



Berry Bypass Urban Design Strategy

Kangaroo Valley Road Interchange + Victoria Street

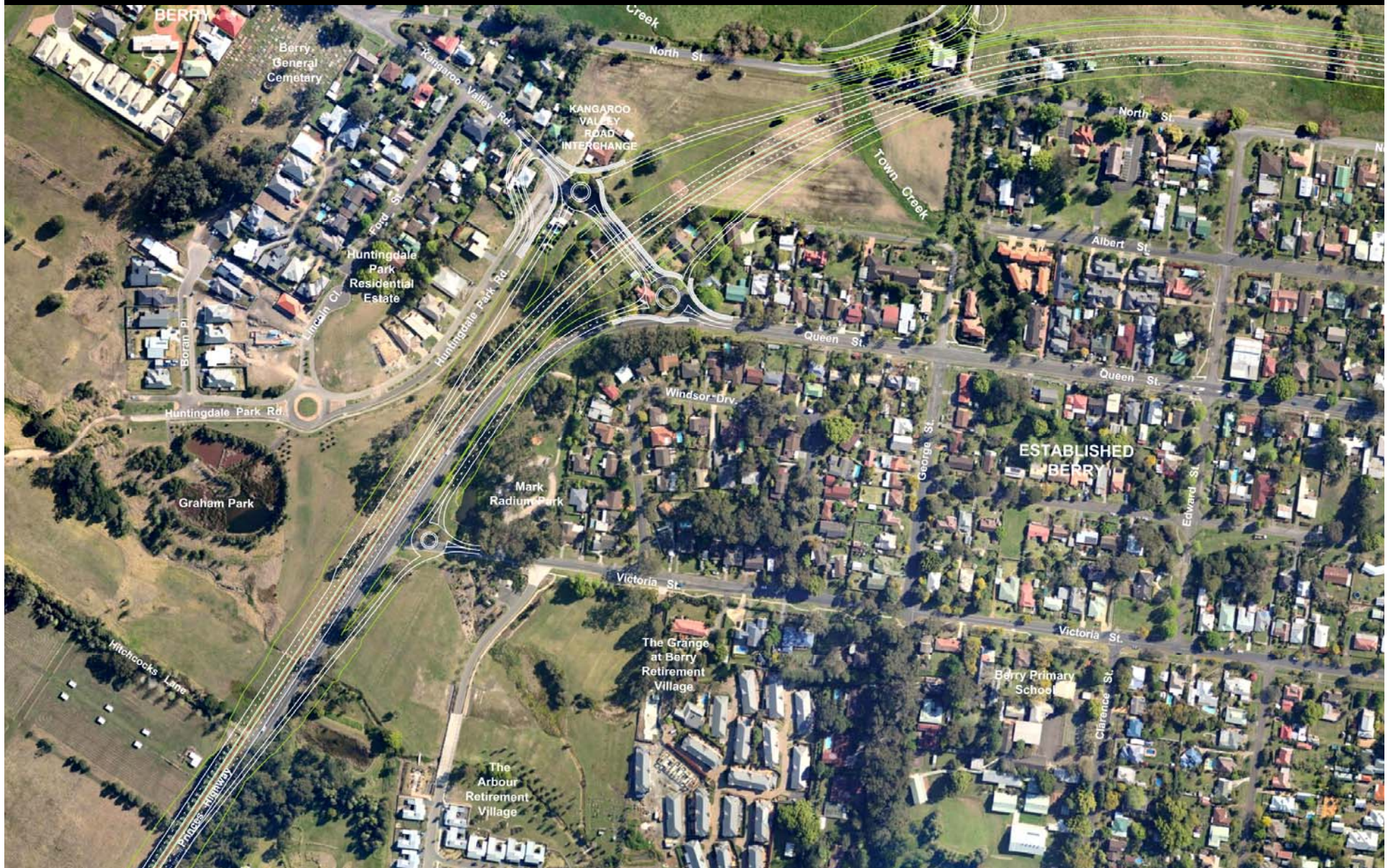
29 March 2012



Contents

- Precincts
- Key Pedestrian & Cyclist Links
- Adjoining Streetscape Character
- Generic RMS Overbridge - Analysis
- Cross Sectional Study - Options





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Queen St – View West



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Queen St – View East



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Typical Queen St Footpath



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Kangaroo Valley Road – View at Interchange



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Kangaroo Valley Road – View East

