

Approved Recommended Plans

On May 8, 2017, Council approved the short-, medium- and long-term recommended plans for Crowchild Trail. The noise attenuation recommendations that were approved as part of the Crowchild Trail Study are shown to the right.

On April 19, 2017, the short-term recommended plan was approved for funding by Council. The short-term plan noise wall recommendations will be implemented as part of the Crowchild Trail Upgrades Project.

Proposed Noise Walls

Legend
— Existing noise walls
— Proposed noise walls

Recommendations

- Noise walls along all residential properties immediately adjacent to Crowchild Tr. and along the ramps to and from Crowchild Tr.
- Community engagement prior to construction to review wall details including location, appearance and height.

Enhancements

- Absorptive materials and cantilevered walls can further mitigate noise.
- Noise walls may provide an opportunity to incorporate Public Art.
- Computer printing techniques allow most patterns or colours to be adopted on wall panels.

Examples of Noise Walls and Materials
(All photos courtesy of google.ca and project team)

Custom panel wall

Cantilevered wall

Absorptive material

Custom panel wall

Cantilevered wall

Transparent materials with artistic design

Custom panel wall

Cantilevered wall with solar panel

Transparent materials with colour

Short-Term Plan

Five locations have been identified where additional noise attenuation will be improved as part of the Crowchild Trail Upgrades Project (short-term plan).

As part of the analyses for each location, the following noise wall details are considered:

- location
- presence of utilities
- constructability
- barrier height
- barrier type
- material type

Following the analyses of all of the considerations, 1-3 options for each location will be developed and shared with adjacent residential landowners and community residents to explore the benefits and trade-offs of the options and identify a preferred option for each of the locations.

It is anticipated that the analyses will be completed early 2018 with community engagement to review wall details including location, appearance and height, planned for Q2 2018.

Crowchild Trail Upgrades Noise Attenuation Study Areas

Legend
— Existing noise walls
— Proposed short-term noise wall areas