

ROAD FAILURE LOCATION MAP  
PLATE 6  
UPPER CANYON CREEK  
DRAINAGE BASIN

LEGEND



ROAD FAILURES

Evidence of roadbed failure is manifest as slumps, cracks, offset and a collection of potholes on the road surface. Slides and gully formation occur infrequently in the exposed roadfill. The effect of gully formation can be severe where water is channelled onto gravel roadbeds.

Failure slivers parallel to the road and extending less than one meter into the roadway are common along many segments of paved road. This type of failure is the result of a poorly engineered roadfill prism.

The more serious roadfill failure problems are expressed as concave fractures and slumps extending into and across the road surface. These suggest instability within the roadfill, or underlying subgrade, which will eventually result in the loss of the affected road segment.

The most serious indications of imminent failure are fractures with actual displacement which extend entirely across the roadway and into the hillside. In these cases, the road has been built across an unstable block, resulting in the displacement of the road as part of a larger failure.