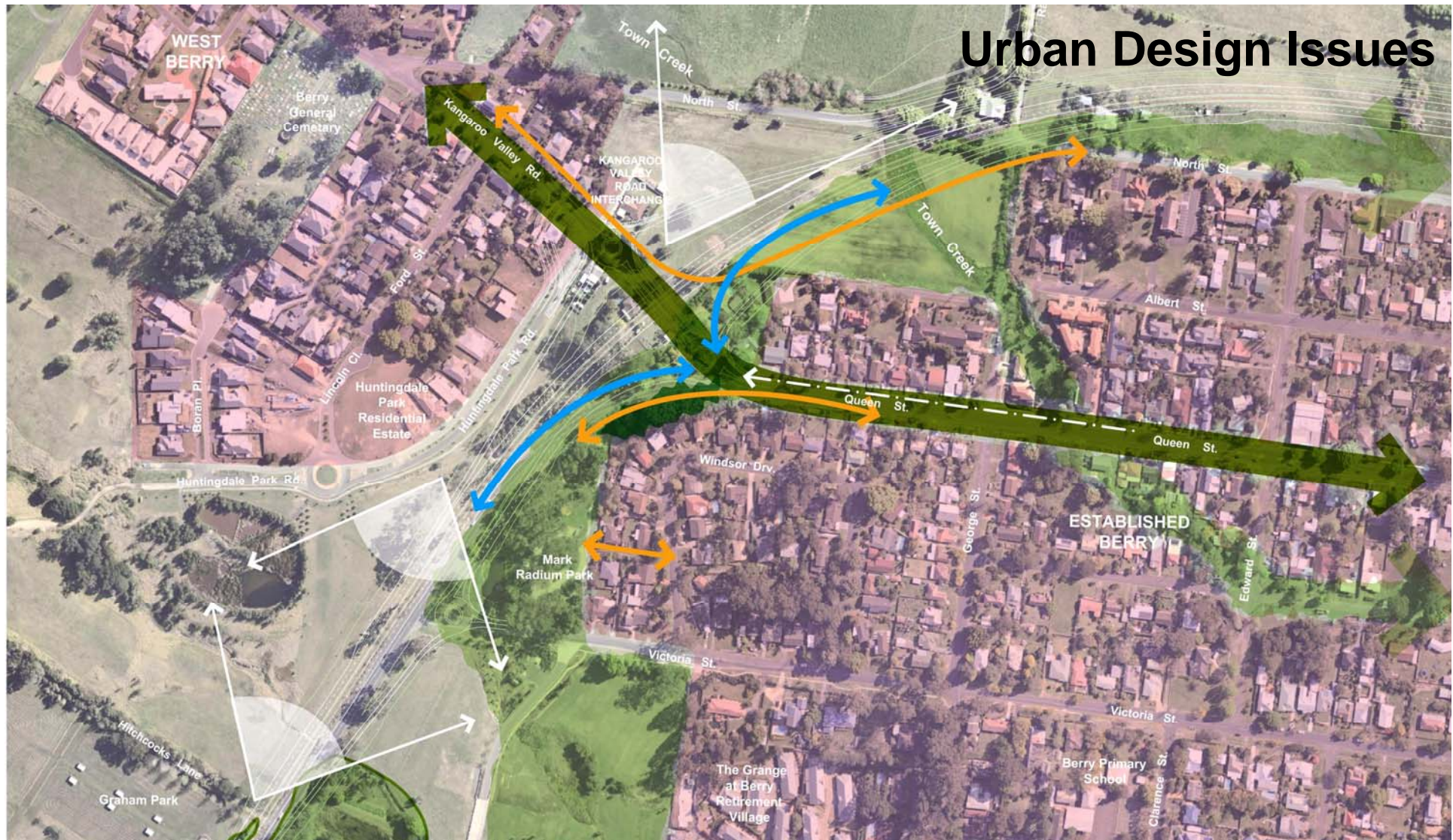


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Kangaroo Valley Road – View West



Urban Design Issues



1. Establish a continuity of streetscape from Queen Street to Kangaroo Valley Road.
2. Provide vista along Queen Street.
3. Provide Queen Street to Mark Radium Park pedestrian connection.
4. Provide path to Windsor Drive residential neighbourhood.
5. Provide recreational pathway from Kangaroo Valley Rd to North St.
6. Establish an arc of interconnected green spaces.
7. Establish recreational corridor along Town Creek alignment.
8. Capture attractive views in Bypass driving experience.
9. Establish attractive Berry township arrival experience.
10. Incorporate Eucalypts into township arrival experience.





