



# Pot Hole Repair and Freeze-Thaw Conditions

During construction of the Valley Line LRT, TransEd is responsible for the maintenance and upkeep of roadways and pedestrian walkways adjacent to our job sites. This includes plowing snow during the winter, clearing mud and dirt with a street sweeper as necessary, and filling pot holes on a regular basis.

Toward the end of winter and beginning of spring, the variance in temperature creates a freeze/thaw scenario which increases the number of pot holes in Edmonton significantly.

Regardless of weather, TransEd evaluates road conditions on a daily basis, noting any hazards that need fixing.

Several factors can affect our ability to repair pot holes in a timely fashion. Aside from the freeze/thaw cycle, the following items may impact our response time:

## Availability of “hot mix” asphalt

This mixture of asphalt adheres to the road better, making for longer lasting repairs to road deficiencies. In general, “hot mix” asphalt is not readily available until the spring season and therefore, only one asphalt plant in Edmonton is currently open and operating. In the coming weeks, more plants will open, making this product easier to procure.

## Prioritization of repairs

The order in which we repair pot holes takes into account the severity of the pot hole and volume of traffic on the road in question. To prevent any significant impact to traffic, larger or more disruptive pot holes are repaired first.

## Volume of traffic at repair location

To repair pot holes properly, it is often necessary to temporarily close a lane of traffic. In areas of high traffic, where possible, repairs are scheduled for off-peak hours to limit the impact.

We will continue to monitor roadways on a daily basis and make adjustments as necessary to minimize any impact to motorists and to keep the residents of Edmonton safe during the construction of the LRT.

