

POTENTIAL TRAFFIC CALMING AND PEDESTRIAN CROSSING STRATEGIES

ROUNDBABOUTS:

BENEFITS:

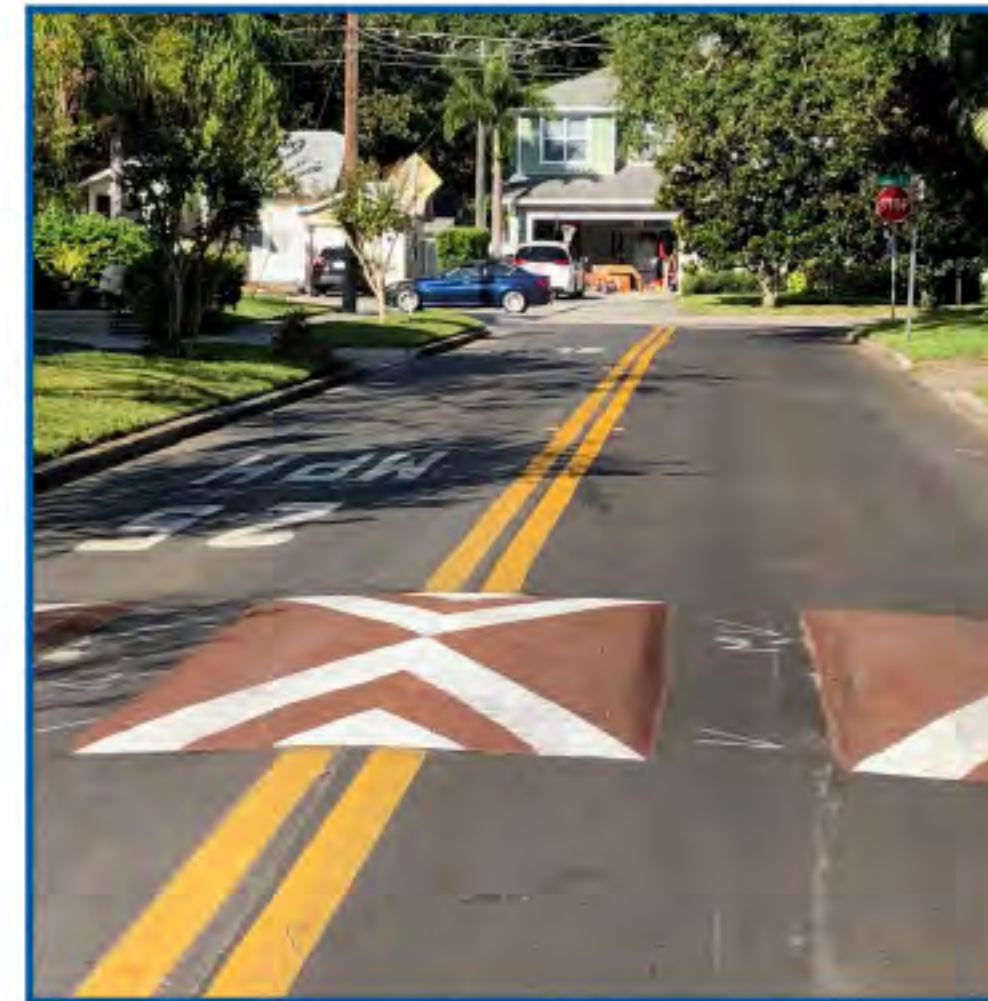
- Reduce vehicle speeds
- Improved vehicular traffic flows
- Shorter crossing distances for non-motorized users
- Improved safety for all users – proven safety countermeasure (FHWA)



SPEED CUSHIONS

BENEFITS:

- Reduces vehicular speeds
- Slots allow emergency vehicles to pass through without drastically slowing, thereby not slowing response times
- More bike friendly vs. speed hump / table



RUMBLE STRIPS

BENEFITS:

