



1. Lack of proper drainage behind the retaining wall has caused early failure of the retaining wall



2. High flexural and shear stresses transmitted to the pier caused bridge failure



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4. Submergence of road bed located close to the river



5. Failure of road elements due to subsequent rise in groundwater, toe-cutting, and undermining of the foundation of the retaining wall



6. Effect of improperly designed river training work for mountain roads following the river

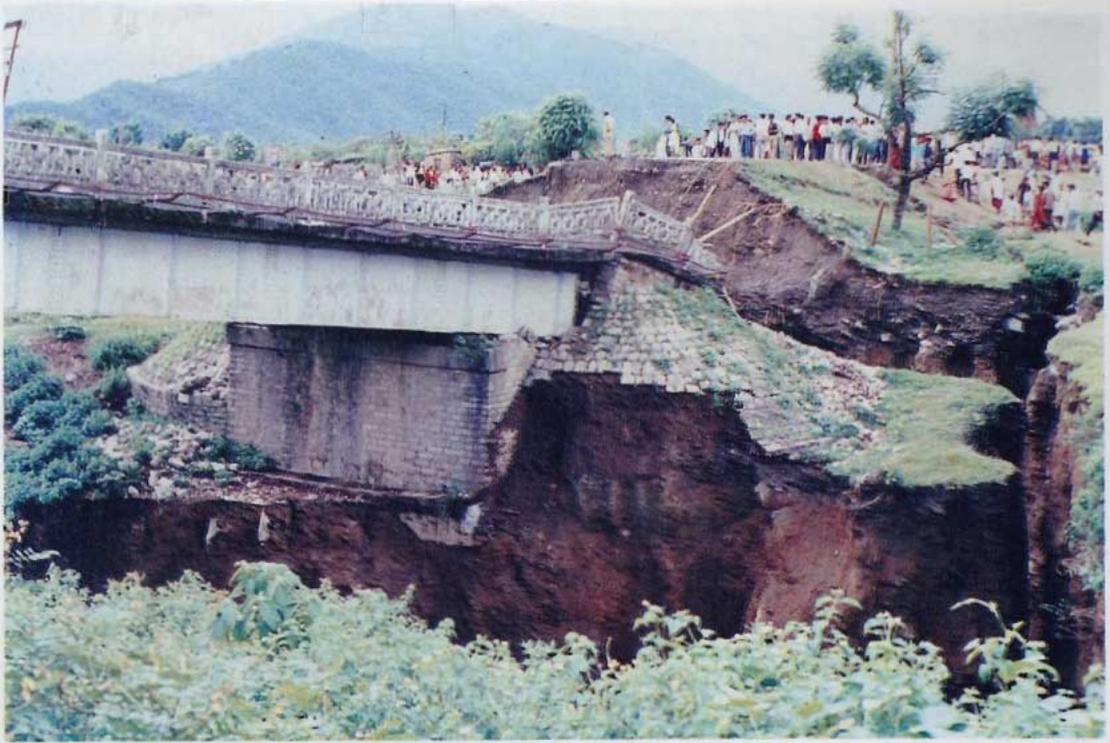
10. Erosion Off the Lamotang-Juh Road, 1987