Kangaroo Valley Road Interchange Overbridge – Technical Criteria

- 35-40m long, 20m wide.
- Voided slab (no columns necessary) and Super T bridge types being assessed.
- Throw screens will be required (3m).
- Incorporates shared pathways (2.5m wide) on both sides.
- 2H:1V interchange batters can be landscaped.
- 900mm high safety barrier required.
- Spill through and retaining wall abutment types being assessed.

RMS Generic Overbridge – Analysis

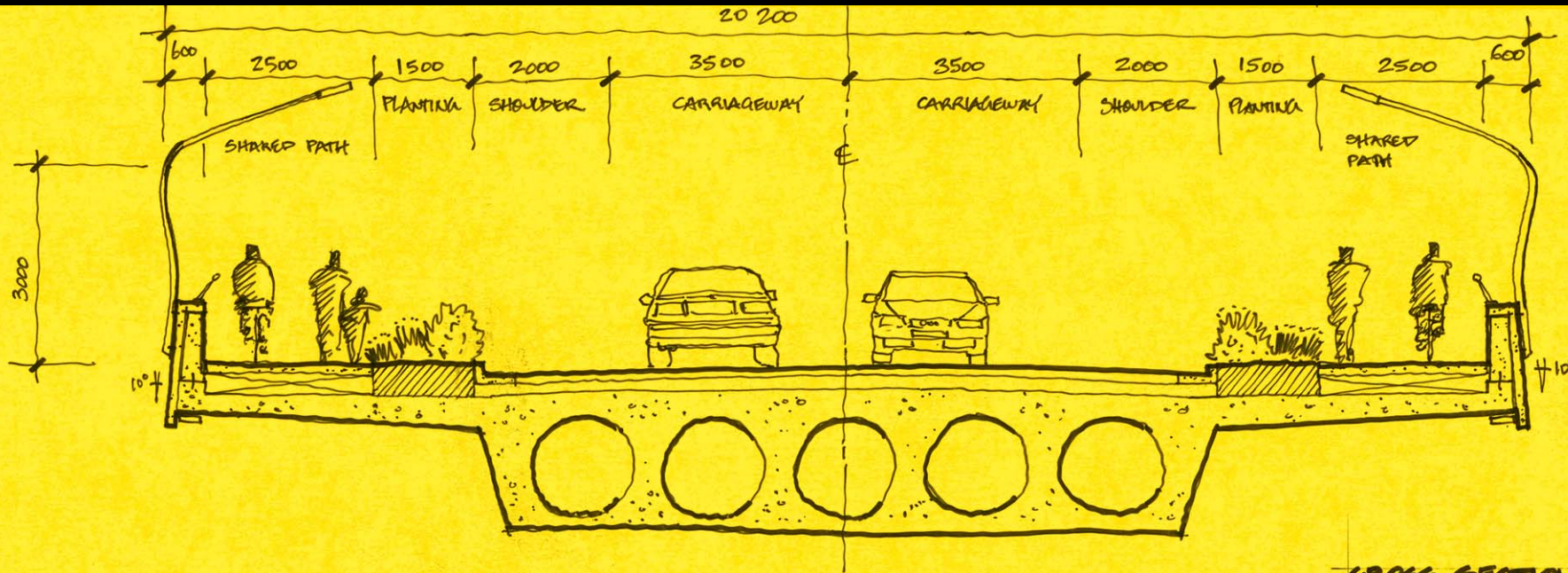
Pros

- Meets vehicular safety standards.
- Low cost standardised design.

