NOTES:

1) PIANO MARKINGS ARE TO BE APPLIED ONTO THE RAMP AND NOT ONTO THE PRECEDING ASPHALT. IF FURTHER DETAILS REFER TO AS1742.13. THE RAMP SHOULD NOT BE CONSTRUCTED FROM BRICK PAVING SINCE THIS HAS POOR ADHESION FOR ROAD MARKINGS. PIANO MARKINGS SHOULD EXTEND ACROSS THE FULL HUMP WIDTH.

2) RAMP GRADES SHOWN ARE NOT SUITABLE FOR USE ON BUS ROUTES. IF IT IS REQUIRED TO USE A PLATEAU ON A BUS ROUTE A RAMP GRADE OF 1:2.0 SHOULD BE ADOPTED. ON CYCLE ROUTES A GRADE OF 1:2.0 IS MORE SUITABLE.

3) PLATEAU LENGTH SHOWN IS NOT MANDATORY. IF IT IS NECESSARY TO USE A PLATEAU ON A BUS ROUTE, PLATEAU LENGTH SHOULD BE DESIGNED TO AVOID BUSES BOTTOMING OUT WHILE ON THE DEVICE. TRANSPHERNT SUGGESTS PLATEAU LENGTHS OF 7.0m FOR RIGID BUSES AND 10.0m FOR ARTICULATED BUSES TO AVOID THIS.

4) ROAD HUMPS SHALL NOT BE USED AT PEDESTRIAN CROSSING POINTS UNLESS PEDESTRIAN CROSSING WARRANTS ARE MET AND ALL APPROPRIATE CROSSWALK MARKINGS (WOMBAT CROSSING) ARE INSTALLED. (REFER TO DRAWING NUMBER 20631-0001)

5) PLATEAU HEIGHTS SPECIFIED ARE DESIRABLE HOWEVER NOT MANDATORY. THE SPECIFIED PLATEAU HEIGHT IS NOT SUITABLE FOR USE ON A BUS ROUTE. PLATEAU HEIGHTS ON A BUS ROUTE SHOULD BE IN THE ORDER OF 65mm UP TO MAXIMUM OF 75mm.

6) ALL STREET LIGHTING SHOULD BE DESIGNED AND INSTALLED IN ACCORDANCE WITH AS1158.

7) USE MR-WD1-1 IF POSTED SPEED ≤ 50 km/h, USE W5-10/W8-2 IF POSTED SPEED > 50 km/h. SIGN ASSEMBLIES W5-10/W8-2 OR MR-WD1-1 AND W3-4/W8-17-2 ARE GENERALLY NOT REQUIRED WHEN THE DEVICE IS (A) PART OF AN AREA WIDE SCHEME, (B) IN A SPEED ZONE ≤ 30 km/h, OR (C) IF THE SPEED DIFFERENTIAL BETWEEN THE POSTED SPEED AND THE COMFORTABLE TRAVERSABLE SPEED OF THE HUMP ≥5 km/h. SIGN ASSEMBLIES ARE REQUIRED AT ANY HUMP THAT IS MORE THAN 120m FROM THE PREVIOUS HUMP OR IS NOT CLEARLY VISIBLE FROM THE PREVIOUS HUMP. THE 20 km/h ADVISORY SPEED MAY NOT BE APPROPRIATE IF A DIFFERENT RAMP GRADE AND/OR RAMP LENGTH IS USED.

8) SIGN ASSEMBLY W3-4/W8-17-2 IS USED IN ADVANCE OF THE FIRST HUMP IN A SERIES. MR-WD1-1 OR W5-10/W8-2 MAY BE OMITTED IF THERE ARE NO SIDE ROADS OR IF THE SIDE ROADS HAVE SIGNAGE INSTALLED INDICATING THAT THERE ARE HUMPS ON THE INTERSECTING ROAD.

9) ON FLAT GRADIENTS A 0.3m DRAINAGE CHANNEL MAY BE REQUIRED. ON CYCLE ROUTES A "BYPASS" MAY BE REQUIRED.

10) THIS DRAWING SUPERSEDES DRAWING NUMBER 8620-161.