7. Bijayapur Bridge Failure, 1979 (Kathmandu-Pokhara Road)



8. Arniko Highway, 1987



9. Failure of Seti Bridge near Pokhara, September 1991



10. Erosion: Off the Lamosangu-Jiri Road, 1987



11. Panoromic view of low cost road



12. Slope vegetation



13. Dry wall construction

17. Provision of footpaths from the Malabar Junction, Arwal Railway



14. Traffic on low cost road



15. Scars from careless construction of village road at Lamatar, Lalitpur

सुदूरपश्चिम प्रदेश

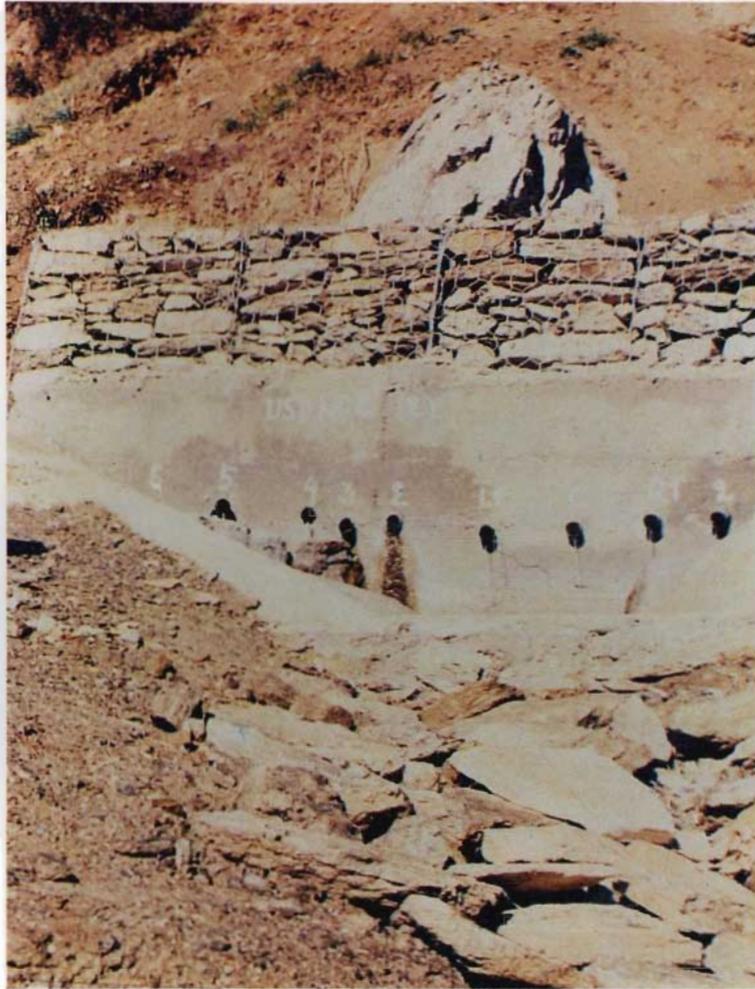
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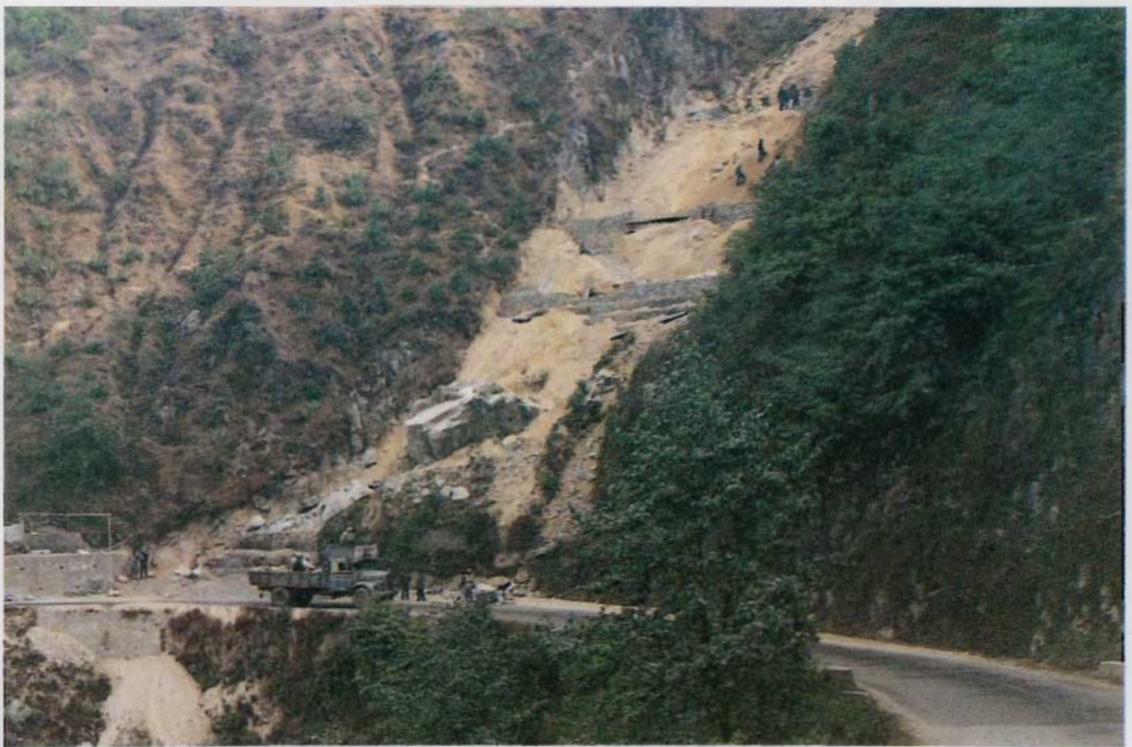
16. Heavy toe protection against undercutting, Thankot-Naubise Road

