STANDARD PAVEMENT SUBSURFACE DRAINAGE DETAILS

VOLUME 4 - ASPHALT OVER BOUND SUBBASE PAVEMENT DETAILS

related drawings:
VOLUME 1 - DESIGN AND LOCATION
VOLUME 2 - GRANULAR PAVEMENT WITH BITUMINOUS SURFACING DETAILS
VOLUME 3 - FULL DEPTH ASPHALT PAVEMENT DETAILS
VOLUME 5 - RIGID PAVEMENT DETAILS
VOLUME 6 - SUPPLEMENTARY MODEL DRAWINGS
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* DENOTES PRINCIPAL ROAD PAVEMENT AND GEOTECHNICAL ENGINEER
NOTES

DESIGN:
1. Layer thicknesses determined by pavement design.
2. Pavement subsurface drains to be designed in accordance with these drawings and RMS specifications.
3. Selected material (R44).

DRAINAGE LAYER:
1. Drainage layer to be provided in rock cuttings and wet soil cuttings (R44).
2. Where drainage layer provided in wet soil cuttings the subgrade may require stabilisation to reduce its moisture susceptibility.

BOUND SUBBASE:
1. Subbase layer may be stabilised granular material, lean mix concrete or roller compacted concrete.

ASPHALT OVER BOUND SUBBASE
PAVEMENT STRUCTURE

DETAIL PTC
NOT TO SCALE
NOTES

1. PLACE OGAC WEARING COURSE ABOVE THE LIP OF KERB OR FINISHED SURFACE LEVEL OF THE ADJACENT SHOULDER OR VERGE.
2. WHERE OGAC AWN'T OTHER TYPE OF WEARING COURSE AT TRANSVERSE PAVEMENT JOINTS, ENSURE OGAC IS ON THE LOW SIDE TO PREVENT PONDING AGAINST THE ADJACENT WEARING COURSE.
3. DETAILS OF WORK OTHER THAN SUBSURFACE DRAINAGE ARE DEPICTED AS TYPICAL SITUATION ONLY AND ARE NOT APPROPRIATE FOR ALL PROJECTS.
4. TRENCH DRAIN DETAILS TO BE DESIGNED IN ACCORDANCE WITH TABLE 1 VOLUME 1.
5. ALL DIMENSIONS IN MILLIMETRES UNLESS SHOWN OTHERWISE.
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TRENCH DRAIN UNDER LOW 'SO' KERB NO DRAINAGE LAYER

DETAIL A13-C

TRENCH DRAIN UNDER HIGH 'SA' KERB NO DRAINAGE LAYER

DETAIL A14-C

NOT TO SCALE