

Inspection Date: 2/7/2022

Probability of Landslide Occurrence	High (3)
Probability of Significant Impact	High (3)
Tier Determination Score	9
Tier	Tier 3
Remediation	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)	643
Hazard Area EMP	18.57
Hazard Area EMP Elevation (ft)	644
Hazard Area Length (ft)	85
Hazard Area Width (ft)	92
Estimated Slope Height (Toe to Shoulder Distance) (ft)	46
Depth of Sliding Surface (ft)	8
Average Slope Angle	49
Groundwater Present	No
Surface Water Present	No
Hydraulic Maintenance Issues	No
Type of Movement	Slide - Complex
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.Weathering of materials,Precipitation,Other,Weak nature of soils / rockMovement 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). \ Lo- Drill place on slope, on

	roadway side of guardrail near BMP (4-25-16) Road has been recently patched, no changes to crack/dip measurments...slight reduction actually (11-20-19) Scarp across roadway on rockslope.
Current and Potential Impact Beyond Right of Way	On Slope with Low Potential Impact Area Beyond Right of Way
Dip	Yes
Vertical Displacement of Dip (in)	2.00
Crack	Yes
Vertical Displacement of Crack (in)	1.50
Horizontal Displacement of Crack (in)	1.50
Earth Debris on Roadway	No
Estimated Volume of Earth Debris on Roadway (cu yd)	
Adjacent Transportation	Medium
Adjacent Utilities	Medium
Adjacent Buildings	Low
Adjacent Developed	No
Adjacent Undeveloped	Yes
Adjacent Agricultural	No
ASD - Actual Sight Distance (ft)	281
PDSO - Percentage Decision Sight Distance	0
Accident Due to Geohazard	No
Degree of Change	Yes
Inspection Comments	Considerable change and damage to shoulder exposing drilled piling. Movement up to edge of pavement. Patching in roadway. Site split due to remediation.
Inspection Date	2/7/2022
Remediation Effectiveness	No
Remediation Measure	Drilled Piling
Movement Location/Impact Score	0
Hazard to Traveling Public Score	0
Landslide History Score	3
PDSO Score	0
AADT Score	81
Accident Due to Geohazard Score	3
created_user	ashelter
created_date	2/7/2022
last_edited_user	ashelter

last_edited_date	2/8/2022
sys_updated_date	7/1/2026
IMPACT_ON_ASSET	On Roadway, or on Slope with a High Potential to Affect Traffic Lane or Structure