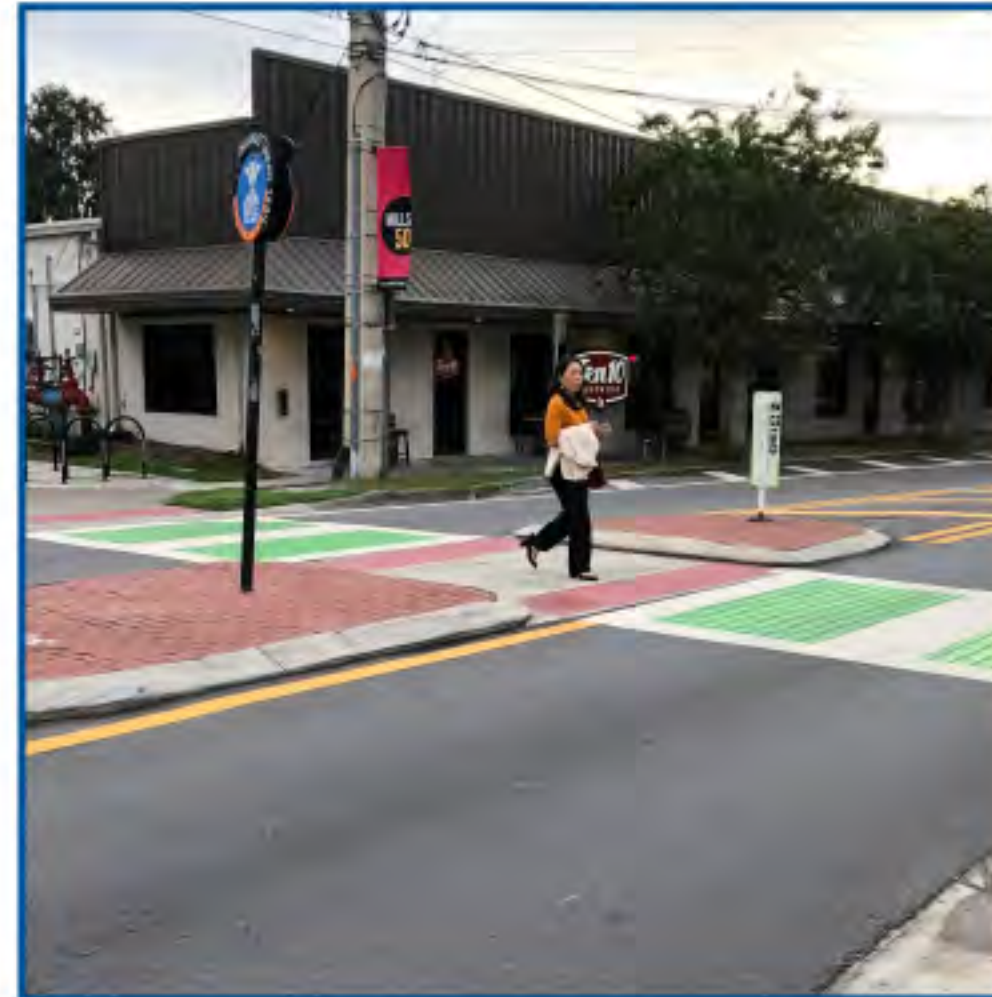
- Pavement surface treatment cause drivers to experience vehicular vibrations, signaling the driver to slow down
- Alerts drivers to an area on the roadway where conditions are changing



HIGH-VISIBILITY CROSSWALKS OR SPEED TABLES

BENEFITS:

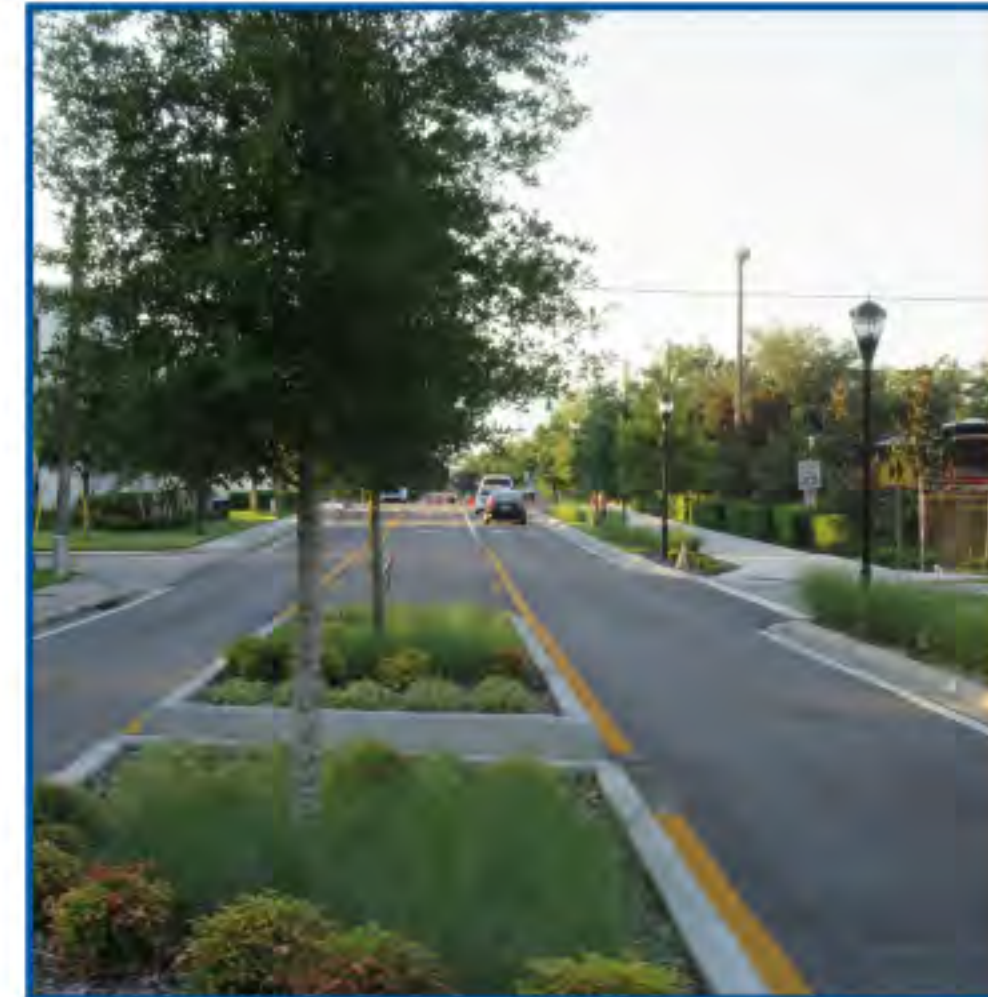
- More visible crossing points stand out to drivers
- Improves non-motorized network connectivity
- Reduces vehicular speeds (speed tables)
- Improves safety for users when crossing roadway



MEDIAN ISLANDS, CHICANES, STREET TREES

BENEFITS:

- Reduce vehicle speeds by:
 - Median islands – reduce street and lane widths
 - Street trees: visually narrow the street & provide additional side friction for drivers
 - Chicanes: lateral lane shifts / horizontal deflection
- Opportunity for additional landscaping & improved aesthetics



SPEED FEEDBACK SIGNS

BENEFITS:

- Reduces vehicular speeds
- Actively alerts drivers to when they are speeding



RECTANGLE RAPID FLASHING BEACONS (RRFBs)

BENEFITS:

- Reduce vehicle speeds
- Increase driver yielding behavior at crosswalks
- Clear communication with approaching motorists that there may be someone in the marked crosswalk



STREET AND INTERSECTION LIGHTING

BENEFITS:

- Alerts drivers to an upcoming intersection or curve in the roadway during nighttime conditions



