



## **ABSTRACT**

Tarrant County 2019 Submission

Most Innovative Use of Citizen Engagement

WAZE Alerts Tarrant County

*The Tarrant County boundary encapsulates 904.3 sq. mi. having the number of total streets in Tarrant County of 147,531 segments totaling 12,944.5 miles in length. There are 415.7 miles of Tarrant County owned roadways in four (4) precincts.*

*Waze is the world's largest community-based crowd-sourcing traffic and navigation app. Cartegraph is a business application used by Tarrant County for request and work order management of transportation-related assets such as roads, bridges, signs, and storm culverts.*

*This project identifies pothole and missing sign reports from Waze, auto-generates a work order request that is then routed to the appropriate precinct maintenance field crew for follow-up. Automating crowd-sourcing information reduces the need for a general crew or inspector to navigate the roads searching for situations needing repair, documenting, and re-dispatching a specific crew to address the need. Additionally, Tarrant County reduces precinct fuel costs, saves staff hours, and reduces response times.*