1. Concrete maintenance strip shall not be greater than 75mm thick and 200% strength as performance of the barrier system can be affected.

2. Concrete maintenance strip shall have a minimum 2% crossfall or with the same slope as the abutting pavement, preferred crossfall direction is away from the traffic lane unless specified, where the crossfall is towards the traffic lane, a maximum slope of 5% shall be provided to ensure the relative height of guard fence to ground surface is not compromised.

3. Full depth expansion joints ( Cork or approved equivalent shall be provided, perpendicular to the line of the steel beam guard fence 200mm each side of every post. Alternatively, the following 2 options could also be considered; (i) 75% depth saw cut 200mm each side of every post for the full width of the maintenance strip. (ii) A leave-out area around the post filled with 75mm thick low strength concrete mix (less than 0.85MPa), as shown below.

4. Expansion joints ( Cork or approved equivalent) shall be used where maintenance strip is adjacent to kerb or pavement.

5. Where guard fence is erected within 0 to 1.5m behind back of kerb, the W-beam mounting height shall be measured from kerb. When erected within 0 to 1.5m from edge of carriageway without kerb (typically the edge line), the height shall be measured from the edge of carriageway. For distances beyond this, the height shall be measured from the normal ground height directly beneath the W-beam rail.

6. Particular attention shall be given at terminals to ensure that any above ground level moving components such as guard stanchions or cables are not restricted from functioning by concrete placement. Refer manufacturer specifications for moving components.

7. Where WRSB is erected within 0 to 1m from edge of carriageway, 200mm each side of every post, full depth expansion joints shall be used where maintenance strip is adjacent to kerb or pavement.

8. Expansion joints shall be avoided where the width of the WRSB maintenance strip is less than the width of 75mm thick low strength concrete mix (less than 0.85MPa), as shown below.

9. Concrete maintenance strip shall have a minimum 2% crossfall or with the same slope as the abutting pavement, preferred crossfall direction is away from the traffic lane unless specified. Median applications shall consider site specific drainage conditions.

10. Full depth expansion joints shall be provided at intervals not exceeding 10m and dummy joints at least 75mm deep and 200mm each side of every post. For the full width of the maintenance strip. Where guard fence is erected within 0 to 1.5m from edge of carriageway without kerb (typically the edge line), the height shall be measured from the edge of carriageway. For distances beyond this, the height shall be measured from the normal ground height directly beneath the W-beam rail.

11. Concrete maintenance strip shall be placed between and around post foundations to not affect the performance of WRSB. Refer to product supplier requirements.

12. Where the width of the WRSB terminal foundation is less than the width of longitudinal maintenance strip, the concrete maintenance strip shall be extended to the end of the terminal foundation.