

**REINSTATEMENT TYPE A**

WHERE EXISTING CARRIAGEWAY IS TO BE OVERLAID

**REINSTATEMENT TYPE B**

WHERE EXISTING SURFACING IS THIN SURFACE COURSE SYSTEM OR STONE MASTIC ASPHALT

**REINSTATEMENT TYPE C**

WHERE EXISTING SURFACING IS HOT ROLLED ASPHALT OR SURFACE DRESSED SITES OF 40 MPH OR GREATER

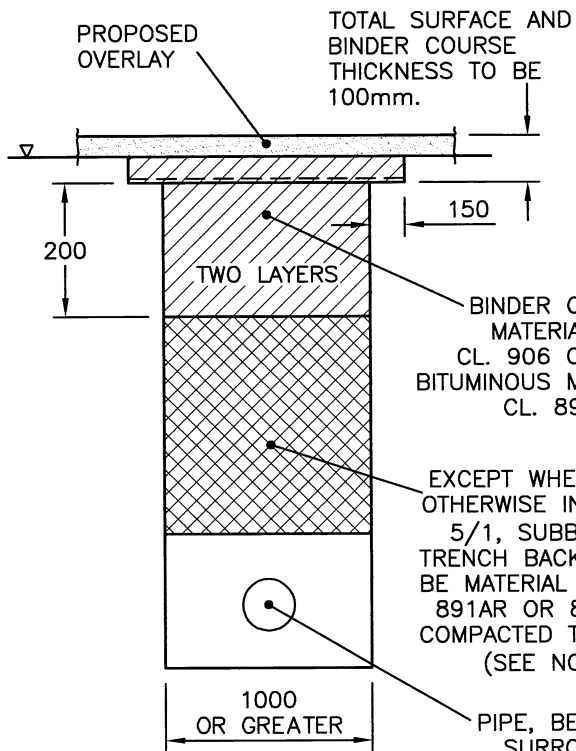
**REINSTATEMENT TYPE D**

WHERE EXISTING SURFACING IS DBM OR SURFACE DRESSED SITES OF 30 MPH

**NOTES:**

- ALL DIMENSIONS ARE IN MILLIMETRES.
- SUBJECT TO THE APPROVAL OF THE OVERSEEING ORGANISATION REINSTATEMENT TYPES A (i) TO D (i) MAY BE USED FOR TRENCH WIDTHS OF 500 TO 1000 IF A TRENCH COMPACTOR IS USED.
- THE REPLACEMENT OF THE ROAD STRUCTURE SHALL BE CARRIED OUT AS SOON AS PRACTICABLE AFTER TRENCH BACKFILLING HAS BEEN COMPLETED.
- THE EDGE OF THE TRENCH SHALL BE CUT TO A UNIFORM LINE CONSISTENT WITH THE WIDTH REQUIRED FOR THE PARTICULAR PIPES OR DUCTS BEING LAID. ANY PART OF THE STRUCTURE OF THE CARRIAGEWAY BEYOND THE WIDTH OF THE TRENCH WHICH HAS BEEN DAMAGED BY THE CONTRACTOR SHALL BE CUT OUT AND MADE GOOD.
- SEE APPENDIX 7/2 FOR DETAILS OF AGGREGATE SIZE, MINIMUM PSV, MAXIMUM AAV, ETC.
- UNLESS OTHERWISE STATED IN APPENDIX 7/2 A STRESS ABSORBING MEMBRANE (GEOGRID) SHALL BE INSTALLED BENEATH THE BINDER COURSE LAYER ACROSS TO FULL WIDTH INCLUDING THE JOINT OVERLAP. THE GRID SHALL HAVE A MINIMUM TENSILE STRENGTH IN BOTH DIRECTIONS OF 100kN/m AND SHALL OVERLAP THE TRENCH EDGES BY 150 MINIMUM. INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- TREATMENT OF LAYERS AND VERTICAL JOINTS SHALL BE IN ACCORDANCE WITH CL 903.
- WHERE WET LEAN CONCRETE 1 IS USED, CRACKS SHALL BE INDUCED AT 3m CENTRES.
- METHYL METHACRYLATE (MMA) OVERBANDING MAY BE USED IF SPECIFIED.
- IF A NEW REINSTATEMENT IS WITHIN 250mm OF AN EXISTING REINSTATEMENT OR A FIXED FEATURE (eg KERBS), THEN THE NEW REINSTATEMENT SHALL BE WIDENED TO JOIN UP.

