

Compass Thresholds - Traffic, shoulder, drainage and roadside features

Thresholds include both sides of the road for one mile and denote the point at which that feature becomes part of the potential maintenance workload for the next 12 months. At this point, the one mile of road is backlogged for this feature. These are not safety measures.

Element	Feature	Thresholds for BACKLOGGED or not current (1 mile)
Shoulders	Cracking	200 linear feet or more of unsealed cracks > ¼ inch (per mile)
	Cross-slope	200 linear feet or more of cross-slope at least 2x planned slope with the maximum cross slope of 8% (per mile)
	Hazardous Debris	Any items large enough to cause a safety hazard (per mile)
	Drop-off/ buildup (paved and unpaved)	200 linear feet or more with drop-off or build-up > 1.5 inches (per mile)
	Erosion	200 linear feet or more with erosion >2 inches deep (per mile)
	Potholes/ raveling	Any potholes OR raveling > 1 square foot by 1 inch deep (per mile)
Drainage	Culvert	Culverts that are >25% obstructed OR where a sharp object-e.g., a shovel-can be pushed through the bottom of the pipe OR pipe is collapsed or separated (per culvert)
	Curb & gutter	Curb & gutter with severe structural distress OR >1 inch structural misalignment OR >1 inch of debris build-up in the curb line (per linear foot of curb & gutter)
	Ditches	Ditch with greater than minimal erosion of ditch line OR obstructions to flow of water requiring action (per linear feet of ditch)
	Flumes	Not functioning as intended OR deteriorated to the point that they are causing erosion (per flume)
	Storm sewer system	Inlets, catch basins, and outlet pipes with >=50% capacity obstructed OR <80% structurally sound OR >1 inch vertical displacement or heaving OR not functioning as intended (per inlet, catch basin and outlet pipe)
	Drains	Under- and edge-drains with outlets, endwalls or end protection closed or crushed OR water flow or end protection is obstructed (per drain)
Roadsides	Fences	Fence missing OR not functioning as intended (per linear foot of fence)
	Litter	Any pieces of litter on shoulders and roadside visible at posted speed, but not causing a safety threat (per mile)
	Mowing	Roadside has mowed grass that is too short, too wide or is mowed in a no-mow zone (per mile)
	Mowing for vision	Any instances in which grass is too high or blocks a vision triangle (per mile)
	Woody vegetation control	Any instances in which woody vegetation blocks a vision triangle.
	Woody vegetation control for vision	Instances in which a tree is present in the clear zone OR trees and/or branches overhang the roadway or shoulder creating a clearance problem (per mile)
Traffic Control & Safety	Centerline/ Edgeline markings	Line with > 20% paint missing (per mile)
	Special pavement markings	Missing OR not functioning as intended (per marking)
	Delineators	Missing OR not visible at posted speed OR damaged (per delineator)
	Protective Barriers	Not functioning as intended (per linear feet of barrier)
	Other signs (emergency)	Missing OR not visible at posted speed (per sign)
	Other signs (routine)	Beyond recommended service life (per sign)
	Reg/warning signs (emergency)	Missing OR not visible at posted speed (per sign)
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