

NYSMPO SWG Scan: March 2010

A. Roadway Safety:

NYS DOT Rumble Strip webpage: <https://www.nysdot.gov/programs/rumblestrips>. Includes summary of research from other states, relevant policies, and summary of the draft NYS DOT guidance being considered.

FHWA Speed Concepts Informational Guide: “The purpose of this publication is to help engineers, planners, and elected officials to better understand design speed and its implications in achieving desired operating speeds and setting rational speed limits”
http://safety.fhwa.dot.gov/speedmgt/ref_mats/fhwasa10001/fhwasa10001.pdf

2009 Roadway Safety Awards- Best Practices Guide (FHWA):
http://www.roadwaysafetyawards.org/Docs%20and%20Downloads/Roadway%20Safety%20BP_09_FINAL.pdf (see especially Senior Zones- p.9, Plan4Safety- p11 (see also <http://cait.rutgers.edu/tsrc/plan4safety>), Teens in the Driver Seat- p16, and Roundabout Implementation- p18).

FHWA Road Safety Audit video (11 minutes): <http://safety.fhwa.dot.gov/rsa/video2009/>
(Explains the RSA concept and provides examples of applications)

FHWA Crash Modification Factors (CMF) Clearinghouse: <http://www.cmfclearinghouse.org/> A CMF is an estimate of the change in crashes expected after implementation of a countermeasure. Users can search by a variety of parameters, including but not limited to keyword, countermeasure, crash type, crash severity, and roadway type.

FHWA Interactive Highway Safety Design Model (IHSDM) software: IHSDM is a suite of software analysis tools for evaluating safety and operational effects of geometric design decisions on highways. It checks existing or proposed highway designs against relevant design policy values and provides estimates of a design's expected safety and operational performance.
<http://www.ihsdm.org/wiki/Welcome> (can download software from here).

U. Minnesota Center for Transportation Studies – ***Human Factors and the Design of Safer Roads*** (www.its.umn.edu): Human factors expert Alison Smiley explored the connection between human factors and road safety using examples of human limitations, how these contribute to crashes, and how they can be considered explicitly in road design policy and countermeasures, such as protected left turns. <http://www.its.umn.edu/Events/WinterLuncheon.html>

B. Pedestrian and Bicycle Safety:

Safe Routes to School Low-Income Program Evaluation (SafeTREC & PPH Partners)
Summary Report: <http://www.saferoutespartnership.org/27892/400474>
Evaluation Handbook: http://www.saferoutespartnership.org/media/file/SRTS.Eval.Handbook-Final_9_08.pdf

NJDOT Safe Routes to School newsletter:
http://policy.rutgers.edu/VTC/bikeped/Safe_Routes_Scoop/Vol3_Issue2/index.html
Includes information on walking and bicycling to school policies; positive enforcement of helmet laws (“Think Positive” campaign); TMA-sponsored Golden Sneaker award program; NJDOT Complete Streets Policy; and Operation Lifesaver (rail crossing safety organization with coordinators in each state).

FHWA Pedestrian & Bicycle Webinar (March 2): Pedestrian Road Safety Audits in Maryland and Plan4Safety, a multi-layered decision support tool and program created for NJDOT. Look for recorded version on FHWA's website: http://safety.fhwa.dot.gov/ped_bike/ped_focus/webinar.cfm

Pedestrian and Bicycle Information Center (PBIC) webinar: **Community Approaches to Pedestrian Safety Education** (March 18, 2-3:30 pm): <http://www.walkinginfo.org/training/pbic/webinars.cfm?webinars> (archived webinars also available)

NHTSA **Pedestrian and Bicycle Safety among Hispanics** (Spanish-language materials): www.nhtsa.gov/links/ped_bike_sp.html

MUTCD-summary of pedestrian and bicycle-related changes (from FHWA's Pedestrian Forum Winter 2010 newsletter)

- The recommended walking speed for calculating the pedestrian clearance time is reduced from 4 feet per second to 3.5 feet per second, with some exceptions.
- Inclusion of variations of "Yield Here to Pedestrians" sign for state laws requiring full stop.
- New Special Purpose pedestrian signs.
- Inclusion of new section (4F) on Pedestrian "Hybrid" Beacon (also known as a HAWK signal).
- New sign and plaque for combined pedestrian/bike crossing.
- Guidelines on marking medians for ADA access (Part 3).
- Part 4C.05 revisions to warrant on pedestrian volume.
- Countdown signals are now required for all pedestrian signals (unless there is less than 7 seconds on the clearance interval).
- New guidance on pedestrian pushbutton location.
- New shared lane pavement marking (Part 9).

C. Motorcycle Safety:

FHWA Motorcyclist Advisory Council: <http://safety.fhwa.dot.gov/mac/>

Canadian Traffic Injury Research Foundation Study summary: <http://www.straight.com/article-290309/vancouver/motorcycle-safety-study-has-some-eye-openers>

California Highway Patrol campaign 'Share the road, look twice for motorcyclists.' Article: <http://www.motorcyclenews.com/MCN/News/newsresults/General-news/2010/February/feb1810-motorcycle-awareness-message-on-california-roads/?R=EPI-122260>

Responses from the San Diego public (article): <http://www.signonsandiego.com/news/2010/feb/19/sign-of-trouble/>

D. Other Topics:

Planetizen article: **Women, Transit, and the Perception of Safety:** <http://www.planetizen.com/node/42878> (interview with Professor Anastasia Loukaitou-Sideris of UCLA)