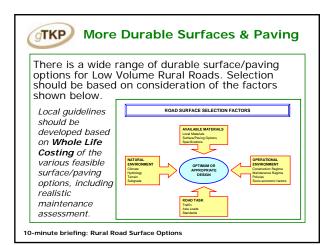


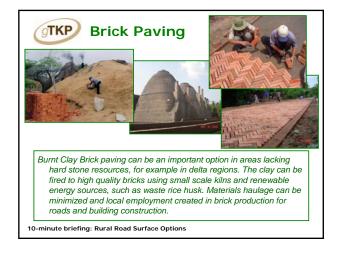


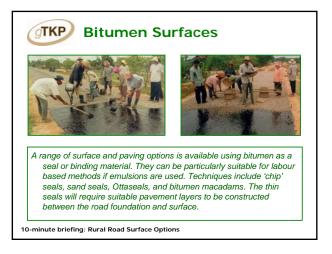
Gravel Surface should not be used where: Gravel quality is poor (it should meet local durability, grading and plasticity specifications/recommendations) Gravel deposits are limited/environmentally sensitive Haul distances are long (suggest cost analysis for haulage >10km) Rainfall is very high (>2m/year), or dry season dust problems Traffic levels are high (more than 200 motor vehicles/day) Longitudinal Gradients > 6% (>4% if rainfall >1 metre/year) Sub-grade is weak or soaked (flood risk) Compaction & thickness cannot be assured (bad quality control) Camber and side Drainage are not provided, or Adequate maintenance is not provided (on say >50% of network)

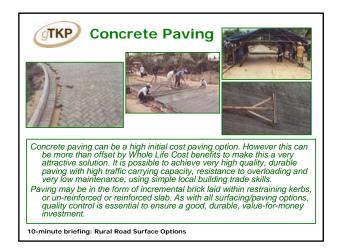
10-minute briefing: Rural Road Surface Options











The following important dissemination forums are supporting Low Traffic Volume Rural Roads (LVRR) knowledge:
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global Transport Knowledge Partnership: www.gtkp.com
SEACAP Southeast Asia Community Access Programme: www.seacap-info.org
AFCAP Africa Community Access Programme <u>jeff.turner@afcap.org</u> & <u>rgeddes@africaonline.co.zw</u>
Further information on LVRR may be obtained from the above websites and the gTKP Rural Transport Theme Champion: <u>rob.petts@gtkp.com</u>
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10-minute briefing: Rural Road Surface Options