

Mt. Hood Safety Project -- ODOT's Response to the RSA findings

Immediate Implementation		
Safety Issue	Safety Concern	Proposed Solution
Vehicles drifting from lanes	Head-on and run-off-road crashes	Install striping, reflective pavement markers and white roadside delineators
Sign consistency and visibility	Warning signs are not noticeable	Larger and more retroreflective signs
	Drivers misjudge sharpness of curves	Larger curve warning signs and chevrons
	Speed, road rage, unsafe passing	Next passing opportunity signs
Speeds too fast for weather conditions and other driving behaviors	Speed, unsafe passing, DUII, drowsy drivers; single-car, run-off-road and head-on crashes	Public outreach - target age, speed, drowsy driving and alternate modes
Intersection safety and congestion in Government Camp area	Visibility, speed, and intersection operations and safety	Investigation study to make future improvements
Mid-term Implementation		
Safety Issue	Safety Concern	Proposed Solution
Lack of westbound passing opportunities	Speeding, unsafe passing, road rage, speeding to pass in villages, head-on and side swipe crashes	Add WB and EB passing lanes at MP48
	Speeding, unsafe passing, road rage, head-on and side swipe crashes	Lengthen EB and WB passing lanes in Mirror Lake curves
Lack of safe chain on/off areas	Pedestrian crashes (drivers out of their vehicles). Rear-end and side-swipe crashes as drivers slow down or pull out of travel lane.	Add WB and EB chain on/off at MP48 and a VMS to advise motorist of chain restrictions
		Review restricting parking at Map Curve lookout due to unsafe chain on/off activities
		Restrict winter parking at Mirror Lake
Sight distance is restricted WB to correctly judge curve at MP 47	Curve recognition related crashes, driving too fast for conditions, secondary rear-end crashes	Remove hazard trees inside of curve only
		Widen inside graveled shoulder
Map Curve-- Curve related crashes WB, and rocks falling on roadway	Rocks in roadway, vehicles hitting rock slope, curve sight distance/recognition	Cut back rock face to provide rockfall catchment area
	Curve recognition/delineation, sight distance. Cross-over and single car crashes	Widen road to install aesthetic concrete median barrier with reflective delineation
	Curve warning signs covered by high snow banks	Install overhead warning sign with beacons and chevron signage
Unsafe passing and speeding between Map Curve and Mirror Lake	Speeding, unsafe WB passing; cross-over, turning and rear-end crashes	Widen road to install aesthetic concrete median barrier with reflective delineation
Mirror Lake Curves-- Difficulty passing in curves, driving too fast for conditions	Speeding, curve-related and side-swipe crashes Curve warning signs covered by high snow banks Speeding, curve recognition; cross-over, turning and rear-end crashes	Widen to lengthen passing lanes
		Install overhead warning sign with beacons
		Widen road to install aesthetic concrete median barrier with reflective delineation
Long-term Implementation		
Safety Issue	Safety Concern	Proposed Solution
Lack of safe chain on/off areas	Pedestrian, rear-end and side-swipe crashes	Add EB chain-on at wide area near the truck escape ramp
Speeds too fast for weather conditions	Single car, run-off-road and head-on crashes	Change posted speed based on weather conditions (Variable Speed); radar enforcement recommended
Intersection safety and congestion in Government Camp area	Intersection crashes	Intersection realignment (all)
	Intersection crashes	Increase intersection spacing (all)
	Speed, rear-end and single car crashes	Lower Speed
	Speed, intersection crashes	Install linear illumination
	Poor intersection sight distance with snow	Widen snow storage areas
	Unsafe WB passing	Eliminate WB passing in shared lane
	Speeding, side swipe and rear-end crashes	Eliminate free right turn from SB Timberline Highway or add an auxiliary lane
Intersection operations and safety	Traffic control alternative feasibility study	