

The Waco MPO

Who are we? Why are we here?

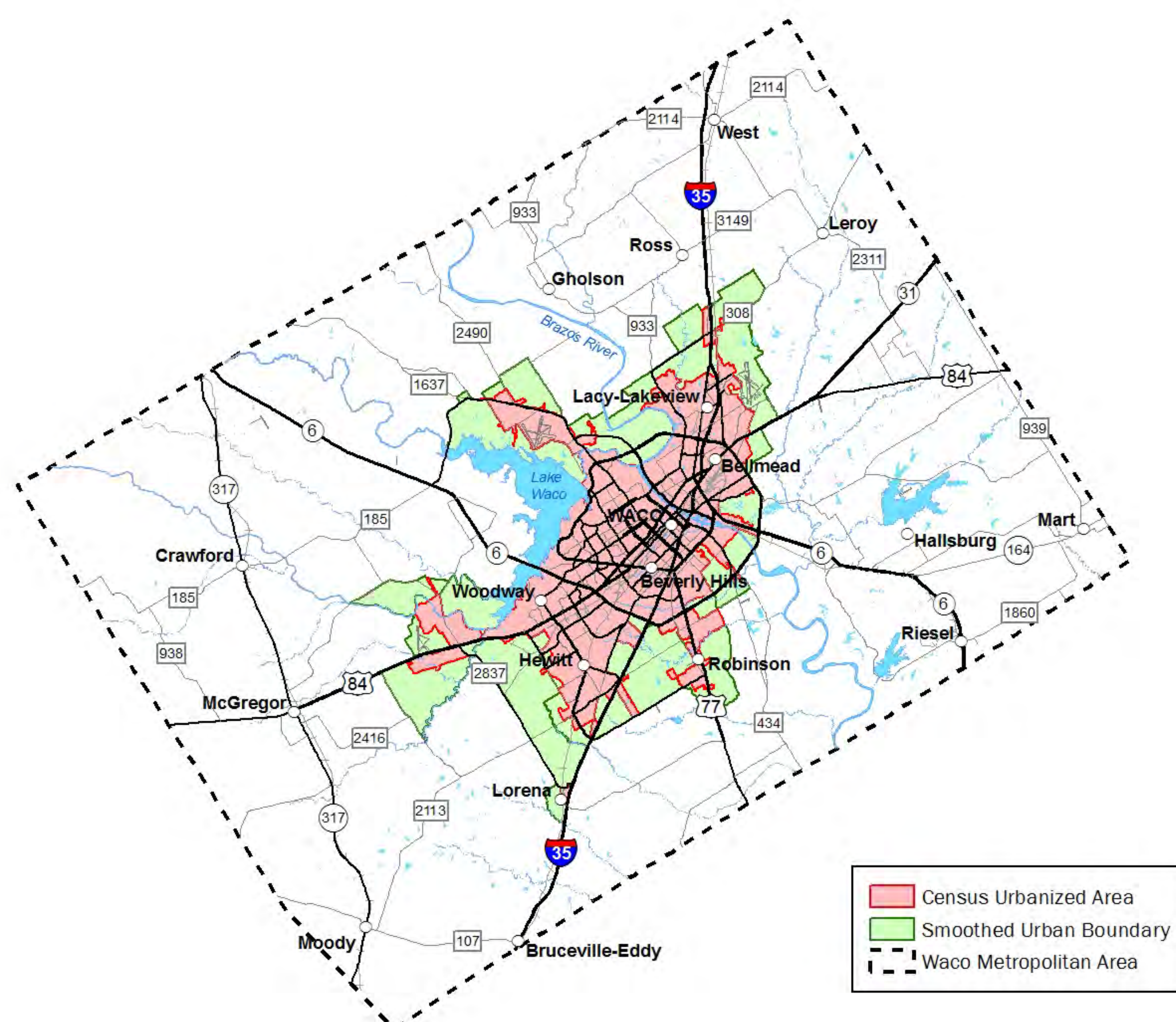
Provide local input into long term, regional transportation decisions

Prioritize regionally significant projects with realistic funding strategies

Decide how federal highway and transit funds are to be used within the Waco Region

Assist local governments and TxDOT in identifying priorities

Answer how the future transportation network should look and function for all users



MPOs are required for urban areas with 50,000+ population

MPOs play a coordination and consensus building role to plan and fund transportation projects

The Waco MPO is governed by 20 member Policy Board and informed by a 36 member Technical Committee

The Waco MPO represents all of McLennan County

Key Points About MPOs

- 1 Mandated by the federal government to ensure local and public participation in the transportation planning process.
- 2 Governed locally by policy boards whose membership is determined locally.
- 3 Have duties that include developing regional long-range transportation plans.
- 4 Funded primarily by the federal government.

How Are MPOs Funded?

MPOs receive funding through federal, state, and local sources for their operation. Federal transportation funds are channeled through state departments of transportation to the MPOs, but state and local governmental entities may also support MPO planning activities with matching grants, employee salaries and benefits, contract oversight, information technology services, and more.



MPO Planning Values



Source: Texas Transportation Institute



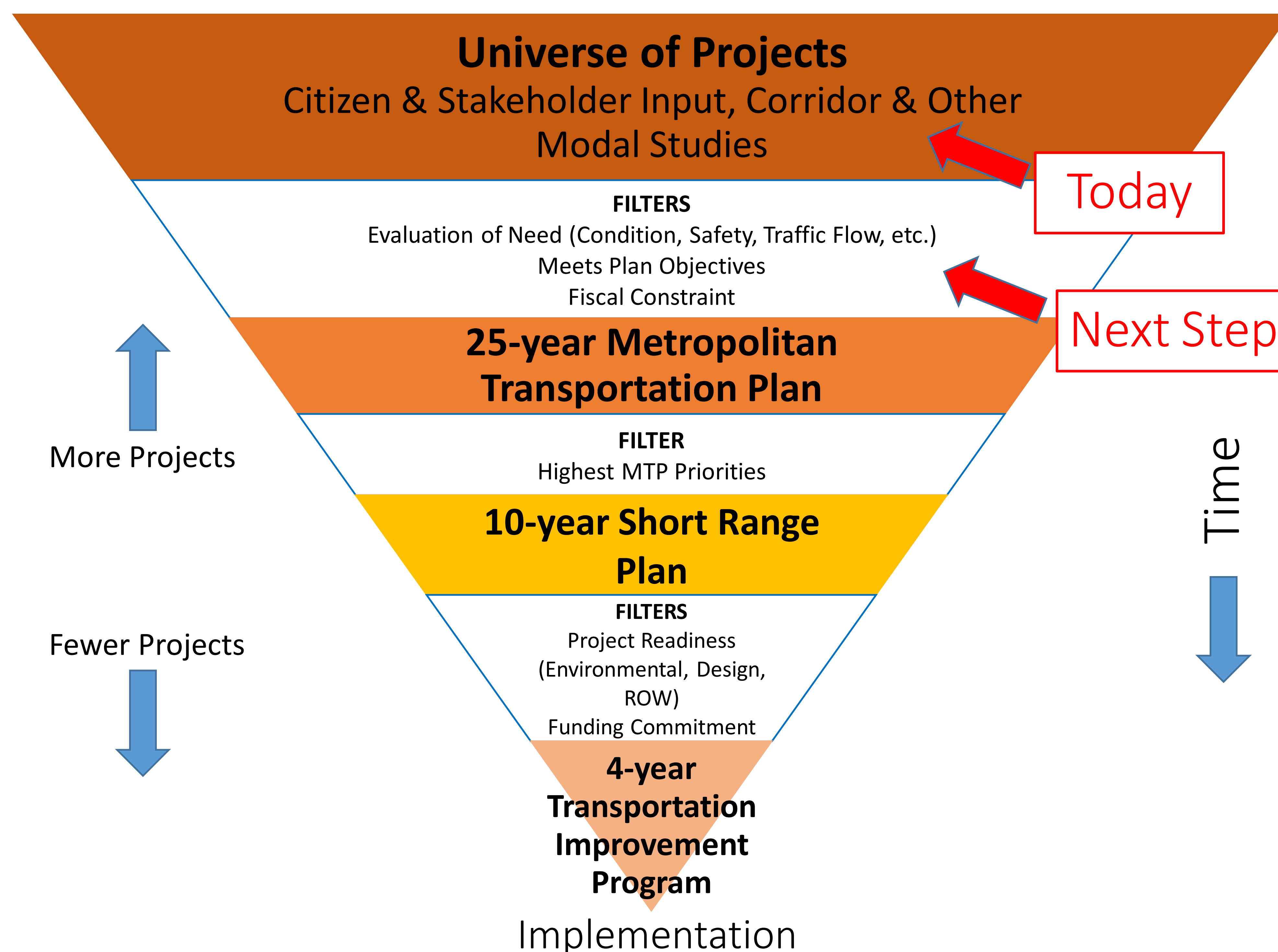
Waco Metropolitan Planning Organization

Document Path: S:\MPO\Administrative\MEETINGS\Public Info Mgs\May 2019 - ATP and MTP Kickoff\Maps\mpo_description_poster.mxd

Introducing: Connections 2045: The Waco Metropolitan Transportation Plan

A 25-year forecast of anticipated mobility challenges with a fiscally constrained, prioritized list of projects from all transportation modes intended to address regional mobility needs through the year 2045.

