



U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

REGION 10 BULLETIN NO: 2010-61

Subject: Optimization Models for Prioritizing Bus Stop Facility Investments for Riders with Disabilities Webinar

Program Area: Webinar

Date: August 12, 2010

The National Transit Institute (NTI) will be sponsoring a **FREE** webinar (\$0 for consultants and contractors) **“Optimization Models for Prioritizing Bus Stop Facility Investments for Riders with Disabilities”** in New Brunswick, NJ on August 25, 2010 from 2:00 – 3:30 pm Eastern Time.

The Federal Transit Administration (FTA) continues to offer research that is invaluable to transit professional. The following 120-minute webinar is a continued effort on behalf of two distinguished researchers from the Florida International University Lehman Center for Transportation Research. This research was sponsored by FTA Office of Research, Demonstration, and Innovation, Office of Mobility Innovation.

The webinar is intended for transit professionals interested in issues related to the Americans with Disabilities Act (ADA), Bus Stop Accessibility, Geographic Information Systems, Multi-Objective Optimization, and Analytic Hierarchy Process.

The purpose of the research was to develop a scientific method to help prioritize bus stops for accessibility improvements for riders with disabilities. Two optimization models were proposed and evaluated. Based on a case study using data from the Broward County Transit in Florida, the models were found to produce a list of bus stops what would extend the greatest benefits to riders with disabilities.

This report details the following topics:

- Identifying the bus stop accessibility requirements
- Identifying the factors affecting accessibility
- Preparing the required data for model input
- Formulating the optimization models and
- Evaluating the model performance

It is hoped that the proposed approach provides a more objective method of allocating the often limited resources for bus stop improvements.

Bulletin – Optimization Models for Prioritizing Bus Stop Facility Investments for Riders with Disabilities Webinar

The webinar will be presented by Dr. Wanyang Wu and Dr. Albert Gan of the Lehman Center for Transportation Research at Florida International University (FIU). Participants will log into the webinar to access the graphic content and dial into an audio-teleconference. Dr. Wanyang Wu and Dr. Albert Gan will address the topics listed above and then open the phone lines for questions from the audience.

If you are interested in attending, please follow this link

<http://www.ftionline.com/CourseInfo.asp?CourseNumber=TRI18-23> to see detail course description and register on line.

Register early to guarantee your space; **if there is a waiting list, please download the waiting list form from the web site below and fax it to (732) 932-1707.**

For further information, contact Region 10's Monica McCallum at (206) 220-4462 or email monica.mccallum@dot.gov.

Sincerely,



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R.F. Krochalis
Regional Administrator