



**We make
highways
talk™**

- MANAGEMENT
- SAFETY
- PRESERVATION

International Road Dynamics Inc. develops and maintains traffic management products and systems technology that make highways talk. What are they saying? They are providing information that roadway administrators need to manage traffic, preserve infrastructure and provide safety warnings to drivers.

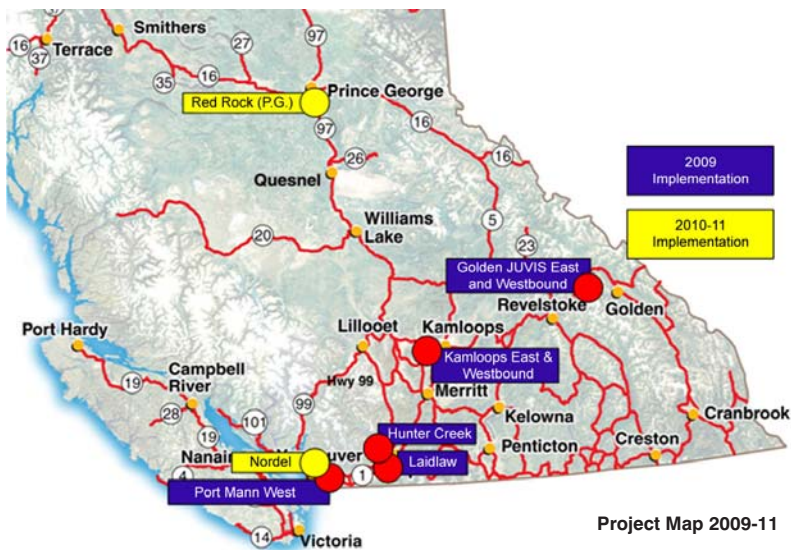
IRD's multi-discipline, innovative and customer-focused team is expert in advanced technologies, advanced traffic solutions and custom-designed systems.



**CUSTOMER
DRIVEN™**

Preclearance Programs Weigh2GoBC

Weigh2GoBC is a program in British Columbia, Canada that enables commercial truck carriers to bypass inspection stations, provided their vehicles comply with regulations and pass an electronic screening process. The program is designed to save money, fuel and reduce greenhouse gas emissions, while accelerating the flow of goods through the Pacific trade corridor. Once a commercial vehicle has entered the corridor along Highways 1 and 5, it can be given a bypass at all subsequent inspection stations for up to the next 12 hours.



When a vehicle equipped with Weigh2GoBC transponders passes a weigh-in-motion enabled station at highway speed, Weigh2GoBC checks the vehicle dimensions, weight and compliance with specific B.C. regulations electronically and signals the driver to proceed or check in for inspection.



Preclearance Programs

Weigh2GoBC

IRD supplied the following components of the Weigh2GoBC program:

- System Integration
- Single Load Cell (SLC) Weigh-In-Motion Scales
- Inductive Loops
- Piezoelectric Sensors
- Automatic Vehicle Identification (AVI) Readers
- iSinc™ Systems Electronics

Environmental Benefits and Savings*

Weigh2GoBC has been a great success for British Columbia's Ministry of Transportation and Infrastructure. It has been well received by participating commercial carriers, and has been nominated for B.C.'s Premier's Awards for Service Excellence. Not only is the program on track to attain the desired environmental benefits and cost savings, but the efficiency of the compliance system has improved.

Projected Savings (Revised June, 2010)*

Benefit	Years 1 to 5	Years 6 to 10	10-Year Total
Driver-time Savings	145,000 hours	585,000 hours	730,000 hours
Fuel Savings	500,000 litres	2,076,000 litres	2,576,000 litres
Greenhouse Gas Reductions	965,000 kgs	3,930,000 kgs	4,895,000 kgs

What Participants are Saying

"In the freight business time is money. We need to be as efficient as possible without compromising safety or regulatory compliance. We are finding that our drivers are saving up to an hour on a round trip to and from Alberta. Every time a truck doesn't have to slow down for a scale, wait in line, cross the scale and finally get back to highway speed it saves time and fuel."

– Kevin Johnson
*Compliance & Safety Manager
 Coastal Pacific Xpress Inc.*

"The old way was really hit and miss, all the carriers came, and all the vehicles came, and you could sit in the window and you could run manual checks, which would take about fifteen minutes. This system will do the same thing in seven seconds. This is a tool that inspectors can use so they can focus their attentions on the non-compliant carriers. It actually helps them sort the good carriers from the bad ones."

– Pamela McDermid
*Business Manager
 Weigh2GoBC*

*Information on projected savings of the Preclearance Program was provided by Weigh2GoBC.



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