Generalized Process on how Projects go from Concept to Reality

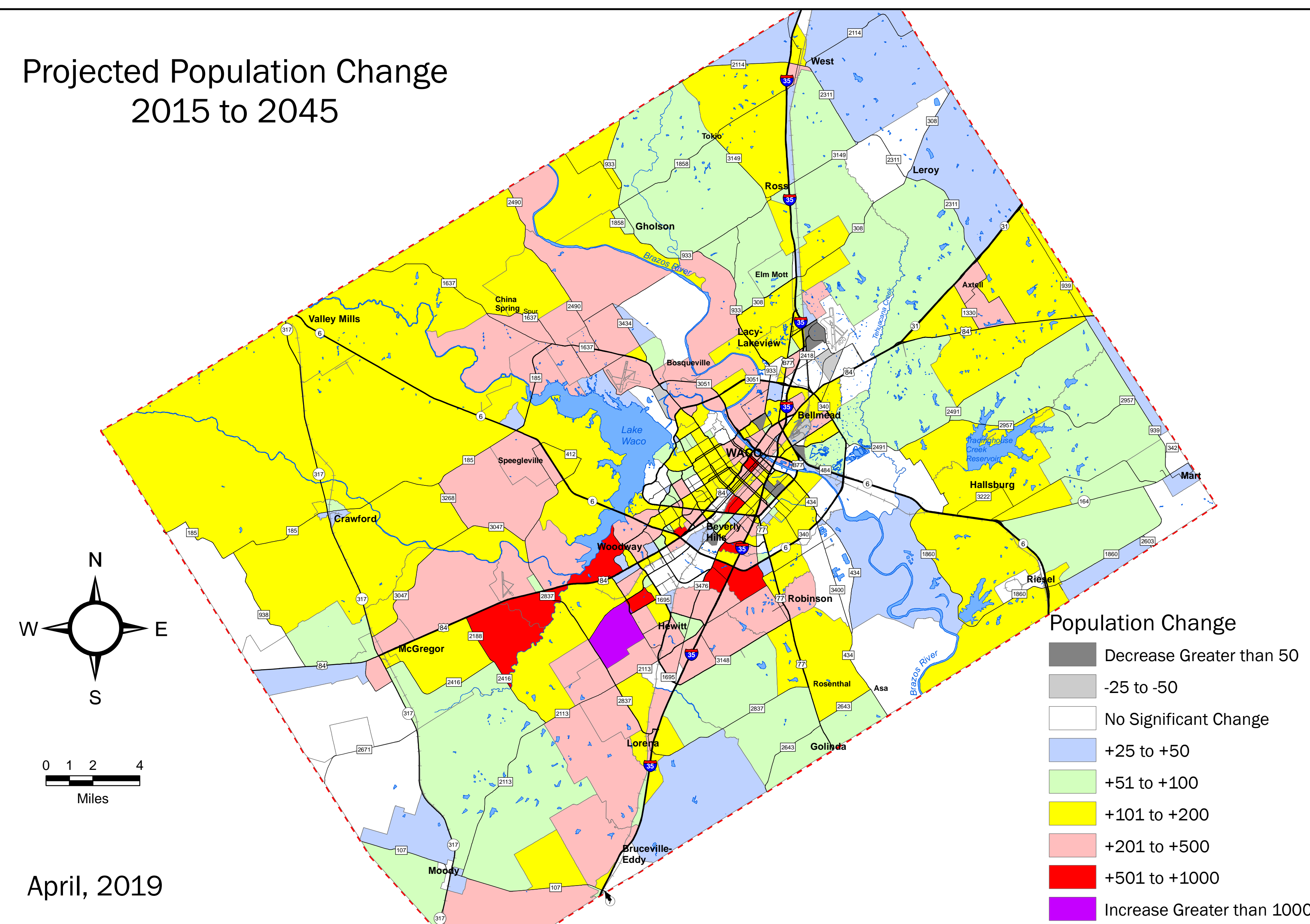


• Proposed Guiding Principles

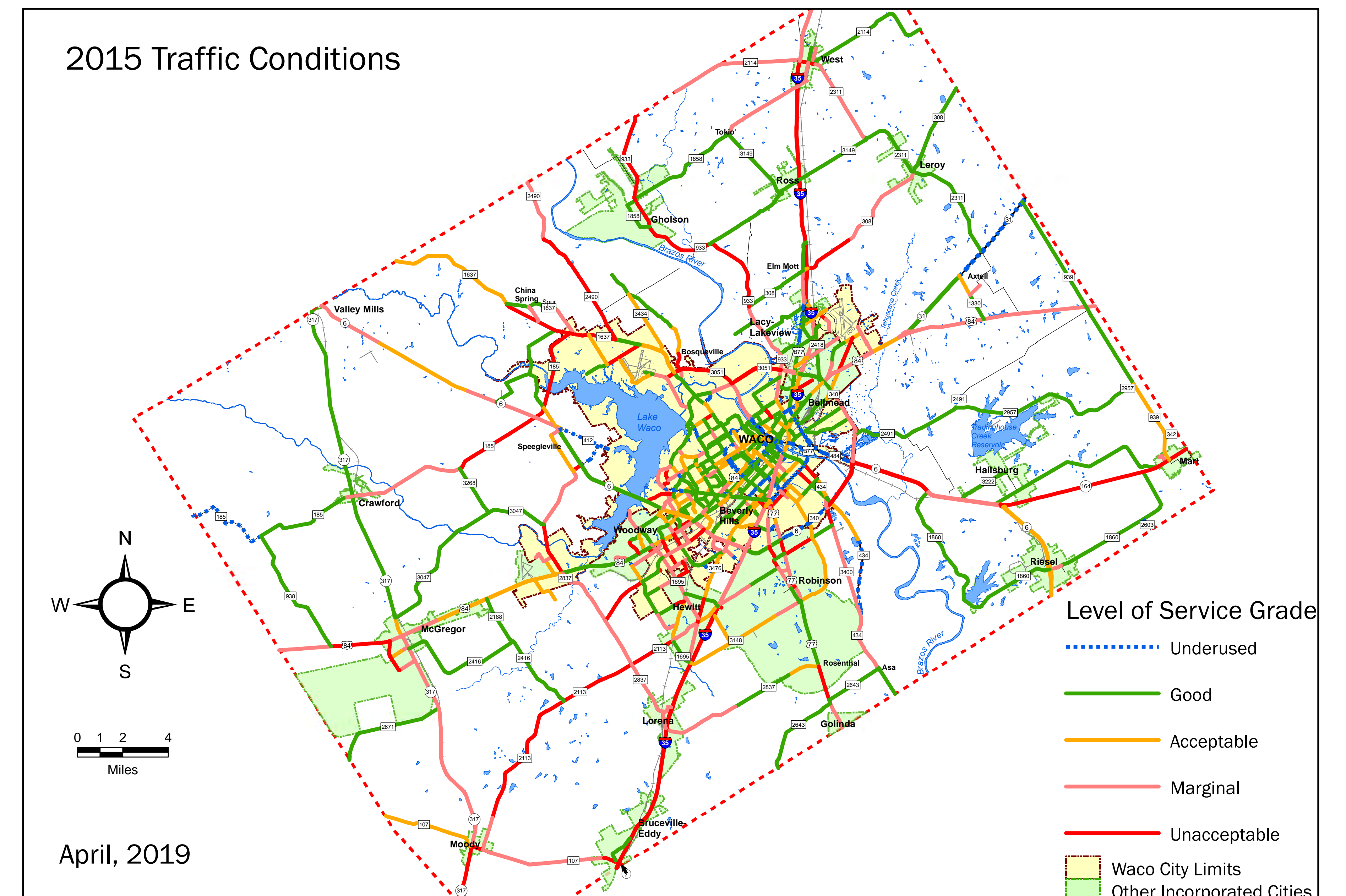
1. Satisfactorily maintain existing transportation facilities
2. Improve the safety and security of the transportation system
3. Maximize the use of existing transportation facilities before system expansion
4. Preserve regional air quality and environmental standards
5. Support regional freight movement and economic development efforts
6. Improve access to economic opportunities and essential services

Future Population, Employment and Traffic Trends

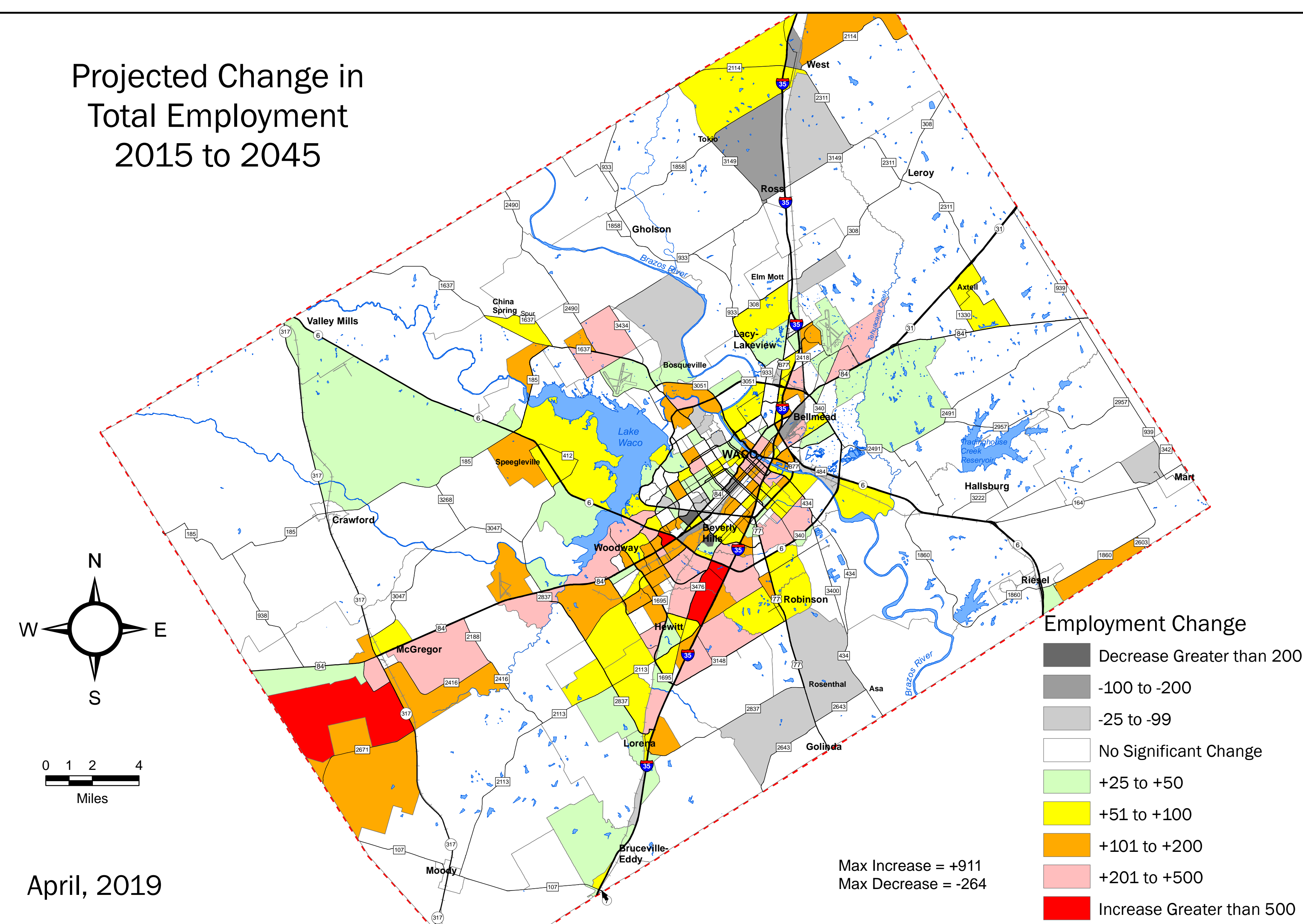
Projected Population Change
2015 to 2045