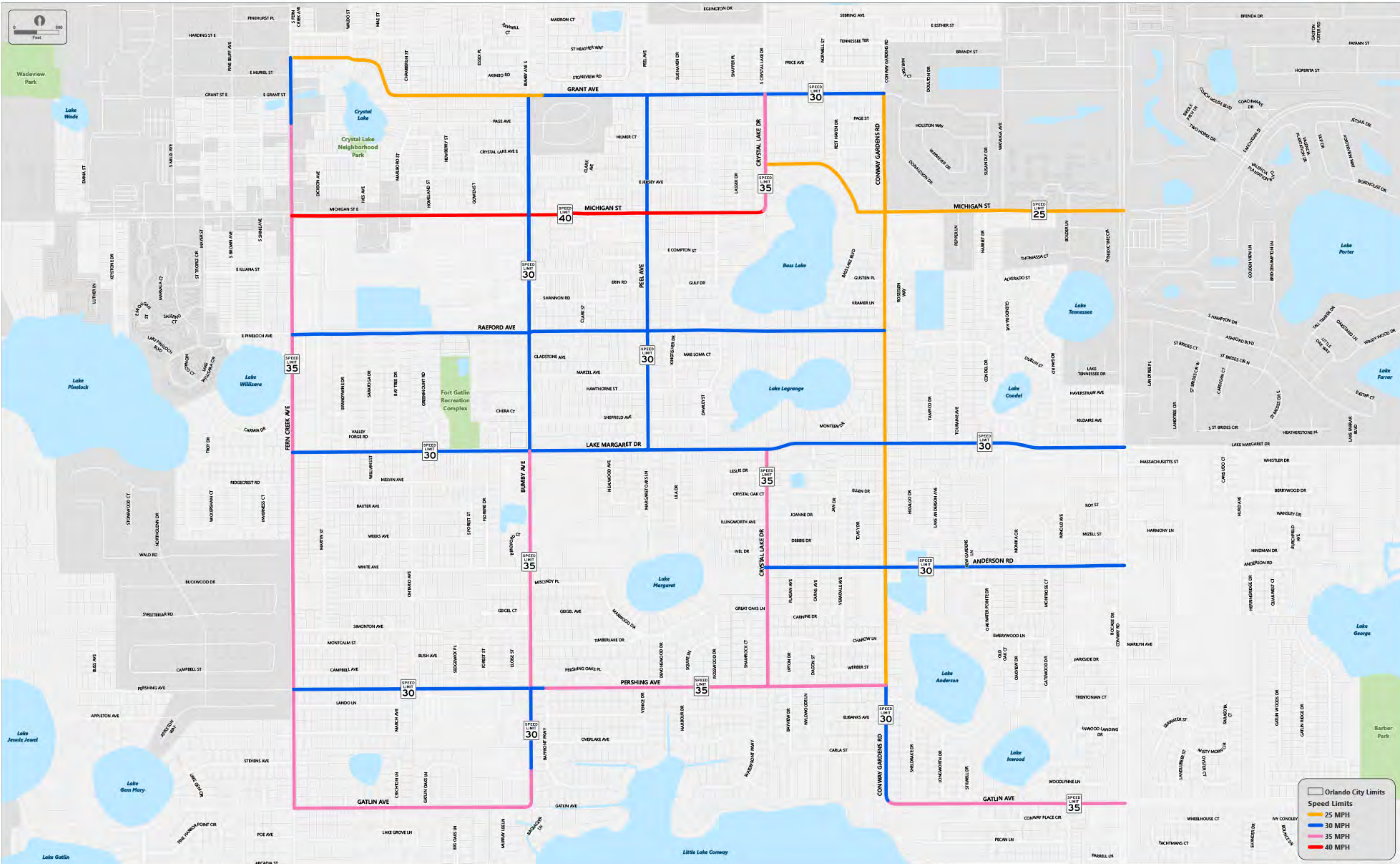
PAVEMENT MARKINGS

BENEFITS:

