



Hatcher Road Traffic Patterns and Streetscape Update

Hatcher Road – 19th Ave to Cave Creek Rd

August 26, 2010



Kerry Wilcoxon

**City of Phoenix Street Transportation Department
Safety & Neighborhood Traffic**






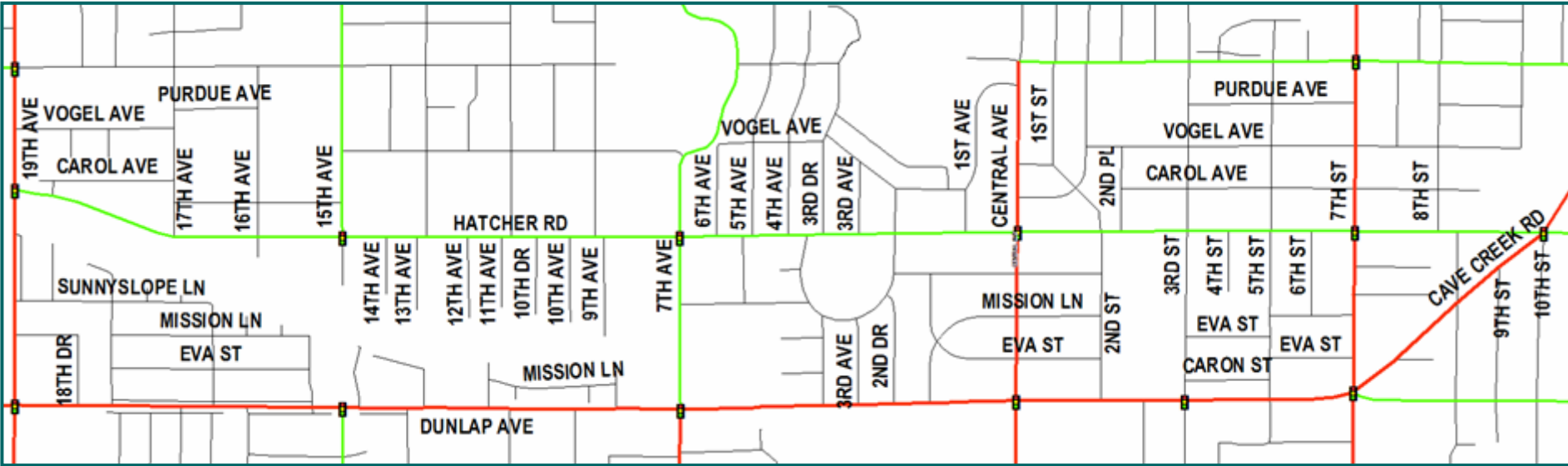
Overview

This presentation will cover:

- 2009 Traffic Study Results
 - Seasonal Traffic Volume
 - Vehicle Origin Study
- Crash Study Update
- Preliminary Streetscape Design

