

Phase II: Bellevue Case Study

Crowdsourced traffic incident data to improve traffic safety management

Approach:

- Integrate data sources and create dashboards
- Develop crash estimation models: conditions, times, locations with high propensity
- Road-segment instead of grid-scale
- Transfer methods to Bellevue (CCP partner)

Outcomes:

- First integrated view of 3 traffic crash datasets highlights unique contributions of each by time and location
- Segment-level crash models will guide city-wide transportation safety investment decisions

Waze Accidents, Bellevue Crash Reports, and NORCOM Crash Reports