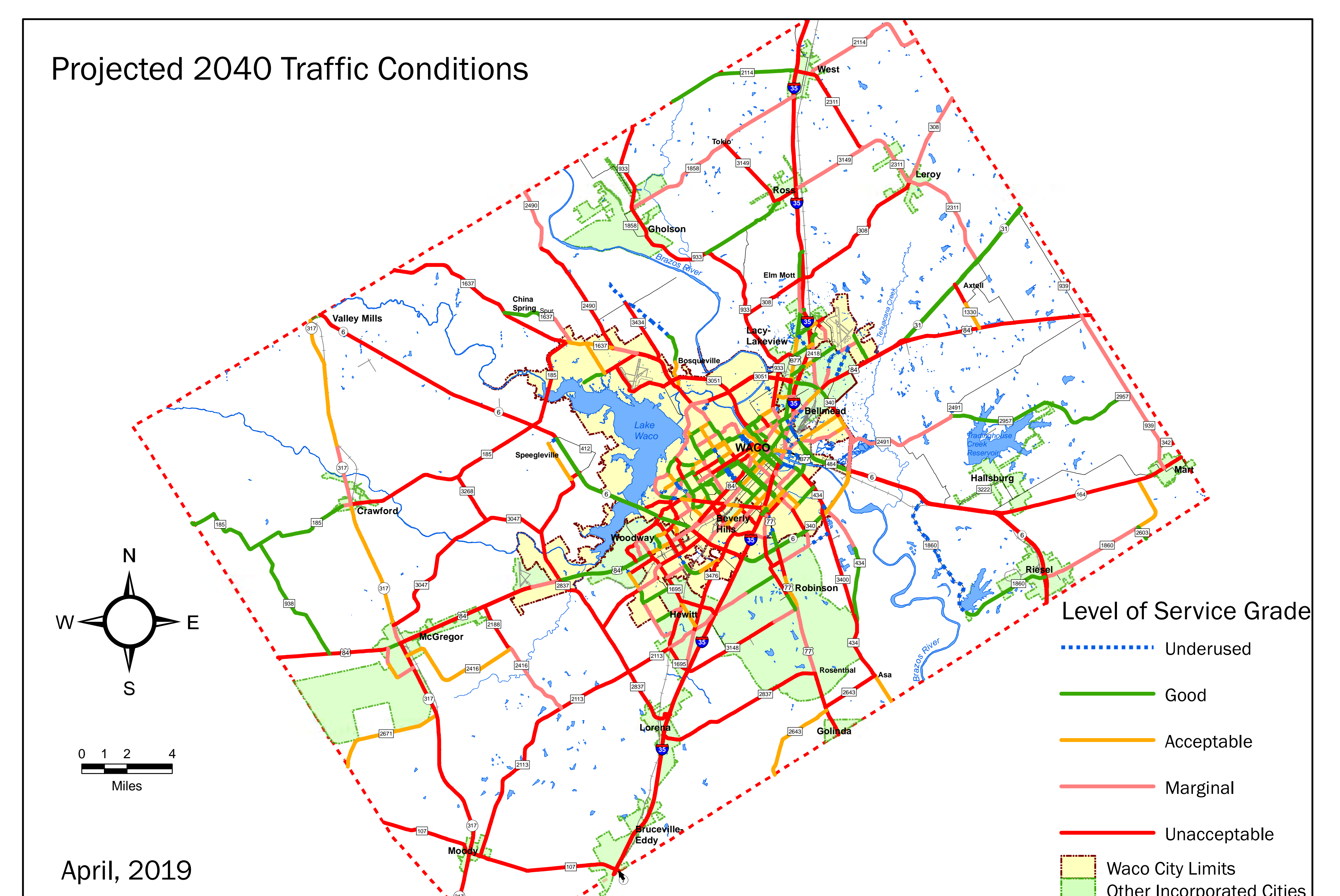
2015 Traffic Conditions



Projected Change in
Total Employment
2015 to 2045

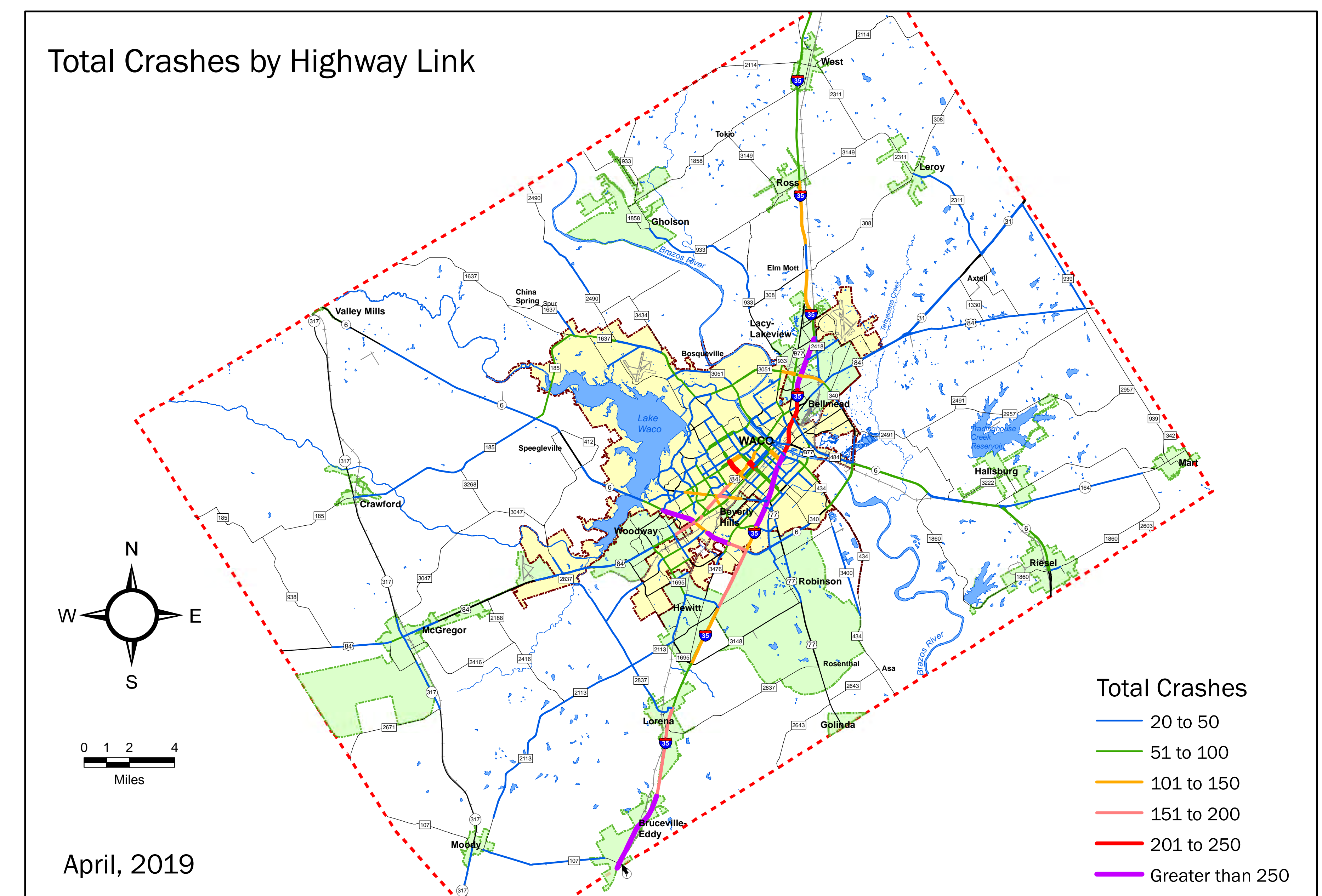
