Using Data to Move from Reactive to Proactive about Pedestrian Safety

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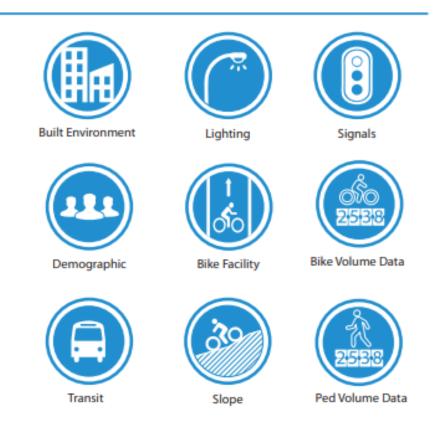




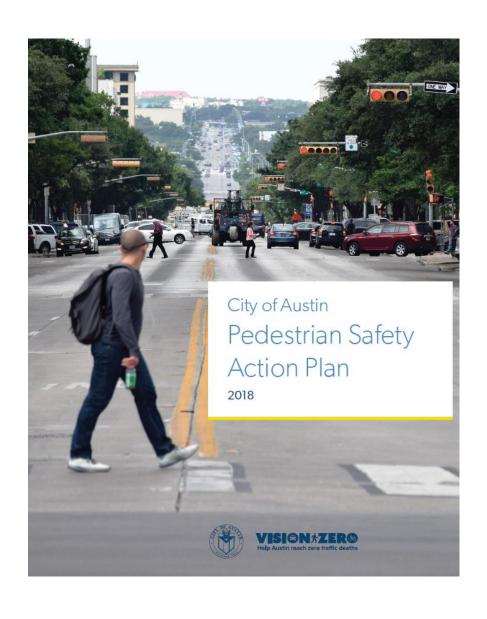
context



we know the indicators...







