

Transportation Tidbits



Greetings!

Welcome to the August issue of the Transportation Tidbits Newsletter. In this issue you can find information on graduate school news and recent/upcoming happenings in the transportation field. This issue also includes a variety of upcoming transportation conferences, workshops, and webinars you may be interested in. Please feel free to [let us know](#) if you have any questions or comments. Enjoy!

Important Dates for NDSU Students

8/7: Graduate student Final Disquisition copies due for August graduation

8/7: Last day of Summer classes

8/13: Summer grade access begins online

8/16: Late fee applied to unpaid account

SHRP2 Education Connection Award

We would like to recognize Dr. EunSu Lee for being awarded the SHRP2 Education Connection Award for North Dakota State University - Upper Great Plains Transportation Institute.



The second Strategic Highway Research Program (SHRP2) Education Connection initiative is designed to help academia incorporate SHRP2 Solutions into existing transportation curricula. The Federal Highway Administration (FHWA) and the American Association of State Highway and Transportation Officials (AASHTO) are pleased to announce 10 universities as recipients of SHRP2 Education Connection cooperative agreements. Each university will incorporate one or more SHRP2 products into its current lesson plans. NDSU/UGPTI will be awarded the following SHRP2 products.

Incorporating Reliability Performance Measures in Operations and Planning Modeling Tools (L04):

The emphasis in Project L04 was on improving traffic operations and planning models to reflect travel time reliability and generate travel time reliability as a model output. Phases I and II focused on incorporating travel time reliability in such models. Phase III considered ways to account for the feedback between travel demand and traffic conditions on the network, such as traffic impedances including the variability of travel time.

balances

8/24: Classes begin at 4:00 p.m.

8/25: First full day of classes

Recent News Updates

[Maritime Solutions for the Big Apple's Growth](#)

[Improving safety on county-owned roads](#)

[Seeking Innovators for 2015 Champions of Change in Transportation](#)

[FHWA Unveils New Tunnel Inspection Program](#)

[P3s Another Valuable Tool for Transportation Investment](#)

[NHTSA hands Fiat Chrysler record penalty](#)

UG

The objectives of this project were to develop the capability of producing measures of reliability performance as output in traffic simulation models and planning models, and determine how travel demand forecasting models can use reliability measures to produce revised estimates of travel patterns.

Reliability Archive: The SHRP 2 Reliability Archive is a repository that stores the rich data and information from SHRP 2 Reliability and Reliability-related projects. These projects produce various resources, e.g., raw datasets, analysis results, tools and models, and documentation. The SHRP 2 Reliability Archive makes these valuable artifacts accessible to researchers and practitioners via the Internet. The Archive aims to preserve the data and information for more than 25 years.

To learn more about this awards, the universities recognized, and the SHRP2 products issued visit <http://www.fhwa.dot.gov/GoSHRP2>.

Webinars

Check out this list of upcoming [webinars](#) offered by the Transportation Research Board. All participants must register at least 24 hours in advance of the webinar. If you missed a webinar and would like to know more about it [click here](#) for further instructions.

- **August 6, 2015** - [Using the New Research in Progress \(RIP\) Project Entry Interface](#)
- **August 12, 2015** - [Best Practices and Strategies for Assessing Economic Implications of Disinvestment or Right-Sizing Scenarios](#)
- **August 13, 2015** - [Transportation Revenue Forecasting in the States](#)
- **August 18, 2015** - [Flexible Pavement Preservation - Research Results](#)
- **August 19, 2015** - [Innovative Intersections for Pedestrians and Bicycles](#)
- **August 24, 2015** - [Mechanisms and Mitigation Strategies for Reflective Cracking in Rehabilitated Pavements](#)
- **August 26, 2015** - [Connected Vehicle Tracking to Improve Operational Efficiency](#)
- **August 27, 2015** - [Guidance and Considerations for Improving Airport Terminal Amenities](#)
- **August 31, 2015** - [Seismic Pushover Analysis Using AASHTO Guide Specifications for Load and Resistance Factor Design \(LRFD\) Seismic Bridge Design](#)

Upcoming Conferences

- **44th Annual International Congress and Exposition on Noise Control Engineering (Inter-Noise)**
 - August 9-12, 2015

PTI in the Spotlight

[Safety Talk - Electric Tools](#)

[Monthly Grain Industry Reports Updated](#)

[Bakken Briefing - What are Right of Way \(ROW\) Easements?](#)

[Bus Rapid Transit: A Capital Idea: A view of BRT in State Capitals - Spring 2015](#)

[Employment Opportunity - Associate Director TLN/Special Projects Engineer-Analyst](#)

[Vehicle Weight Enforcement: A Proven Best Practice](#)

- [San Francisco, California](#)

- **9th International Conference on Road and Airfield Pavement Technology**
 - [August 9-13, 2015](#)
 - [Dalian, China](#)
- **8th New York City Bridge Conference**
 - [August 24-25, 2015](#)
 - [New York City](#)
- **Transit GIS Conference**
 - [September 1-3, 2015,](#)
 - [Washington, D.C.](#)
- **Third Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures (SMAR 2015)***
 - [September 7-9, 2015](#)
 - [Antalya, Turkey](#)
- **International Conference on Transportation System Resilience to Climate Change and Extreme Weather Events**
 - [September 16-18, 2015](#)
 - [Washington, D.C.](#)
- **2015 International Conference on Ecology and Transportation (ICOET)***
 - [September 20-24, 2015](#)
 - [Raleigh, North Carolina](#)
- **The Fourth International Orthotropic Bridge Conference***
 - [September 21-25, 2015](#)
 - [Tianjin, China](#)
- **11th National Access Management Conference: Access Management Across the Modes***
 - [September 21-25, 2015](#)
 - [Seattle, Washington](#)
- **2015 AASHTO Annual Meeting**
 - [September 24-28, 2015](#)
 - [Chicago, Illinois](#)
- **European Transport Conference***
 - [September 28-30, 2015](#)
 - [Frankfurt, Germany](#)
- **2015 ND GIS Users Conference**
 - [September 28-29, 2015](#)
 - [Fargo, North Dakota](#)

- **2015 APTA Annual Meeting**
 - October 4-7, 2015
 - San Francisco, California
- **5th International Road Safety and Simulation***
 - October 6-8, 2015
 - Orlando, Florida
- **National Transportation Training Directors (NTTD) Annual Meeting**
 - October 25-29, 2015
 - Salt Lake City, Utah

Workshops/ Meetings

- **International Symposium on Systematic Approaches to Environmental Sustainability in Transportation**
 - August 2-5, 2015
 - Fairbanks, Alaska
- **Geotechnical Risk Assessment and Performance Management**
 - September 14, 2015,
 - Sturbridge, Massachusetts
- **International Symposium on Non-Destructive Testing in Civil Engineering (NDT-CE)**
 - September 15-17, 2015
 - Berlin, Germany
- **2015 Environmental Analysis in Transportation Summer Workshop**
 - September 20-23, 2015
 - San Diego, California
- **International Symposium on Frontiers of Road and Airport Engineering (IFRAE 2015)**
 - October 26-28, 2015
 - Shanghai, China
- **Commodity Flow Survey Workshop**
 - October 29, 2015
 - Washington, D.C.

CBTC: Communications-Based Train Control



Learn all about CBTC, the future of the New York City Subway.

NDSU UPPER GREAT PLAINS
TRANSPORTATION INSTITUTE

If you have items you would like to submit for our next monthly tidbits newsletter, please email Jody Wendt at jody.wendt@ndsu.edu by the 15th of the month.