Neighborhood Streets

 Arterial Street  Collector Street  Local Street



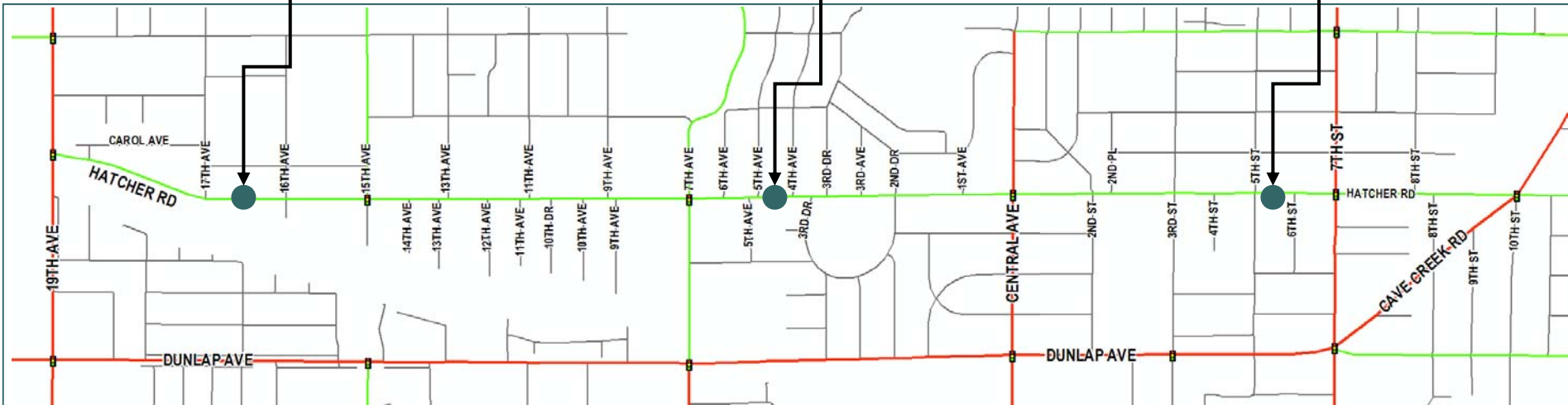
Traffic Volume Conditions

Summer 2009 Study

19th to 7th
Aves
11,155 VPD
5,045 EB / 6,110 WB

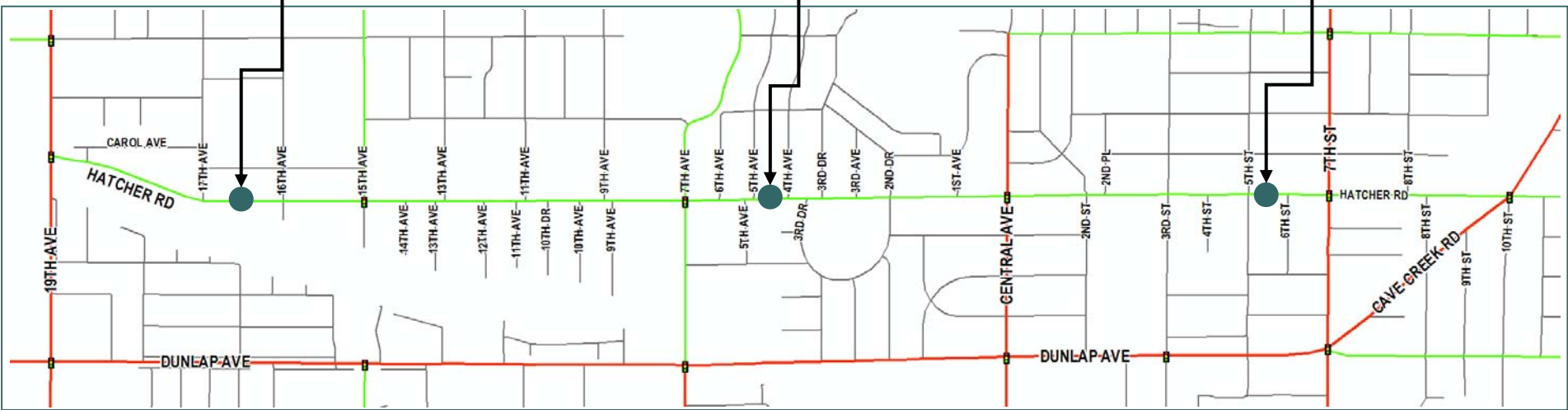
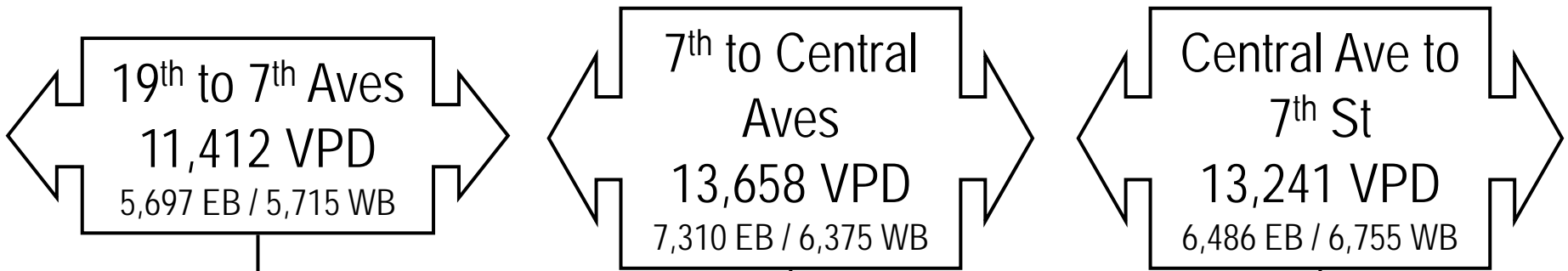
7th to Central
Aves
14,698 VPD
7,449 EB / 7,249 WB