**TYPE A(i)**



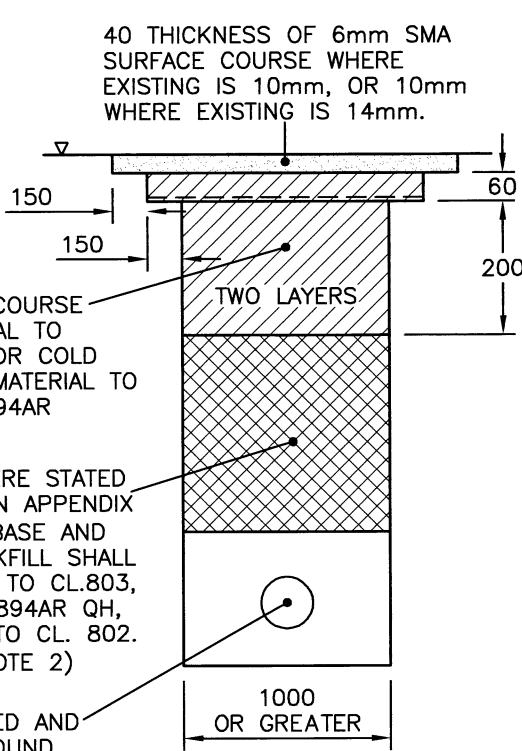
TOTAL SURFACE AND BINDER COURSE THICKNESS TO BE 100mm.

BINDER COURSE MATERIAL TO CL. 906 OR COLD BITUMINOUS MATERIAL TO CL. 894AR

EXCEPT WHERE STATED OTHERWISE IN APPENDIX 5/1, SUBBASE AND TRENCH BACKFILL SHALL BE MATERIAL TO CL.803, 891AR OR 894AR QH, COMPACTED TO CL. 802. (SEE NOTE 2)

PIPE, BED AND SURROUND SCHEDULED IN APPENDIX 5/1.

**TYPE B(i)**



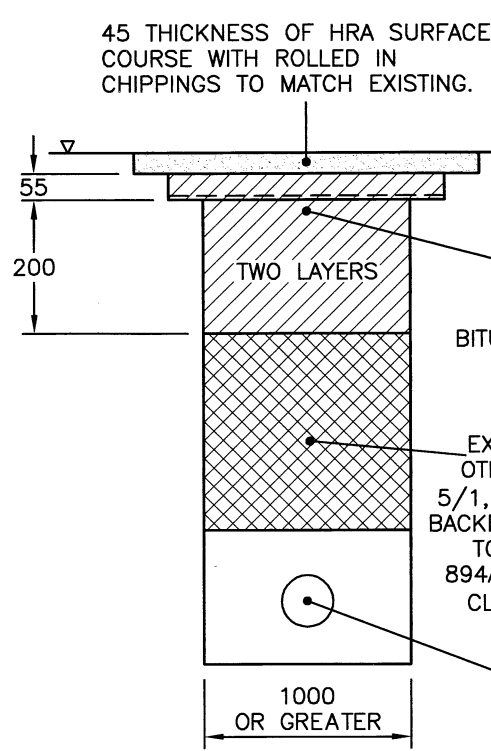
40 THICKNESS OF 6mm SMA SURFACE COURSE WHERE EXISTING IS 10mm, OR 10mm WHERE EXISTING IS 14mm.

BINDER COURSE MATERIAL TO CL. 906 OR COLD BITUMINOUS MATERIAL TO CL. 894AR

EXCEPT WHERE STATED OTHERWISE IN APPENDIX 5/1, SUBBASE AND TRENCH BACKFILL SHALL BE MATERIAL TO CL.803, 891AR OR 894AR QH, COMPACTED TO CL. 802. (SEE NOTE 2)

PIPE, BED AND SURROUND SCHEDULED IN APPENDIX 5/1.

