

# Preparing a temporary third lane at Porteau Cove

The Olympic bid commitment to provide a minimum of three lanes for vehicle traffic between Vancouver and Whistler required construction of a temporary third lane at Porteau Cove. When the Olympics and Paralympics are complete, this 800-metre section will revert to two lanes as the temporary lane is removed.

For drivers, there are no restrictions on southbound traffic on the Sea to Sky, however for southbound traffic at Porteau Cove, there will be delays of 20-to-30 minutes in the mornings between 7:00 am and 7:45 am. These delays are in effect from February 13th to 28th. The delay is needed for the passage of a scheduled passenger train each morning and drivers, especially commuters are being advised to plan their trips accordingly.

These photos show crews constructing the 'third lane' at Porteau. They built a drainage system underneath the track lane, and then placed concrete barriers to retain fill and road base materials, and also to keep this lane separate as it enters and leaves the track.

Asphalt contamination of the permanent rail ballast was prevented by placing filter cloth under the temporary road base. The ocean side of the base is held in place by concrete lock block walls stabilized by steel rods. These were screwed into place and steel fencing was then added to prevent vehicles from leaving the highway in areas where it is too narrow for concrete barrier.



1 Where the rail bed had to be widened over steep areas, the ocean side of the road base is held in place by concrete lock block walls stabilized by steel rods.



2 Asphalt contamination of the permanent rail ballast was prevented by placing filter cloth under the temporary road base, compacted in layers by various machines



3 A drainage system underneath the track lane was installed to prevent water draining from it into the two highway lanes, and then concrete barrier was placed to retain fill and road base materials, and also to keep this lane separate as it enters and leaves the track.



4 The completed temporary third-lane at Porteau Cove,, north of Horseshoe Bay.