

Inspection Date: 2/9/2022

Probability of Rockfall Occurrence	Moderate (4)
Probability of Rockfall Reaching Traffic Lane	Moderate (4)
Tier Determination Score	8
Tier	Tier 2
Remediation	Non-Remediated
Emergency Determination	
Emergency Declaration Number	
Emergency Declaration Date	
Detailed Rating Score	192
Hazard Area BMP	18.92
Hazard Area BMP Elevation (ft)	604
Hazard Area EMP	19.05
Hazard Area EMP Elevation (ft)	589
Hazard Area Length (Along the Roadway) (ft)	670
Hazard Area Width (Perpendicular to the Slope) (ft)	240
Critical Section - Distance from BMP (ft)	40
Critical Section - Base Height (ft)	4
Slope Base Elevation (ft)	4
Slope Height (ft)	170
Rock Cut Slope Height (ft)	169

Soil Cut Slope Height (ft)	1
Natural Slope Height (ft)	
Rock Cut Elevation	173.00
Soil Cut Elevation	174.00
Natural Slope Elevation	
Cut Slope as Source Zone	Yes
Backslope as Source Zone	Yes
Percentage of Cut Slope as Source Zone	30
Percentage of Backslope as Source Zone	45
Position of Impact	Shoulder
Undercutting Cut Slope	No
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	Yes
Max Depth of Undercut Backslope (ft)	9.00
Max Thickness of Undercut Backslope (ft)	15.00
Percentage of Undercutting	15
Percentage of Raveling	20
Talus Buildup	Yes

Talus Buildup Height (ft)	5
Talus Buildup Width (ft)	21
Max Block Shape	Cylindrical
Max Block Dimension X (ft)	21.00
Max Block Dimension Y (ft)	18.00
Max Block Dimension Z (ft)	19.00
Max Block Size (cu ft)	7182.00
Average Block Shape	Spherical
Average Block Dimension X (ft)	4.00
Average Block Dimension Y (ft)	3.00
Average Block Dimension Z (ft)	2.00
Average Block Size (cu ft)	24.00
Debris Dimension X (ft)	6.00
Debris Dimension Y (ft)	3.00
Debris Dimension Z (ft)	4.00
Debris Volume (cu yd)	2.67
Weathering Condition	Moderate
General Slope Performance	Stable
Exposed Rock	Sandstone
Max Extent Impact Length (ft)	
Max Extent Impact Width (ft)	

Vegetation Growth Cut Slope %	65
Vegetation Growth Natural Backslope %	40
Groundwater Present	Yes
Surface Water Present	No
Hydrology Comments	
Barrier Present	No
Barrier Functional	
Catchment Depth (ft)	2.40
Catchment Width (ft)	21.00
Catchment Effectiveness % (Based on GB-3)	100
Bottom of Catchment	Soil
Talus Accumulation of Catchment %	
ASD - Actual Sight Distance (ft)	245
PDSD - Percentage Decision Sight Distance	28
Accident Due to Geohazard	No
Degree of Change	No
Inspection Comments	
Inspection Date	2/9/2022
Remediation Effectiveness	
Differential Weathering Score	0
Discontinuity Role Score	27

Block Size/Volume Score	81
Rock Slope Height Score	
Catchment/Containment Score	0
Exposure Risk Score	0
PDSD Score	81
Rockfall History Score	3
Accident Due to Geohazard Score	0
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last_edited_date	2/9/2022 12:04 PM
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