**TYPE C(i)**



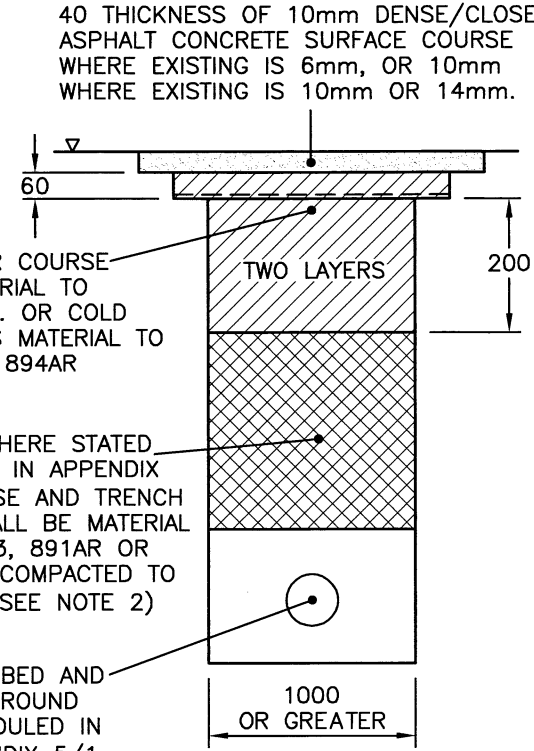
45 THICKNESS OF HRA SURFACE COURSE WITH ROLLED IN CHIPPINGS TO MATCH EXISTING.

BINDER COURSE MATERIAL TO CL. 906. OR COLD BITUMINOUS MATERIAL TO CL. 894AR

EXCEPT WHERE STATED OTHERWISE IN APPENDIX 5/1, SUBBASE AND TRENCH BACKFILL SHALL BE MATERIAL TO CL.803, 891AR OR 894AR QH, COMPACTED TO CL. 802 (SEE NOTE 2)

PIPE, BED AND SURROUND SCHEDULED IN APPENDIX 5/1.

**TYPE D(i)**



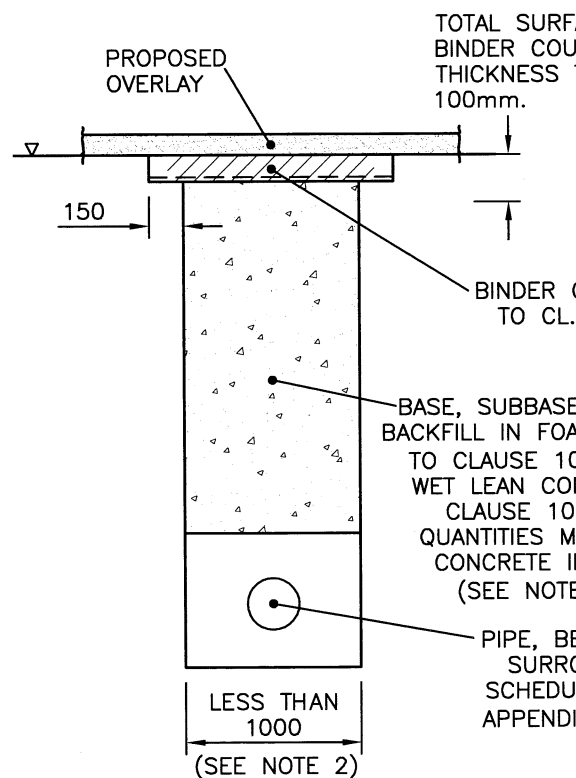
40 THICKNESS OF 10mm DENSE/CLOSE ASPHALT CONCRETE SURFACE COURSE WHERE EXISTING IS 6mm, OR 10mm WHERE EXISTING IS 10mm OR 14mm.

