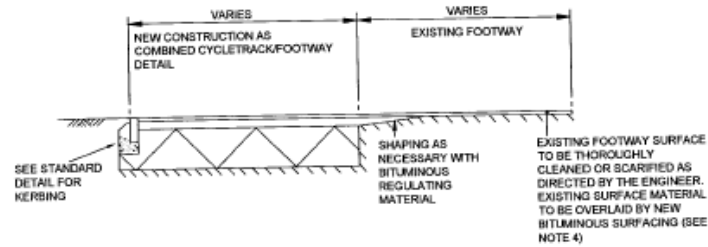


Appendix 2 – Cycleway specifications

MATERIALS

Pavement course	Material Ref.	Thickness (mm)	Typical description	Requirements
Dense Macadam surface course	DM1250C	30	AC 8 dense surf 160/220 or (i) AC 5 dense surf 180/220*	BS EN 12105-1 and PD 4881 clause 5 No PFC or AGU requirement. (i) Sections 1, 5, 6, 7 and 26 April the addition of a flux will be permitted provided the viscosity is reduced to no lower than 200 seconds. NOTE: (Where this material is used for cycleway surface course it shall also be in accordance with Clause 11.10.4M (See Appendix 9))
Dense Macadam binder course	DM1250B	30	AC 20 dense bit 100/150-m	BS EN 12105-1 and PD 4881 clause 5 Where layer is to be hot-laid, the PFC of the mineral aggregate shall be in accordance with Table 3.1 of BS standard 14226. This requirement does not apply where the layer is hot-laid for a total period of 48 hours or periods not exceeding 48 hours.
Sub-base	GBB1	250	Type 1 Unbound Macadam for Sub-base	The minimum CBM of each sub-base will be 30% as calculated from the results of Dynamic Cone Penetration Tests or similar approved by the engineer.



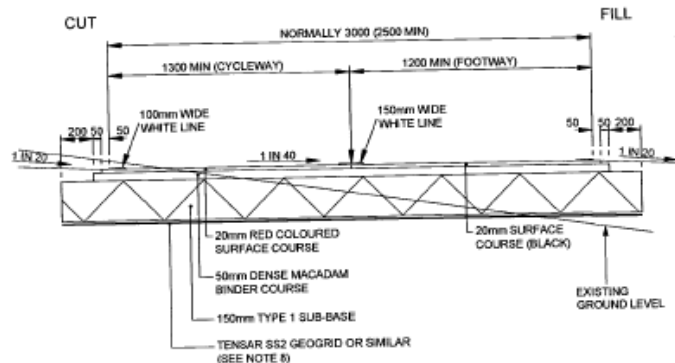
TYPICAL SECTION FOR WIDENING EXISTING FOOTWAY

Scale 1 : 20

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 (0) 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 INSITU CONCRETE TO COMPLY WITH CL 10.6.1.
7. WHERE A COMBINED CYCLETRACK/FOOTWAY IS BUILT ALONGSIDE A ROAD THE CYCLETRACK SHALL BE LOCATED ADJACENT TO THE LINE CARRIAGEWAY. THE WIDTH OF THE CYCLETRACK SHALL BE 1500 MIN.
8. USE OF GEOGRID TO BE AS INSTRUCTED BY THE ENGINEER.

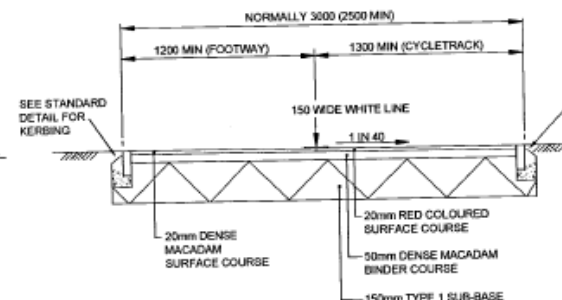
DESIGN STANDARDS

- 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



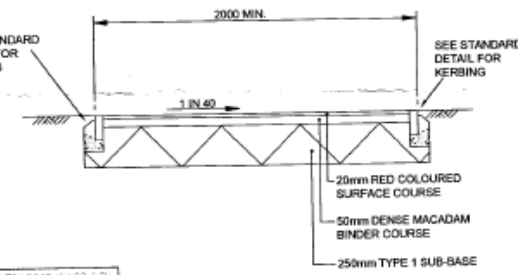
SEGREGATED CYCLETRACK/FOOTWAY (TYPE 1)

Scale 1 : 20



SEGREGATED CYCLETRACK/FOOTWAY (TYPE 2)

Scale 1 : 20



UNSEGREGATED CYCLETRACK/FOOTWAY (SEE NOTE 5)

Scale 1 : 20

STOCKTON BOROUGH COUNCIL
PLANNING
23 SEP 2013
DATE RECEIVED

13/2397/



Rev	Description	Drn	Chk	Date
F	MATERIALS TABLE UPDATED	LSJ	JS	25.06.06
E	CLAUSE NUMBERS AMENDED AND SUB-BASE THICKNESS REDUCED	GCJ	JS	18.07.03
D	1:10 KERB DETAIL OMITTED	GCJ	JS	11.04.03
C	PIN KERB SIZE AMENDED	GCJ	JS	NOV 2002
B	CARRIAGEWAY LAYER DESCRIPTION AMENDED	GCJ	JS	AUG 2002
A	KERB UPSTAND ON DROP KERBS REDUCED TO 6mm			SEPT 200

Drawing Status: PRELIMINARY APPROVAL INFORMATION TENDER CONTRACT

Project: STANDARD DETAILS

Content: CYCLEWAYS

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Date: JUNE '99
Job No.: SBC/11/5-F