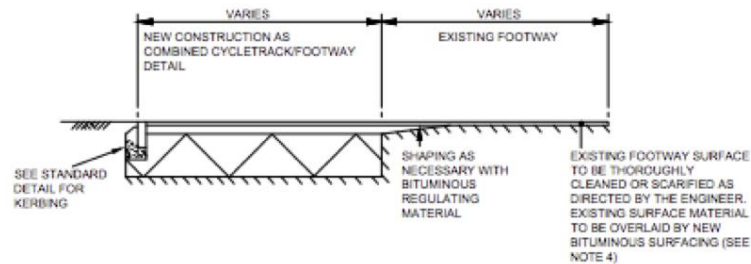


Appendix 3 – Footpath/Cycleway Materials

MATERIALS

Pavement course	Material Ref.	Thickness (mm)	Typical description	Requirements
Dense Macadam surface course	DM1850C	20	AC 6 dense surf 185/225 or (i) AC 6 dense surf 180/225F	BS EN 13108-1 and PD 6901 clause 5 No PSV or AAV requirement. (i) Between 1 September and 30 April the addition of a flux will be permitted provided the viscosity is reduced to no lower than 250 seconds. NOTE: When this material is used for Cycleway surface course it shall also be in accordance with Clause 1113AR (See Appendix G1)
Dense Macadam binder course	DM1260C	50	AC 20 dense bit 105/150 rec	BS EN 13108-1 and PD 6901 clause 5 When layer is to be trafficked, the PSV of the coarse aggregate shall be in accordance with table 3.1 of HA standard H036. This requirement does not apply when the layer is trafficked for a total period or sum of periods not exceeding 48 hours.
Sub-base	GG81	250	Type 1 Unbound Mixture for Sub-base	The minimum CBR of such mixtures will be 30% as calculated from the results of Dynamic Cone Penetration Tests or similar approved by the engineer.



TYPICAL SECTION FOR WIDENING EXISTING FOOTWAY

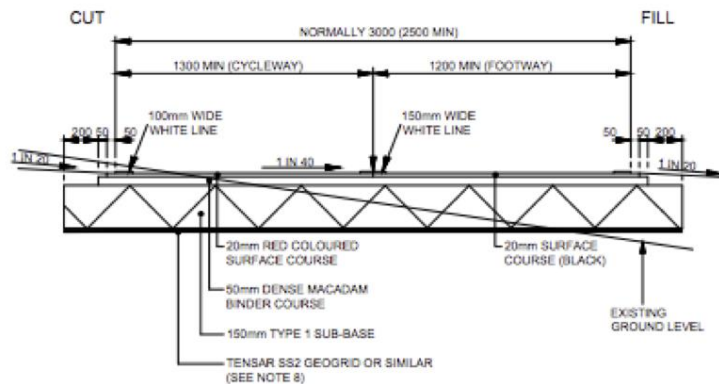
Scale 1 : 20

NOTES

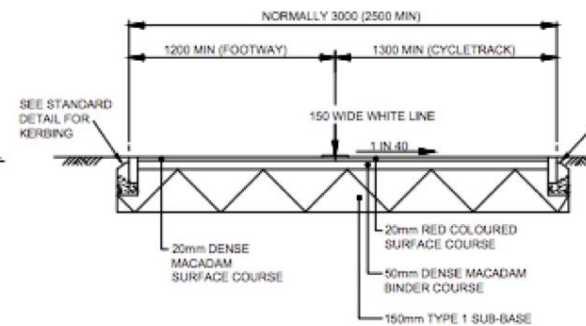
1. ALL DIMENSIONS IN MILLIMETRES.
2. ALL P.C.C. KERBS TO BS 7263 AND LAID IN ACCORDANCE WITH CL 10.4.5.
3. MORTAR TO BE DESIGNATION (i) TO CL 10.4.6 EXCLUDING LIME.
4. AREAS OF EXISTING FOOTWAY/CARRIAGEWAY TO BE TREATED WITH A TOTAL WEEDKILLER IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS PRIOR TO OVERLAY WITH BITUMINOUS MATERIALS. BITUMINOUS SPRAY TACK COAT TO BE APPLIED TO ALL BITUMINOUS SURFACES MORE THAN 24 HOURS OLD.
5. DEPARTMENT OF TRANSPORT APPROVAL TO BE OBTAINED BEFORE ERECTING SIGNS FOR USE BY CYCLISTS ON UNSEGREGATED CYCLETRACK/FOOTWAY.
6. ALL IN-SITU CONCRETE TO COMPLY WITH CL 10.5.1.
7. WHERE A COMBINED CYCLETRACK/FOOTWAY IS BUILT ALONGSIDE A ROAD THE CYCLETRACK SHALL BE LOCATED ADJACENT TO THE LIVE CARRIAGEWAY. THE WIDTH OF THE CYCLETRACK SHALL BE 1500 MIN.
8. USE OF GEOGRID TO BE AS INSTRUCTED BY THE ENGINEER.

DESIGN STANDARDS

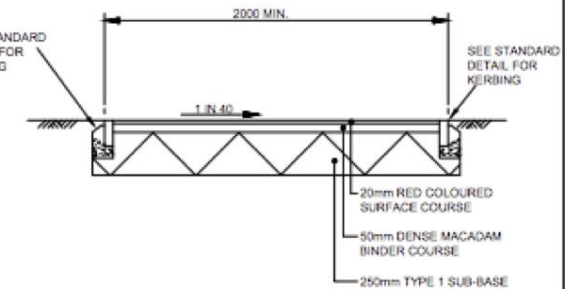
1. MINIMUM RADIUS OF CURVATURE 15m
2. MINIMUM SIGHT LINE 30m
3. MINIMUM HEADROOM CLEARANCE 2.7m
4. MINIMUM LATERAL CLEARANCE 0.5m
5. MAXIMUM GRADIENT - 3.0% OVER UNRESTRICTED LENGTHS
5.0% OVER LENGTHS UP TO 100m
7.0% OVER LENGTHS UP TO 30m



SEGREGATED CYCLETRACK/FOOTWAY
(TYPE 1)
Scale 1 : 20



SEGREGATED CYCLETRACK/FOOTWAY
(TYPE 2)
Scale 1 : 20



UNSEGREGATED CYCLETRACK/FOOTWAY
(SEE NOTE 5)
Scale 1 : 20

F	MATERIALS TABLE UPDATED	LSS	JS	125/06/06
E	CLAUSE NUMBERS AMENDED AND SUB-BASE THICKNESS REDUCED	GCF	JS	11/07/03
D	1:10 KERB DETAIL OMITTED	GCF	JS	11/24/03
C	31N KERB SIZE AMENDED	GCF	JS	NOV 2002
B	CARRIAGEWAY LAYER DESCRIPTION AMENDED	GCF	JS	AUG 2002
A	KERB UPSTAND ON DROP KERBS REDUCED TO 6mm			SEPT 2000



Rev	Description	Dim	CHK	Date
Drawing Status: PRELIMINARY <input type="checkbox"/> APPROVAL <input type="checkbox"/> INFORMATION <input type="checkbox"/> TENDER <input type="checkbox"/> CONTRACT <input type="checkbox"/>				
		Project: STANDARD DETAILS		
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Scales: AS SHOWN	Date: JUNE '99	Drawn: VLB Checked: JWS	Job No.: SBC/11/5-F	