

Inspection Date: 2/8/2022

Probability of Landslide Occurrence	Moderate (2)
Probability of Significant Impact	Moderate (2)
Tier Determination Score	4
Tier	Tier 2
Remediation	Non-remediated
Emergency Determination	
Emergency Declaration Number	
Emergency Declaration Date	
Detailed Rating Score	167
Horizontal Position	Right
Vertical Position	Below
Hazard Area BMP	18.70
Hazard Area BMP Elevation (ft)	
Hazard Area EMP	18.72
Hazard Area EMP Elevation (ft)	
Hazard Area Length (ft)	102
Hazard Area Width (ft)	152
Estimated Slope Height (Toe to Shoulder Distance) (ft)	48
Depth of Sliding Surface (ft)	14
Average Slope Angle	24
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,Defective maintenance,Artificial vibrations,Construction related,Rainfall,Snowmelt,Toe erosion,Inadequate long term strength,Degradation of construction material,Erosion,Precipitation,Weathering of materials,Change of Water Level,Movement is likely the result of weak soils with some possible groundwater contribution, loading from truck traffic, and failure of the H-piling retaining structure. (3-25-14). No drill being added to site, extending just past EMP of this site, and into next site.
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)	0.20
Earth Debris on Roadway	No
Estimated Volume of Earth Debris on Roadway (cu yd)	
Adjacent Transportation	Medium
Adjacent Utilities	Low
Adjacent Buildings	Low
Adjacent Developed	No
Adjacent Undeveloped	Yes
Adjacent Agricultural	No
ASD - Actual Sight Distance (ft)	349
PDSD - Percentage Decision Sight Distance	101
Accident Due to Geohazard	No
Degree of Change	Yes
Inspection Comments	Tier downgraded due to presence of buried shaft retaining wall. Some indication of continued movement. Dip in guardrail. (2/8/22)
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Remediation Effectiveness	To Be Determined
Remediation Measure	Retaining Wall
Movement	0
Location/Impact Score	
Hazard to Traveling Public Score	0
Landslide History Score	3
PDSD Score	2
AADT Score	81
Accident Due to Geohazard Score	81
created_user	COLLECTOR@P31_AG
created_date	12/2/2020
last_edited_user	ashelter
last_edited_date	2/8/2022
sys_updated_date	7/1/2026
IMPACT_ON_ASSET	On Shoulder or on Slope with a High Potential to Affect a Non-structure ODOT Asset and/or Moderate Potential to Affect Traffic Lane or Structure