



## **Introducing Rideau Transit Group: Ottawa's First Light Rail Transit Consortium**

### **Opening graphics**

#### Antonio Estrada

We are really proud and humbled to work with the City of Ottawa and we think that this is going to be a big project for Ottawans and the whole of the community.

#### Kathryn Keyes

As a resident of Ottawa, I think it's exciting to see all of these international partners who have best practices on light rail projects coming together to really leave us a legacy that will be introduced in 2018 and that will continue to serve the population for years to come.

### **Light Rail Transit in Ottawa**

#### Kathryn Keyes

Now people know public transit for its queue of buses through the downtown core, and for very busy bus stops in the downtown core.

#### Tim Stewart

At the peak hours in the morning and at night, the traffic lights and the current city infrastructure, they cannot physically fit another bus down there.

#### Kathryn Keyes

And all of that will be sort of brought underground which will not only beautify the city but will also increase the efficiency of the public transit system.

#### Tim Stewart

It's the downtown core, its being able to move people to and from work so quickly, to allow tourism to Ottawa, to be able to get into the downtown core, to see the architecture, to get along the Rideau Canal. Ottawa's been ready for this for more than a decade and we're finally here to build it for them.

### **World Class Expertise**

#### David Whyte

We do have a world class team, well over 200 years of experience in mega projects and rail projects.

#### Humberto Ferrer

The biggest challenge in this project is the scope of it. It's a huge scope. We're going from buildings to the most sophisticated systems including the tunnel and the stations caverns.

Peter Lauch

The Rideau Transit Group some of the big players in the group include ACS Infrastructure, SNC-Lavalin, EllisDon.

Roger Woodhead

Ottawa in this case has hired a consortium that is going to provide them a state of the art transit system that will last for over a hundred years

Antonio Estrada

We are very pleased to have Alstom and Thales involved in the project. Alstom will provide the vehicles and Thales will provide the train control system.

David Whyte

Alstom is providing a new vehicle which is an exciting thing. We will be building or assembling a lot of the vehicles within our Maintenance and Storage Facility.

Grant Bailey

The Alstom Citadis is the train that will be used on the system and it is a terrific LRT train. They are quiet, they are comfortable and very presentable.

**Easy Accessibility for All**

Roger Woodhead

Because it's a low floor vehicle it will be very accessible, people will be able to get on and off very efficiently

Grant Bailey

Thales is one of the major suppliers on the project and Thales will be providing the train control system and so we're excited about having Thales on board. They have a proven track record internationally with train control systems.

Roger Woodhead

The whole system, the stations, are going to have a lot of wood in them to make them feel very warm

Kathryn Keyes

As commuters use the Ottawa Light Rail and they travel from east to west one of the things they'll notice is how well the stations integrate into the existing communities and landscapes.

**Building on International Experience**

David Whyte

This is the largest infrastructure works since the Rideau Canal.

Antonio Estrada

This a big project for the size of the investment, this is more than \$2 billion.

Peter Lauch

Aside from the technical challenge of building a twelve and a half kilometer light rail transit system through the city core, I think the biggest challenge is the tunneling itself.

Humberto Ferrer

In the building stations that we are doing from the tunnel, so that will minimize the impact in the downtown surface and will reduce the disruption to the traffic and pedestrians in the area. We've been successful with building tunnels with this method around the world and we're going to be successful here. We've used it in Barcelona, in New York, in so many countries.

**Our Innovative Approach and the Benefits**

Peter Lauch

One of the things that we're bringing to the table from a design and construction point of view is recycling. There's a great deal of demolition that's going on and we're doing as much as we can to recycle that material for example the concrete foundations that are being demolished for the MSF facility, those are all being crushed and reused as structural fill.

Tim Stewart

LRT, light rail transit, is unique to Ottawa, we don't have one so we needed to pull that expertise from the other areas that they've built it, from guys coming from New York just finishing off a project there, expertise from Spain.

(Background dialogue: The west portal obviously today the excavation is going well from what I can see)

So without the guys that have done the sequential mining, that have the very unique light rail experience we just wouldn't be able to achieve it locally.

We're using a lot of the subcontractors available in Ontario, in Ottawa, this is very much a city project as much as we can

(Background dialogue: The large sewer that's running through here, we have to protect and then our watermain)

Grant Bailey

We expect to have approximately 118 employees all working out of the MSF facility which is the new facility being built on Belfast Road, LEED certified facility and that facility will have the latest in maintenance technology and maintenance equipment

Kathryn Keyes

Once of the ways we know to best mitigate against the impacts of construction projects and large scale projects is to keep people well informed so we're working alongside the City to ensure that citizens, future riders and the communities are well-informed about both the project, the construction aspects and as well as the final outcome which is going to be a great LRT system in Ottawa.

**A Successful Future**

David Whyte

Without a doubt there's going to be a great deal of excitement in all parties.

Tim Stewart

The energy that you find in this company is phenomenal, hard work, long hours, but everybody has gelled very quickly. The relationship with the City is very much the same, there's absolutely an energy around this project that's unique.

Peter Lauch

This is a fantastic project. It's one of the biggest projects if not the biggest project that's ever been undertaken in Ottawa. It's a very humbling experience for us. It's a great honour to be involved in such a landmark project.

Roger Woodhead

I'm sure the City and its citizens will also feel very proud to have a state of the art transit system that they can show off to the rest of the country. After all it's the nation's capital.

Antonio Estrada

Our work, our combined expertise will benefit the citizens of Ottawa for generations to come.

Staff Titles:

Antonio Estrada, RTG CEO

Peter Lauch, RTG Technical Director

David Whyte, Project Director  
OLRT Constructors

Humberto Ferrer, Deputy Project Director  
OLRT Constructors

Tim Stewart, Construction Director  
OLRT Constructors

Kathryn Keyes, Communications Director

OLRT Constructors

Dr. Roger Woodhead, Design Manager  
RTGE Joint Venture

Grant Bailey, RTM General Manager