# Frost

## Forms when pavement temperature drops below dew point and both are below freezing

## Weather conditions

### Calm or very light winds

### Clear skies

## Road/bridge surface loses heat faster than atmosphere

## Bridge frost more common in Fall, road frost more common in Spring

## Can be prevented with light anti-icing treatment the day before

# Black ice

## Forms the same as frost, except pavement temperature is above freezing to begin

### Dew forms when pavement temperature drops below dew point

### When pavement temperature drops below freezing, dew freezes

## Weather conditions

### Calm or very light winds

### Clear skies

## Road/bridge surface loses heat faster than atmosphere

## Bridge frost more common in Fall, road frost more common in Spring

## Can be prevented with light anti-icing treatment the day before