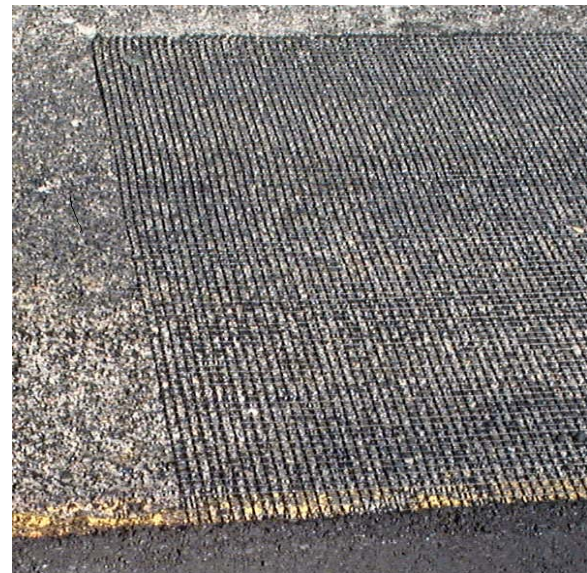


# CHECKMATE PROJECT PROFILE



## SOUTH SUMAS ROAD CITY OF CHILLIWACK

### Challenges:

Areas of Chilliwack have deep unreinforced vertical drainage ditches along roadways. This in conjunction with soft and improperly prepared subgrad, results in roads which are subject to extensive rutting and cracking under normal traffic conditions. Maintenance and upgrades of these roads is costly.

### Product:

RG2010 is a Biaxial GeoGrid which is specially treated to withstand high temperatures and is to be placed between overlays of asphalt. The individual yarns of the geogrids are impregnated with bitumen to achieve a high bonding with the asphalt.

### Solution:

Checkmate RG2010 prevents reflective cracking (when cracks in the original lift of asphalt projects upward into the more recent overly), and prevents rutting by providing structural supports in the asphalt overlay. By using RG2010, the overall thickness of the asphalt overly can be reduced with no adverse impact on the structural integrity of the road, resulting in savings to the owner and a longer service life of the road way.



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**PROJECT: SOUTH SUMAS ROAD**  
**OWNER: CITY OF CHILLIWACK BC**  
**PRODUCT: RG2010**  
**CONTRACTOR: MARTENS ASPHALT LTD**