

Pan Am Games HOV Lane Removal

Case study – August 2015

As part of the Pan Am Games traffic management plan, temporary high occupancy vehicle lanes were installed on the major highways surrounding Toronto to expedite the movement of athletes to and from venues. 16KM of solid line was installed in areas to denote that the vehicles could not move in or out of the specific lanes.

The job specified soda blasting as the form of removal. The reason is that soft abrasive blasting results in minimum impact to the asphalt surface, gradually fading back into the surrounding asphalt.

Our method does not dish or gouge the roadway, and does not remove large aggregates and fines, both reducing surface maintenance and extending the life of the asphalt.

The Challenges

The Ministry of Transportation has set a tight deadline for the removal of the pavement markings after the completion of the games. Even tighter due to the fact that our productive working hours on these sections of the 401 and QEW were from 12:30AM until 4:30AM.

An additional challenge was that two of our mobile units were damaged beyond use as a result of an accident caused by a transport trailer.

Results

We mobilized 10 units each night and successfully completed the work well within the required timeframe provided. The result was returning the road to the required traffic configuration and as a result of the efficiency of Kelso Blasting, cost savings were realized for the Contractors and the Province. Soda blasting provides minimal damage to the asphalt surface and is environmentally sensitive.

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blasting &
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MINISTRY OF TRANSPORTATION



Client Profile

Industry: Roads & Infrastructure

Geography: Highway 401 East and Westbound & QEW Niagara Bound

Quantity: 16km

Customers: Total Traffic Solutions, Lafrentz Road Services

Services provided:
Soda Blasting

kelso
industrial
group

kelso
abrasives

kelso
coatings

kelso
blasting &
restoration

For more information, contact

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