Central Ave to
7th St
12,400 VPD
6,536 EB / 5,864 WB



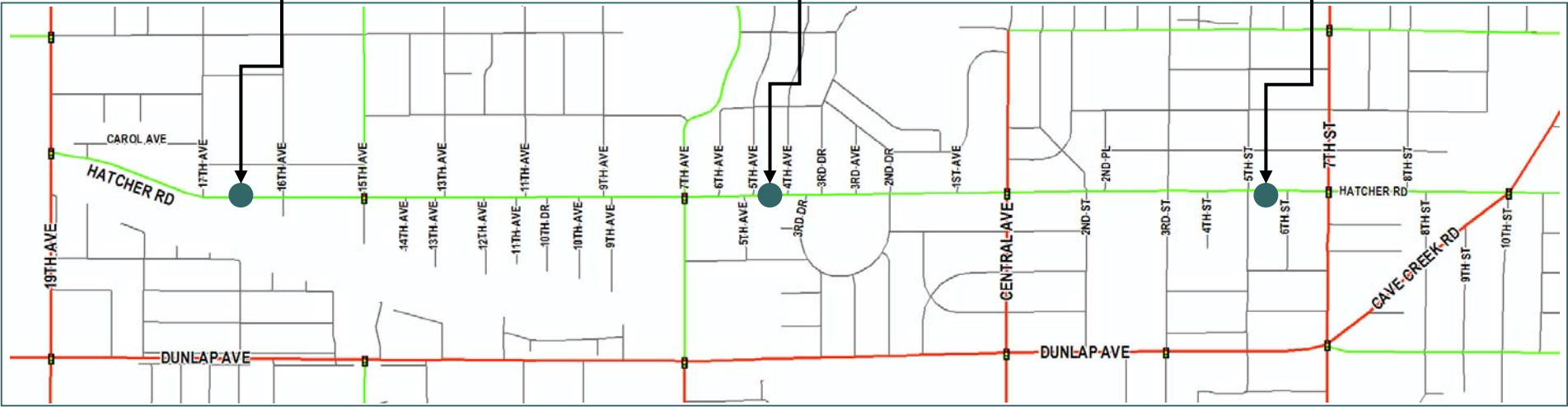
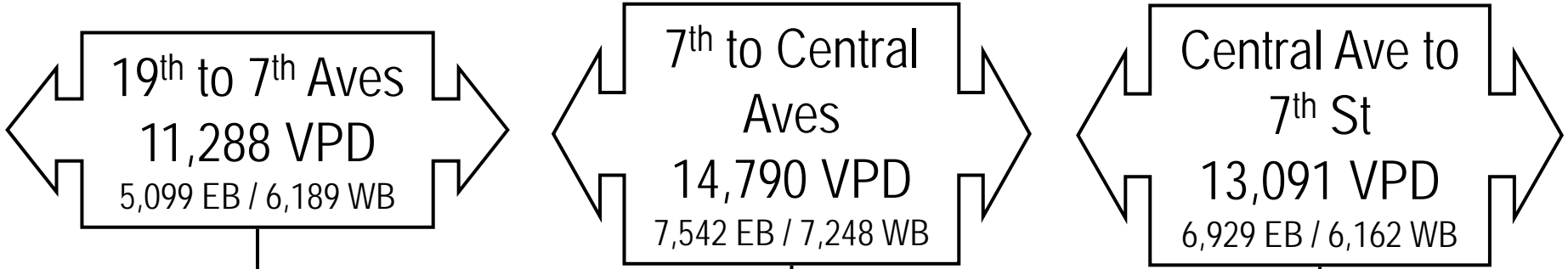
Traffic Volume Conditions

