Iconic Twins

RYAN DEWAR – BECA
DAVID DUFFIELD – THE HILLS SHIRE COUNCIL
Balmoral Road Release Area (BRRA)
The Brief

An appealing modern aesthetic consistent between the two bridges

Allowance for widening of Memorial Avenue and Windsor Road

Exceptional durability providing 100 years design life and minimal maintenance.

Be appropriate for their setting including respect for the privacy and outlook of nearby residents

Council’s budget for each bridge of $1.73M inclusive of all internal costs.
The Ramps
Councils Early Concepts

Windsor Road

Memorial Ave
Design Philosophy
Urban Design Philosophy
Urban Design Philosophy
Structural Design Philosophy
Structural Design Challenges
Windsor Rd – Main Truss Model
Windsor Rd – Main Truss Arching
Windsor Rd – South Ramp
Construction: Procurement

AS 4000—1997
(incorporating amendments nos. 1, 2 & 8)

Australian Standard™

General conditions of contract

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etc, etc
Construction: Windsor Rd
Before
Construction: Windsor Rd - Piling
Construction:
Windsor Rd - Abutments
Construction: Windsor Rd – Truss Fabrication
Construction: Windsor Rd – Truss Coating
Construction: Windsor Rd – Testing
Construction: Windsor Rd – Truss Assembly
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