Transport Institute Ten Steps to Pandemic Preparedness

(Adapted from material presented by Paul D. Larson at CITT’s Reposition 2008 in Winnipeg)

During mid-April, swine influenza A (H1N1) was detected in North America. By July 31, 2009, there were 162,380 confirmed cases of H1N1 around the world—and 1,154 deaths. Meanwhile, since 1997, avian influenza A (H5N1) has infected 436 people and killed 262 of those infected. With the highly contagious H1N1 and the deadly H5N1 in our midst, the Transport Institute has developed the following ten steps to move organizations toward pandemic preparedness.

1. **Open or closed?** Will your facility remain open or be closed? Under what conditions will you close, and for how long? What specific events will trigger the decision to close (e.g. number of absent employees; interruption of essential utility services, such as electricity, water or telephone; degree to which your customers rely on you; the nature of your loss of profit insurance)?

2. **Key people.** Who are your key people? What are their critical skills? Could you carry on if 40% of these people were absent? Are your people cross-trained, i.e. able to do each others jobs? Are they setup to work from home temporarily?

3. **Core activities.** What are your core activities? Which of these can be outsourced on short notice, if necessary?

4. **Customers and competitors.** What will become of your customers? What about your competitors?

5. **Supply shortages.** How will you handle possible supply shortages? Who are your key suppliers? What are the most critical products (and services) needed to keep you going? Are you able to stockpile these products? Do you have secondary sources?

6. **Communication.** How will you communicate your pandemic plan to staff, customers, suppliers, etc.? How will you communicate with these groups during the pandemic?

cont. on page 2.....
Manitoba and Canada,” said Dr. Glenn Feltham, Dean of the Asper School of Business. “His focus will be to encourage and stimulate research and programming in transportation, SCM, as well as support graduate students.”

Feltham said railways play an integral role in North American transportation, so it’s fitting that CN - an industry leader - would take an active role in the academic study that will shape commerce in the future.

“CN’s generous support of our program through the CN Professorship again demonstrates its commitment to Manitoba and the development of world-class education in this country,” he added.

Mike Cory, CN Senior Vice-President, Western Region, said Dr. Larson’s appointment reflects the growing importance of academic study of transportation issues.

“The University of Manitoba and the Asper School of Business do a tremendous job in promoting a deeper understanding of the industry and its complex role in the global economy,” Cory said. “By investing in the CN Professorship in the Department of Supply Chain Management, we’re helping develop graduates ready to guide the rail industry in the 21st century.”

About CN
CN – Canadian National Railway Company and its operating railway subsidiaries spans Canada and mid-America, from the Atlantic and Pacific oceans to the Gulf of Mexico, serving the ports of Vancouver, Prince Rupert, B.C., Montreal, Halifax, New Orleans, and Mobile, Ala., and the key metropolitan areas of Toronto, Buffalo, Chicago, Detroit, Duluth, Minn./Superior, Wis., Green Bay, Wis., Minneapolis/St. Paul, Memphis, and Jackson, Miss., with connections to all points in North America.

Through the CN Stronger Communities Fund, the company supports health and safety programs for young people, transportation education, the CN Railroaders in the Community employee volunteer grant program and United Way. CN is committed as an Imagine Caring Company to contribute one per cent of pre-tax profit to registered, non-profit organizations in communities where our employees work and where we operate our business.
On October 8, 2008, the University of Manitoba Transport Institute presented our first Manitoba Outlook on Transportation. More than 130 Manitoba leaders in business, government, and the academic field gathered at the Hotel Fort Garry for the first Outlook.

Much has changed since last October. Oil prices are down and the U.S. dollar has regained some strength. The global economy is in recession. Transportation policy makers and supply chain managers continue to face turbulent, uncertain times.

Inspired by these new developments, the Transport Institute is pleased to announce our second Manitoba Outlook on Transportation, to be presented Wednesday, October 7, 2009 at the Delta Winnipeg. Breakfast and networking commence at 8:30 a.m., with the presentation scheduled to start at 9:00 a.m. Outlook 2009 will present new information and interpret recent developments in transportation and logistics. Register early to reserve your spot! Your registration includes a copy of the Outlook 2009 presentation, a new Transport Institute white paper on inland ports, and continental breakfast—all for just $29.99 (gst included)!

Register Now to reserve your spot! Space is limited and last year’s event sold out! Join us from 8:30 a.m. to 10 a.m. on October 7 at the Delta Winnipeg, 350 St. Mary Avenue.

Fax the registration form to 204.474.7530 Payment can be made by cash, cheque or credit card (VISA and Master Card only).

Name:_______________________________________ Title________________

Company______________________________________________________

Address_______________________________________________________

City/Prov________________________ Postal Code_____________________

Phone:_________________________ Email:__________________________

Payment Method (circle one) CASH CHEQUE VISA MASTERCARD

Credit Card #________________________ exp._____________

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Registrations are transferable, but not refundable
Humanitarian Logistics: Relationship Building in Relief Supply Chains

The University of Manitoba Supply Chain Management Department and Transport Institute, in conjunction with the Humanitarian Logistics and Supply Chain Research (HUMLOG) Institute in Helsinki, Finland, are pleased to announce our first Humanitarian Logistics Conference and Workshop. This event will occur October 15-16, 2009 at the Lord Elgin Hotel in Ottawa, with a focus on relationship building in humanitarian relief supply chains.