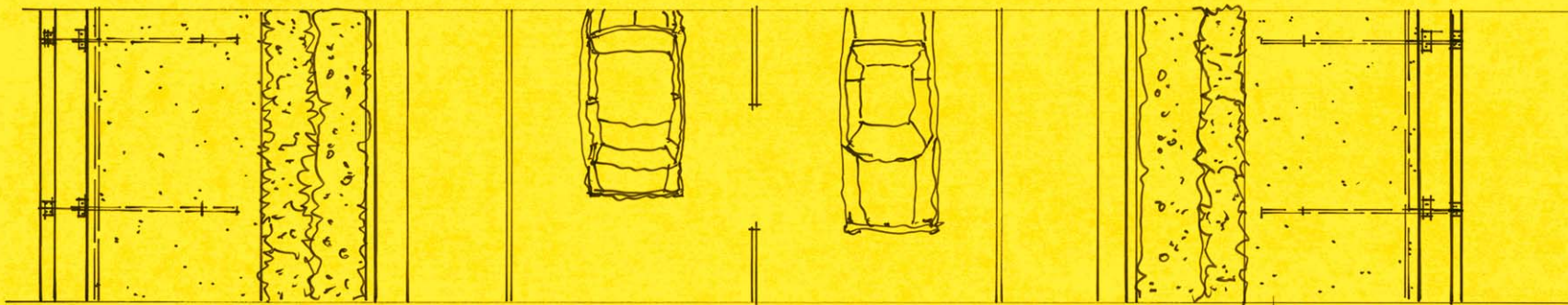
Cons

- Harsh and exposed environment.
- Very narrow footpath.
- Uneven paved surface.
- All hard paved – no landscaping, glary.
- Vehicular scale detailing – balustrade, etc.
- No provision for cyclists.





CROSS SECTION
DETAIL 1 - OUTSIDE BARRIER
CMF 29/3/12 SK 41

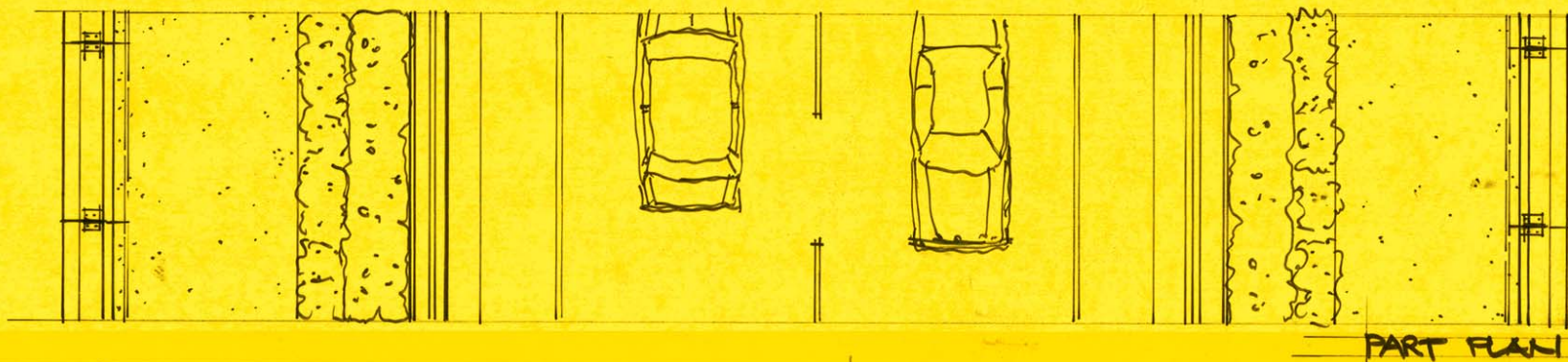
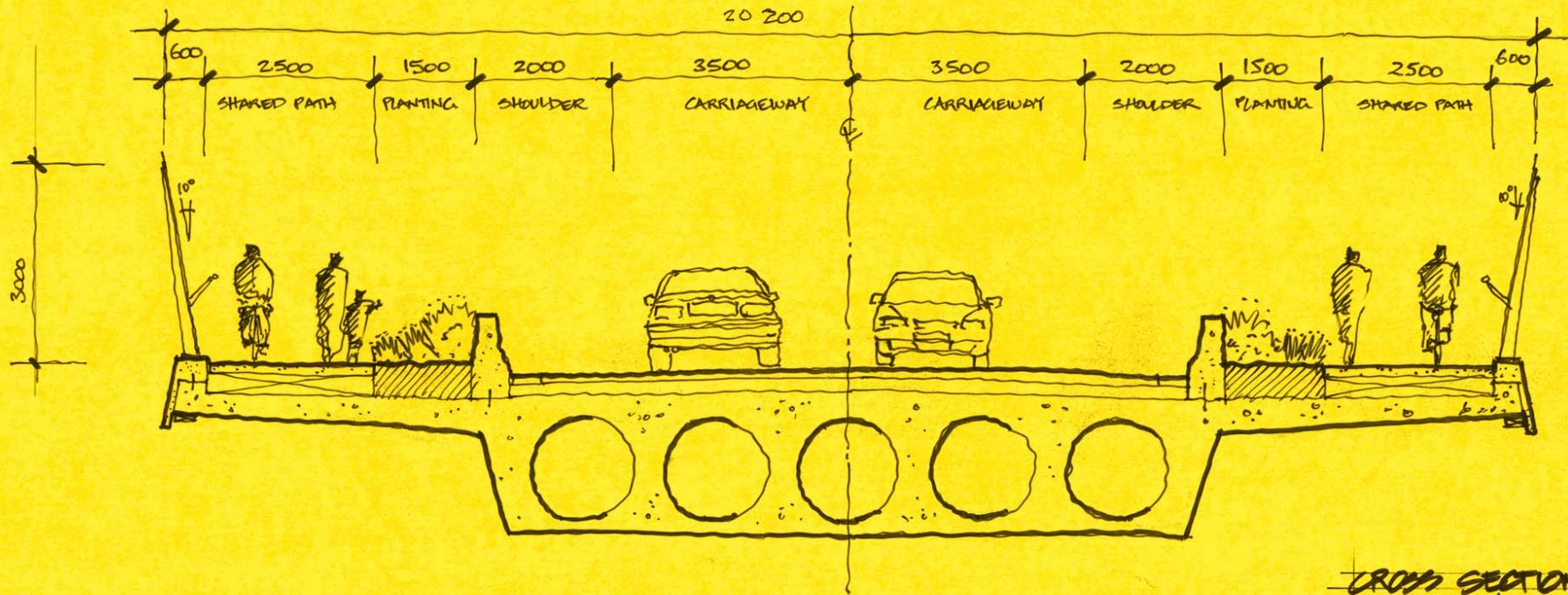


