

Inspection Date: 2/11/2025

Probability of Rockfall Occurrence	Moderate (4)
Probability of Rockfall Reaching Traffic Lane	Low (1)
Tier Determination Score	5
Tier	Tier 1
Remediation	Non-remediated
Emergency Determination	No
Emergency Declaration Number	
Emergency Declaration Date	
Detailed Rating Score	0
Hazard Area BMP	18.18
Hazard Area BMP Elevation (ft)	640
Hazard Area EMP	18.47
Hazard Area EMP Elevation (ft)	640
Hazard Area Length (Along the Roadway) (ft)	86
Hazard Area Width (Perpendicular to the Slope) (ft)	45
Critical Section - Distance from BMP (ft)	
Critical Section - Base Height (ft)	
Slope Base Elevation (ft)	
Slope Height (ft)	
Rock Cut Slope Height (ft)	
Soil Cut Slope Height (ft)	
Natural Slope Height (ft)	
Rock Cut Elevation	
Soil Cut Elevation	
Natural Slope Elevation	
Cut Slope as Source Zone	
Backslope as Source Zone	
Percentage of Cut Slope as Source Zone	
Percentage of Backslope as Source Zone	
Position of Impact	
Undercutting Cut Slope	
Max Depth of Undercut Cut Slope (ft)	

Average Depth of Undercut Cut Slope (ft)	
Max Thickness of Undercut Cut Slope (ft)	
Average Thickness of Undercut Cut Slope (ft)	
Undercutting Backslope	
Max Depth of Undercut Backslope (ft)	
Max Thickness of Undercut Backslope (ft)	
Percentage of Undercutting	
Percentage of Raveling	
Talus Buildup	
Talus Buildup Height (ft)	
Talus Buildup Width (ft)	
Max Block Shape	
Max Block Dimension X (ft)	
Max Block Dimension Y (ft)	
Max Block Dimension Z (ft)	
Max Block Size (cu ft)	0.00
Average Block Shape	
Average Block Dimension X (ft)	
Average Block Dimension Y (ft)	
Average Block Dimension Z (ft)	
Average Block Size (cu ft)	
Debris Dimension X (ft)	
Debris Dimension Y (ft)	
Debris Dimension Z (ft)	
Debris Volume (cu yd)	
Weathering Condition	Moderate
General Slope Performance	Potentially Unstable
Exposed Rock	Sandstone
Max Extent Impact Length (ft)	
Max Extent Impact Width (ft)	
Vegetation Growth Cut Slope %	50
Vegetation Growth Natural Backslope %	0
Groundwater Present	

Surface Water Present	
Hydrology Comments	
Barrier Present	
Barrier Functional	
Catchment Depth (ft)	
Catchment Width (ft)	
Catchment Effectiveness % (Based on GB-3)	
Bottom of Catchment	
Talus Accumulation of Catchment %	
ASD - Actual Sight Distance (ft)	
PDSD - Percentage Decision Sight Distance	
Accident Due to Geohazard	No
Degree of Change	Yes
Inspection Comments	ODOT requested reinspection of this site due to a recent rockfall event in the area. EMP extended to the edge of the rockfall which increased the hazard area length from 20 to 86 feet. Probability of rockfall occurrence increased from low to moderate due to evidence of previous rockfalls as rock debris existing downslope as well as undercutting observed on the slope. Above the rockslope is a retaining wall constructed of sandstone blocks to prevent erosion of the shoulder.
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Remediation Effectiveness	
Differential Weathering Score	0
Discontinuity Role Score	0
Block Size/Volume Score	0
Rock Slope Height Score	0
Catchment/Containment Score	0
Exposure Risk Score	
PDSD Score	
Rockfall History Score	0
Accident Due to Geohazard Score	0
created_user	ablume
created_date	2/11/2025 4:29 PM
last_edited_user	ablume
last_edited_date	2/12/2025 4:15 PM
sys_updated_date	7/8/2026 10:59 AM