

Inspection Date: 12/9/2019

Probability of Rockfall Occurrence	Moderate (4)
Probability of Rockfall Reaching Traffic Lane	High (8)
Tier Determination Score	12
Tier	Tier 3
Remediation	Non-remediated
Emergency Determination	
Emergency Declaration Number	
Emergency Declaration Date	
Detailed Rating Score	202
Hazard Area BMP	17.05
Hazard Area BMP Elevation (ft)	
Hazard Area EMP	17.29
Hazard Area EMP Elevation (ft)	
Hazard Area Length (Along the Roadway) (ft)	1267
Hazard Area Width (Perpendicular to the Slope) (ft)	264
Critical Section - Distance from BMP (ft)	
Critical Section - Base Height (ft)	
Slope Base Elevation (ft)	0
Slope Height (ft)	140
Rock Cut Slope Height (ft)	60
Soil Cut Slope Height (ft)	0
Natural Slope Height (ft)	80
Rock Cut Elevation	60.00
Soil Cut Elevation	60.00
Natural Slope Elevation	140.00
Cut Slope as Source Zone	Yes
Backslope as Source Zone	Yes
Percentage of Cut Slope as Source Zone	70
Percentage of Backslope as Source Zone	55
Position of Impact	Lane
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)	2.90
Max Thickness of Undercut Backslope (ft)	6.00
Percentage of Undercutting	20
Percentage of Raveling	20

Talus Buildup	Yes
Talus Buildup Height (ft)	
Talus Buildup Width (ft)	
Max Block Shape	Discoidal
Max Block Dimension X (ft)	15.00
Max Block Dimension Y (ft)	6.00
Max Block Dimension Z (ft)	10.50
Max Block Size (cu ft)	945.00
Average Block Shape	Spherical
Average Block Dimension X (ft)	2.10
Average Block Dimension Y (ft)	0.80
Average Block Dimension Z (ft)	1.40
Average Block Size (cu ft)	2.35
Debris Dimension X (ft)	6.30
Debris Dimension Y (ft)	2.70
Debris Dimension Z (ft)	2.00
Debris Volume (cu yd)	1.26
Weathering Condition	Moderate
General Slope Performance	Potentially instable
Exposed Rock	Ditch,Sandstone
Max Extent Impact Length (ft)	180
Max Extent Impact Width (ft)	32
Vegetation Growth Cut Slope %	30
Vegetation Growth Natural Backslope %	45
Groundwater Present	
Surface Water Present	
Hydrology Comments	
Barrier Present	
Barrier Functional	
Catchment Depth (ft)	2.00
Catchment Width (ft)	14.10
Catchment Effectiveness % (Based on GB-3)	100
Bottom of Catchment	Rock debris
Talus Accumulation of Catchment %	25%
ASD - Actual Sight Distance (ft)	
PDSD - Percentage Decision Sight Distance	
Accident Due to Geohazard	No
Degree of Change	No
Inspection Comments	
Inspection Date	12/9/2019
Remediation Effectiveness	

Differential Weathering Score	0
Discontinuity Role Score	27
Block Size/Volume Score	81
Rock Slope Height Score	80
Catchment/Containment Score	0
Exposure Risk Score	10
PDSO Score	
Rockfall History Score	3
Accident Due to Geohazard Score	0
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