BINDER COURSE MATERIAL TO CL. 906. OR COLD BITUMINOUS MATERIAL TO CL. 894AR

EXCEPT WHERE STATED OTHERWISE IN APPENDIX 5/1, SUBBASE AND TRENCH BACKFILL SHALL BE MATERIAL TO CL.803, 891AR OR 894AR QH, COMPACTED TO CL. 802 (SEE NOTE 2)

PIPE, BED AND SURROUND SCHEDULED IN APPENDIX 5/1.

**TYPE A(ii)**



TOTAL SURFACE AND BINDER COURSE THICKNESS TO BE 100mm.

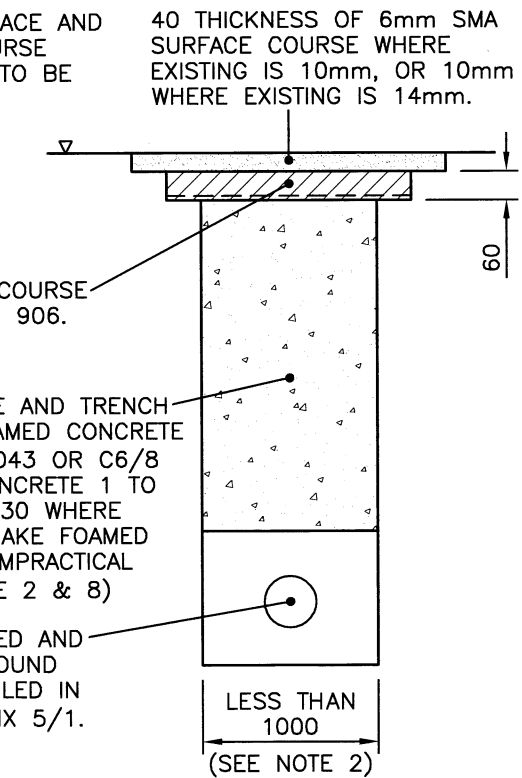
BINDER COURSE TO CL. 906.

BASE, SUBBASE AND TRENCH BACKFILL IN FOAMED CONCRETE TO CLAUSE 1043 OR C6/8 WET LEAN CONCRETE 1 TO CLAUSE 1030 WHERE QUANTITIES MAKE FOAMED CONCRETE IMPRACTICAL (SEE NOTE 2 & 8)

PIPE, BED AND SURROUND SCHEDULED IN APPENDIX 5/1.

LESS THAN 1000 (SEE NOTE 2)

**TYPE B(ii)**



40 THICKNESS OF 6mm SMA SURFACE COURSE WHERE EXISTING IS 10mm, OR 10mm WHERE EXISTING IS 14mm.

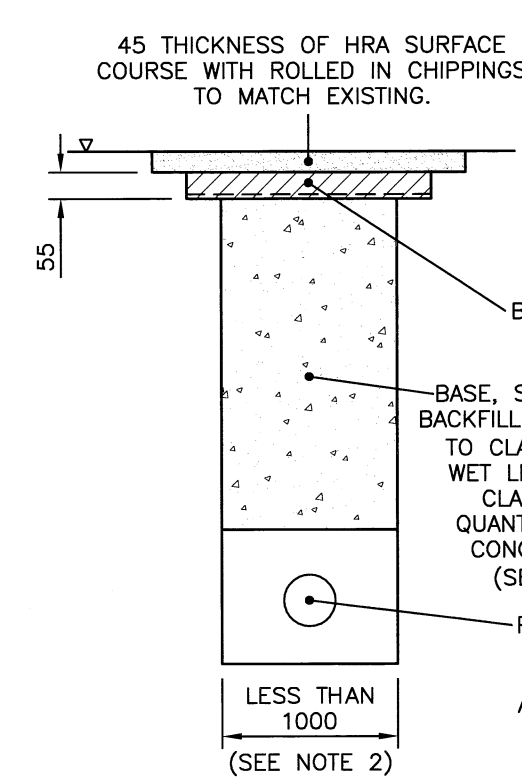
BINDER COURSE TO CL. 906.