Fall 2009 Study



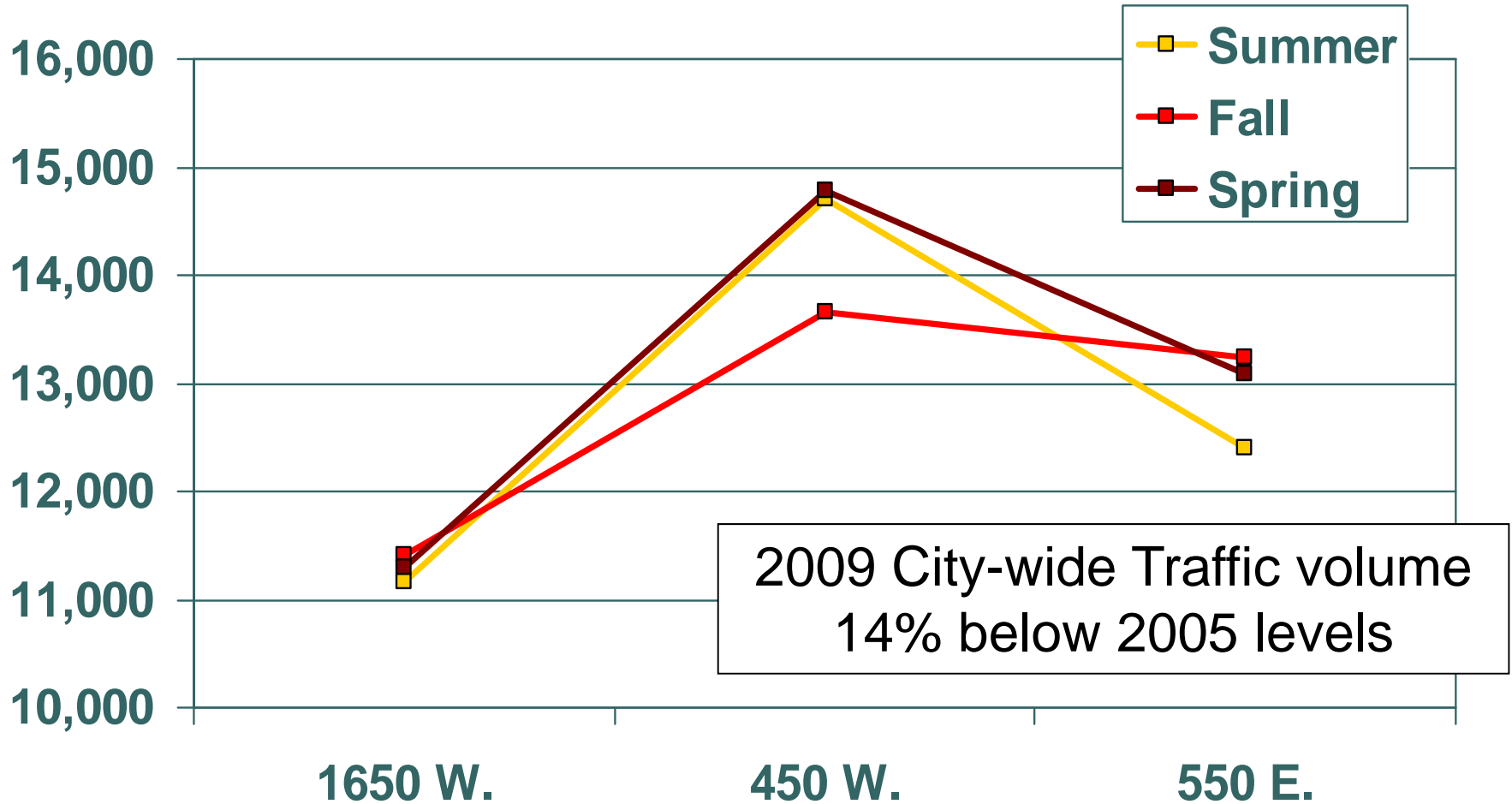
Traffic Volume Conditions

Spring 2010 Study