Crash Analysis
Community Priorities
Pedestrian Safety Priority Network

Action Plan

Engineering

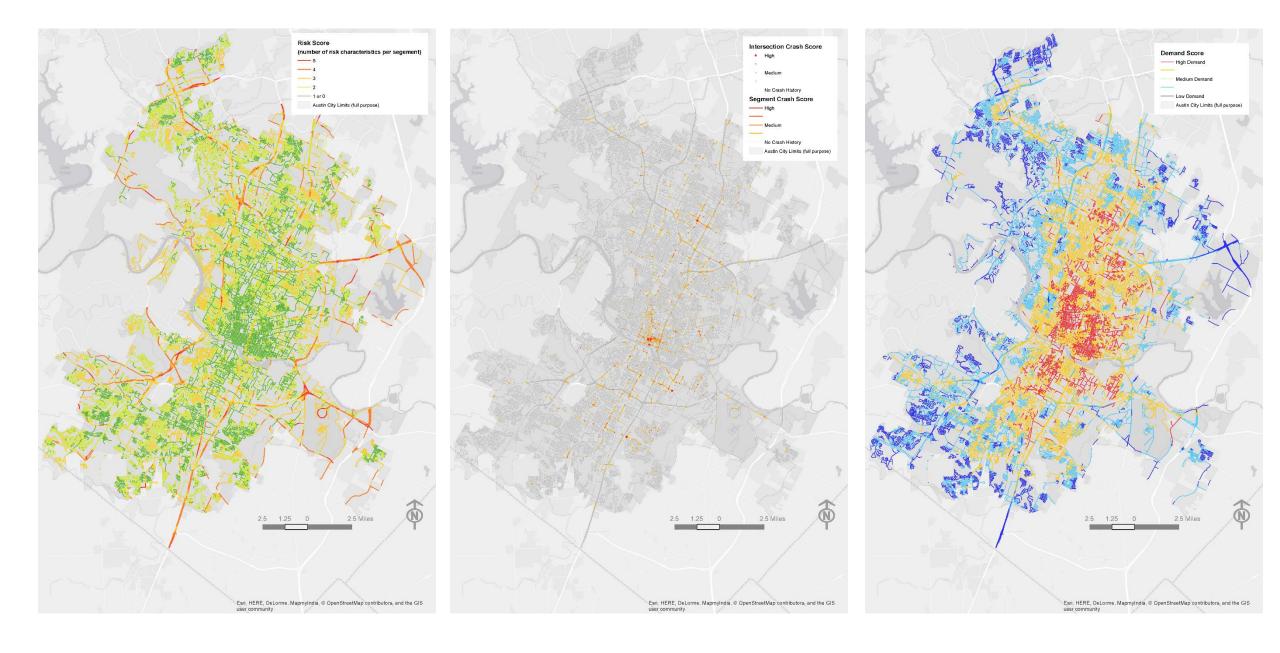
Education

Enforcement

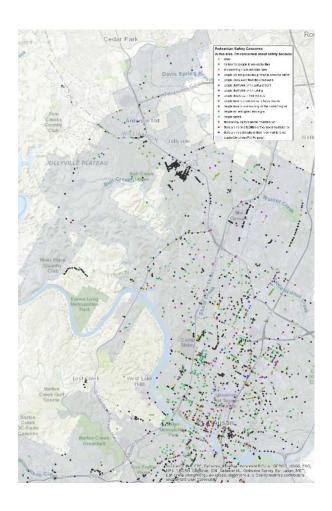
Policy + Land Use

Evaluation

Partners and Funding



other sources and inputs





"Hidden" data points

- Where do people walk
- Where do people want to walk
- How are short trips being made
- Before and after metrics on countermeasures

Reactive to Proactive, thinking in context





CTR Yielding Study

- Testing yield compliance of drivers
- ▶ 25 crossings at each location
- Time, date, yielding vehicles, weather, observed speed, posted speed, traffic volume, pedestrian volume, visibility



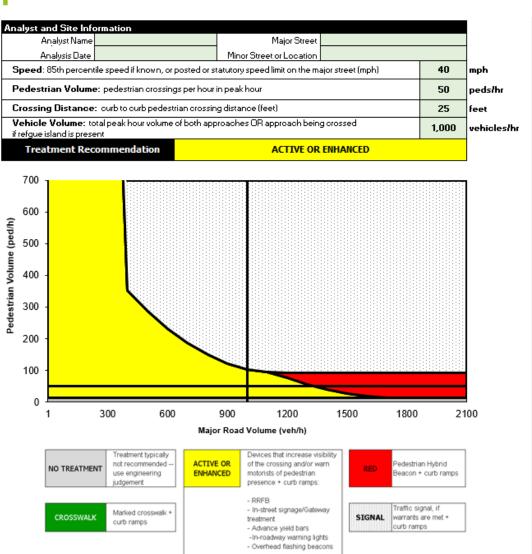
Coordination

- Cap Metro
- Sidewalks and Special Projects
- Urban Trails
- Safe Routes to School
- Street and Bridge
- ▶ 2016 Mobility Bond

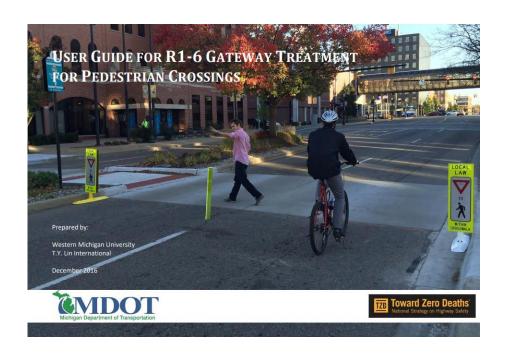


Crossing Guidelines Development





Quick Build Treatments



R1-6 Gateway Treatment

In-street signage

Complements existing infrastructure

Rectangular Rapid Flashing Beacons

New Interim Approval, covers all of Texas

10 installations to evaluate compliance



Research with Toole Design Group

High Injury Network

HIN and GIS script/tool

Systemic Safety Analysis

- pedestrian and bicycle exposure where known
- estimate volumes for the entire network
- risk factors associated with known safety issues
- locations that have a greater likelihood of a crash, regardless of whether crashes have been reported there in the past

Pedestrian Signal Guidelines

- Timing
- Locations
- Prioritization
- Phasing
- Signal actuation

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