BASE, SUBBASE AND TRENCH BACKFILL IN FOAMED CONCRETE TO CLAUSE 1043 OR C6/8 WET LEAN CONCRETE 1 TO CLAUSE 1030 WHERE QUANTITIES MAKE FOAMED CONCRETE IMPRACTICAL (SEE NOTE 2 & 8)

PIPE, BED AND SURROUND SCHEDULED IN APPENDIX 5/1.

LESS THAN 1000 (SEE NOTE 2)

**TYPE C(ii)**



45 THICKNESS OF HRA SURFACE COURSE WITH ROLLED IN CHIPPINGS TO MATCH EXISTING.

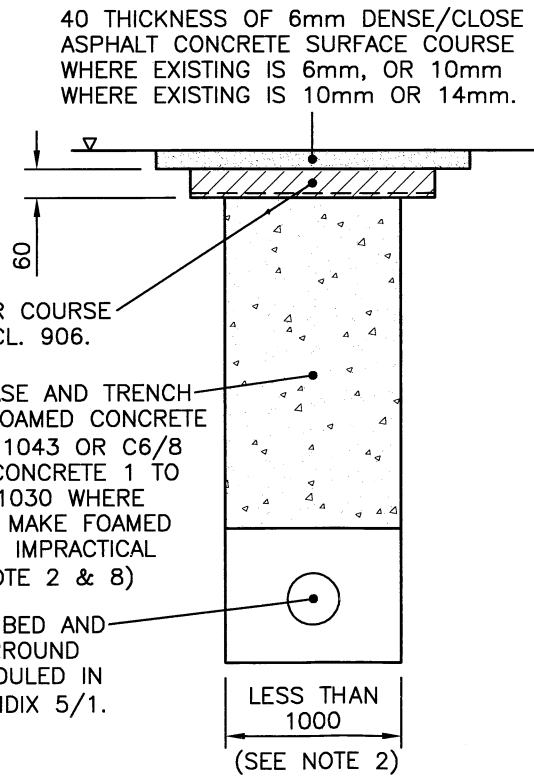
BINDER COURSE TO CL. 906.

BASE, SUBBASE AND TRENCH BACKFILL IN FOAMED CONCRETE TO CLAUSE 1043 OR C6/8 WET LEAN CONCRETE 1 TO CLAUSE 1030 WHERE QUANTITIES MAKE FOAMED CONCRETE IMPRACTICAL (SEE NOTE 2 & 8)

PIPE, BED AND SURROUND SCHEDULED IN APPENDIX 5/1.

LESS THAN 1000 (SEE NOTE 2)

**TYPE D(ii)**



40 THICKNESS OF 6mm DENSE/CLOSE ASPHALT CONCRETE SURFACE COURSE WHERE EXISTING IS 6mm, OR 10mm WHERE EXISTING IS 10mm OR 14mm.

BINDER COURSE TO CL. 906.

BASE, SUBBASE AND TRENCH BACKFILL IN FOAMED CONCRETE TO CLAUSE 1043 OR C6/8 WET LEAN CONCRETE 1 TO CLAUSE 1030 WHERE QUANTITIES MAKE FOAMED CONCRETE IMPRACTICAL (SEE NOTE 2 & 8)

PIPE, BED AND SURROUND SCHEDULED IN APPENDIX 5/1.

LESS THAN 1000 (SEE NOTE 2)

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**LEGEND**

- EXISTING ROAD SURFACE LEVEL
- STRESS ABSORBING MEMBRANE (GEOGRID) REINFORCEMENT (SEE NOTE 6)

A	CLAUSE NUMBERS REVISED IN SECTIONS	MAY 16	RB	WW	MC
REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

**Hampshire County Council Engineering CONSULTANCY**

STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

SCHEME

**STANDARD DETAILS**

DRAWING TITLE

**REINSTATEMENT OF DRAIN AND DUCT TRENCHES IN EXISTING CARRIAGEWAYS**

DRAWN	MC	CHECKED	WW, WW	SCALE @ A3	N.T.S
CAD	MC	APPROVED	CP, CP	DATE	July 2015
DRG No.	HCC10/C/090			REVISION	A