Plano

City of Excellence

Traffic Signal Timing

Plano Transportation

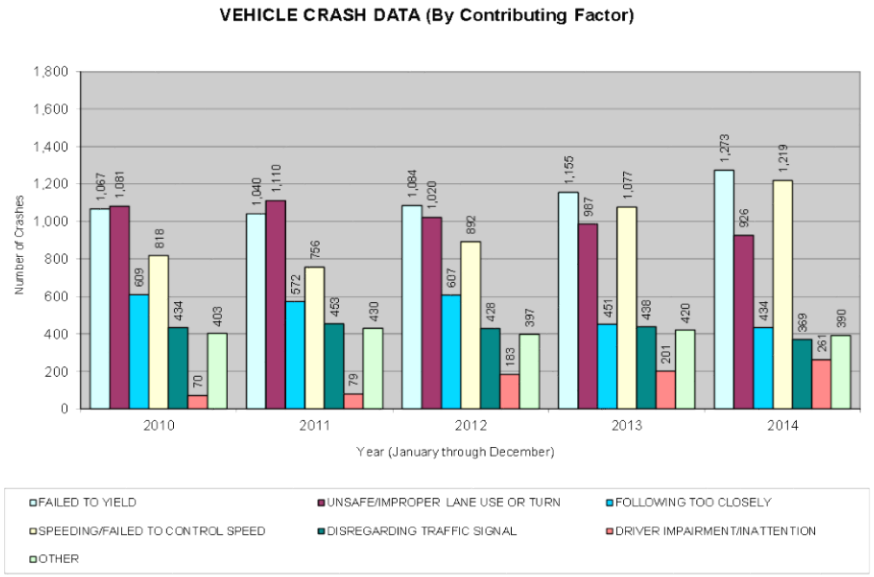
2040 Metropolitan Transportation Plan

MPA County	2017 Population	2040 Population	Growth	Percent Growth
Collin	951,795	1,560,421	608,626	64%
Dallas	2,600,408	3,357,469	757,061	29%
Denton	804,396	1,241,681	437,285	54%
Ellis	163,695	283,898	120,203	73%
Hood	55,034	81,578		
Hunt	87,279	131,022		
Johnson	158,683	252,521	93,838	59%
Kaufman	114,741	210,097	95,356	83%
Parker	123,181	195,286	72,105	59%
Rockwall	93,430	166,357	72,927	78%
Tarrant	2,020,278	3,094,649	1,074,371	53%
Wise	62,588	101,865	39,277	63%
Totals	***7,235,508***	***10,676,844***	***3,441,336***	***48%***

Source: NCTCOG 2040 Demographic Forecasts

64% Growth for Collin County

Traffic Safety Record



The year listed includes crashes that occurred from January through December

Top Three Crash Causes

- Failure to Yield
- Unsafe Lane Changes
- Speeding

Current Transportation Projects

Projects

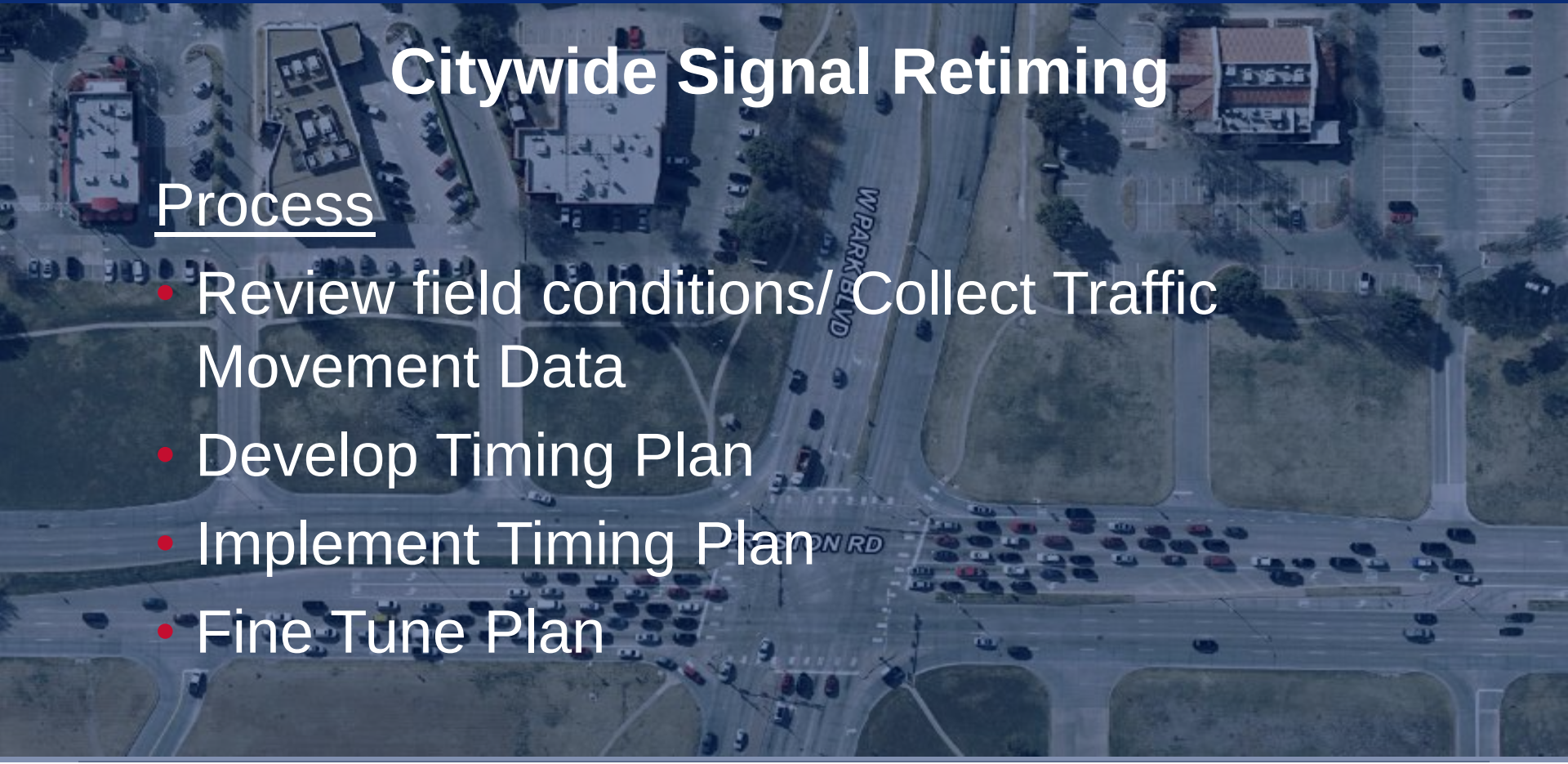
- Legacy Business Area Transportation Study
- Spring Creek Bus Transit Priority
- Traffic Management Center
- Signal Communications
- Citywide Signal Timing

Citywide Signal Retiming

Goals

- Increase Traffic Flow
- Improve Air Quality
- Improve Traffic Safety
- Decrease Vehicle Stops
- Improve Emergency Vehicle Response Time

Citywide Signal Retiming



Process

- Review field conditions/ Collect Traffic Movement Data
- Develop Timing Plan
- Implement Timing Plan
- Fine Tune Plan

Citywide Signal Retiming

Projects Complete

- Preston Road
- Plano Parkway
- Custer Rd
- Spring Creek Pkwy

Future Projects

- Coit Road
- Alma Road
- Independence Prkwy

Questions

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