

## *Revolutions in Transportation*



**39<sup>th</sup> Annual CTRF Conference  
May 9 - 12<sup>th</sup>, 2004  
Calgary, Alberta, Canada  
at the Metropolitan Centre**

**In co-operation with the International  
Hotel and the Westin Hotel**

The Canadian Transportation Research Forum (CTRF) invites you (and your companion / family) to attend its 39<sup>th</sup> annual conference to be held in Calgary, Alberta, CANADA. Enclosed in this package is information regarding conference registration, fees, hotel accommodations, and the very credible and content-filled Conference Preliminary Program. The CTRF annual conference includes participation by carriers, shippers, government officials, consultants and academics, all within a lively annual spring forum that has become a tradition in Canada.

This year's conference theme, "***Revolutions in Transportation***", has attracted numerous quality papers documenting the research efforts of roughly 46 Canadian and international research teams in a variety of disciplines as well as the

participation of some blue ribbon panellists and guest speakers who will report on the key changes and issues affecting their mode and industry sector.

The accelerated pace of technological change represented by developments in Internet and other e-commerce approaches, the globalisation of business interaction and trade, and the realisation that there are significant fiscal and capital constraints for governments, not to mention environmental sustainability issues for our society – these are the "change drivers" that are forcing transportation practitioners to seek revolutionary approaches for problem solving and addressing sectoral needs. This conference will stimulate thought and discussion on these, and other, topics.

### **OVERVIEW OF CONFERENCE STRUCTURE**

<b>Sunday May 9, 2004</b>	<b>Monday May 10, 2004</b>	<b>Tuesday May 11, 2004</b>	<b>Wednesday May 12, 2004</b>
<ul style="list-style-type: none"> <li>• Registration</li> <li>• President's Reception</li> </ul>	<ul style="list-style-type: none"> <li>• Breakfast</li> <li>• Plenary Session</li> <li>• Luncheon Speaker</li> <li>• Technical Sessions &amp; Panels</li> <li>• Oxford Style Debate</li> </ul>	<ul style="list-style-type: none"> <li>• Breakfast and AGM</li> <li>• Technical Sessions &amp; Panels</li> <li>• Luncheon</li> <li>• Technical Tours</li> <li>• Dinner / Social Event at Wainright Hotel</li> </ul>	<ul style="list-style-type: none"> <li>• Breakfast</li> <li>• Technical Sessions &amp; Panels</li> <li>• Awards Luncheon</li> </ul>

There will also be a companion's program (details to be announced) that will include some "not to be missed" visits to major local attractions in the Calgary area.

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### About Calgary, as a "Place to Visit", in May

In Calgary, the mean daily temperature for May is 9.8 degrees Celsius, with an average daily maximum of 16.4 degrees Celsius and a daily minimum of 3.1 degrees Celsius. Conditions at this time of year can vary between balmy "spring like" weather on some days with clear blue skies, or conference visitors might experience an **adventure** known as "the end of winter" under a layer of heavy, moist, "spring snow"! When weather conditions co-operate, visitors who travel to the nearby popular mountain destinations of Banff or Lake Louise, approximately an hour and a half west of the city, can understand the traditional folk song, "When it's Springtime in the Rockies". Generally, May is a season when the spring melting on the eastern slopes of the Canadian Rockies and warming temperatures see the Calgary Foothills region blanketed in greening

hillsides, punctuated by prairie orchids, crocuses and budding / blooming shrubbery of all sorts. Our cultivated agricultural lands, extending north, east and south of the city are humming with machinery, tilling the land and putting in the crops for the new year. Local attractions, within range for a day trip from Calgary include the Tyrell Dinosaur Museum and Alberta Badlands at Drumheller, the famous Rosebud Theatre, Picturesque Kananaskis Country, Canmore (a location featuring many things to do and see, including several Winter Olympic venues) and Cochrane's Ice Cream Parlour. Within the city limits, visitors can enjoy the Glenbow Museum (currently featuring an exhibition of "Bog People" remains from Europe, through May), a visit to Canada Olympic Park, the Olympic Speed Skating Oval, the downtown Eau Claire Market, a choice of Imax theatres and numerous other city attractions.



