

Human Environment Digest

January 11, 2018

Welcome to the Federal Highway Administration (FHWA) Office of Human Environment biweekly email digest. This digest shares the latest information from a range of Federal and non-Federal sources, addressing transportation and its relationship to the human environment. Through this information exchange, FHWA hopes to foster dialogue at all levels and continue to further the state of the practice on these important topics in support of safety; infrastructure, including accelerated project delivery, access to jobs, and community revitalization; technology and design innovation; and accountability, including, data-driven decisions and performance-based planning.

For more information on any of these topics, see the FHWA Related Links on the sidebar.

*The information provided in this mailing does not necessarily reflect the view of the Federal Highway Administration or the U.S. Department of Transportation.



Safety

FHWA Publishes Winter 2018 Pedestrian and Bicycle Forum Newsletter

The Federal Highway Administration (FHWA) [Winter 2018 Pedestrian and Bicycle Forum Newsletter](#) is now available. This issue highlights Florida and New York City's pedestrian intervals, a pedestrian and bicycle safety information search tool, and how to develop a pedestrian and bicycle safety plan.

Smart Cities Dive Reports on Age-Friendly Smart Cities

Smart Cities Dive recently published a feature article, titled "[To build an inclusive smart city, look through an age-friendly lens.](#)" The article discusses how some cities are implementing strategic plans to ensure that the needs of the elderly are met, particularly in terms of safety and mobility.



Infrastructure

January 2018 Multimodal Connectivity Newsletter Available

The January 2018 edition of the Federal Highway Administration (FHWA) [Multimodal Connectivity Newsletter](#) is now available. The newsletter provides transportation professionals with real-world examples of ways in which multimodal transportation investments promote livability, such as providing access to good jobs, affordable housing, quality schools, and safer roads.

New Transportation Research Record on Systems Resilience

The *Transportation Research Board* (TRB) has published a new collection of papers on [Systems Resilience](#). Paper topics include, for example, quantifying networkwide resilience in the aftermath of hurricanes, a spreadsheet tool for risk management, and impacts of group walking patterns on pedestrian evacuation.

"Cities Debut Semi-Dockless Bike Shares"

A major bike share company, *Zagster*, is [debuting a new service](#) that combines elements of dock-based and dockless bike share systems. The new service aims to combine the benefits of both models by allowing users to leave the bikes either at a dock or locked to something elsewhere, rather than leaving the bikes in the street or on the sidewalk as with other dockless systems.



Innovation

FHWA Publishes Summary of Pedestrian and Bicycle Research and Program Activities

The *Federal Highway Administration* (FHWA) published a [Summary of Pedestrian and Bicycle Research and Program Activities](#) in preparation of the 2018 Transportation Research Board Annual Meeting. The summary presents recent and

ongoing pedestrian and bicycle research efforts and related activities, organized by four goals from the draft U.S. DOT Strategic Plan for FY 2018-2022.

FHWA Innovator Now Available

The *Federal Highway Administration* (FHWA) Center for Accelerating Innovation published the [January/February 2018 edition of Innovator](#). Innovator advances implementation of innovative technologies and processes in the highway industry. Its audience is transportation professionals in highway agencies; trade and research groups; academia; the private sector; and the driving public.

New Connected and Autonomous Vehicle Resources on TPCB Website

A new focus area webpage on Connected and [Autonomous Vehicles](#) is now available on the Transportation Planning Capacity Building (TPCB) website. The webpage includes resources and publications, upcoming events, peer event reports, and other websites and organizations related to connected and autonomous vehicles.

TRB Releases New "Snap Search" Series

The *Transportation Research Board's* (TRB's) Library, part of Transportation Research Information Services (TRIS), has released 26 topical overviews under a new series called "[Snap Search](#)." A Snap Search provides a summary of TRB research reports that are underway and published, upcoming events, and ongoing committees that cover specific topics.

IDEA Program Annual Report

The *Transportation Research Board's* (TRB's) Innovations Deserving Exploratory Analysis (IDEA) program issued its "[New IDEAS for Transit: Transit IDEA Program Annual Report](#)." The report summarizes recent investigations conducted under the Transit IDEA program, which is designed to foster innovative concepts that have the potential to enhance security, increase ridership, improve efficiency for transit agencies, and protect the environment.