



## ABSTRACT

Tarrant County 2019 Submission

Information Technology

WAZE Alerts Tarrant County

*The Waze To Alert Tarrant County integration began as an effort to:*

- *Explore crowdsourcing as a data source*
- *Increase the efficiency of the current workflow through automation*
- *Leverage existing technologies at little or no additional cost*

*Waze is the world's largest community-based crowd-sourcing traffic and navigation app. Cartegraph Operations Management Software (OMS) 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 reports from Waze, auto-generates a work order request that is then routed to the appropriate precinct maintenance field crew for follow-up. Automating crowdsourced 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.*