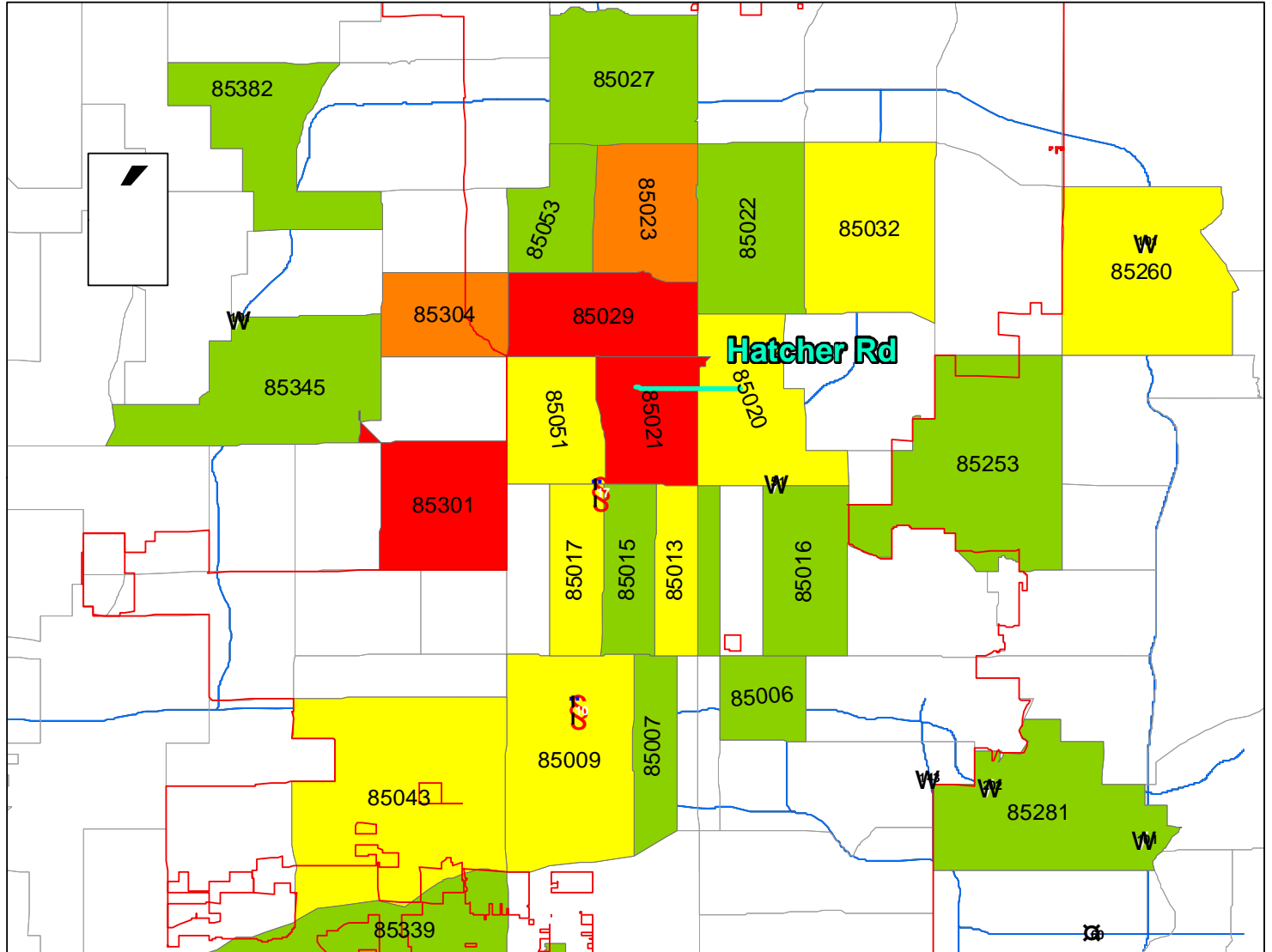
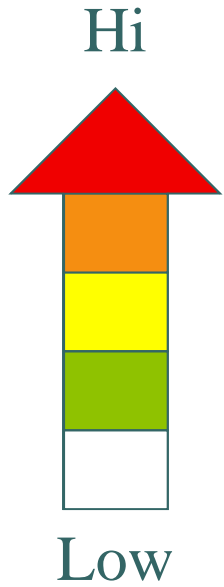
Traffic Volume Overview

