

Audio tactile line marking (ATLM)

Factsheet

May 2019

What is ATLM?

ATLM is generally small raised bumps typically placed along the edge of the road or down the centreline. It can be installed as white ATLM along the existing delineation or line marking or as black ATLM outside of the existing delineation.

What is the purpose of ATLM?

The purpose of audio-tactile line marking (ATLM) is to reduce run-off-road and head-on crashes by producing a noise (audio) and vibration (tactile) warning to drivers that their vehicle is leaving the travel lane.

ATLM is intended to allow drivers the opportunity to correct their path and reduce the risk of crashes due to driver inattention (such as fatigue).

It is also particularly effective in night-time conditions or adverse weather conditions.

Why do we use ATLM?

ATLM is a low cost and easy to install measure.

It is a highly effective road safety treatment, known to reduce targeted crashes by 25 per cent.

ATLM is an alternative to a physical barrier designed to separate vehicles from roadside hazards or opposing traffic flow.



Black ATLM installed on the New England Highway.