The delivery of humanitarian relief requires coordination between a variety of organisations with diverse missions, including humanitarian non-governmental organisations (NGOs), government agencies, the United Nations, national militaries, and private-sector suppliers. Building effective supply chain relationships among these entities can stretch donor dollars—and save lives.

October 15 will be a conference featuring leading humanitarian practitioners as speakers. The conference agenda will available soon at the Transport Institute website. October 16 will be a hands-on workshop, during which participants will apply relationship building techniques in the context of a humanitarian relief scenario.

Monument to Canadian Aid Workers
Rideau Falls Park, Ottawa, Canada
Humanitarian Logistics Conference: Relationship Building in Humanitarian Relief Supply Chains

October 15 & 16, 2009
The Lord Elgin Hotel, Ottawa, Ontario

Registration Form

Name: __________________________________________ Title: _______________________

Company: ________________________________________________________________

Address: ___________________________________________________________________

City/Province: __________________________________________ Postal Code: __________

Phone: ________________________________ Email: _____________________________

Early Bird Rate (Register and pay before August 31, 2009)

____ $275 Canadian per person (includes conference, workshop, breakfasts, breaks, luncheons & the October 15 reception)

After August 31, the rates will rise to $325 Canadian per person.

One-day rates are available; please contact us for more information.

To register, fax or email this form to:

Kathy Chmelnytzki, Event Coordinator, Transport Institute, 631-181 Freedman Crescent, Winnipeg, Manitoba R3T 5V4 Fax: 204.474.7530 Email: transport_institute@umanitoba.ca

Payment can be made by cash, cheque or credit card (VISA or MasterCard only)

Please circle one:   VISA   MASTERCARD

Card Number: _____________________________ Expiry Date: _________________

Cardholder Name: __________________________________
(Please print)

Cardholder Signature: ________________________________

Note: If you prefer, credit card information can be phoned in to our office at 204.474.9097.
Since 2006, the Transport Institute has produced an annual report, *Federal Transportation Spending and Revenues*. The purpose of this report is to present readers with a general overview of government spending, revenues, and subsidies related to transportation. The 2009 report covers a time period between 1987/88 through 2006/07 and includes a five year forecast to the year 2011/2012. Forecasts are calculated using linear regression based on approximately five years of historical data. This report is strictly quantitative in nature and does not delve into any qualitative analysis.

In the fiscal year 2006/07, the federal transportation surplus was $2.0 billion. This was a decrease from the previous year of nearly 11%, or $257 million. The annual federal transportation surplus/deficit is displayed in Figure A.

**Figure A: Federal Transportation Surplus/Deficit, 1987/88 to 2011/12**

The surplus began in 1992/93 with an increase in the fuel tax revenues and a decrease in total gross spending and grew 100 times over (1992/93 to 1999/00). In 2000/01, the trend shifted to a slow decrease of the annual surplus, and with the exception of 2002/03 this trend has held. The trend has been largely due to an increase in spending by the Federal Government and a decrease in collected revenues.

In the fiscal year 2006/07, Federal transportation spending was $3.6 billion. Federal spending is based on payments made by the federal departments/agencies that are involved in transportation development and renewal including Transport Canada, Canadian Air Transport Security Authority [CATSA], Fisheries and Oceans (via the Coast Guard, Small Fishing Ports and Harbours), Public Works Canada, Parks Canada, and Indian and Northern Affairs. Overall transportation spending by the Federal government has been increasing since 2002/03. Forecasts project that overall spending will continue to increase (approximately 5% annually), totaling $4.6 billion by 2011/12. The historic and projected Federal transportation spending by Transport Canada and “Other” Federal departments are displayed in Figure B.

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1 The use of linear regression as a quantitative forecasting tool can be limited within the qualitatively influenced subject of government spending.

2 The reason for the variance in 2002/03 was the introduction of the “Air Travellers Security Charge”
In the fiscal year 2006/07, the transportation deficit incurred by provincial/territorial and municipal governments was over $13.3 billion.
This was the second largest deficit in the previous 10 years (the largest occurring the previous year at a cost of approximately $13.7 billion). Figure C displays the transportation spending deficits incurred by provincial and municipal governments from 1994/95 to 2011/12.

