

Description of the Roads

Carmichael Road (1.6 kilometres long, 7.3 metres wide) and Highway 3 Hothersal (1.7 kilometres long, 6.8 metres wide) are two of the roads to be rehabilitated using funding of the Inter-American Development Bank under the Road rehabilitation and improving Connectivity of Road Infrastructure programme.

Carmichael Road is in the fertile St. George Valley and therefore has a variable expansive clay and rock sub-base.

Carmichael road (Road 4) is a Class 3 road and is located in Zone 3 groundwater protection zone. However, at one point the road is just 300 metres off the Zone 1 boundary.



Highway 3 Hothersal is situated primarily in a residential area but near to the Belle groundwater protection zone.



Rehabilitation involved the following operations:

- Removal of the existing road surface.
- Excavation of the roadway to sound bearing strata. Excavation outside the existing road edge may be required in some instances in order to achieve the desired road widths.
- Relocation of underground and overhead utility services as is necessary.
- Filling and compaction of the roadway to the desired levels and specified compaction.
- Installation (construction) of new concrete roadside drains and earth ditches to facilitate adequate drainage.
- Paving of the road surface with bituminous hot mixed asphalt to the specified thicknesses.

Salters Tenantry Road is a minor road linking Highway 4 with Monroe Road, a residential and agricultural area. The road is approximately 5metres wide and 650 metres in width.