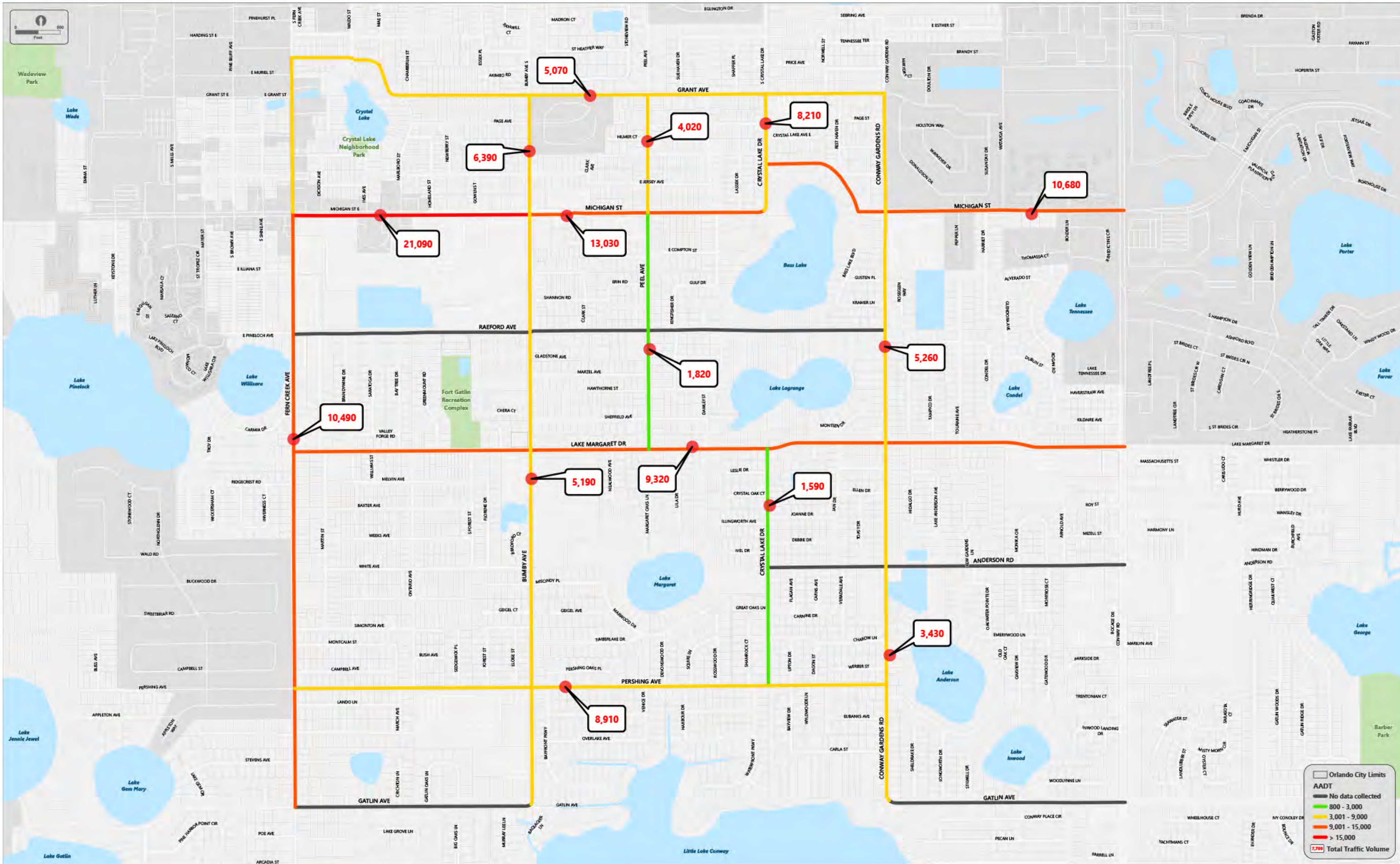
- Reduces vehicular speeds
- Provides more awareness to drivers when posted speed limits change