Since 2003/04 the transportation deficit of non-federal governments has been steadily growing. The reduced deficit for 2006/07 appears to be the result of reduced capital investments and transfer payments to other departments/municipalities (rather than an increase in revenues).
FALL 2009 COURSE OFFERINGS – deadline for Fall Registration is September 4, 2009

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<tr>
<th>COURSE NAME</th>
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<tr>
<td>LOGISTICS FUNDAMENTALS</td>
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<td>Instructor: Prof. Matthew Morris</td>
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<td>Tuesdays, Starting September 15, 2009</td>
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| MARKETING SERVICES                   | 924.056       | $595 |
| 6:00 to 9:00 p.m.                    |               |      |
| Instructor: Paul Nyhof               |               |      |
| Thursdays, Starting September 17, 2009 |             |      |
| Room 537 Drake                       |               |      |

Please make your cheque payable to: University of Manitoba.
Submit with completed forms by mail to:
Transport Institute, University of Manitoba, 616 - 181 Freedman Cres., Winnipeg, MB R3T 5V4.

Faxed forms are considered **pre-registered only** until payment is received:
Fax: (204) 474-7530

Student’s Signature __________________________ Date __________________

Note: minimum registration numbers of 10 students per course are required in order for all courses to proceed – classes are subject to cancellation if minimum numbers are not met.
November 25, 2009
Delta Winnipeg
Winnipeg, Manitoba

Mark your calendar now for the 14th Annual Fields on Wheels Conference. While this year’s agenda is still being finalized, the 14th Annual Fields on Wheels promises to be bigger and better than ever. To reserve a guestroom, call the Delta Winnipeg at 1-888-311-4990 and quote Transport Institute Fields on Wheels to receive the Group Rate of $109 per night.

The Regular registration fee for the conference is $350 Cdn. per person. Register and Pay before September 30, 2009 and receive the Early Bird Rate of $295 Cdn. per person.

REGISTRATION FORM

NAME _____________________________________   TITLE ______________________________

ORGANIZATION _________________________________________________________________

ADDRESS ______________________________________________________________________

POSTAL CODE ___________________ CITY________________________PROV_______________

TELEPHONE____________________________ FAX _____________________________________

E-MAIL ADDRESS_________________________________________________________________

Please advise us if you have any food restrictions (allergies/vegetarian, etc.)

______________________________________________________________

_____ EARLY BIRD FEE: $295 Canadian Funds per person

_____ Regular REGISTRATION FEE - $350.00 Canadian Funds per person (after September 30)

(Price includes GST R119260669)

DEADLINE FOR REGISTRATION is November 23, 2009.

Please note: Seating is limited. Registration is transferable but non-refundable

Fax your registration form to: 204-474-7530
Mail payment to:    TRANSPORT INSTITUTE
631–181 Freedman Crescent
Winnipeg, MB    R3T 5V4

Payment must be received in advance.

Money Order

Cheque

VISA/ M/C #_______________________ Exp. Date ___ /____

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Please make cheque or money order payable to THE UNIVERSITY OF MANITOBA.
Calendar of Events

**Material Handling and Logistics Conference**
September 13-19, 2009
Grand Summit Resort Hotel & Conference Center
Park City, Utah
[www.mhc2009.com](http://www.mhc2009.com)

**CSCMP Annual Global Conference 2009**
September 20-23, 2009
McCormick Place West
Chicago, Illinois
[http://csmpconference.org/default.asp](http://csmpconference.org/default.asp)

**Green Supply Chain Tour: Winnipeg**
*Cross Canada Breakfast Briefing*
October 1, 2009
[www.sclcanada.org](http://www.sclcanada.org)

**Manitoba Outlook on Transportation 2009**
October 7, 2009
Delta Winnipeg
Winnipeg, Manitoba
[www.umti.ca](http://www.umti.ca)

**Airships to the Arctic V**
October 7-9, 2009
Coast Plaza Conference Hotel
Calgary, Alberta
[www.airshipstothearctic.com](http://www.airshipstothearctic.com)

**2009 Humanitarian Logistics Conference**
October 15 & 16, 2009
The Lord Elgin Hotel
Ottawa, Ontario
Email transport_institute@umanitoba.ca for details on how to register

**2009 TAC Annual Conference & Exhibition Transportation in a Climate of Change**
October 18-21, 2009
Vancouver, British Columbia
[www.tac-atc.ca/english/annualconference/program.cfm](http://www.tac-atc.ca/english/annualconference/program.cfm)

**National Urban Freight Conference 2009**
October 21-23, 2009
Hotel Maya
Long Beach, California
[www.mettrans.org](http://www.mettrans.org)

**OIPMAC 12th Annual Conference**
October 23-24, 2009
Hampton Inn Ottawa
Ottawa, Ontario
[www.citt.ca/events](http://www.citt.ca/events)

**4th International Conference on Women’s Issues in Transportation**
October 27-30, 2009
TRB (Transportation Research Board)
Arnold and Mabel Beckman Conference Center of the National Academies
Irvine, California
[www.trb.com](http://www.trb.com)

**7th Symposium on Supply Chain Management**
October 28-30
Grand Hotel & Suites
Toronto, Ontario
[www.scmsymposium.org](http://www.scmsymposium.org)

**14th Annual Fields on Wheels Conference**
November 25, 2009
Delta Winnipeg
Winnipeg, Manitoba
[www.umti.ca](http://www.umti.ca)

If you have an upcoming event that you would like to see posted in the Dispatch, please send an email to transport_institute@umanitoba.ca with event details.
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