

PUBLIC AGENCY SHOWCASE

in Recognition of Infrastructure Week

MACOMB COUNTY, MI, USA:

Enhancing Efficiencies through its Communications and Technology Center



Macomb County's efficient system of roads and highways provide regional, national, and international access. A few years ago, the Macomb County Department of Roads (MCDR) established a traffic operations center (TOC) that served as the nerve center for ITS activities and it was a modest facility with 3 consoles and a video wall that was 10 ft. x 5 ft. The realization that the camera feeds and traffic information can potentially help the Sheriff's Department and the Emergency Management Department led to a series of meetings to determine the needs of each department for a combined "Operations Center." This culminated in the construction of a state-of-the-art operations center that was named the "Communications and Technology Center" (COMTEC). The two storied building was remodeled internally such that the first floor accommodated that traffic operations and Sheriff's dispatch functions. The second floor was modified and the floor was cast in such a way that a mezzanine level was created that houses the Emergency Management Operations stations, equipped with radios, computer, access to radio, and TV audio. ■



CITY OF MISSISSAUGA, ON, CANADA:

Supporting Active Transportation



The City of Mississauga has completed the planning and design of two active transportation (AT) crossings near the Queen Elizabeth Way (QEW) and Credit River. The City's Cycling Master Plan (2010) and the Region of Peel's Active Transportation Plan (2012) identified the need for a north-south AT crossing of the QEW at Stavebank Road and an east-west AT crossing of the Credit River attaching to the future QEW bridge. The recommended plan illustrates the City's approach to building a beautiful, sustainable city with safe neighbourhoods that support strong, connected and vibrant communities, where residents value the beauty of the natural environment, engage in active transportation, and support a rich, healthy, and prosperous social and cultural mosaic. These crossings provide critical links along the hydro corridor trail, which is ultimately envisioned to traverse the City of Mississauga from Halton Region to the City of Toronto. ■



VANCOUVER, BC, CANADA:

The World's Longest, Fully-Automated, Driverless Rapid-Transit System



The opening of the Millennium Line Evergreen Extension on December 2, 2016 was a significant regional milestone. Metro Vancouver now has the longest, fully-automated, driverless, rapid-transit system in the world. This \$1.2 Billion (CAD) project includes 11 km of new SkyTrain track (underground, elevated, and at street level), six new stations and provides direct, rapid transit between Coquitlam and Vancouver at approximately 3-minute headways in the peak period. This project was funded by the Government of Canada, the Province of BC, and TransLink. To connect the extension with the existing network, TransLink adjusted the existing SkyTrain pattern and involved the most extensive bus service integration process ever in TransLink's history. Over eight weeks following opening day, ridership grew by 10%. In its second month of operation, 30,000 trips were taken on an average weekday. Customers are using the system and taking advantage of improved value, convenience, and time savings. ■



TUKWILA, WA, USA:

Smart Growth Strategies at Work

As the region's growth continues, Washington State has embraced smart growth strategies for developing thriving, livable, healthy communities. The Tukwila Southcenter Connection transit center reflects those strategies and is the catalyst project for the City's transformative Southcenter Subarea Plan, a joint effort of the City and its community articulating their vision to further the vitality, functionality, and sustainability of the area. The transit center redevelops the previous station area providing an enhanced bus station for riders traveling to/from the economic core; inspiring the community to live, work, and play in Southcenter. The Southcenter Connection aspires to encourage transit ridership as well by providing a safe, recognizable, and welcoming experience. Furthermore, as part of the project, new traffic-calming street improvements such as landscaped medians, street trees, and delineating, soft buffers aim to support pedestrian activity by focusing the driver's attention to the human scale. ■



As part of ITE's recognition of Infrastructure Week, we reached out to our public agency members to find out what projects are taking place in our communities. These are some of the responses we received. If you would like to showcase your agency's project, please contact Pam Goodell, ITE's marketing senior director, at pgoodell@ite.org.