Seasonal Comparison



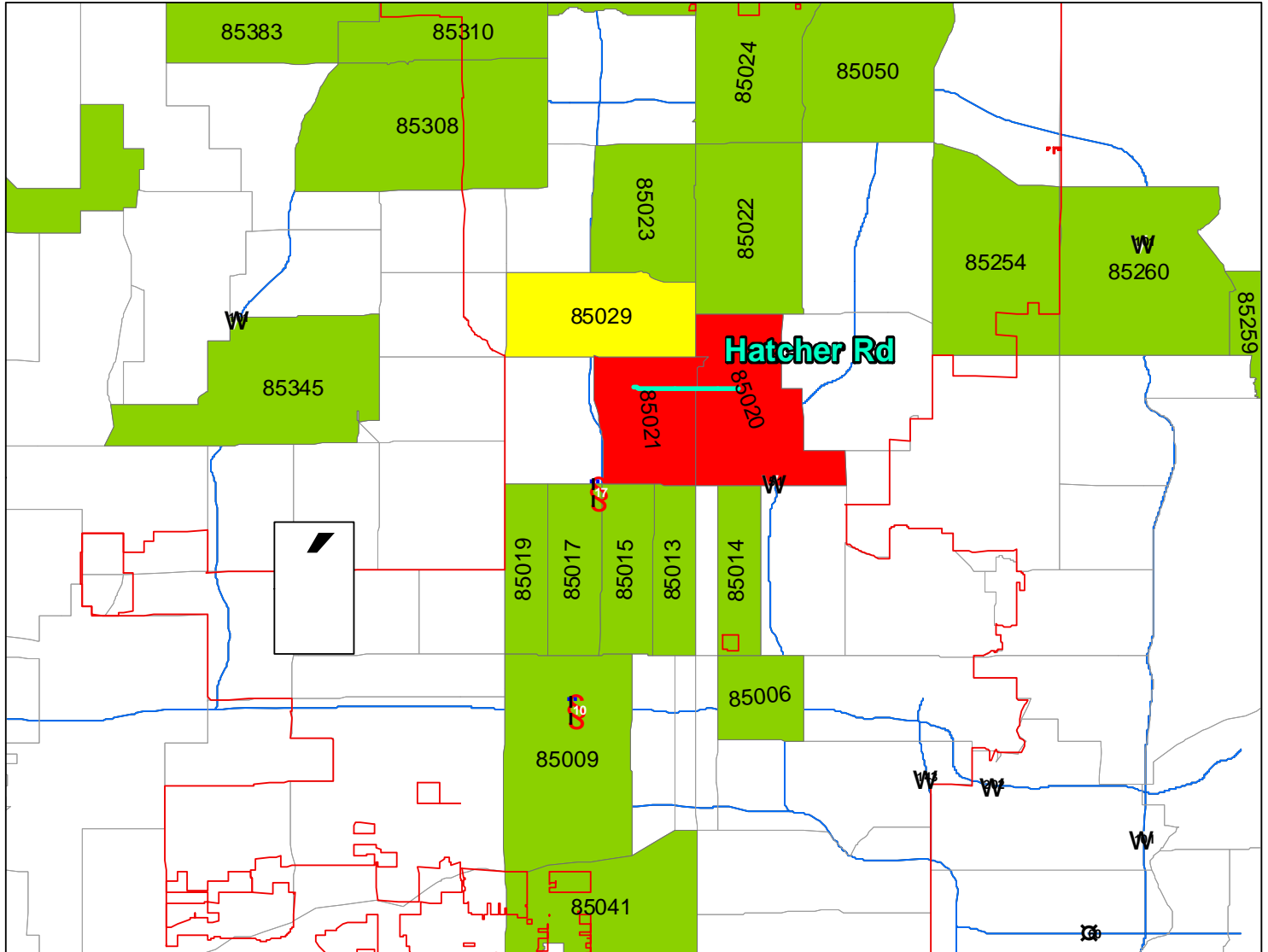
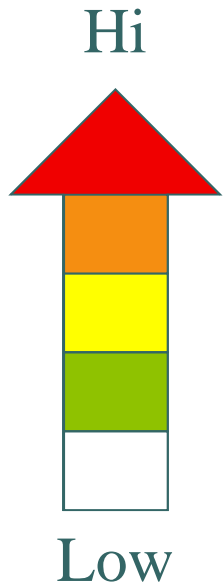
Trip Origin Study