## Bison Transport Debate

*"This House Resolves That Limits on Foreign Ownership and Control of Canadian Transportation Firms be Abolished."*

The CTRF Board has chosen this as the premise for the 2004 Bison Transport Debate, which has become one of the best attended, most enjoyable functions at the CTRF Annual Meeting. In preparation to defend the Bison Transport title, Barry Prentice is seeking a teammate to replace Fred Nix who is retiring as an undefeated champion (quitter, deserter). Derek Scrafton has agreed to challenge for the prestigious trophy. Derek is also looking for a second. Individuals wishing to volunteer as a candidate for either team may contact Barry or Derek directly or the Debate Moderator, Gordo, at 204-945-1557 or [GTufts@gov.mb.ca](mailto:GTufts@gov.mb.ca)

## Call for CTRF Board Nominations

As in prior years, the CTRF annual meeting in Calgary will include the election of officers to serve for the 2004-2005 term. In developing recommendations for a board "slate", the nominating committee gives attention to regional representation, assuring local coverage of locations for upcoming conferences and a desire to see broad and balanced representation from governmental, university, private sector and various modal constituencies who are involved in CTRF. Another factor that we take in to account is candidate interest and capability. In this regard, should you know of persons who might be prepared to serve on the CTRF board, or have an interest in offering your services to the organization, will you kindly contact one of the members of the nominating committee. Your nomination committee for this year consists of Gerry Kolaitis (past president), Gordon Baldwin (executive vice-president) and Clarence Woudsma (president). Please contact these persons directly at the co-ordinates provided on the CTRF website, or via the secretariat offices. <http://www.ctrf.ca>

# *CTRF Housekeeping*

CTRF is proud to announce the new improved website at [www.ctrf.ca](http://www.ctrf.ca). Only the graphics and cosmetic appearance have changed. All the organizational content remains the same, so things are where they have always been for ease of use. I would like to thank Aliara Design for the new website design.

We do have a CTRF Discussion Site, and with the Annual conference coming up I think we should try to get something going on this. So members, post a thread, reply to a post, tell us what is on your mind and let's get the forum moving on the website. It would be a great place to rehash the conference once it is over. Let's have some fun with this discussion site, remembering to post in good taste.

Conference registrations are beginning to arrive in the office. Please be kind to your secretariat and remember that I work out of my home. The two hour time difference from Ontario means your fax message is my alarm clock!! This is not a pretty sight (ask my hubby!).

And for those of you who have indicated that you would like to receive correspondence by e-mail, please make sure you update your e-mail addresses with me if they change.

Thanks,

Gail Sparks, Secretariat  
[gail.sparks@ctrf.ca](mailto:gail.sparks@ctrf.ca)



## *Past Scholarship Winners*

The Board of Directors decided at a recent meeting that it would be extremely useful to try and establish contact with our numerous previous CTRF scholarship winners. In part, we're very interested in finding out what they're up to now and also, we would like to invite them to re-join the CTRF. If anyone knows of the whereabouts of the following persons, please pass on contact information to the Secretariat - [gail.sparks@ctrf.ca](mailto:gail.sparks@ctrf.ca). If you were a Scholarship Winner and your name is not shown below, it simply means that you are already a current member of CTRF. Thanks for your help with this matter.

John Abraham	Terence Fan	Daniel McKenzie	J.M. Rubio-Ardanaz
Robert Arthur	Marc Fournier	Davie Morin	Paul Salvini
Lisa Aultman-Hall	William Hamlin	Paul Mortenson	Darren Scott
Benard Bendron	James Higginson	Shane Nelson	Adam Snow
Daniel Bergeron	Catherine Hirou	Susan O'Connor	A. Swanson
Attah Boame	S. Hobson	Joanne Palin	Gina Sylvestre
William Bonner	Jianyong Huang	Douglas Parker	Christian Taylor
Dale Bracewell	Pierre Lavigueur	Janice Paslawski	Stephane Vachon
Fred Bullick	Tim Lawson	Doug Patterson	Kevin Washbrook
Mark Burris	Alexandre LeBouthillier	Purvi Rajani	Sarah Wells
Louis Caron	Chris Loly	Melanie Robertson	John Windover
Michelle Delaquis	Dominique Lord	Karen Robichaud	John Windover
Feng Deng	Brian Lucas	Matthew Roorda	Jeff Wood
Scott Deschenes	Greg Mackinnon	Louis-Martin Rousseau	Colleen Yates
J.Elton Fairfield	Link Mark	Monique Roy	Milan Zoranovic

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# President's Message

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Community is a word that resonates with each of us in different ways. The initial thought might be to the communities in which we make our homes and which are the focal points of our family life. In these communities, we play the role of concerned parent, coach, volunteer at school, cleaner of the ice rink in the park and good neighbour; essentially a myriad of possibilities with a common thread. The common thread is that through our individual roles, we feel connected to the greater whole which is our community. Furthermore, we perform these roles for some greater common good in an unselfish manner. Goals like profit, advancement, or personal gain typically do not mesh with community ideals.

