

COEFFICIENTS OF FRICTION OF VARIOUS ROADWAY SURFACES

DESCRIPTION OF ROAD SURFACE	DRY				WET			
	Less than 30 mph		More than 30 mph		Less than 30 mph		More than 30 mph	
	From	To	From	To	From	To	From	To
<u>PORTLAND CEMENT</u>								
New, Sharp	.80	1.20	.70	1.00	.50	.80	.40	.75
Traveled	.60	.80	.60	.75	.45	.70	.45	.65
Traffic Polished	.55	.75	.50	.65	.45	.65	.45	.60
<u>ASPHALT or TAR</u>								
New, Sharp	.80	1.20	.65	1.00	.50	.80	.45	.75
Traveled	.60	.80	.55	.70	.45	.70	.40	.65
Traffic Polished	.55	.75	.45	.65	.45	.65	.40	.60
Excess Tar	.50	.60	.35	.60	.30	.60	.25	.55
<u>GRAVEL</u>								
Packed, Oiled	.55	.85	.50	.80	.40	.80	.40	.60
Loose	.40	.70	.40	.70	.45	.75	.45	.75
<u>GRASS</u>	.45	.45						
<u>CINDERS</u>								
Packed	.50	.70	.50	.70	.65	.75	.65	.75
<u>ROCK</u>								
Crushed	.55	.75	.55	.75	.55	.75	.55	.75
<u>ICE</u>								
Smooth	.10	.25	.07	.20	.05	.10	.05	.10
<u>SNOW</u>								
Packed	.30	.55	.35	.55	.30	.60	.30	.60
Loose	.10	.25	.10	.20	.30	.60	.30	.60