

ROCK SLOPE SITE INSPECTION: Non-remediated

Probability of Rockfall Occurrence	8
Probability of Rockfall Reaching Traffic Lane	10
Tier Determination Score	18
Tier	4
Remediation	Non-remediated
Emergency Determination	N
Emergency Declaration Number	
Emergency Declaration Date	
Detailed Rating Score	263
Hazard Area BMP	8.960
Hazard Area BMP Elevation (ft)	
Hazard Area EMP	8.990
Hazard Area EMP Elevation (ft)	
Hazard Area Length (Along the Roadway) (ft)	158
Hazard Area Width (Perpendicular to the Slope) (ft)	18
Critical Section - Distance from BMP (ft)	
Critical Section - Base Height (ft)	
Slope Base Elevation (ft)	0
Slope Height (ft)	70
Rock Cut Slope Height (ft)	23
Soil Cut Slope Height (ft)	0
Natural Slope Height (ft)	50

Rock Cut Elevation	23.000
Soil Cut Elevation	23.000
Natural Slope Elevation	73.000
Cut Slope as Source Zone	Y
Backslope as Source Zone	Y
Percentage of Cut Slope as Source Zone	85
Percentage of Backslope as Source Zone	15
Position of Impact	
Undercutting Cut Slope	Y
Max Depth of Undercut Cut Slope (ft)	4.000
Average Depth of Undercut Cut Slope (ft)	2.000
Max Thickness of Undercut Cut Slope (ft)	
Average Thickness of Undercut Cut Slope (ft)	
Undercutting Backslope	N
Max Depth of Undercut Backslope (ft)	
Max Thickness of Undercut Backslope (ft)	
Percentage of Undercutting	15
Percentage of Raveling	0
Talus Buildup	N
Talus Buildup Height (ft)	
Talus Buildup Width (ft)	
Max Block Shape	DIS
Max Block Dimension X (ft)	7.600

Max Block Dimension Y (ft)	2.000
Max Block Dimension Z (ft)	4.000
Max Block Size (cu ft)	60.800
Average Block Shape	DIS
Average Block Dimension X (ft)	0.500
Average Block Dimension Y (ft)	0.100
Average Block Dimension Z (ft)	0.700
Average Block Size (cu ft)	0.035
Debris Dimension X (ft)	8.000
Debris Dimension Y (ft)	3.000
Debris Dimension Z (ft)	2.000
Debris Volume (cu yd)	1.778
Weathering Condition	Slight
General Slope Performance	Potentially instable
Exposed Rock	Sandstone,
Max Extent Impact Length (ft)	7
Max Extent Impact Width (ft)	7
Vegetation Growth Cut Slope %	70
Vegetation Growth Natural Backslope %	95
Groundwater Present	
Surface Water Present	
Hydrology Comments	
Barrier Present	N

Barrier Functional	
Catchment Depth (ft)	0.500
Catchment Width (ft)	2.000
Catchment Effectiveness % (Based on GB-3)	8
Bottom of Catchment	Soil
Talus Accumulation of Catchment %	
ASD - Actual Sight Distance (ft)	
PDSD - Percentage Decision Sight Distance	
Accident Due to Geohazard	N
Degree of Change	N
Inspection Comments	
Inspection Date	4/5/2022
Remediation Effectiveness	
Differential Weathering Score	80
Discontinuity Role Score	9
Block Size/Volume Score	81
Rock Slope Height Score	9
Catchment/Containment Score	81
Exposure Risk Score	0
PDSD Score	
Rockfall History Score	3
Accident Due to Geohazard Score	0
created_user	odotonline\staliafe1

created_date	4/5/2022
last_edited_user	odotonline\staliafe1
last_edited_date	4/5/2022
sys_updated_date	8/4/2024





