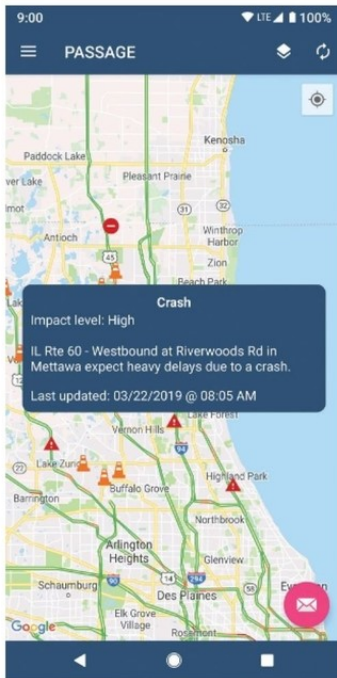


Public Agency Showcase

LAKE COUNTY, IL, USA

Updating an Intelligent Transportation System

The Lake County Division of Transportation (LCDOT) continues to update Lake County PASSAGE, an intelligent transportation system that uses interconnected signals to manage traffic flow and monitor traffic conditions. Two focus areas have recently become of high importance to the county. The first is integration with Waze through a two-way sharing agreement that allows LCDOT to receive real-time anonymous user reports for use in the advanced traffic management



system. The reports, along with police dispatch data, provide real-time information about the roadways, which is posted to www.LakeCountyPASSAGE.com and other sources. LCDOT also benefits from using Waze's congestion/travel-time data to provide a better indication of congested roads during incidents, roadwork, and weather-related events. In return, LCDOT provides Waze confirmed roadwork and incident information. The second focus for PASSAGE in 2019 is updating smartphone apps. Last updated in 2013, the apps are being updated with the latest innovations and design. The Android app has been released and the iOS app is planned for rollout this summer.



NEWARK, OH, USA

Downtown Square Revitalization

What started as a project to separate combined sewers downtown evolved into a revitalization opportunity for Newark, OH, USA—a low-income city—to provide a more vibrant, livable, healthy, and sustainable core.

The existing space was wrought with issues identified by the community, including access, safety, and inadequate pedestrian accommodations, in large part due to its auto-centric nature (one-way flows, wide pavement, multiple access points, and closely spaced traffic signals).

Four mini-urban roundabouts, the first of their kind in Ohio, replaced signals at the corners of the square. The original brick street, salvaged from beneath the previous pavement, was used for the center islands. Streets were narrowed, driveways were removed, and sidewalks were widened to enhance pedestrian safety and provide outdoor dining opportunities. Bioswales were installed to minimize stormwater runoff and reduce river pollutants.

More than \$100 million of reinvestment in the now-thriving downtown area can be attributed to this project.



SPRINGFIELD, OR, USA

Creating a Multimodal Transportation Facility

Franklin Boulevard is a vital transportation link that connects the University of Oregon and the Eugene and Springfield downtowns, located along the Willamette River in the heart of the metro region. The Redevelopment Project is transforming the facility from an outdated state highway into a modern urban multiway boulevard that safely serves the needs of pedestrians, cyclists, drivers, and public transportation options. The City of Springfield wanted to transform Franklin Boulevard into a multimodal transportation facility to support the redevelopment of the Glenwood area as a vibrant place to live, work, and visit, and to provide a safe and improved arterial connection that serves the metro region.

The City of Springfield completed the environmental analysis and 15 percent design for the entire corridor and completed construction of the Franklin Boulevard Redevelopment Project from McVay Highway to Mississippi Avenue in May 2018, four months ahead of schedule.



PORTLAND, OR, USA

Culinary Corridor

As Portland continues to grow, new development is changing the landscape of its downtown core, providing a valuable opportunity to create strategies and projects that support connectivity, functionality, and vitality of the city's urban areas.



With the development of surface lots came a unique opportunity to change the future of the mobile food industry. The Streets and Program Development Division of Portland's Bureau of Transportation was tasked with creating opportunities for food truck vending in the right of way. The Culinary Corridor concept was brought to life by community members and further refined through partnerships with internal and external stakeholders. This data-driven project supports Portland's vibrant and thriving food culture, paves the way for future growth of the industry, and provides a connection to the city's waterfront and downtown green loop which are vital to improving walkability and biking in the downtown core.