Eastbound Motorist



Trip Origin Study

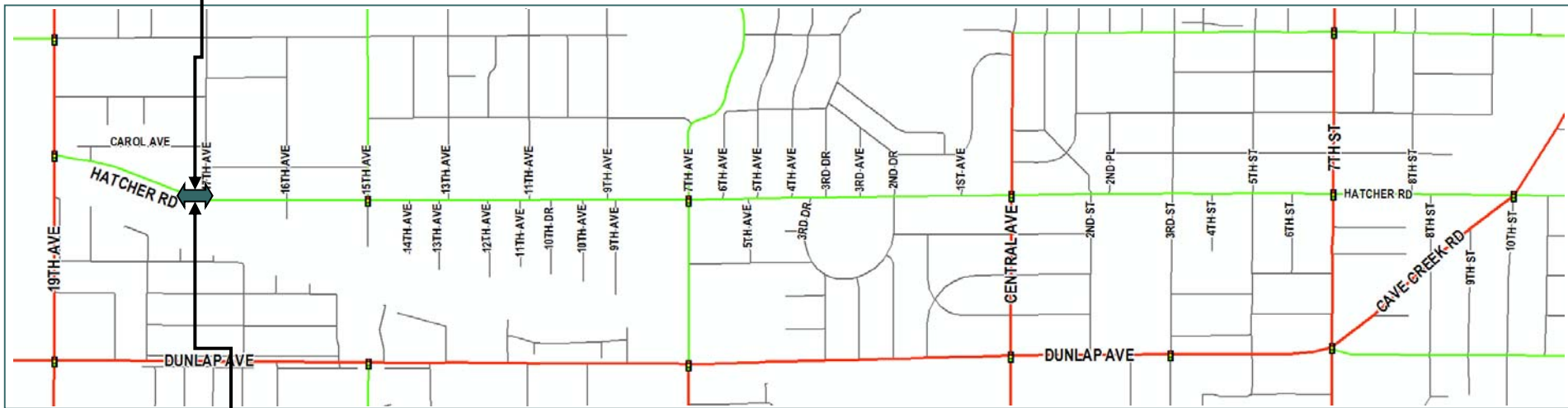
Westbound Motorist



Traffic Crash History 2006-2009

Before and After Street Light Installation

19th Ave – 15th Ave
5.5 Crashes
1.3 Night Crashes



2 Total Crashes
0 Night Crashes

Traffic Crash History 2006-2009

Before and After Street Light Installation

15th Ave
4.3 Total Crashes
1 Night Crash

1 Total Crash
1 Night Crash



Traffic Crash History 2006-2009

Before and After Street Light Installation

15th Ave - 7th Ave
20 Crashes
5.5 Night Crashes

10 Total Crashes
3 Night Crashes

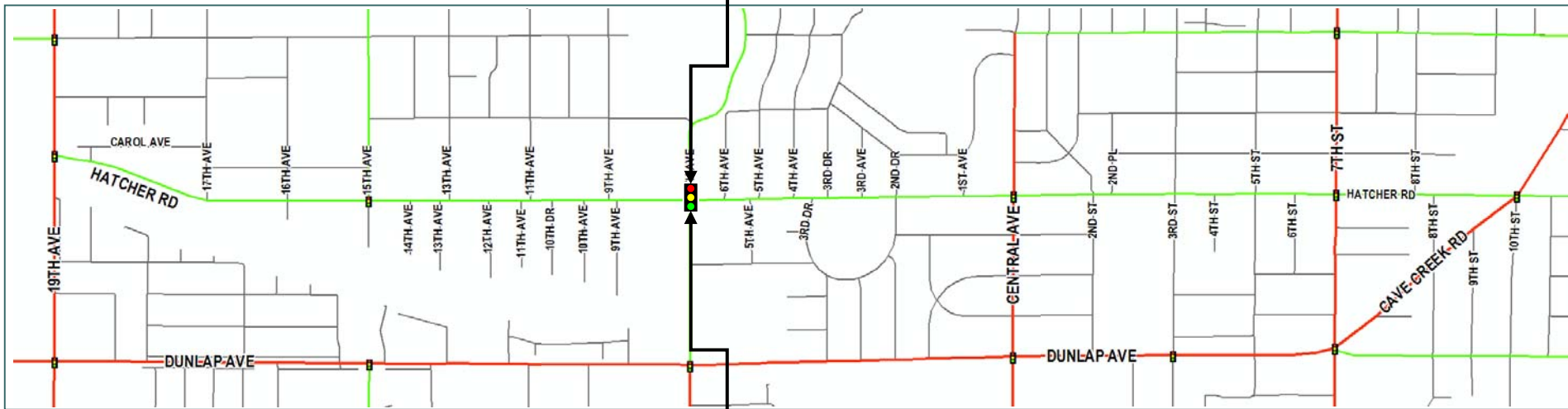


Traffic Crash History 2006-2009

Before and After Street Light Installation

7th Ave
10.8 Total Crashes
2 Night Crash

2 Total Crash
1 Night Crash

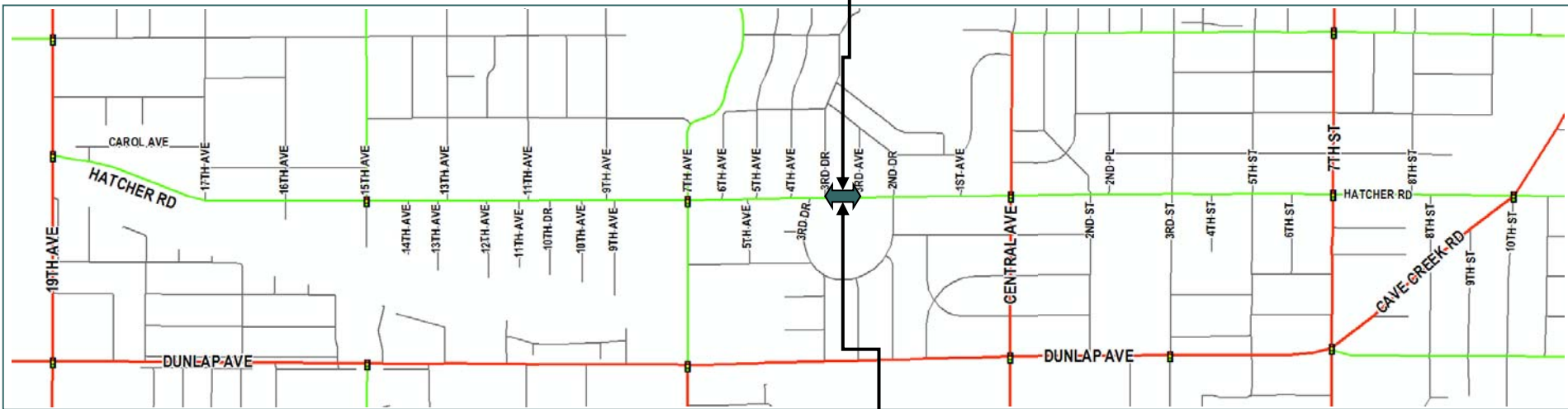


Traffic Crash History 2006-2009

Before and After Street Light Installation

7th Ave – Central Ave
9.8 Crashes
2 Night Crashes

5 Total Crashes
0 Night Crashes