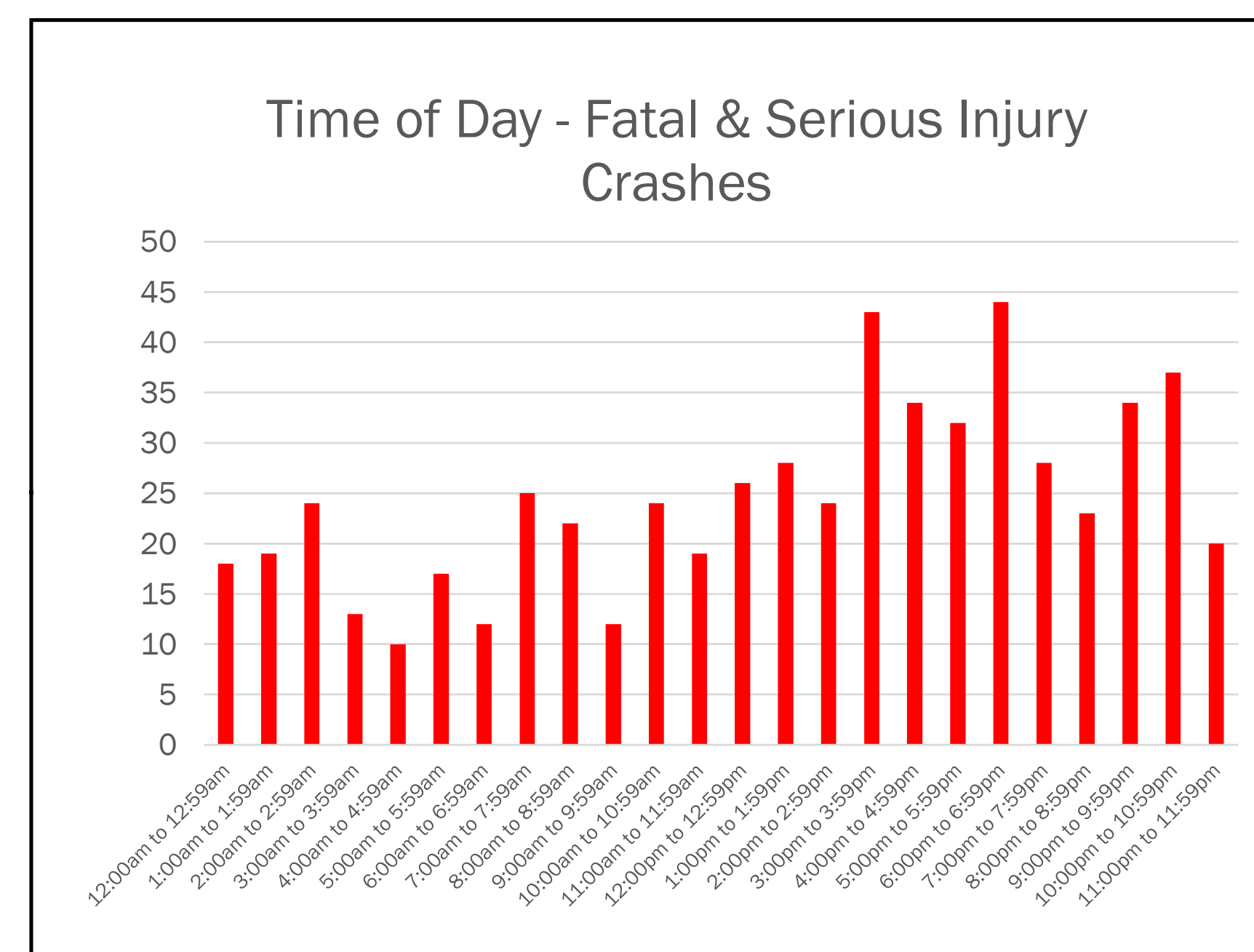
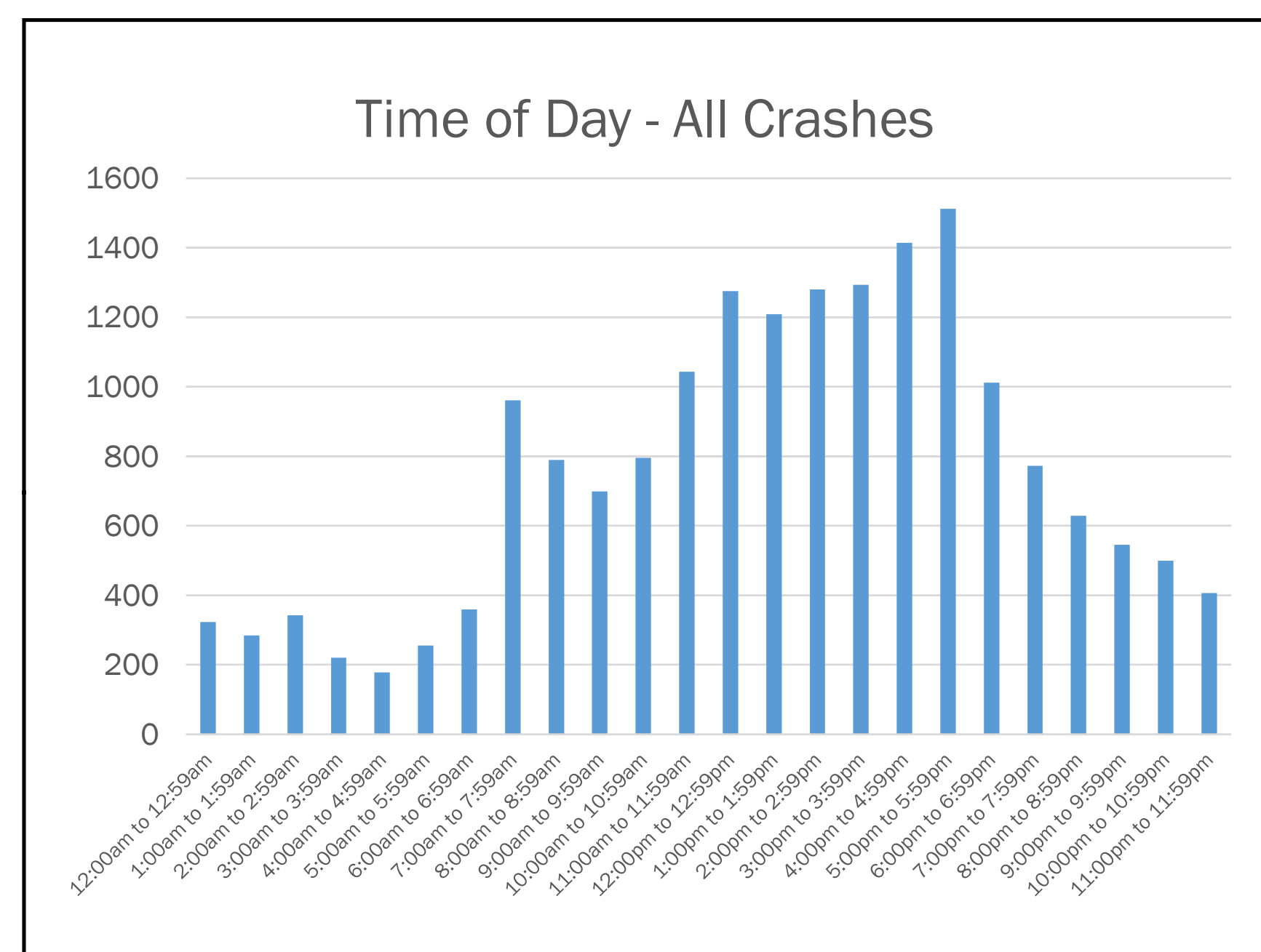
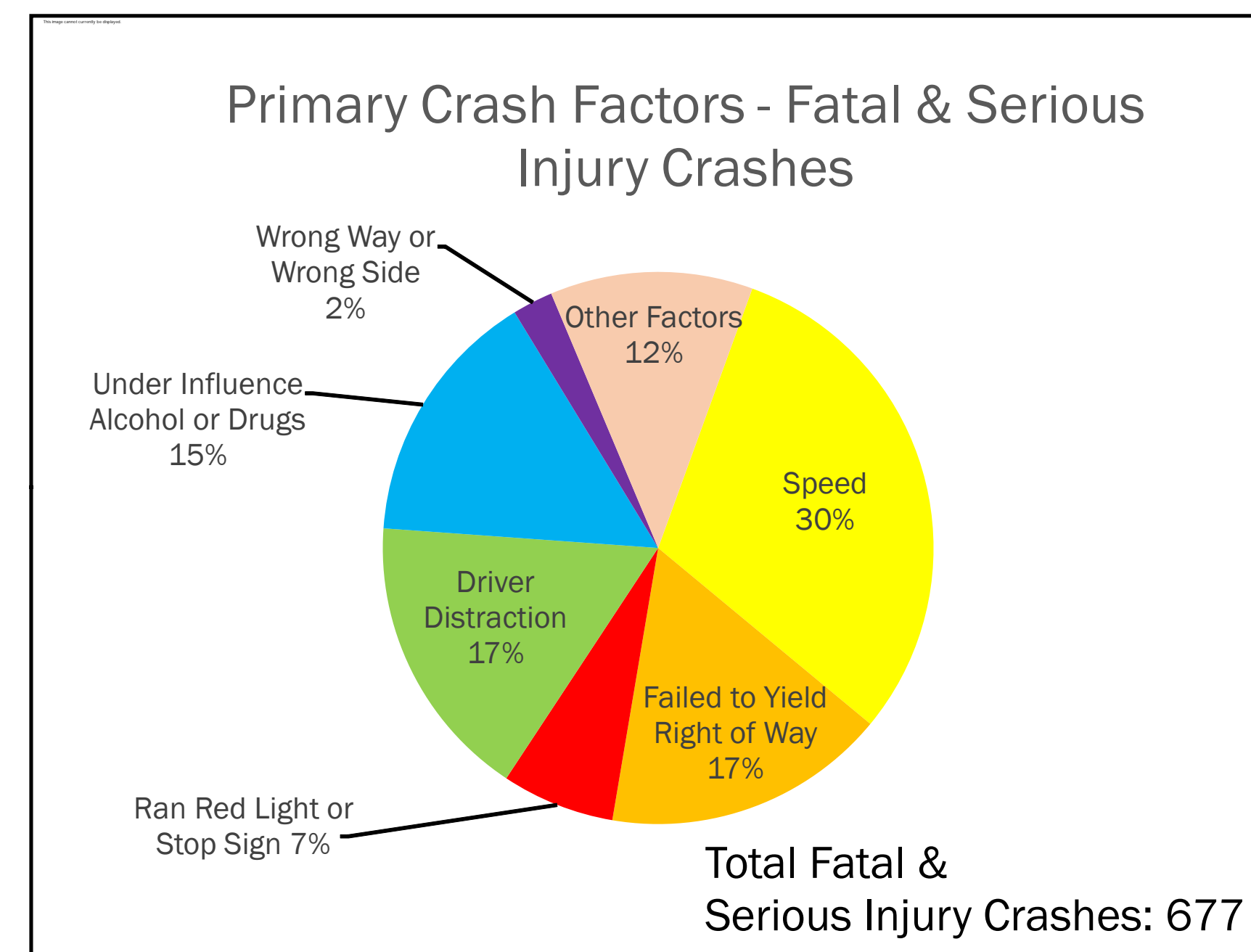
