

TXDOT HOUSTON'S CONNECTSMART

"Connecting You with Texas"



Making Houston More Connected and Less Congested

TxDOT's Houston District (TxDOT HOU) deployed ConnectSmart, an advanced technology platform with a built-in intermodal mobile app to improve safety, reduce congestion, improve air quality, and create a more accessible and equitable system promoting TxDOT's and USDOT's goals. ConnectSmart integrates the region's Transportation Systems Management and Operation and Active Demand Management with intermodal travel options to optimize available capacity while managing region's demand needs.

The ConnectSmart mobile app will provide end users with available and personalized intermodal travel mode options, transportation system updates, predictive travel times, intermodal navigation, travel costs, transit ticket purchase, and more while influencing traveler behavior in real-time to encourage the use of alternative mobility options and achieve operational objectives.

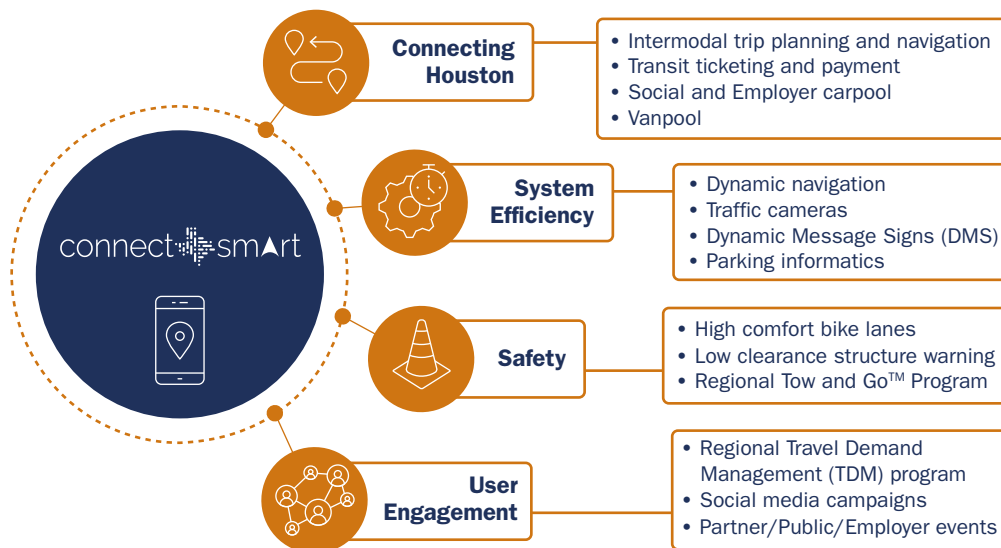
AWARD: Part of the first round of a highly competitive USDOT Fast Act Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) process. Recognized by congressional staff and grant authors as an application that exemplifies the goal of the ATCMTD program.

FUNDING: \$18 million grant, funded 50/50 by the State and USDOT ATCMTD grant.



ConnectSmart 8-County Region

CONNECTSMART PILLARS AND FEATURES (as of Q4 2021):



PARTNER INTEGRATIONS

- Regional Travel Demand Management (TDM) program
- Traveler Information
- Transit Ticketing and Payment
- Vanpool Program
- Bikeshare Program
- No-Cost Towing for Motorists
- Parking Informatics
- High comfort bike lanes

UPCOMING FEATURES

- Mobility wallet
- Traffic signals and Virtual DMS (VDMS)
- School zone information
- Paid media campaigns

DEPLOYMENT SCHEDULE

