

Inspection Date: 3/24/2014

Probability of Landslide Occurrence	Moderate (2)
Probability of Significant Impact	High (3)
Tier Determination Score	6
Tier	Tier 3
Remediation	Non-remediated
Emergency Determination	
Emergency Declaration Number	
Emergency Declaration Date	
Detailed Rating Score	87
Horizontal Position	Right
Vertical Position	Below
Hazard Area BMP	18.52
Hazard Area BMP Elevation (ft)	
Hazard Area EMP	18.57
Hazard Area EMP Elevation (ft)	
Hazard Area Length (ft)	232
Hazard Area Width (ft)	92
Estimated Slope Height (Toe to Shoulder Distance) (ft)	39
Depth of Sliding Surface (ft)	8
Average Slope Angle	
Groundwater Present	
Surface Water Present	
Hydraulic Maintenance Issues	
Type of Movement	Slide, Rotational
Unknown Rate of Movement	Yes
Rate of Movement (in/year)	0
Cause of Landslide	Loading, Failure of drainage, Artificial vibrations, Rainfall, Snowmelt, Inadequate long term strength, Other, Ditch likely holding water leading to ground saturation and instability. Precipitation, Weathering of materials, Other, Weak nature of soils / rock Movement is likely the result of weak soils, precipitation, and perhaps poor drainage, as ditch appears to be flat or dipped, and standing water is noted during this inspection. Also heavy truck traffic likely contributing to degradation over time. There is a corresponding upslope slip across the road from this site, though that

is mostly a debris slide / rockfall, as large blocks of sandstone and soil have moved as a result of weak underlying shales and adverse jointing. This debris fall / slide is considered a rockfall issue, and has no evidence of affecting the road as slip movement. (3-25-14).

Current and Potential
Impact Beyond Right
of Way

Dip **Yes**

Vertical Displacement
of Dip (in) **0.00**

Crack **Yes**

Vertical Displacement
of Crack (in) **0.00**

Horizontal
Displacement of Crack
(in) **0.00**

Earth Debris on
Roadway

Estimated Volume of
Earth Debris on
Roadway (cu yd)

Adjacent
Transportation

Adjacent Utilities

Adjacent Buildings

Adjacent Developed **No**

Adjacent Undeveloped **Yes**

Adjacent Agricultural **No**

ASD - Actual Sight
Distance (ft) **856**

PDSD - Percentage
Decision Sight
Distance **0**

Accident Due to
Geohazard **Yes**

Degree of Change **Yes**

Inspection Comments **Require observation with perio**

Inspection Date **3/24/2014**

Remediation
Effectiveness

Remediation Measure

Movement **0**

Location/Impact Score

Hazard to Traveling **0**

Public Score

Landslide History **3**

Score

PDSD Score **0**

AADT Score **81**

Accident Due to Geohazard Score	3
created_user	COLLECTOR@P31_AG
created_date	12/2/2020
last_edited_user	COLLECTOR@P31_AG
last_edited_date	9/9/2021
sys_updated_date	5/28/2026