ENGINEERS AUSTRALIA
Western Australia Division

ENGINEERS
AUSTRALIA

CEREMONY REPORT

STIRLING BRIDGE

Heritage Recognition Ceremony

Stirling Bridge, December 2, 2014

PREPARED BY ENGINEERING HERITAGE WESTERN AUSTRALIA
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CONTENTS

Cover page photo Anthony Riddette

1. INTRODUCTION

The Stirling Bridge at Fremantle was planned to meet the traffic requirements generated by the continuing development of heavy industry in the Kwinana area and general urban expansion. The bridge has been planned by Main Roads WA to be duplicated in the future and the first stage was completed in 1974, three months ahead of schedule. It was designed by Maunsell and Partners and constructed by Clough and Son Pty Ltd. It was officially opened by the Premier of Western Australia, the Hon Sir Charles Court, on May 17, 1974. At the time of its opening it was the longest bridge in Western Australia.

Figure 1. The interpretation panel and marker in place on the south shore of the Swan River (Photo Karen Riddette)

2. CEREMONY

The Stirling Bridge celebration was the 189th in Engineering Heritage Australia's Heritage Recognition program.

Due to budget restrictions the MRWA was unable to host a formal ceremony to commemorate the Engineering Heritage Marker award to the Stirling Bridge. However MRWA did cover the cost of the design, manufacture, delivery and installation of the panel and had no objection to EHWA holding an informal ceremony which took place on December 2, 2014.

EHWA invited staff members of MRWA, Maunsell, Clough and the major subcontractor, BBR Prestressing, with partners, who had been involved in the planning, design or construction, to attend the ceremony and a list of invitees and attendees is attached (see Appendix 1). EHWA Chair Professor Mark Bush and EHWA panel member, Karen Riddette, who had been involved in the preparation of the nomination, also attended (Figure 2).

The interpretation panel was jointly unveiled by Geoffrey Fernie and Peter Knight, respectively Maunsell Lead Designer and Clough Site Construction Manager (Figure 3).

Figure 2. Ceremony attendees (L to R) Mark Bush, Karen Riddette, Leith Young, Don Young, Glen Knight, Peter Knight, Harold Clough, Bob Freedman, Audrey Saunders, Ken Michael, Peter Saunders, Lee Fernie, Jim Leslie, Geoff Fernie. (Photo Peter Fairweather)

Figure 3. Peter Knight and Geoff Fernie unveil the interpretation panel. (L to R) Glen Knight, Peter Knight, Geoff Fernie, Lee Fernie (Photos Peter Fairweather)

3. COSTING

ITEM	BUDGET	FUNDED BY
Panel Design	$282.00	MRWA
Panel/Frame Manufacture	$2,508.00	MRWA
Panel Delivery	$132.00	MRWA
Panel Install Costs	N/A	MRWA
Marker	$200.00 approx	EHA
Ceremony Costs	-	-
TOTAL COST (known amounts):	**$3122.00**	

4. INTERPRETATION PANEL

The interpretation panel design is shown in Appendix 2. The panel is vitreous glass enamel, 1200 mm wide by 600 mm high. It is fixed to a powder coated galvanised frame and the standard 300 mm diameter EHM marker is bolted to a 3 mm steel plate spanning between the legs of the frame. The panel is installed near the south abutment of the bridge, between the riverside road and the shoreline. See Figs 4 and 5.

APPENDIX 1: INVITED GUESTS AND ATTENDEES

Name	Organisation / Role	Attended	Apology
Dr K C Michael	Commissioner for Main Roads WA, 1991 - 1997	•	
Mr A H Tognolini	" " , 1985 - 1990		•
Mr J G Marsh	Bridge Engineer Main Roads WA, 1957 - 1985		•
Mr P Saunders Mrs A Saunders	Site Civil Engineer MRWA	•	
Mr P G Sands	Manager Perth Office Maunsell & Partners, 1970 - 1975		•
Mr G N Fernie Mrs L Fernie Mr P Fairweather	Lead Design Engineer Maunsell & Partners	•	
Mr J Leslie	Maunsell Partners Perth Office Engineer 1972	•	
Dr W H Clough	Managing Director & Chairman J O Clough to 2002	•	
Mr D F Young Mrs L Young	Clough Stirling Bridge Project Director 1972 – 1974	•	
Mr P J Knight Mrs G Knight	Clough Stirling Bridge Construction Manager 1972 – 1974	•	
Mr E C Wells	Clough Chief Structural Design Engineer		•
Mr R Browning	Clough Site Civil Engineer		•
Mr J Bromell	Clough Site Civil Engineer		•
Mr R Freedman	Manager BBR Prestressing Company	•	
Mr J Calder	Clough Precast Yard Superintendent		•
Mr W Romaro	Clough Site Superintendent		•
Prof. Mark Bush	Chair, EHWA	•	
Mrs Karen Riddette	EHWA panel member	•	

APPENDIX 2: INTERPRETATION PANEL