The CTRF is a professional organization first and foremost, but one that I feel is more like a community than any other organization I've been involved with. Other groups and companies may employ the "community" analogy as part of a marketing campaign to try and evoke a response from their stakeholders; trying to convey a sense that together, we're all working for a higher ideal. This may be true and I'm not in a position to judge. However, I am very confident in suggesting that the CTRF is closer to our traditional view of community in many ways.

The CTRF is a community of individuals from diverse backgrounds and with a broad range of current responsibilities that they tend to as part of their professional lives. They may be from government, academia, or the private sector – they may be responsible for marketing, operations, analysis or management. They are all involved in transportation in some way and the community ideal – albeit often hard to precisely characterize – is that as part of the CTRF, they share a bond built on an objective, non-partisan interest in transportation research. The key is that it is a volunteer driven community in which collectively, we build our community through unselfish contributions in various roles.

The upcoming 39<sup>th</sup> Annual Conference in Calgary is the CTRF event at which our community comes together and is perhaps most "real". The local organizers have been busy in their role of putting on a fantastic event and many of you have been busy in your roles as transportation researchers – submitting your work for the proceedings and preparing presentations. The Annual Conference is where our community shines and I invite all CTRF members to Calgary to share in this event!

Calgary is a fantastic venue for our conference for many reasons. As a city, Calgary is young, dynamic and riding a wave of growth that is propelling it towards the million population mark faster than most had predicted. It is the gateway to Banff National Park and the fantastic recreational opportunities in the Rocky Mountains an hour to the West. Transportation figures very prominently in the local economy with Calgary establishing itself as Canada's western distribution hub. We are home to major companies like CP, WestJet, Trimac, and Canadian Freightways and firms like WalMart, Sears, and Canadian Tire operate major facilities as well. The sun always shines in Calgary and I guarantee that our event in May will have sunshine – among other weather potentials. If you haven't been to Calgary, you're in for a fantastic experience; if you've been, you know it's going to be an outstanding visit. We're really excited to be hosting the CTRF Annual; it's a great city for our community to gather in so pull on your cowboy boots and we'll see you in May!

## — Message du président —

Le mot communauté résonne différemment en chacun de nous. Le premier sens pourrait référer aux collectivités dans lesquelles se trouvent nos maisons et où s'inscrit notre vie familiale. Dans de telles collectivités, nous jouons les rôles de parents responsables, d'entraîneurs de sport, de bénévoles à l'école; nous nettoions la glace des patinoires dans les parcs et tâchons d'être de bons voisins. Il s'agit là d'une gamme de possibilités avec un même fil conducteur. À cet égard, ce dernier se retrouve à travers nos rôles individuels, alors que nous nous sentons rattachés à un ensemble plus grand qui est notre communauté. De plus, nous assumons de tels rôles pour un meilleur bien commun sans égoïsme aucun. Des objectifs tels que le profit, la progression dans la carrière ou le gain individuel ne correspondent pas du tout aux idéaux communautaires.

Le GRTC est avant tout une organisation professionnelle mais je sens qu'elle est plus proche du contenu communautaire que toute autre dans laquelle je suis impliqué. D'autres groupes ou entreprises peuvent recourir à l'analogie communautaire dans une campagne de marketing pour susciter une réaction de la part des personnes intéressées, tentant ainsi de véhiculer l'idée que nous travaillons tous pour un idéal plus élevé. Cela peut être vrai et je ne suis pas en mesure de juger. Cependant, je suis très confiant quand j'affirme que le GRTC est plus proche, à plusieurs égards, de notre conception traditionnelle de la communauté.

