCS crit	3.10	BCI crit	55.48	BCS crit	3.10	

Set	No	Element Description	S	Ex	Def	W	P	Cost	M	Comments
Rw - Main Elements	1	Rw - Foundations								
	2	Rw - Retaining Wall - Primary	3	C	3.6	R	M	850	✓	Several tree trunks on retained side. Stone missing & very loose. Open joints in areas throughout.
	3	Rw - Retaining Wall - Secondary								
	4	Rw - Parapet Beam / Plinth								

Rw - Durability Elements	5	Rw - Drainage							
	6	Rw - Movement / Expansion Joints							
	7	Rw - Surface Finishes : Wall	2	C	3.2	None	0	0	
	8	RW - SURFACE FINISHES : HANDRAIL / PARAPET							

Rw - Safety Elements	9	RW - HANDRAILS / PARAPETS / SAFETY FENCES							
	10	Rw - Carriageway - Top Of Wall	2	C	9.4	None	0	0	
	11	Rw - Carriageway - Foot Of Wall							
	12	Rw - Footway / Verge - Top Of Wall	2	D	9.6	None	0	0	
	13	Rw - Footway / Verge - Foot Of Wall							

Rw - Other	14	Rw - Embankment - Top Of Wall								
	15	Rw - Embankment - Foot Of Wall								
	16	Rw - Invert / River Bed								
	17	Rw - Aprons								

Rw - Ancillary	18	Rw - Signs							
	19	Rw - Lighting							
	20	Rw - Services							

Multiple Defects								
Element Number	Defect Number	Severity	Extent	Defect	W	P	Cost	Comments
2	1	3	C	3.2	R	M	£450	Missing stone & very loose. Open joints in areas throughout.

Inspector's Comments									

**Name: Hillhouse Road WR1**

**Ref No: HY623/W/1624**

General Score Rating: Fair (Poor in areas). Stone very loose and missing, open joints throughout.

Name: AECOM	Signed:	Date: 27/02/2020
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*Engineer's Comments*

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

Reference No.	Suggested Remedial Work	Priority	Estimated Cost
2	Repairs	Medium	£450
2	Repairs	Medium	£850