

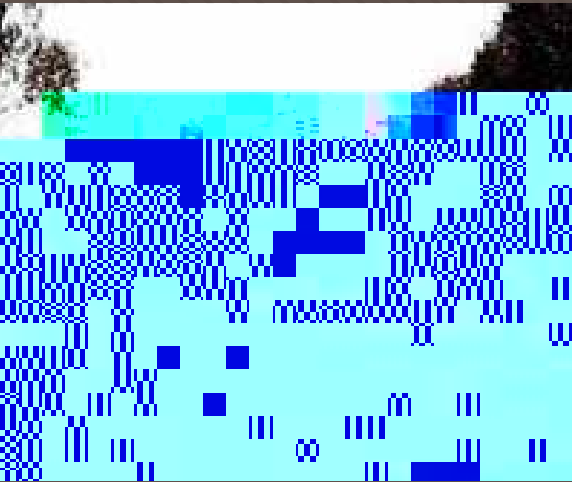
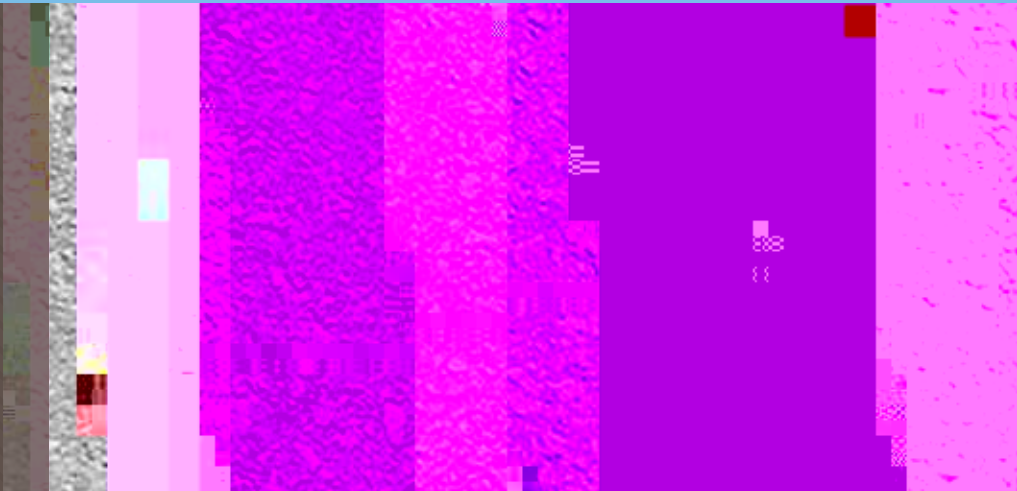
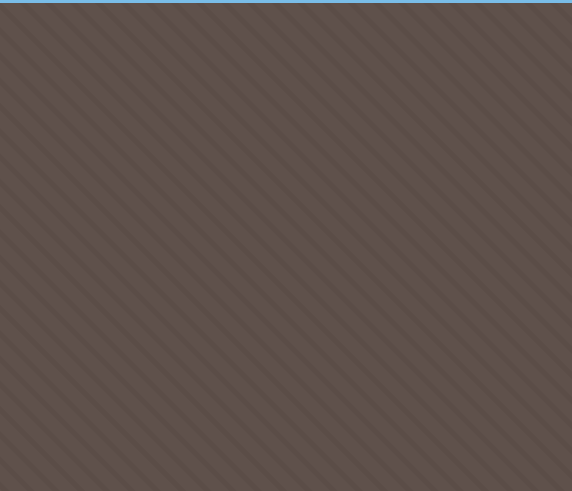
CASE STUDY

GATT P



MILLS ROAD, C, Y

A, B, D, , 1999 - 2009



Client / Contractor / Team

Project: GATT Pavement Surface

Client: City of Greater Bendigo

Location: Mills Road,
Shanahan Road to Girgis Lane

Contractor:
Boral Asphalt

Objective

To provide a cost-effective alternative to regular road maintenance of an unsealed granular road, especially where inordinately high maintenance costs apply.

The solution must have ecological and environmental benefits and reduce the inconvenience caused by dust, corrugations, loose aggregate, splash and lack of amenity associated with gravel roads.

Project Scope

Mills Road is an unsealed road adjacent to farmland in part of the region. It carries approximately 100 vehicles a day of which, less than 10% are commercial, and has historically had a short main drainage cycle of arrears corrugations, dust and erosion attributable to the primary dirt, arid conditions in the area.

The depth of pavement is variable along the road and at least the upper 100mm of its base consists of local gravel, in road condition resheeting operations. The strength of the pavement in equilibrium moisture conditions has adequate strength and failure had occurred due to decompaction and erosion.

Although the age of the road is unknown, it is likely to have provided a worthwhile service for at least 50 years. The terrain affords adequate drainage and the road is mainly banked and grassed verges in the section considered for re-amenity.

CASE STUDY

GATT P

MILLS ROAD, CITY OF VICTORIA, 1999 - 2009

Background

Consistent efforts to remove potholes and reduce dust on Mills Road had cost the Council a disproportionate large part of its main revenue dollar in previous years. Unprecedented drought conditions were experienced in Victoria during this period.