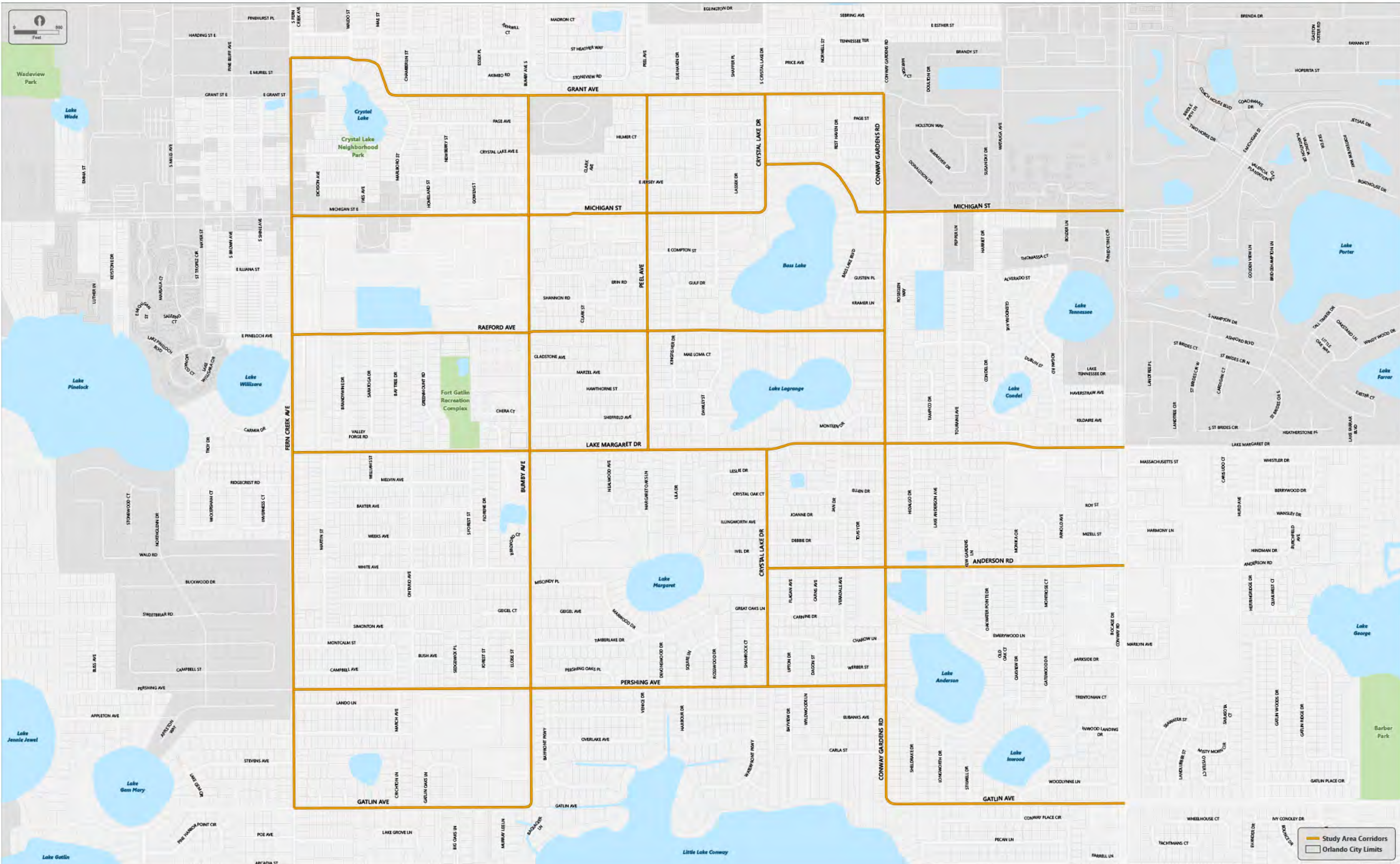
CRYSTAL LAKE STUDY AREA – EXISTING SPEED LIMITS



CRYSTAL LAKE STUDY AREA – 2021 ANNUAL AVERAGE DAILY TRAFFIC (AADT)



CRYSTAL LAKE STUDY AREA CORRIDORS



CRYSTAL LAKE STUDY AREA - SIDEWALKS AND SCHOOLS