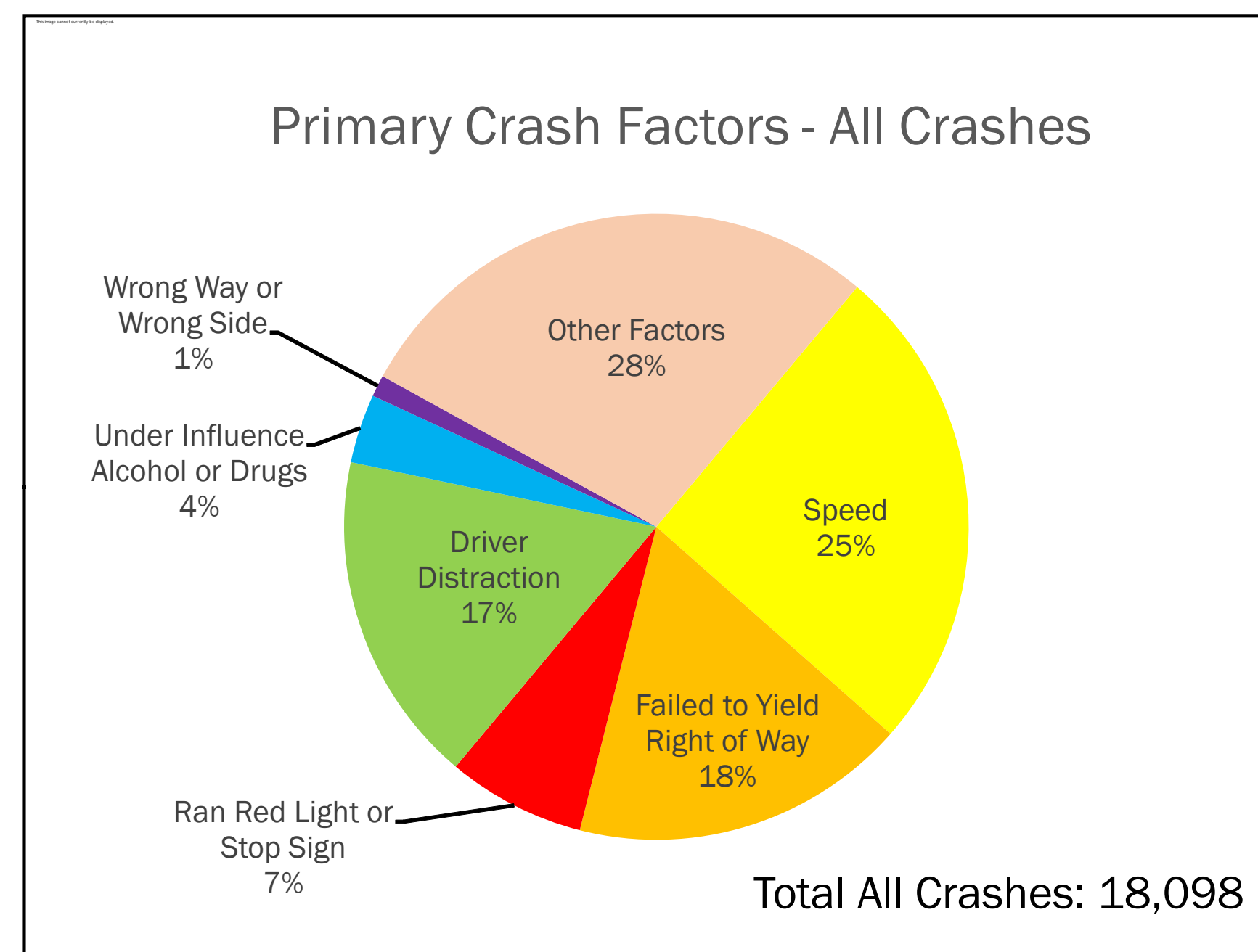
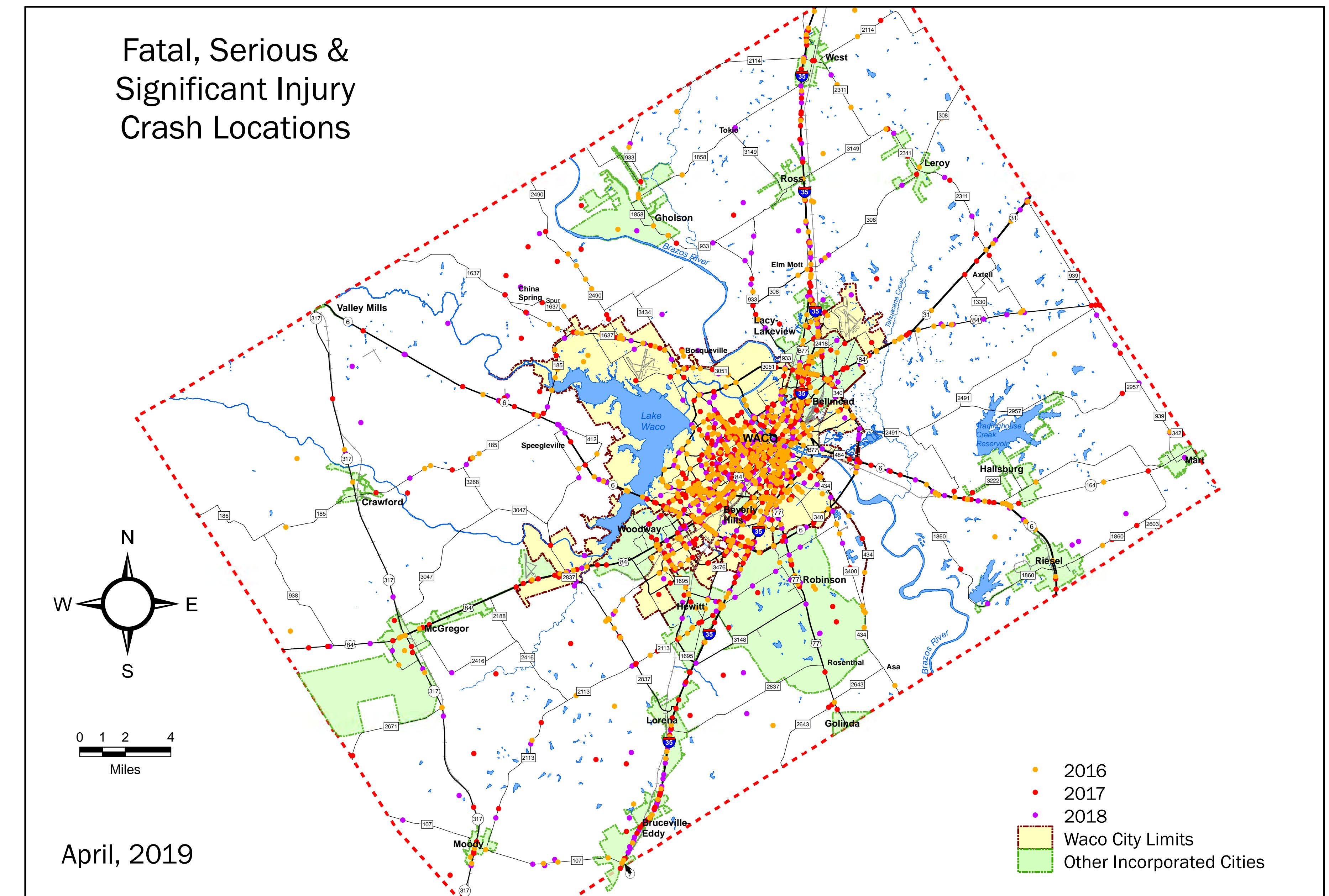
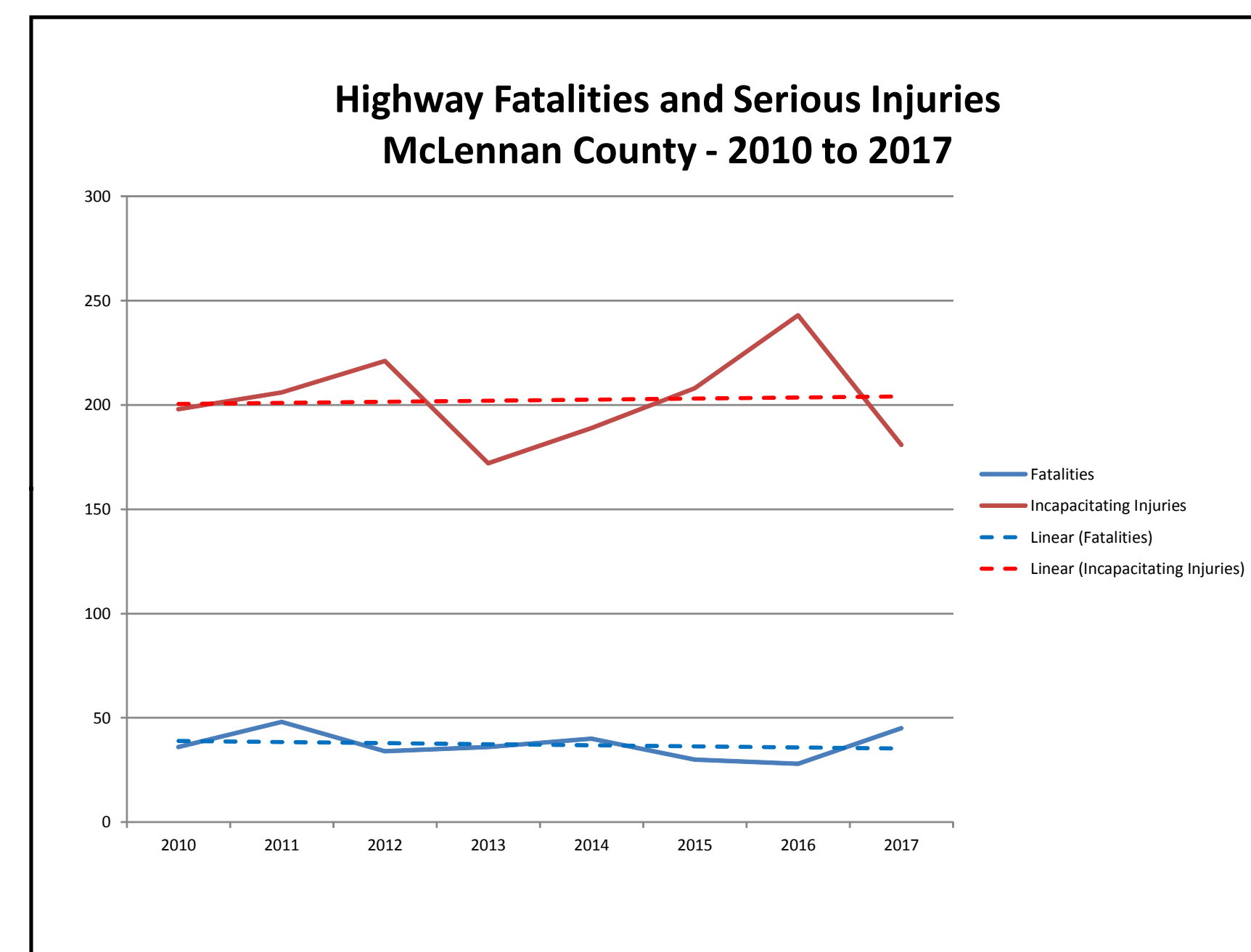
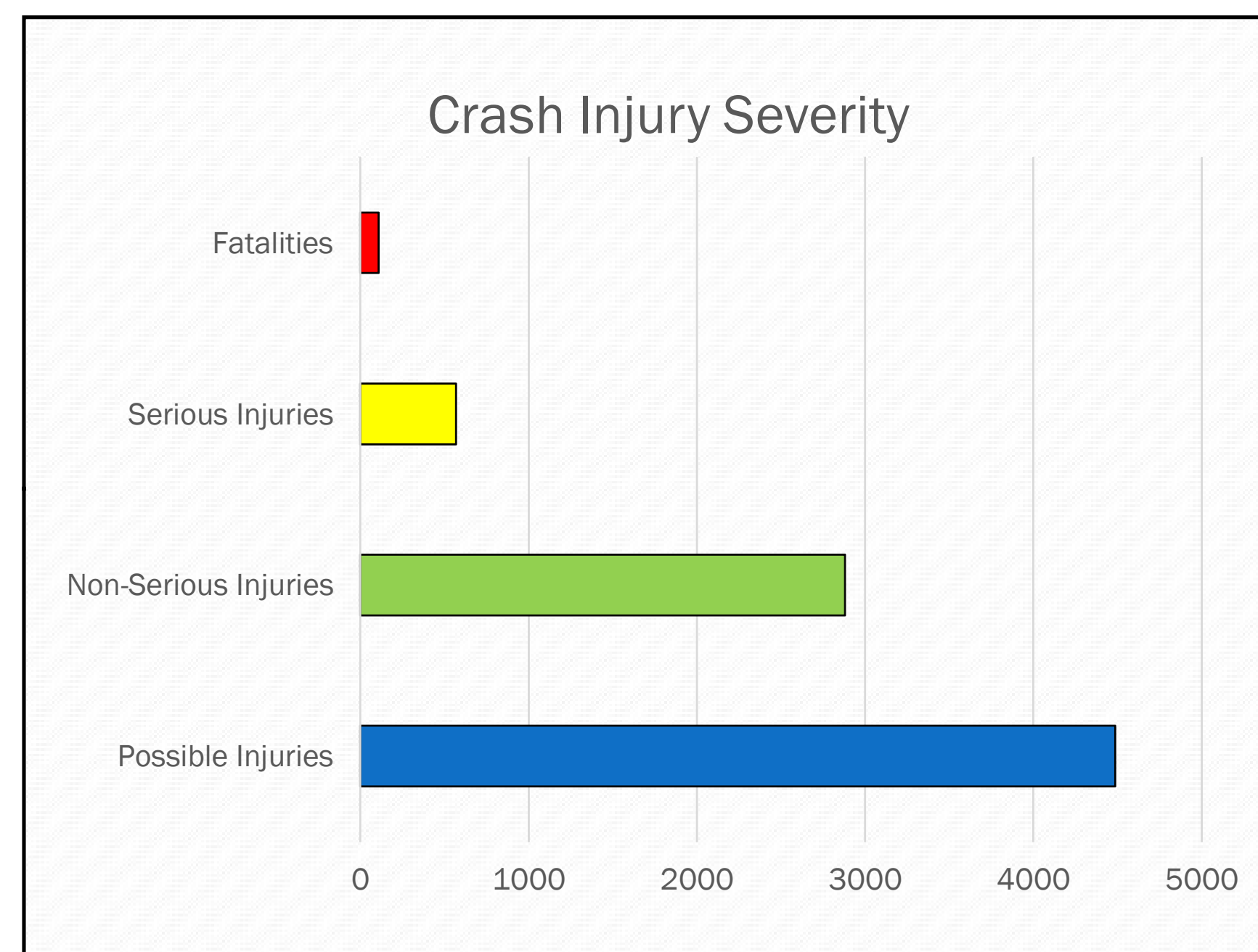


