1. Concrete shall be special class performance concrete as specified in VicRoads Standard Specification for Bridgeworks.

2. Exposure classification shall be B1 for surfaces of concrete contacting soil and B2 for all other surfaces.

3. All corners shall have 20 x 20mm fillets or chamfers unless noted otherwise.

4. Reinforcement:
   - Cover:
     - 55mm unless noted otherwise.
   - Grade:
     - (N) denotes high strength steel reinforcing deformed bars. Grade 500 (normal ductility) to AS/NZS 4671.
     - (R) denotes plain reinforcing bars to AS/NZS 4671.
   - Spacing:
     - Taken as equal unless noted otherwise.
   - Staggered:
     - Not permitted unless noted otherwise.
   - Welding:
     - Not permitted unless noted otherwise.
   - Bending:
     - All bending shall be around 4db pin to AS 5100-2004.
   - Splicing:
     - All splices shall be in accordance with AS 5100-2004. Splices to be staggered so that no more than 50% occur at any location.

5. General:
   - Installations shall be in accordance with Road Design Note 03-01 - High Profile Barrier Kerb

6. The use of High Profile Barrier Kerb shall meet the requirements of Road Design Note 03-01 - High Profile Barrier Kerb.

7. Minimum length of full height kerb shall be 2.3m.

8. Placement of High Profile Barrier Kerb shall account for pavement drainage considerations.

9. AS/NZS 3845-1999: Test Level 2: 70 km/h

10. Design:
    - Minimum length of full height kerb shall be 2.3m.
    - Placement of High Profile Barrier Kerb shall account for pavement drainage considerations.

NOTES:

Concrete:
- CONCRETE TO BE SPECIAL CLASS PERFORMANCE CONCRETE AS SPECIFIED IN Vicroads STANDARD SPECIFICATION FOR BRIDGEWORKS.

STANDARD DRAWING

AS/NZS 3845-1999: Test Level 2: 70 km/h

HIGHER PROFILE BARRIER KERB
MIDWEST BARRIER KERB

VicRoads Drawing No. SD 4201

TECHNICAL SERVICES

VicRoads

SD 4201

ISSUED DATE

APPROVED

AMENDMENT

VICTORIA 3124

CAMBERWELL

3 PROSPECT HILL ROAD

FAX (03) 9811 8329

PHONE (03) 9811 8355

TECHNICAL

REFERENCES AND NOTES:

1. Construction Joint

2. Expansion Joint at 200mm CRS.

3. Provide transition in accordance with SD 4202.

4. Expansion Joint at 200mm CRS. DOVetail to be aligned square.

5. Minimum length of 200mm from one end.

6. Petroleum Jelly Impregnated Tape shall be wrapped in R24-1 (GALV) Dowels x 600mm long.

7. 16 N12 Ligatures on both faces.

8. 16N12 (both faces).

9. 300mm size 20mm class 3.

10. 200mm CRS. N12 Ligatures.

11. The use of High Profile Barrier Kerb shall meet the requirements of Road Design Note 03-01 - High Profile Barrier Kerb.

12. Minimum length of Full Height Kerb shall be 2.3m.

13. Placement of High Profile Barrier Kerb shall account for pavement drainage considerations.

14. AS/NZS 3845-1999: Test Level 2: 70 km/h