Storm Damage Repairs
Stagecoach Road
Performance Measurement
County of Santa Barbara Ca.
Heavy Rains of Dec 2002 Trigger Area Already Prone to Rockfall

Area Damaged During Storm Events of 2001.

- Steep Slope, Thin Soil Covering, Highly Fractured Rock, Infiltrating Water
- Materials to Fall onto Travel way
- Perched Material Poses Risk of Additional Failure
- Frequent Boulders entering Travel way
Project Team
Scott McGolpin P.E. Deputy Director
Dace Morgan P.E. Design Engineer
Eric Pearson P.E. Construction Engineer
Bill Tracy C.E.G. Engineering Geologist
Chris Doolittle E.I.T. Eng. Technician
Stagecoach Road Project
Interagency Cooperation

Public Works Department
- Transportation Division
  - Maintenance
  - Engineering
  - Traffic
  - Construction

Government Agencies
- Louis Capps Congresswoman
- USFS-S.B. Ranger District
- Caltrans District 5 Maintenance
  Design

Contractor
- AIS Construction, Inc.
- Andy Schaffer, Owner
Stagecoach Road Project
Project Cost and Funding
Source: ½ cent fuel sales tax

**Construction Cost**

- Original Construction Contract: $145,665
- Contract Change Order Estimated Cost: $162,403
Drilling Second Anchors

Drilled into sandstone cemented with lime. Two breaking strengths tests averaged 8,465 psi.
A sandstone sample averaged 5,820 psi.
Drilling Second set of anchors
New Slide, February 24, 2004, 500 cy
Only damage to cable mesh was slight horizontal separation of the panel, requiring re-lacing with wire (County Forces)