Le GRTC est une communauté d'individus de diverses origines et formations, avec un large éventail de responsabilités actuelles liées à leur vie professionnelle. Ils peuvent provenir des gouvernements, du monde académique ou du secteur privé; ils peuvent assumer des responsabilités en matière de marketing, d'opérations, d'analyse ou de gestion. Ils sont tous impliqués d'une manière ou l'autre dans le transport, et l'idéal communautaire - même s'il est souvent difficile à définir clairement - existe au sein du GRTC, les membres étant engagés dans des travaux de recherche en transport désintéressés. La clé en la matière est qu'il s'agit d'un groupe animé d'un réel volontariat et au sein duquel nous construisons collectivement notre communauté à travers des contributions et un engagement désintéressés.

La prochaine 39<sup>e</sup> conférence annuelle à Calgary constitue l'événement du GRTC où notre communauté se retrouve et où elle se manifeste dans sa pleine réalité. Les organisateurs locaux ont été fort occupés à mettre sur pied un événement fantastique et vous êtes nombreux à être occupés dans vos rôles de chercheurs en transport, soumettant vos travaux pour les Actes et préparant des présentations. La conférence annuelle est l'occasion pour notre communauté de briller et j'invite tous les membres du GRTC à Calgary à être parties à cet événement!

Calgary est une destination extraordinaire pour notre conférence, et ce pour plusieurs raisons. La ville de Calgary est jeune, dynamique et maintient un cap de la croissance qui la propulse vers le million d'habitant, plus rapidement que toutes les prévisions avaient pu l'indiquer. C'est la porte d'entrée du Park national de Banff et des opportunités récréatives fantastiques des Montagnes Rocheuses, à une heure vers l'ouest. Le transport occupe une place considérable dans l'économie locale, Calgary devenant le pivot de la distribution de l'Ouest canadien. Elle est le siège de grandes entreprises telles que le CP, Westjet, Trimac et Canadian Freightways; des firmes comme WalMart, Sears et Canadian Tire y opèrent des installations majeures. Le soleil brille toujours à Calgary et je vous garantis que notre rencontre sera ensoleillée en mai, en plus d'autres avantages potentiels quant au temps. Si vous ne connaissez pas Calgary, vous vivrez une expérience inoubliable; si vous y avez déjà séjourné, vous savez qu'il s'agira pour vous d'une visite pas ordinaire. Nous sommes réellement très heureux d'accueillir la conférence annuelle du GRTC; c'est une grande ville pour les retrouvailles de notre communauté...et qui vous attends, chassés de vos bottes de cowboy. À mai prochain!



## Upcoming Events

### **TRF ANNUAL FORUM UPDATE**

Scott E. Tarry, TRF Program Vice President

The TRF Annual Forum, which brings together people from across the field of transportation and from around the North America, will be held at Northwestern University's Transportation Center in Evanston, Illinois from March 21-23, 2004. The annual forum is being held in conjunction with the Transportation Center's 50<sup>th</sup> Anniversary.

The annual forum program, which is available on the new and improved TRF website at [www.trforum.org](http://www.trforum.org) along with other information about the conference, has something for everyone with an interest in transportation. Maintaining TRF's rich tradition of cutting across modes and disciplines as well as bringing together policy makers, practitioners, and transportation scholars, this year's program also showcases some of the interesting transportation issues in the Chicago region. The conference will begin with a

plenary panel session on the CREATE (Chicago Regional Environmental and Transportation Efficiency) Project, which involves an extensive public/private partnership to overhaul the rail system in the Chicago area. Other panels with a local flavor include a panel on the lessons learned from the nearly completed Midway Airport project, which is an extensive renovation of one of the nation's busiest airports.

The conference keynote address will be delivered at the Tuesday luncheon by Emil Frankel, Assistant Secretary for Transportation Policy, U.S. Department of Transportation. In addition to Mr. Frankel's address, the luncheon provides an opportunity for TRF to recognize excellence in transportation research and service to the organization.

Conference attendees with an interest in technological innovation and change will have the opportunity to learn about new

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**Release: Immediate, February 16, 2004**

## **CPR PRESIDENT ROB RITCHIE NAMED TRANSPORTATION PERSON OF THE YEAR FOR 2004**

Rob Ritchie, President and Chief Executive Officer of Canadian Pacific Railway, today was named National Transportation Week –Transportation Person of the Year for 2004, recognizing his extensive contribution to the rail industry in Canada.

