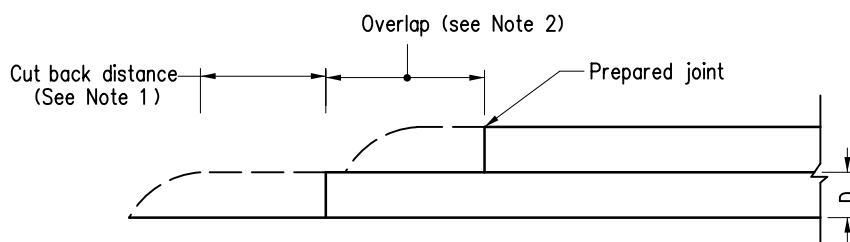


PAVEMENT CROSS-SECTION

Layers	Material	Thickness (mm)
Wearing course	Bituminous	30 (HMSMA6/HMFC) 40 (WC20/HMSMA10)
Base course		65
Road base		max. 405 (if HMSMA6/HMFC in wearing course) max. 395 (if WC20/HMSMA10 in wearing course)
Sub-base	Granular	Designed to RD/GN/042

Remark: Applications of HMSMA6, HMFC and HMSMA10 refer to RD/GN/011, RD/GN/032 and RD/GN/038 respectively.

THICKNESS OF PAVEMENT LAYERS



Notes:

JOINTS IN BITUMINOUS MATERIALS LAYERS

- Minimum cut back distance = $2 \times D$ or 100 whichever is greater.
- Minimum overlap between adjoining layers:
150 for joints longitudinal to carriageway.
500 for joints transverse to carriageway.
- Where the crossfall of road surface is towards the kerb the sub-base should be carried through to the edge of the embankment or to the filter drain.
- Refer to the general specification for the nominal sizes of materials.
- Kerb units shall be laid on 1:3 cement mortar not less than 10 mm thick and not more than 40 mm thick.
- All dimensions are in millimetres.

E	PMSMA6 & PMSMA10 deleted. HMSMA6 added.	Original Signed	Apr 25
D	Thickness of pavement layers amended	-	Feb 23
C	Include PMFC layer	-	Jan 17
B	Table for thickness revised to tally with RD/GN/042	-	Nov 13
A	Table for thickness revised	-	July 11
	Former Drg. No. H1016/A with general revision	-	June 94
REF.	REVISION	SIGNATURE	DATE

TYPICAL BITUMINOUS
PAVEMENT CONSTRUCTION

HIGHWAYS DEPARTMENT

REFERENCE RD/GN/042

DRAWING No.

CAD

SCALE
Diagrammatic

H 1101E