

E-tools for transportation

Check out these resources on the Internet:

Software

PaveSpec 3.0 can help highway agencies develop performance-related specifications and predict performance and life-cycle costs of portland cement concrete pavements. The software can also simulate risks and consequences of achieving different quality levels for a project. Download PaveSpec 3.0 from the Turner-Fairbank Highway Research Center's web site: www.tfhr.gov/pavement/pccp/pavespec/pavespec.htm.

The American Iron and Steel Institute (AISI) has released **Short Span Steel Bridge Design 3.0**. Now available on CD, this software contains design plans and programs previously available in version 2.0 in a format that is easier for design engineers to use. A free 30-day trial version is available for download: www.steel.org/infrastructure.

Using the FHWA's **Pedestrian and Bicycle Crash Analysis Tool (PBCAT)**, you can develop and analyze a database of details regarding crashes between motor vehicles and pedestrians or bicyclists. Database reports will support the development of countermeasures to prevent such crashes. The software and user's manual (FHWA-RD-99-192) are available through the University of North Carolina Highway Safety Research Center's web site: www.walkinginfo.org/pbcacat.

Publications

The Zoning Ordinance is one of seven publications included in a land use series produced by Iowa State Extension to Communities and the ISU College of Design. This publication contains information about land use regulations, innovative zoning techniques, and legal issues and is available through the Iowa State Extension web site: www.extension.iastate.edu/Pages/pubs/Masterlist4.html#1800; click on publication 1868g.

The FHWA has released the revised **Transportation Conformity: A Basic Guide for State & Local Officials**. This new version can help state and local agencies to comply with the transportation conformity requirements in the Clean Air Act Amendments of 1990. The guide can be viewed on the FHWA web site: www.fhwa.dot.gov/environment/conformity/basic_gd.htm.

The **Work Zone Best Practices Guidebook** (FHWA-OP-00-010) provides practitioners with information on practices that can increase work zone safety. This FHWA publication includes insights from transportation experts from around the country. Fact sheets describing measures state highway agencies are taking to increase work zone safety are also available for download. www.ops.fhwa.dot.gov/wz/workzone.htm or www.ops.fhwa.dot.gov/wz/bestprac.htm.

STORMWATER, The Journal for Surface Water Quality Professionals can help local agencies that are impacted by NPDES II. To view online versions of articles, click on "Current issue." To subscribe to the hardcopy version of the journal, click on the "subscribe" link: www.stormh2o.com.

The Institute of Transportation Engineers (ITE) has produced a paper that focuses on establishing safe transportation networks called **Safety Conscious Planning—The Development of the Safer Transportation Planning Network Process**. The paper is available online: www.ite.org/pdf/SafetyConsciousPlanning.pdf.

Web sites and forums

AASHTO has a new web site. Find out about AASHTO news, services, products, and software. www.transportation.org.

The American Concrete Paving Association's expanded web site features the **Ultra-Thin Whitetopping Load-Carrying Capacity Calculator**. Go to www.pavement.com, and click on Technical Information.

Kansas State University (KSU) has been developing a **roundabout site** that includes research, pictures, and links to other roundabout sites. To visit or contribute, go to www.ksu.edu/roundabouts.

For information about addressing **rural and agricultural transportation issues**, visit the site that supports the U.S. Department of Agriculture and U.S. Department of Transportation in enhancing rural economic development, and rural life and mobility: www.ntl.bts.gov/ruraltransport/index.html.

Emanagers web page provides emergency managers an easy way to navigate through the Federal Emergency Management Agency web site. This new page includes links to pages that are of interest to emergency managers. www.fema.gov/emanagers. •

Online input

The FHWA is seeking information on how local governments are managing transportation operations issues and programs. To offer your input, see www.surveysolutions.com/prs/pti.htm.