Transportation Person of the Year is awarded annually to an individual who has assumed a leadership role that has contributed to significant improvements or advancements in the transportation industry in Canada. Mr. Ritchie was chosen as the recipient of the award by National Transportation Week Inc., a national organization supported by organizations, associations and governments dedicated to promoting a better understanding of the role of transportation in society. The award will be presented to Mr. Ritchie by the federal Minister of Transport at a gala presentation in Ottawa, Ontario, on June 3, 2004 to mark National Transportation Week across Canada, June 3-12, 2004.

A career railroader with more than three decades at CPR, Mr. Ritchie has held senior positions in both rail operations and marketing. He was appointed President and CEO of CPR in 1995. Since then, he has:

- converted locomotive power on CPR to alternating current technology, a transition on a technological level not seen since the conversion to diesel from steam in the 1950s;
- become the rail industry's most outspoken proponent of modern-day alliances, maintaining that alliances can achieve the commercial and operating benefits desired in corporate mergers without the risks;
- become a leading advocate of public-private partnerships that, with government investment as a catalyst, can provide rail services that are in the public interest;
- shifted CPR to fully integrated scheduled railway operations, from tonnage-based operations – a success that won the prestigious international Franz Edelman Award in 2003;
- introduced the concept of mid-train remote-controlled locomotives in intermodal freight trains, enabling CPR to run intermodal trains approaching 3 km in length through the winter;

- initiated a unique co-location strategy whereby some of the largest domestic intermodal shippers in Canada have located their regional facilities next to CPR terminals;
- launched the only modern roll-on/roll-off system in the world for moving truck trailers by rail, converting truck companies to CPR customers.

Mr. Ritchie said: "Rail transportation has been essential to the economic vitality of Canada and is taking on an even more critical role as Canadians compete in the global economy. It is an honor to be recognized by an organization dedicated to promoting greater appreciation for this role. The NTW award is in recognition of the results of teamwork at CPR. The CPR team has given Canadians a world-class rail network for well over a century and is working toward a future in which rail plays an increasingly important role in Canadian society."

Mr. Ritchie is a member of the Canadian Railway Hall of Fame, and was elected to the post of president of the Railway Association of Canada in 2001.

Attached is a backgrounder listing previous winners of the National Transportation Person of the Year Award.

For more information, contact:

NTW		Len Cocolicchio
Tim Clarke		Senior Manager Public Affairs
Executive Director	or	Canadian Pacific Railways
Ph: 403 374 - 1175		Ph: 403-319-7591
Email :ntwsnt@igs.net		Email: len_cocolicchio@cpr.ca

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# **LE PRÉSIDENT DU CFCP ROBERT J. RITCHIE EST NOMMÉ PERSONNALITÉ DE L'ANNÉE DANS LE DOMAINE DES TRANSPORTS 2004**

Le président et chef de la direction du Chemin de fer Canadien Pacifique (CFCP) Robert J. Ritchie a été nommé aujourd'hui Personnalité de l'année dans le domaine des transports 2004 dans le cadre de la Semaine nationale des transports. Ce titre souligne le rôle important qu'il a joué dans l'industrie ferroviaire au Canada.

Le titre de Personnalité de l'année dans le domaine des transports est décerné à chaque année à une personne qui, par son leadership, a grandement contribué à améliorer ou à faire avancer l'industrie des transports au Canada. M. Ritchie a été choisi par la Semaine nationale des transports Inc., un organisme national qui a l'appui d'organismes, d'associations et de gouvernements voués à faire mieux comprendre le rôle des transports dans la société. M. Ritchie recevra son prix du ministre fédéral des Transports, à Ottawa, en Ontario, le 3 juin 2004, lors de la cérémonie de gala organisée pour inaugurer la Semaine nationale des transports, qui sera célébrée du 3 au 12 juin 2004 partout au Canada.

Pendant sa longue carrière dans le domaine ferroviaire, soit plus de 30 ans au service du CFCP, M. Ritchie a occupé divers postes importants, tant dans le domaine des opérations ferroviaires que dans le domaine du marketing. Il a été nommé président et chef de la direction du CFCP en 1995. Voici quelques-unes de ses réalisations :

- Il a converti le mode de propulsion des locomotives du CFCP en introduisant la technologie de courant alternatif, une transition sur le plan technologique que l'on n'avait pas vue depuis que la locomotive diesel a remplacé la locomotive à vapeur dans les années 1950.
- Il est devenu le plus ardent promoteur des alliances modernes au sein de l'industrie ferroviaire. Selon lui, de telles alliances permettent de procurer les avantages commerciaux et opérationnels souhaités des fusions de sociétés, mais sans les risques.
- Il est devenu le principal défenseur des partenariats publics-privés qui, à l'aide d'investissements gouvernementaux servant de catalyseurs, peuvent offrir des services ferroviaires qui répondent aux besoins du public.
- Il a fait passer le CFCP des opérations en fonction de la jauge aux opérations ferroviaires régulières entièrement intégrées,

une réussite qui a remporté le prestigieux prix Franz Edelman en 2003.