PART 2 SK 41



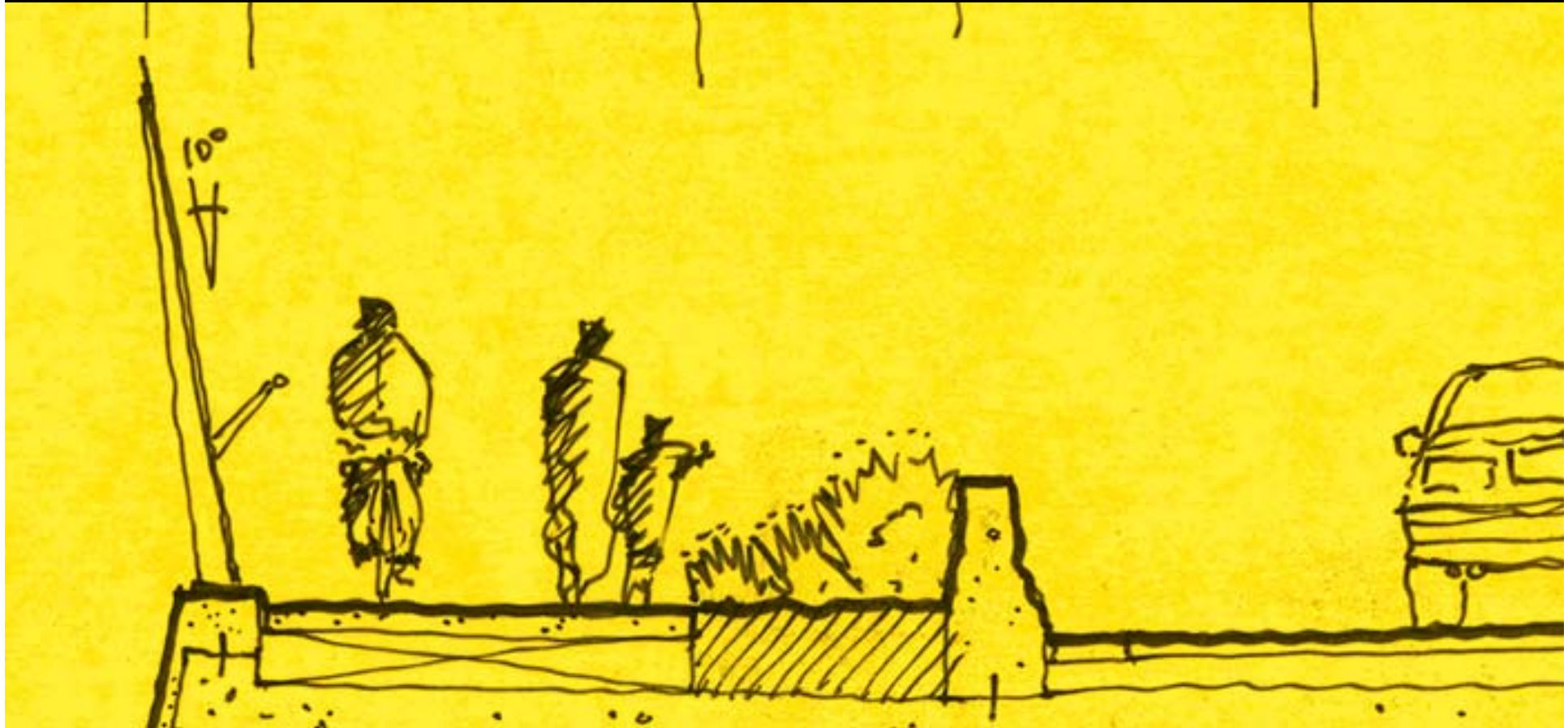
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Option 2 – Inside Barrier