Projected 2040 Traffic Conditions



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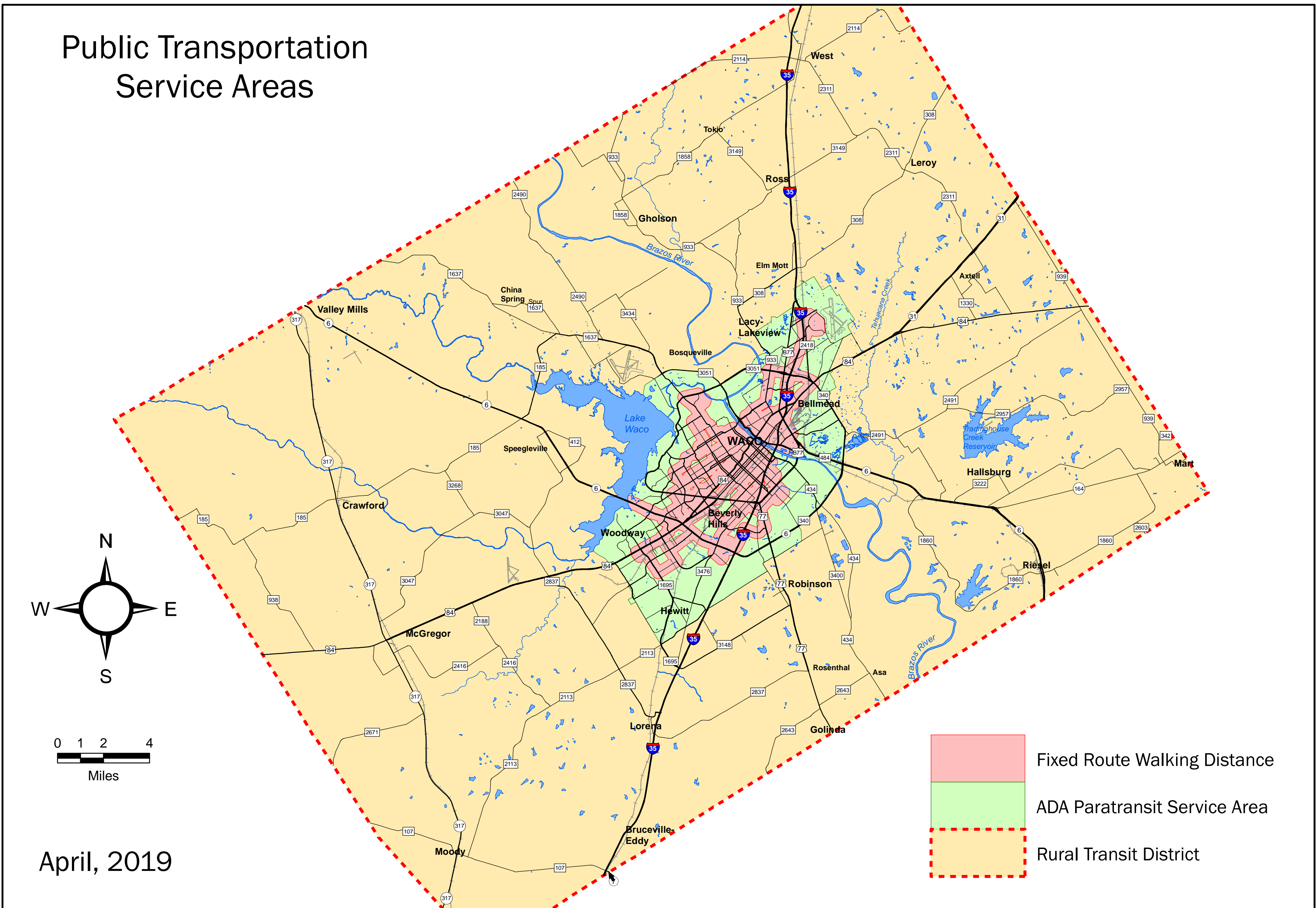
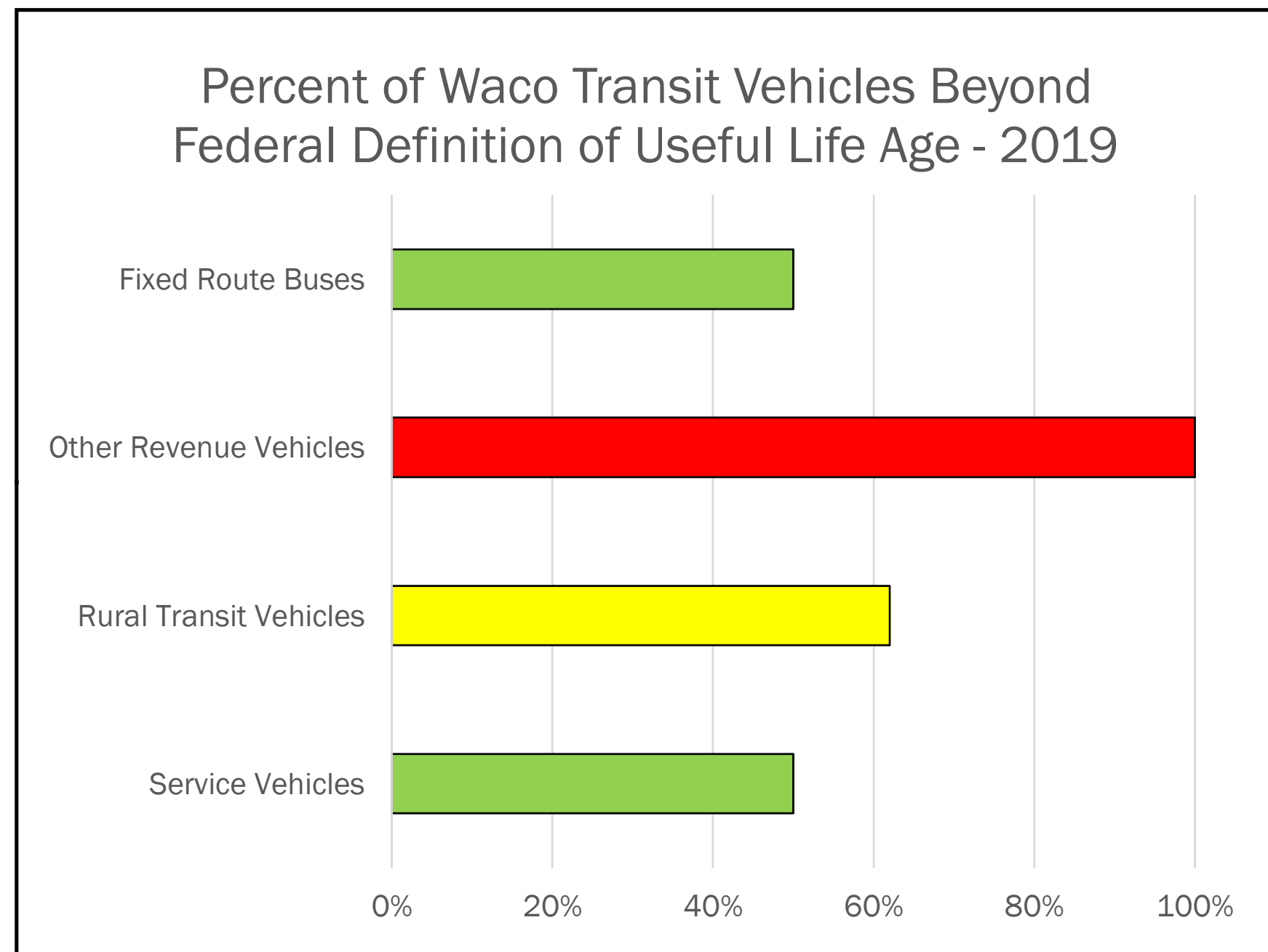
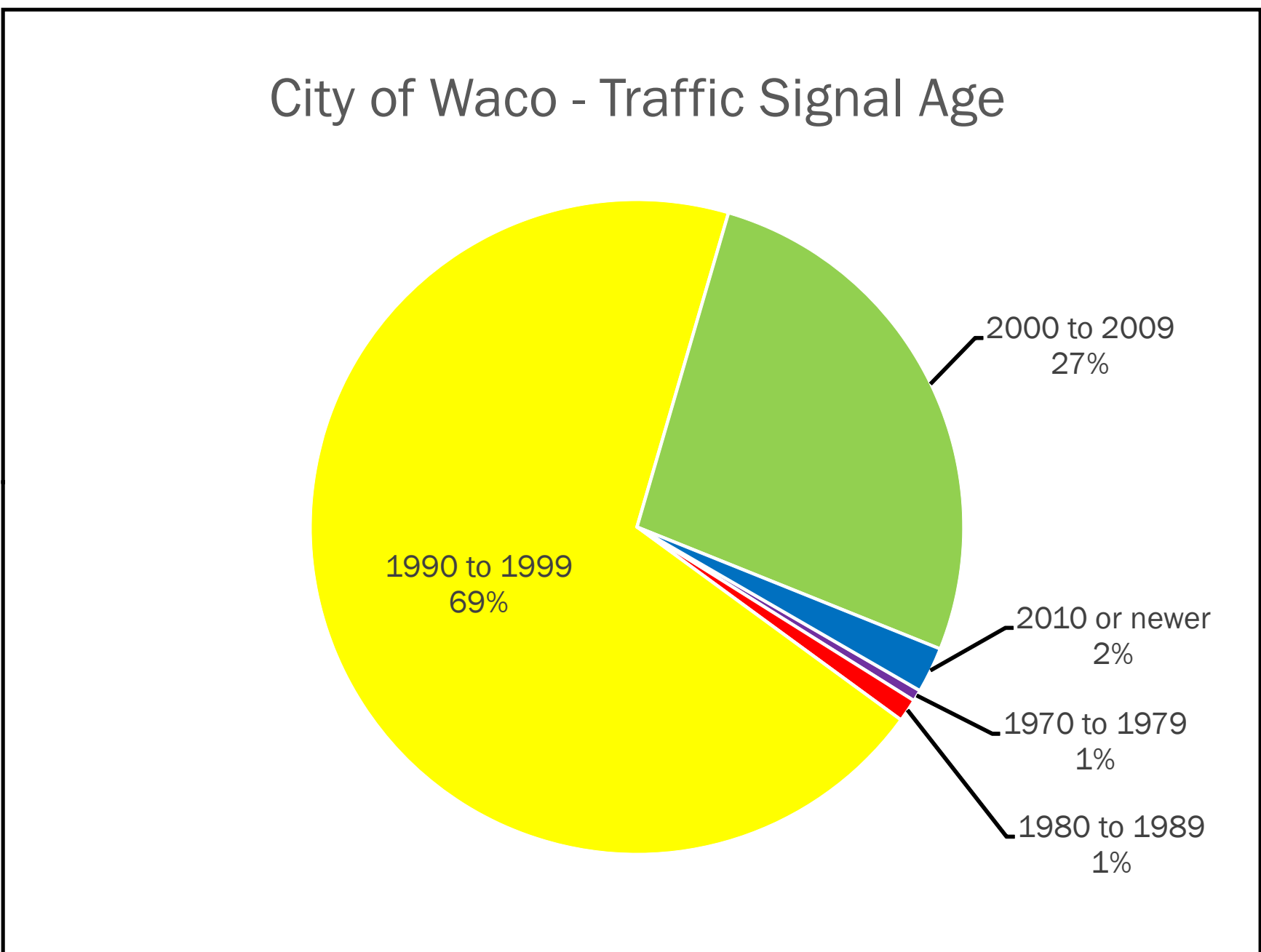
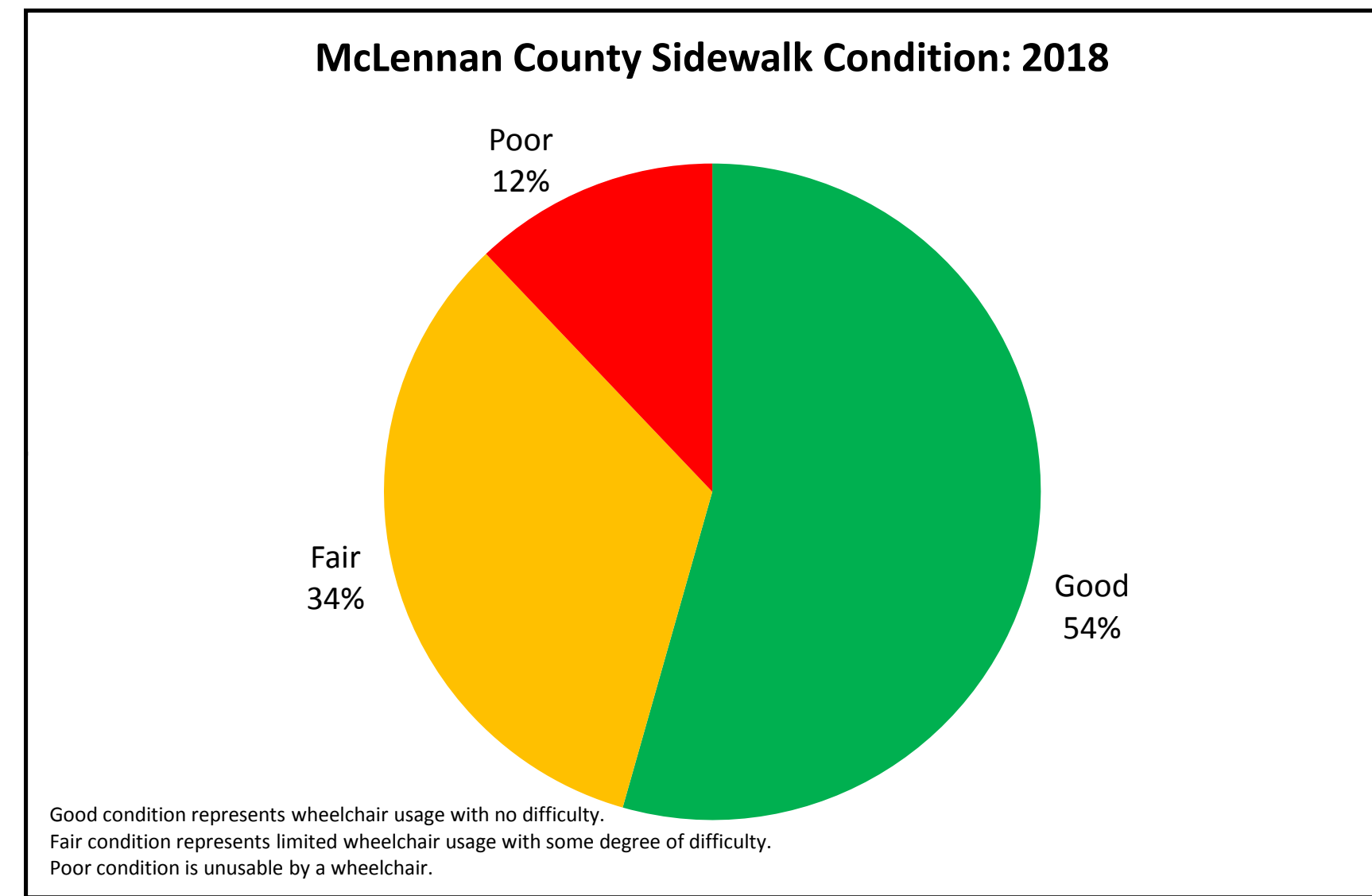