- Il a introduit le concept de locomotives télécommandées au milieu du convoi des trains de marchandises intermodaux. Ces locomotives permettent au CFCP d'exploiter des trains intermodaux de près de 3 km pendant l'hiver.
- Il a initié une stratégie unique de colocation grâce à laquelle quelques-uns des principaux expéditeurs intermodaux nationaux ont aménagé leurs installations régionales près des terminaux du CFCP.
- Enfin, il a lancé le seul système moderne de roulage au monde permettant de déplacer les remorques routières par voie ferroviaire, faisant ainsi des entreprises de camionnage des clients du CFCP.

Selon M. Ritchie : « Le transport ferroviaire a été un élément essentiel à la vitalité économique du Canada, et il assume un rôle plus important au moment où les Canadiens font face à la concurrence mondiale. C'est pour moi un grand honneur que d'obtenir une reconnaissance par un organisme voué à mieux faire comprendre ce rôle. Le prix de la SNT permet de reconnaître le fruit du travail d'équipe chez CFCP. L'équipe du CFCP permet aux Canadiens d'accéder à un réseau ferroviaire de premier ordre depuis plus d'un siècle, et travaille pour un avenir dans lequel le transport ferroviaire jouera un rôle encore plus important dans la société canadienne. »

M. Ritchie est membre du Temple de la renommée des chemins de fer canadiens, et a été nommé président de l'Association des chemins de fer du Canada en 2001.

On trouvera ci-joint une liste des lauréats du prix de Personnalité de l'année dans le domaine des transports des années passées.

Pour plus de renseignements, veuillez communiquer avec :

SNT		Len Cocolicchio
Tim Clarke		Senior Manager Public Affairs
Directeur exécutif	or	Canadian Pacific Railways
Téléphone : (403) 374-1175		Ph: 403-319-7591
Courriel : ntwst@igs.net		Email: len_cocolicchio@cpr.ca

## Upcoming Events

### **TRF ANNUAL FORUM UPDATE continued from page 5**

technologies in rail and aviation, as well as innovative applications of remote sensing and geographic information systems technology in the area of transportation planning. Other technology panels will focus on positive train control, NASA's Small Aircraft Transportation System, and the use of information technology in transportation archives and libraries.

The TRF Annual Forum offers the best of both worlds. It is large enough to provide a diverse program, while being small enough to give participants the opportunity to get to know one another and establish working relationships that extend well beyond the conference. With the help of Ian Savage, Bob Gallamore, and Diana Marek of Northwestern University, as well as TRF's new Executive Director, Gene Griffin and his staff at the Upper Great Plains Transportation Institute, this year's conference promises to honor TRF's proud past while building for the organization's exciting future.

*Scott E. Tarry is the TRF Program Vice President and can be reached at [starry@mail.unomaha.edu](mailto:starry@mail.unomaha.edu)*

## **GTA TRANSPORTATION SUMMIT**

Please be advised of our upcoming conference, the **GTA TRANSPORTATION SUMMIT**, to be held on Thursday March 25th and Friday March 26th, at Ontario Place, Toronto.

Discover and participate in the new Action Plan for Future Transportation Planning in the GTA, and listen to the opening address from the Minister of Transportation, the Honourable Harinder Takhar.

With an unprecedented period of growing cooperation with all three levels of government, debate and strategize with other private sector and public sector players in moving transportation solutions forward.

Also listen to the various case studies from transit authorities from various North American locations.

For further details, or to register, please call 416-944-9200, ext 272.

Roy Lee  
Business Development Executive  
Strategy Institute  
T: 416-944-9200 Ext.272  
F: 416-944-0403  
[roy@strategyinstitute.com](mailto:roy@strategyinstitute.com)  
[www.Strategyinstitute.com](http://www.Strategyinstitute.com)