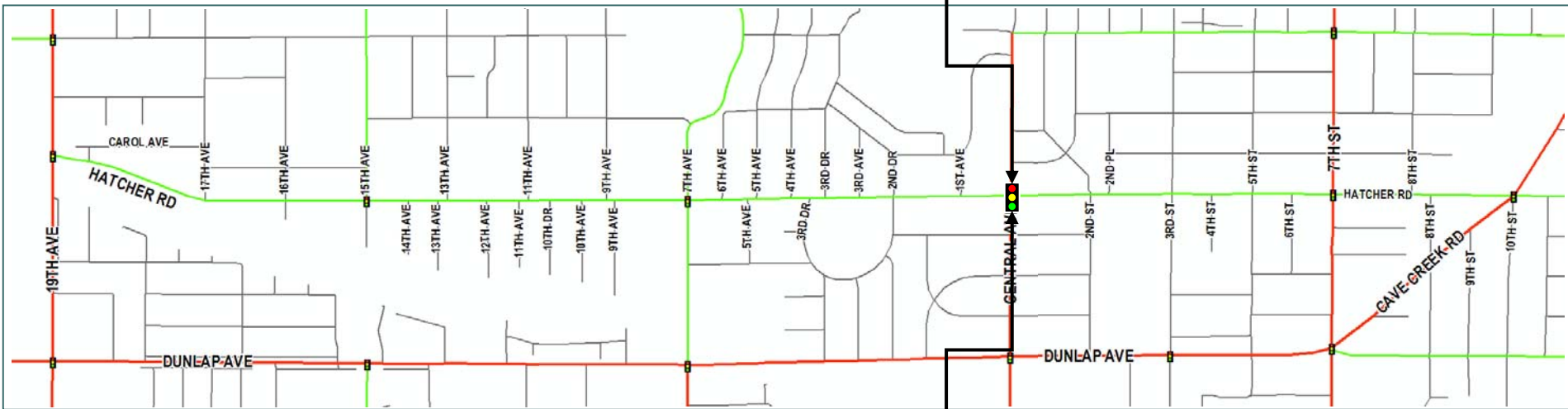


Traffic Crash History 2006-2009

Before and After Street Light Installation

Central Ave
8.3 Total Crashes
1.8 Night Crash

6 Total Crash
2 Night Crashes



Traffic Crash History 2006-2009

Before and After Street Light Installation

Central Ave – 7th St
17 Crashes
2.3 Night Crashes



9 Total Crashes
3 Night Crashes

Traffic Crash History 2006-2009

Before and After Street Light Installation

7th St
18.4 Total Crashes
5.8 Night Crash

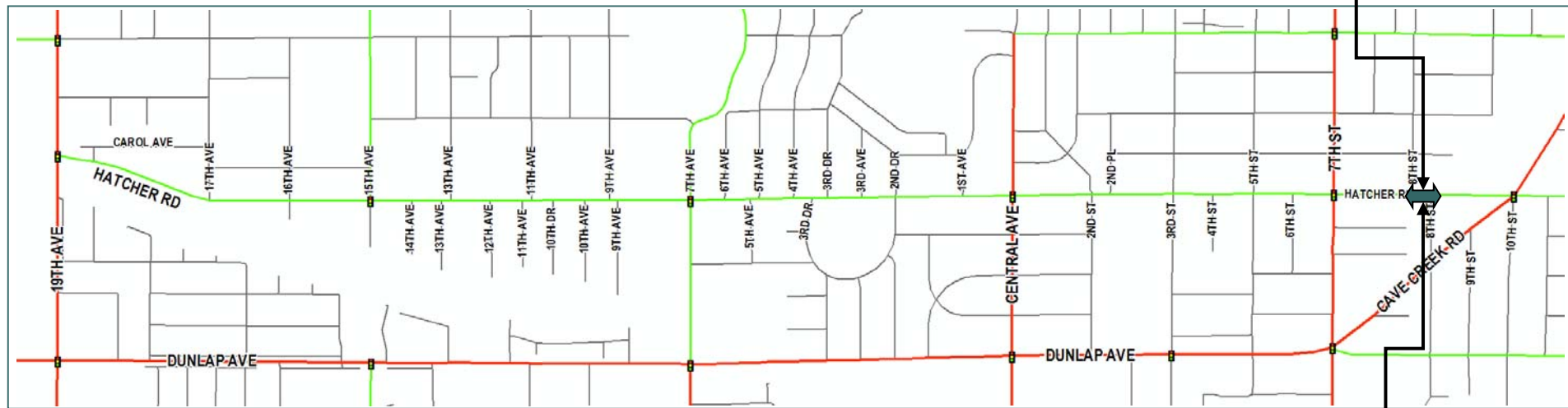
8 Total Crash
2 Night Crashes



Traffic Crash History 2006-2009

Before and After Street Light Installation

7th St - Cave Creek Rd
4.5 Crashes
1.5 Night Crashes



2 Total Crashes
0 Night Crashes

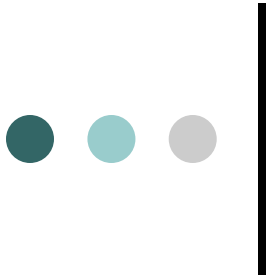
Preliminary Streetscape Design

Variegated Concrete Slab Sidewalk

New shade trees both sides of street

Existing shade trees on south side preserved





Questions

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