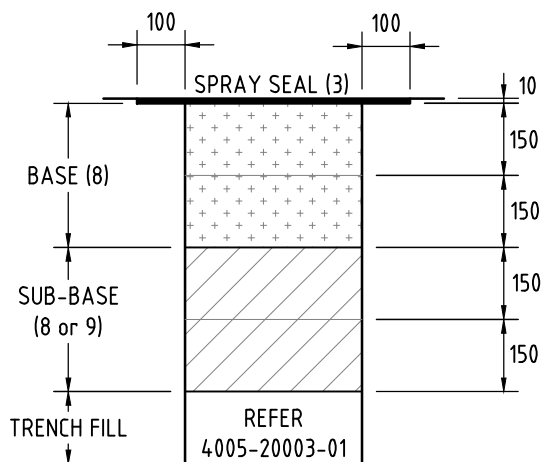


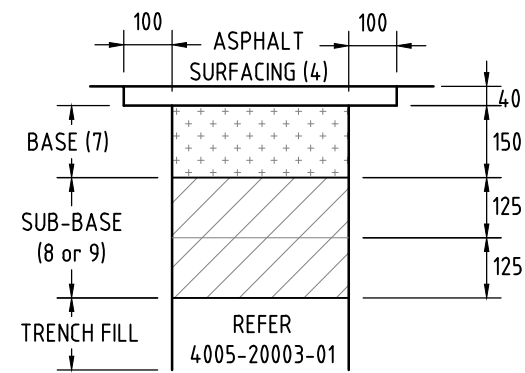
SPRAY SEAL SURFACE
LOW TRAFFIC ROADS WITH AADT (TWO WAY) <10,000 VPD

FIGURE 1



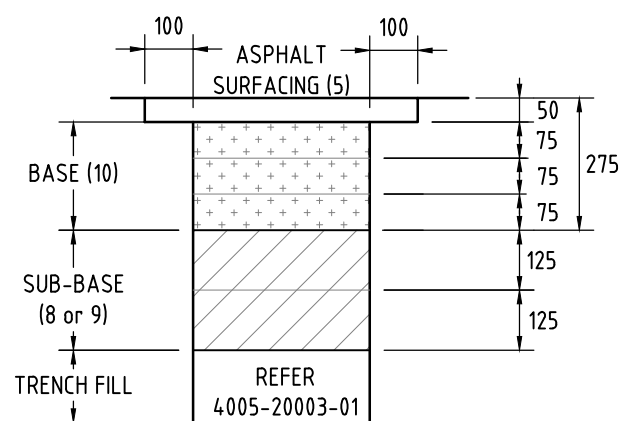
SPRAY SEAL SURFACE
HEAVY TRAFFIC ROADS WITH AADT
(TWO WAY) >10,000 VPD

FIGURE 2



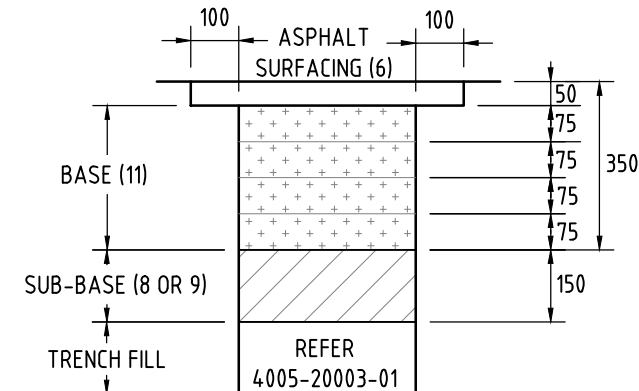
ASPHALT SURFACE
LOW TRAFFIC ROADS WITH AADT (TWO WAY) <2,000 VPD

FIGURE 3



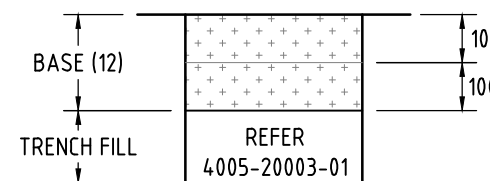
ASPHALT SURFACE
HEAVY TRAFFIC ROADS WITH AADT
(TWO WAY) >2,000 VPD BUT <20,000 VPD

FIGURE 4



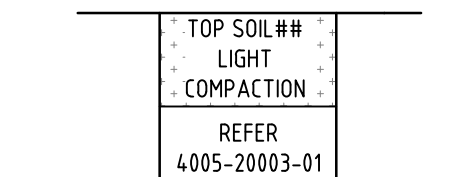
ASPHALT SURFACE
VERY HEAVY (COMMERCIAL) TRAFFIC ROADS
WITH AADT (TWO WAY) >20,000 VPD

FIGURE 5



UNSEALED ROAD PAVEMENTS AND SHOULDERS

FIGURE 6



TOP SOIL##
LIGHT
COMPACTION
REFER
4005-20003-01
OR REINSTATE BRICK PAVING ,BITUMEN
FOOTPATH, ETC TO MATCH EXISTING


VERGES
ALL TRAFFIC DENSITIES

FIGURE 7

NOTES:

- THIS DRAWING IS TO BE USED FOR ALL PIPE INSTALLATIONS AND REPAIRS WITHIN EXISTING COUNCIL AND DPTI ROAD RESERVES. FOR INSTALLATION IN NEW SUBDIVISIONS PRIOR TO ROAD CONSTRUCTION THE ROAD PAVEMENT WILL BE SPECIFIED BY THE DESIGNER.
- THE EXISTING ASPHALTIC CONCRETE PAVEMENT SHALL BE SAW CUT AND REMOVED FOR ITS FULL DEPTH AND NOT LESS THAN 100 mm WIDER EACH SIDE THAN THE EXCAVATED TRENCH WIDTH. ALL SURFACES SHALL BE CLEANED OFF AND EMULSION PRIMED PRIOR TO REINSTATEMENT. ALL ASPHALTIC CONCRETE SHALL BE OBTAINED FROM A DPTI AUTHORISED SUPPLIER.
- SPRAY SEAL SPRAYED BITUMINOUS SURFACE SEAL TO MATCH THE EXISTING AND TO BE PLACED ON PRIMER SEAL AS PER CLAUSE 4.4 OF "CRC". THE SPRAY SEAL SHALL EXTEND 100 mm EITHER SIDE OF THE EXCAVATED TRENCH AND THE OUTER EDGE SHALL BE SAW CUT.
- ASPHALT SURFACING AC10 ASPHALTIC CONCRETE WEARING COURSE (LIGHT DUTY MIX) ON TACK COAT (EG CRS60) APPLIED AT 1.0 l/m².
- ASPHALT SURFACING AC10 ASPHALTIC CONCRETE WEARING COURSE (MEDIUM DUTY MIX) ON TACK COAT (EG CRS60) APPLIED AT 0.2 TO 0.3 l/m².
- ASPHALT SURFACING AC10 ASPHALTIC CONCRETE WEARING COURSE (MEDIUM DUTY MIX WITH A35P BITUMEN) ON TACK COAT (EG CRS60) APPLIED AT 0.2 TO 0.3 l/m².
- PM1/20 = 20 mm CLASS 1 QUARRIED PAVEMENT MATERIAL (PM1/20QG).
- PM1/20 = 20 mm CLASS 1 QUARRIED PAVEMENT MATERIAL (PM1/20QG), OR 20 mm CLASS 1 RECYCLED PAVEMENT MATERIAL (PM1/20 RG). - PLACED IN 2 EQUAL LAYERS TO 98% MODIFIED COMPACTION.

- PM2/20 = 20 mm CLASS 2 QUARRIED PAVEMENT MATERIAL (PM2/20 QG) OR 20 mm CLASS 2 RECYCLED PAVEMENT MATERIAL (PM2/20 RG). - PLACED IN 2 EQUAL LAYERS TO 98% MODIFIED COMPACTION.
- AC14M - PLACED IN 3 EQUAL LAYERS ON EMULSION PRIME (EG CRS60) APPLIED AT 1.0 l/m².
- AC14M - PLACED IN 4 EQUAL LAYERS ON EMULSION PRIME (EG CRS60) APPLIED AT 1.0 l/m².
- PM2/20 = 20 mm CLASS 2 QUARRIED PAVEMENT MATERIAL (PM2/20 QG) OR 20 mm CLASS 2 RECYCLED PAVEMENT MATERIAL (PM2/20 RG). - PLACED IN 2 EQUAL LAYERS TO 95% MODIFIED COMPACTION.
- OG14 - WEARING COURSE (MEDIUM DENSITY MIX) ON 10 mm C170 SPRAY AT 1.8 l/m² - WHERE AN EXISTING OPEN GRADE SURFACING LAYER IS TO BE REPLACED, THE LAYER THICKNESS SHALL MATCH EXISTING AT BOTH TOP OF EXISTING SURFACE AND SPRAY SEAL WITH BOTTOM SAME.
- FOR ASPHALT LAYERS, A TACK COAT SHALL BE EVENLY APPLIED TO THE BASE AND SIDES OF THE EXCAVATION. A TACK COAT IS NOT REQUIRED BETWEEN INDIVIDUAL ASPHALT LAYERS IF A HOT BOND IS ACHIEVED.
- WHERE THERE IS AN EXISTING OPEN GRADE SURFACING LAYER GREATER THAN 5 YEARS OLD OR IT IS NO LONGER DRAINING, A DENSE MIX SHALL BE USED IN LIEU OF OPEN GRADED.
- ABBREVIATIONS: AADT = AVERAGE ANNUAL DAILY TRAFFIC; VPD = VEHICLES PER DAY; MMDD = MODIFIED MAXIMUM DRY DENSITY (AS 1289.5.2.1).

REVISION PANEL					DESIGN PANEL			SA WATER STANDARD DRAWINGS			A3		2	
REV	DATE	DRN	DETAILS	APR	CURRENT REV 26/04/16	DESIGNED: 03/08/15	AUTHORISED: 30/03/16	 This drawing is the property of the SOUTH AUSTRALIAN WATER CORPORATION and shall not be copied or modified in part or in whole without authorization.			SHT SIZE		REVISION	
						RJP	T.GALEK				TOTAL SHEETS:			
						DRAWN: 25/09/15	SIGNATURE:				SUPERSEDES: 02-0157-01 (G3)			
						MS	ORIGINAL SIGNED				DRAWING NUMBER			
2	26/04/16	MS	NOTES CHANGED	MA		REVIEWED: 21/03/16		SA WATER STANDARD DRAWINGS SEWER CONSTRUCTION MANUAL REINSTATEMENT OF ROAD PAVEMENTS, HARD SHOULDERS AND VERGES IN ROAD RESERVES			4005-20003-03			
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		TG					PREFIX			
											NUMBER			
											SHEET			