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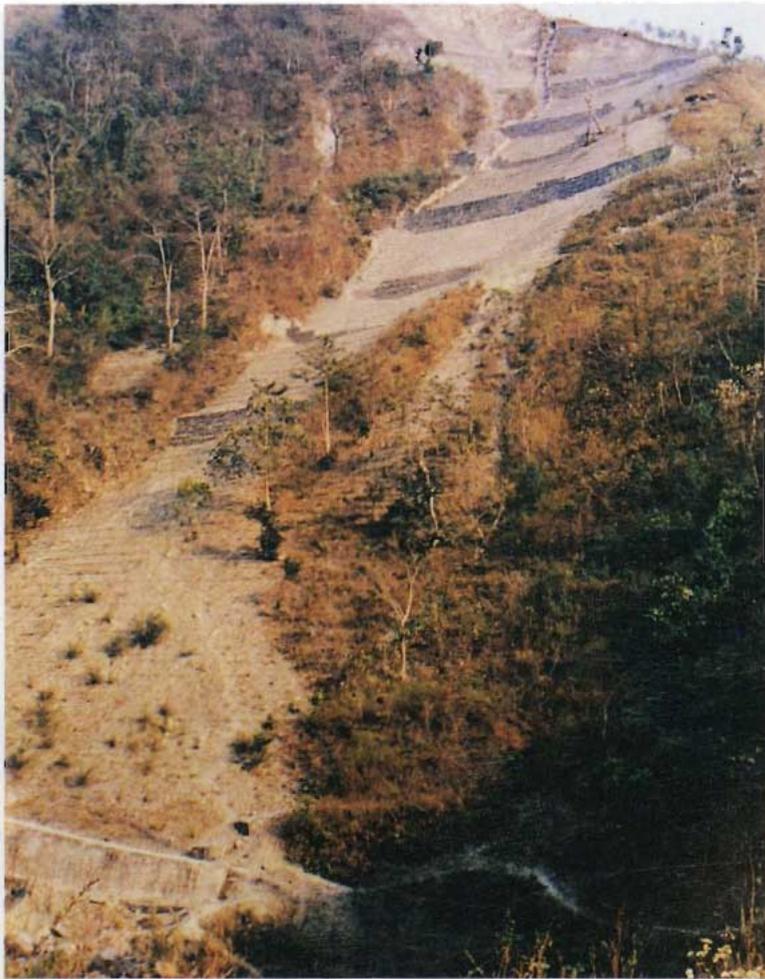
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17. Provision of horizontal drain to stabilise landslide, Arniko Rajmarg



18. Series of checkdams to avoid erosion, Thankot-Naubise Road



19. Heavy erosion protection work at the outfall of a drain, Dharan-Dhankuta Road



20. Improper river training work, road supporting structure without adequate foundation, Arniko Rajmarg



21. Proper river training work after improvements to work in Plate 20



22. Improper river training work, road supporting structure without adequate foundation, Arniko Rajmarg



23. Construction of bridge in favourable conditions, to avoid massive river training work, improvements to Plate 22



24. Prevention of erosion of thick colluvium from bed and banks