

Inspection Date: 2/21/2022

Probability of Rockfall Occurrence	Low (1)
Probability of Rockfall Reaching Traffic Lane	Moderate (4)
Tier Determination Score	5
Tier	Tier 1
Remediation	Remediated
Emergency Determination	
Emergency Declaration Number	
Emergency Declaration Date	
Detailed Rating Score	0
Hazard Area BMP	17.33
Hazard Area BMP Elevation (ft)	619
Hazard Area EMP	17.34
Hazard Area EMP Elevation (ft)	620
Hazard Area Length (Along the Roadway) (ft)	50
Hazard Area Width (Perpendicular to the Slope) (ft)	80
Critical Section - Distance from BMP (ft)	
Critical Section - Base Height (ft)	
Slope Base Elevation (ft)	
Slope Height (ft)	70
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	Yes
Backslope as Source Zone	Yes
Percentage of Cut Slope as Source Zone	
Percentage of Backslope as Source Zone	
Position of Impact	Ditch
Undercutting Cut Slope	Yes
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	No
Max Depth of Undercut Backslope (ft)	
Max Thickness of Undercut Backslope (ft)	
Percentage of Undercutting	
Percentage of Raveling	

Talus Buildup	No
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	Stable
Exposed Rock	Sandstone
Max Extent Impact Length (ft)	
Max Extent Impact Width (ft)	
Vegetation Growth Cut Slope %	40
Vegetation Growth Natural Backslope %	0
Groundwater Present	
Surface Water Present	
Hydrology Comments	
Barrier Present	No
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	No
Inspection Comments	Retaining wall 5 feet below roadway to natural slope
Inspection Date	2/21/2022
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	
PDSO Score	
Rockfall History Score	0
Accident Due to Geohazard Score	0
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last_edited_date	2/21/2022 12:45 PM
sys_updated_date	7/8/2026 10:59 AM