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Option 2 – Inside Barrier Detail



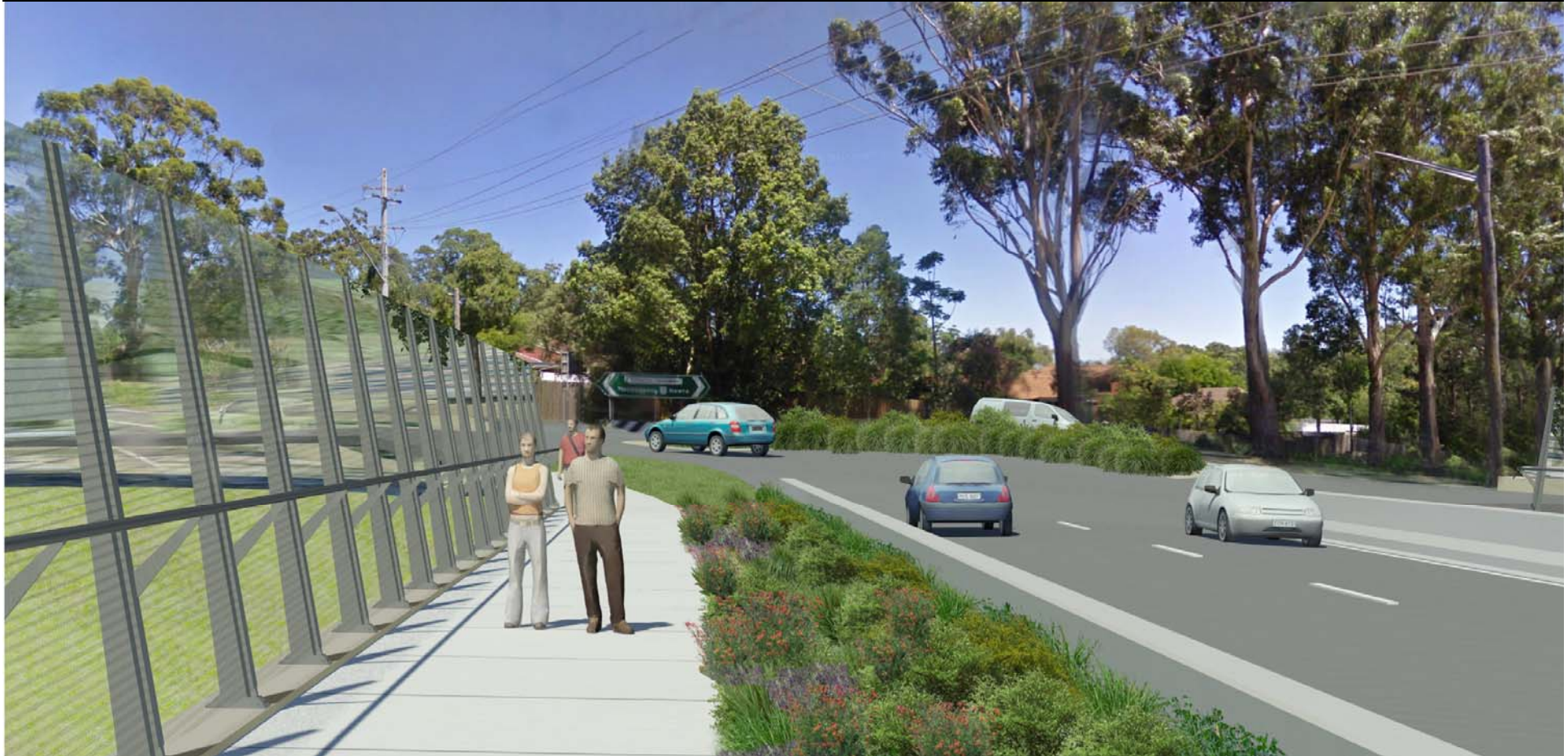
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Option 1 – Outside Barrier



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Option 2 – Inside Barrier





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