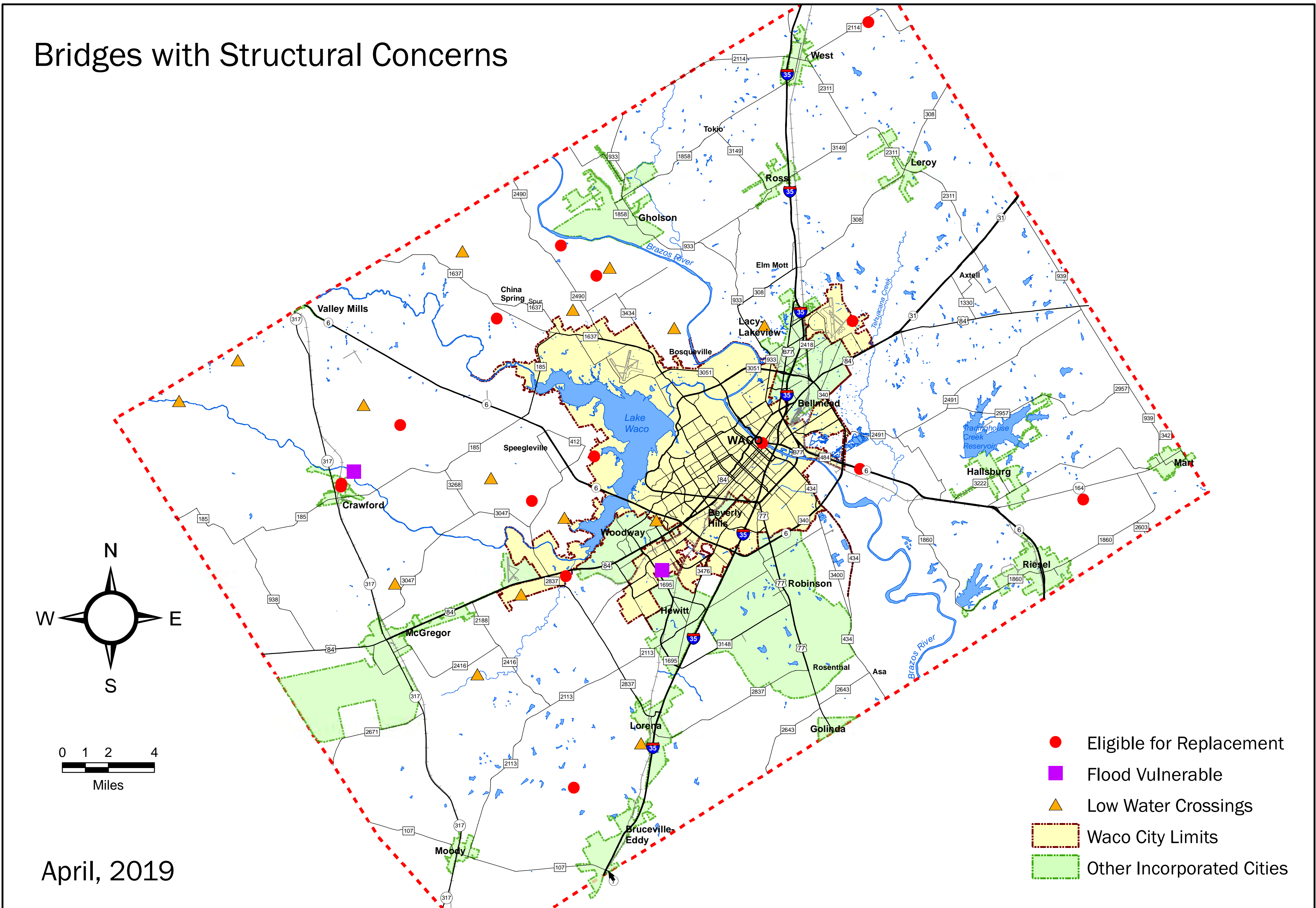
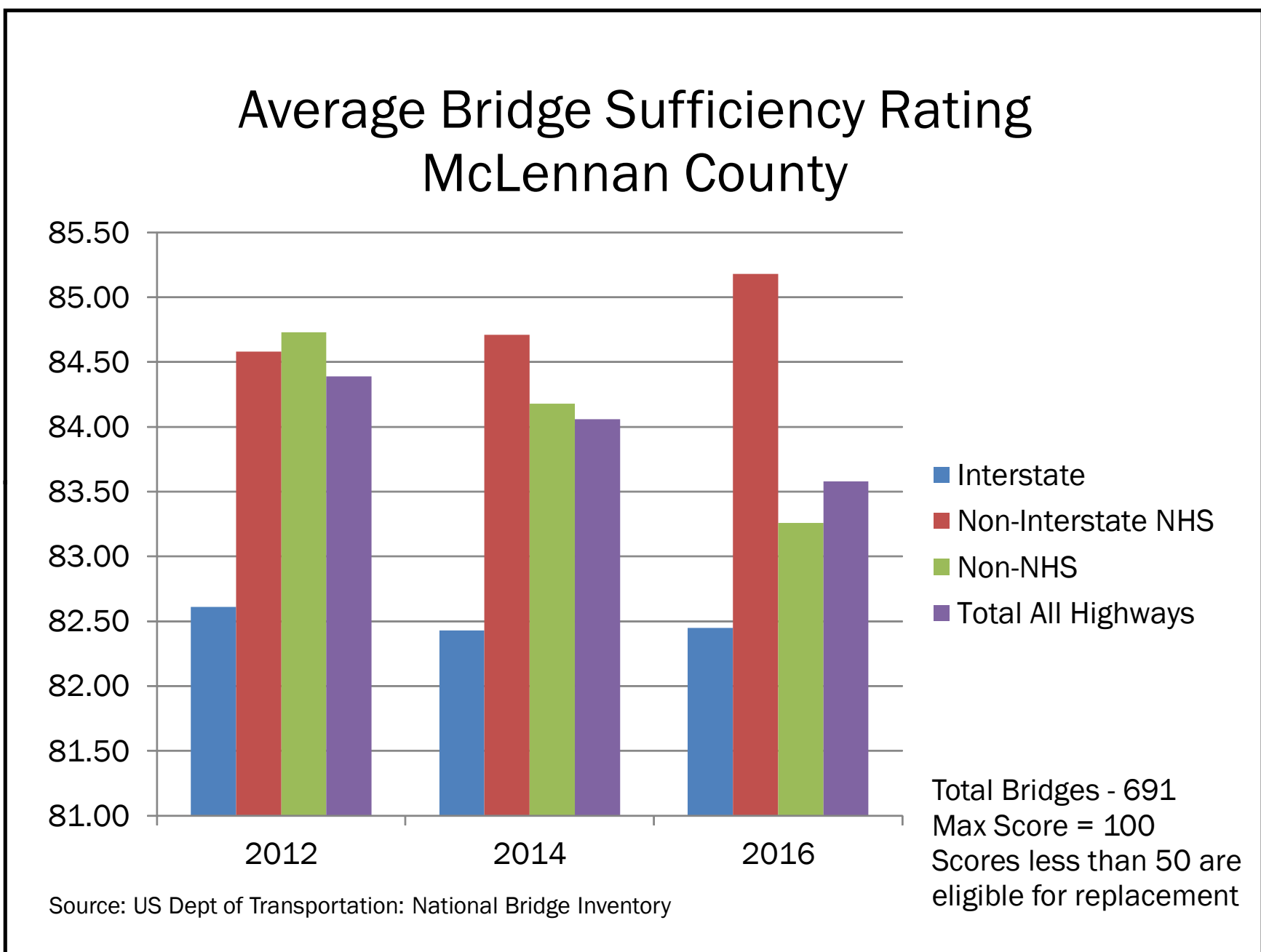
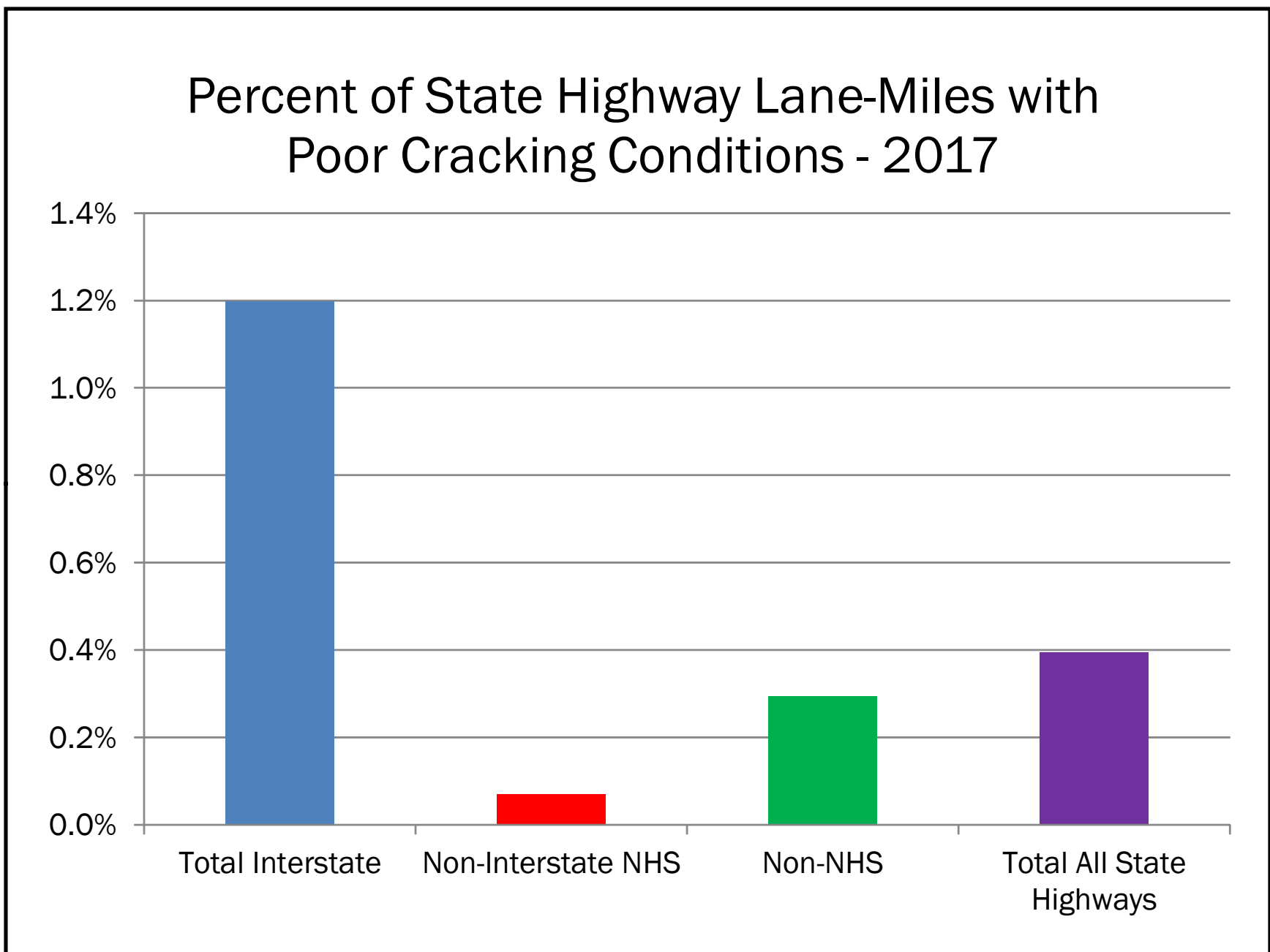
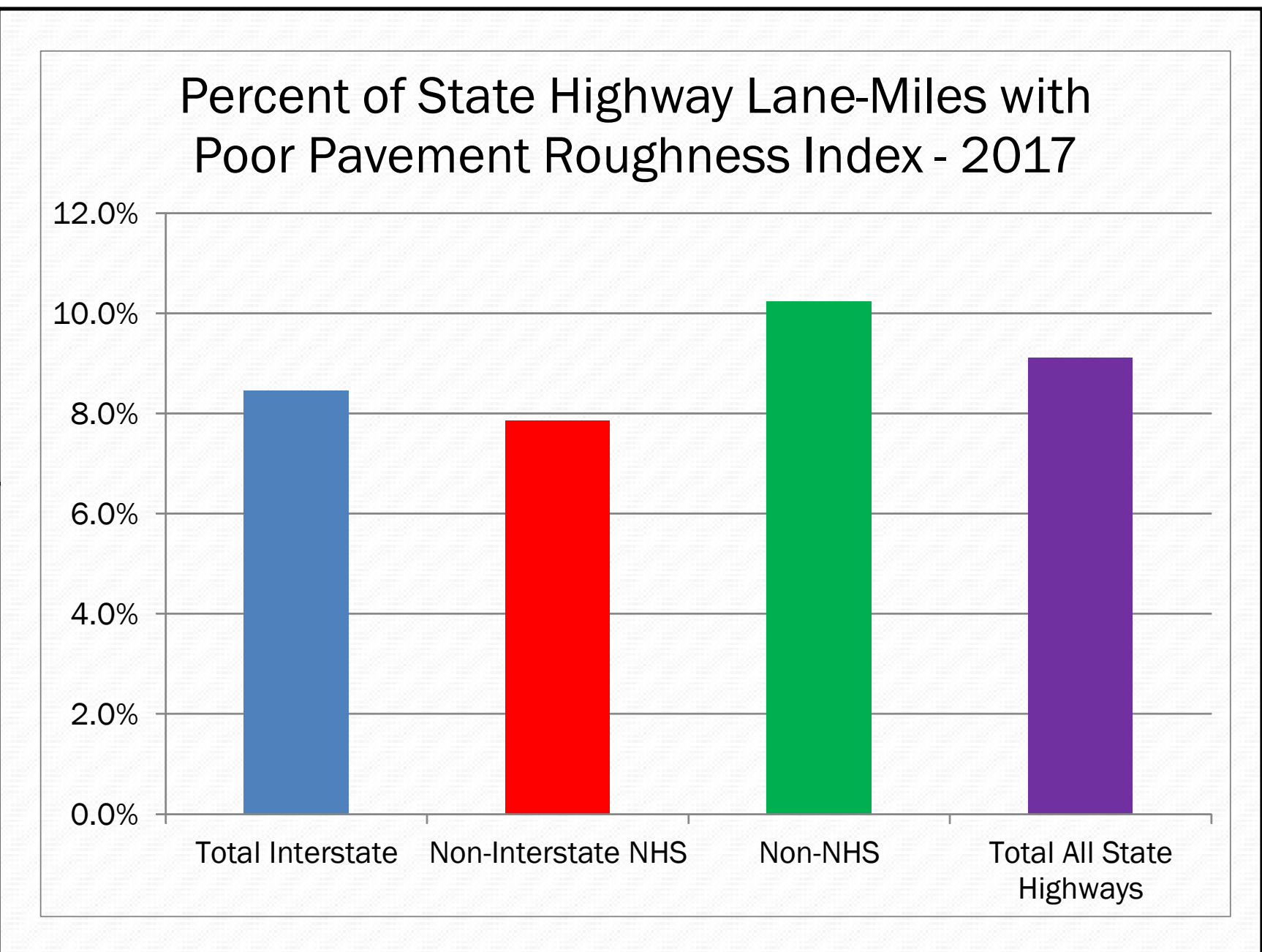
McLennan County Crash Statistics: 2016 to 2018



