

Glossary

Anchoring	fix structure with anchors
Berm	a horizontal step provided in cut and embankment slopes
Bio-engineering	use of living plants to fulfill engineering purpose
Bi-annual inspection	inspection carried out twice in a year i.e. before and after monsoon
Countermeasure	measure applicable to control the failure
Consequence	a result of disaster
Collapse	slope failure in loose, porous soil, and rocks
Crib wall	wall constructed with elements from precast reinforced concrete/timber/steel
Disaster	a sudden slope failure resulting road closure
Debris flow	rapid flow of boulder, gravel, sand, silt, and clay mixed with a large quantity of water
Embankment failure	slump or collapse in road embankment
Emergency inspection	inspection carried out when there is disaster
Fragile	easily broken or damaged
Frame work	structural frame as a part of wall construction
Ground anchor	anchors used in soil and rock mass
Hazard	the probability of disaster
Horizontal drill drain	drilled drain to lower groundwater table
Inspection	assessment of slopes
Landslide	mass - sliding movement of highly weathered rocks, debris and soil along a slip surface
Mitigation	making less severe
Pile work	vertical members inserted into landslide to resist the sliding force
Regular inspection	inspection carried out regularly
Risk	danger or threat to road and structures
Rock fall	free fall or rolling down of loose rocks/boulders
Rock mass failure	sliding of rock mass (wedge/plane slide)
Rock bolt	anchors used to tie the rock mass
Sub-surface drains	drains used for draining shallow groundwater
Shotcrete work	mechanized spraying of cement mortar or concrete
Stone pitching	armoring slope surface with stones or concrete blocks
Soil nail	slender steel rods inserted into the soil layers