



# Highway 104 at Antigonish TRUNK 7 OVERPASS

## What is the planned roadway arrangement at the intersection of Highway 104 and Trunk 7?

After extensive consideration in the detailed design phase, the twinned Highway 104 will cross over the existing Trunk 7. This is a change from the original design, where Trunk 7 was constructed over the twinned highway.

## Why was this change in design made at Trunk 7?

Several factors were considered in the detailed design phase which resulted in the change, including business concerns, elevation changes, wetland protection, and the use of roundabouts.

## What are the benefits of building the highway over Trunk 7?

Building the highway over Trunk 7 will reduce the amount of land impacted by construction. Construction will be facilitated by working with existing elevations near Trunk 7.

## How will the highway overpass at Trunk 7 affect local visibility?

Viewplanes were a significant factor considered in the intersection design. The viewplanes are such that only the tops of larger vehicles on the highway will be seen (see designer's rendition above).



Jersey barriers



Designers' rendition of overpass at Trunk 7

## How will building the highway over Trunk 7 affect noise impacts on residents near the intersection?

Particular attention was paid to noise implications of the revised intersection design. A noise impact study indicated that there is no noticeable difference in noise impact with the twinned highway passing over rather than under Trunk 7. Natural elevations and low concrete Jersey barriers will reduce any noise impacts (to an estimated 54.8 decibels in the day, 49.9 decibels at night). These measures will ensure that residents and businesses in the area are not negatively affected by noise from the intersection.

## Where can I get more information?

For more information, please contact:

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You can also visit the Community Liaison Committee website at: [www.104antigonish.ca](http://www.104antigonish.ca)