



OGRA - John Niedra Better Practices Competition and Award

**Operations – Roads, Survey & Utility
July 13, 2021**



Purpose

- The John Niedra Award recognizes the innovations and achievements that improve the efficiency of municipal transportation, public works services and operations.
- Categories include:
 - Innovation Management Practices
 - Equipment Innovation/Made In-House Solution
 - Innovative Service Delivery



Award – Innovative Management Practices

- Joint award with Visual Defence, the City of Markham and the City of Richmond Hill

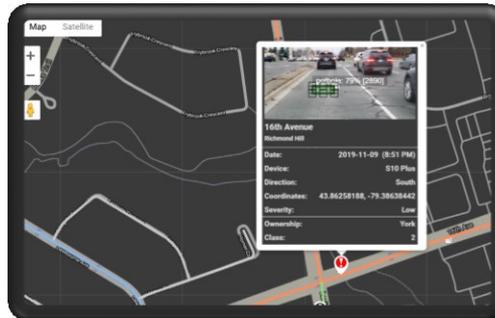
ROVER





What is ROVER

- ROVER is an app that is installed on a smartphone.
- ROVER automatically identifies potholes on the road using artificial intelligence and maps them.



**Automated Pothole Detection
Using Artificial Intelligence**



ROVER - Expansion

- Looking to go beyond potholes:



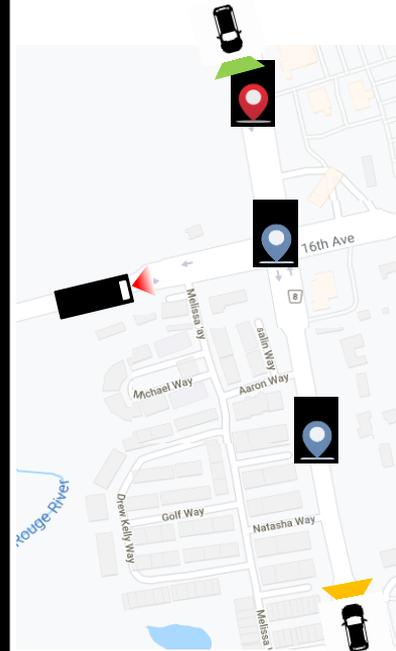
PATROLLER



BYLAWS



WASTE MANAGEMENT





Questions