Source: Texas Department of Transportation:
Crash Records Information System

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Roadway and Transit Vehicle Condition



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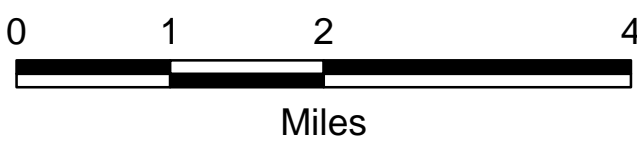
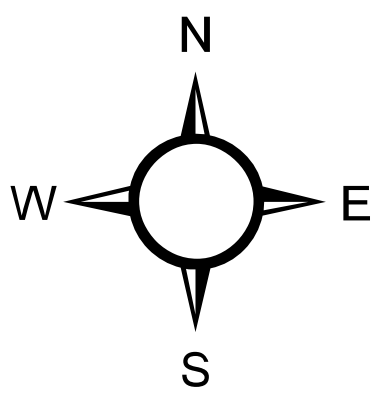
Candidate Highway
Projects for Evaluation
2045 MTP
Waco Metropolitan Area

Intersection Treatments

- Overpass
- Roundabout
- Realignment
- Other

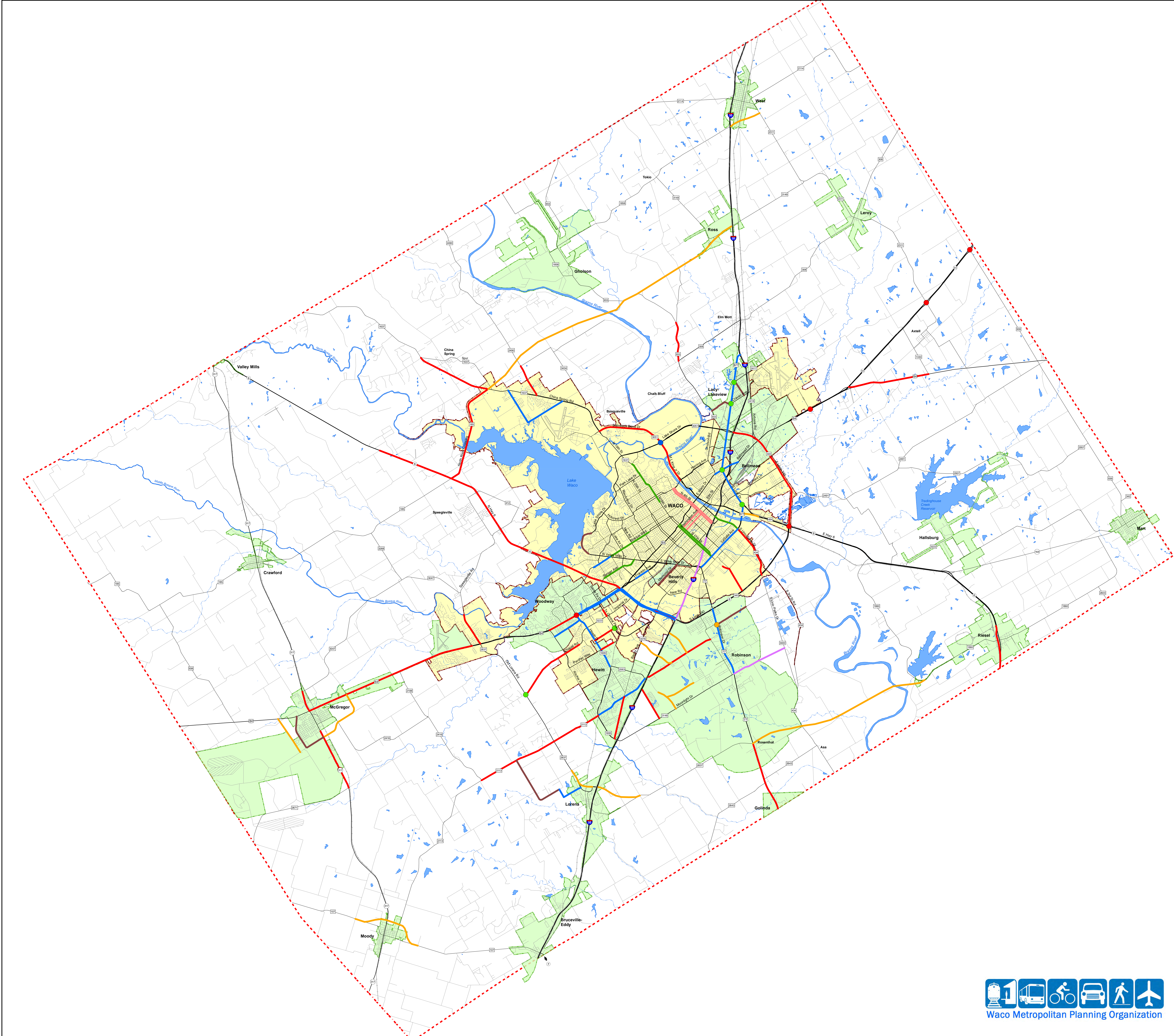
Highway Treatments

- Capacity Expansion
- New Roadway
- Reconstruction
- Redesign
- Road Diet
- Conversion to Two-Way
- Multiple Treatments
- Waco City Limits
- Other Incorporated Cities



April, 2019

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What does the future hold?

How / should Waco's connection to the outside World change?



High Speed Passenger Transportation Study

- Corridor study in conjunction with 6 MPOs along I-35 corridor
- Refine recommendations from TxDOT study on High Speed Rail
- Review feasibility of new technologies (Hyperloop)
- Consultant Recommendations due this Fall

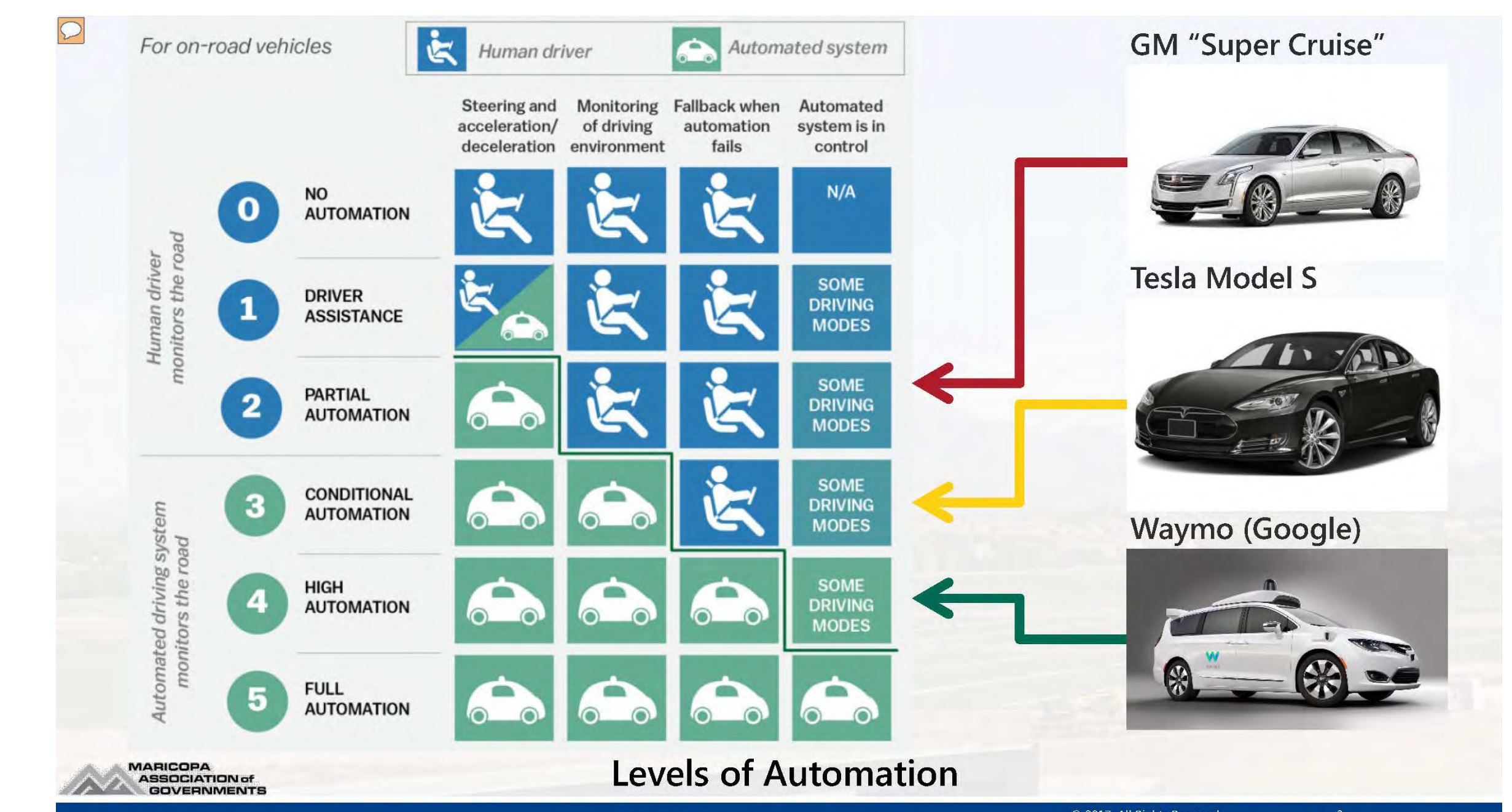


Will getting from Point A to Point B be very different by 2045?

How would vehicle automation impact our community?



Milo autonomous shuttle operating in Arlington, TX



Courtesy: Maricopa Association of Governments (Phoenix, AZ MPO)



Autonomous Vehicle under development outside of Denver, CO



Courtesy: Maricopa Association of Governments (Phoenix, AZ MPO)

