

**COLLISION PROFILE SUMMARY**

**VISION  
ZERO**  
**SACRAMENTO**  
**ZERO TRAFFIC DEATHS**



# PROCESS

**1 SET GOALS  
AND POLICY**

**2 DATA  
COLLECTION**

**3 DATA  
ANALYSIS**

**4 COLLISION  
PROFILES**

**5 COUNTER-  
MEASURES**

**6 ACTION  
PLAN**



# PROFILES

# ABOUT PROFILES

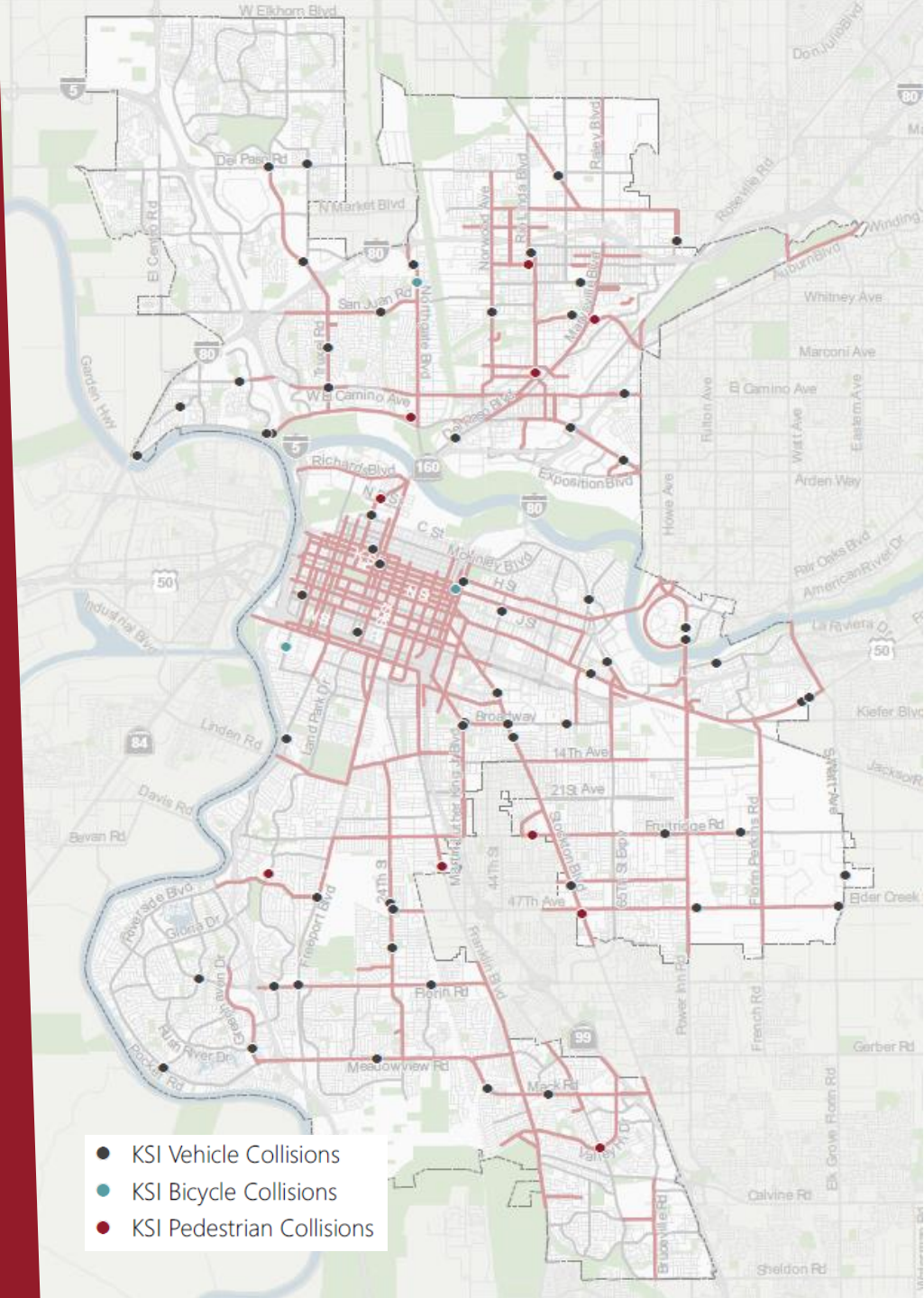
- **KSI collisions, 2009-2015**
- **Discover the story of factors and locations**
- **Highlight locations of most common collision types**
- **Highlight locations of collision types for each mode: walking, bicycling and driving**



# PROFILE 1

unsafe speed on non-local streets

# PROFILE 1



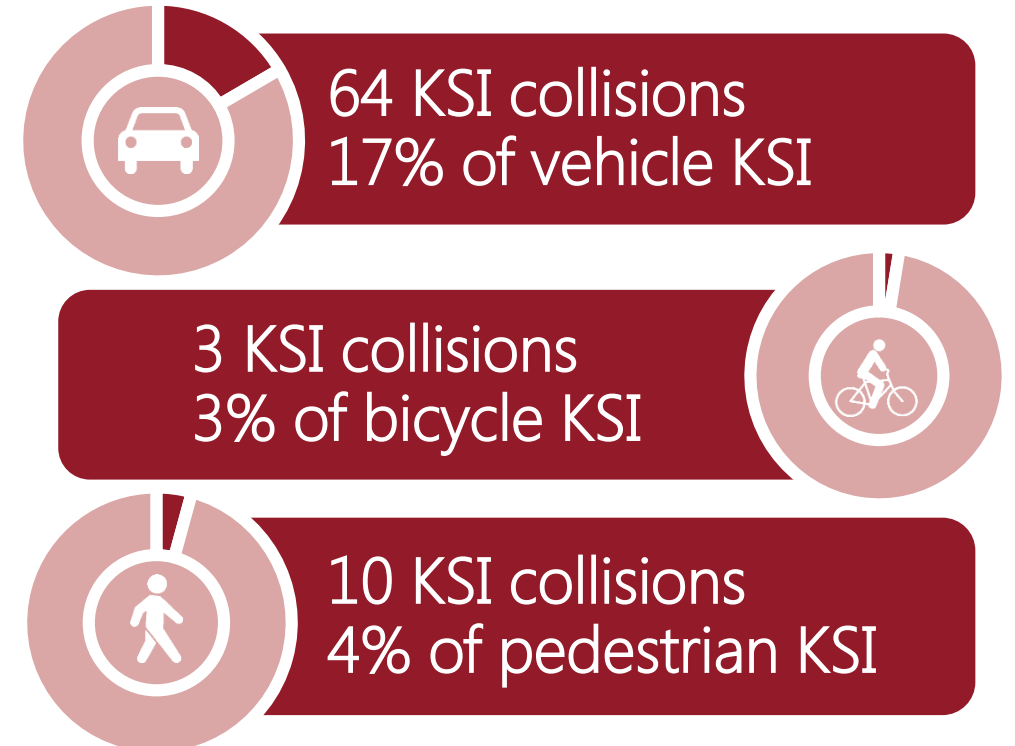
## COLLISION STATS DEFINITION

all modes

primary collision factor = "unsafe speed"  
(driver was driving faster than was "reasonable")

on arterial or collector streets

77 KSI collisions | 10% of KSI collisions



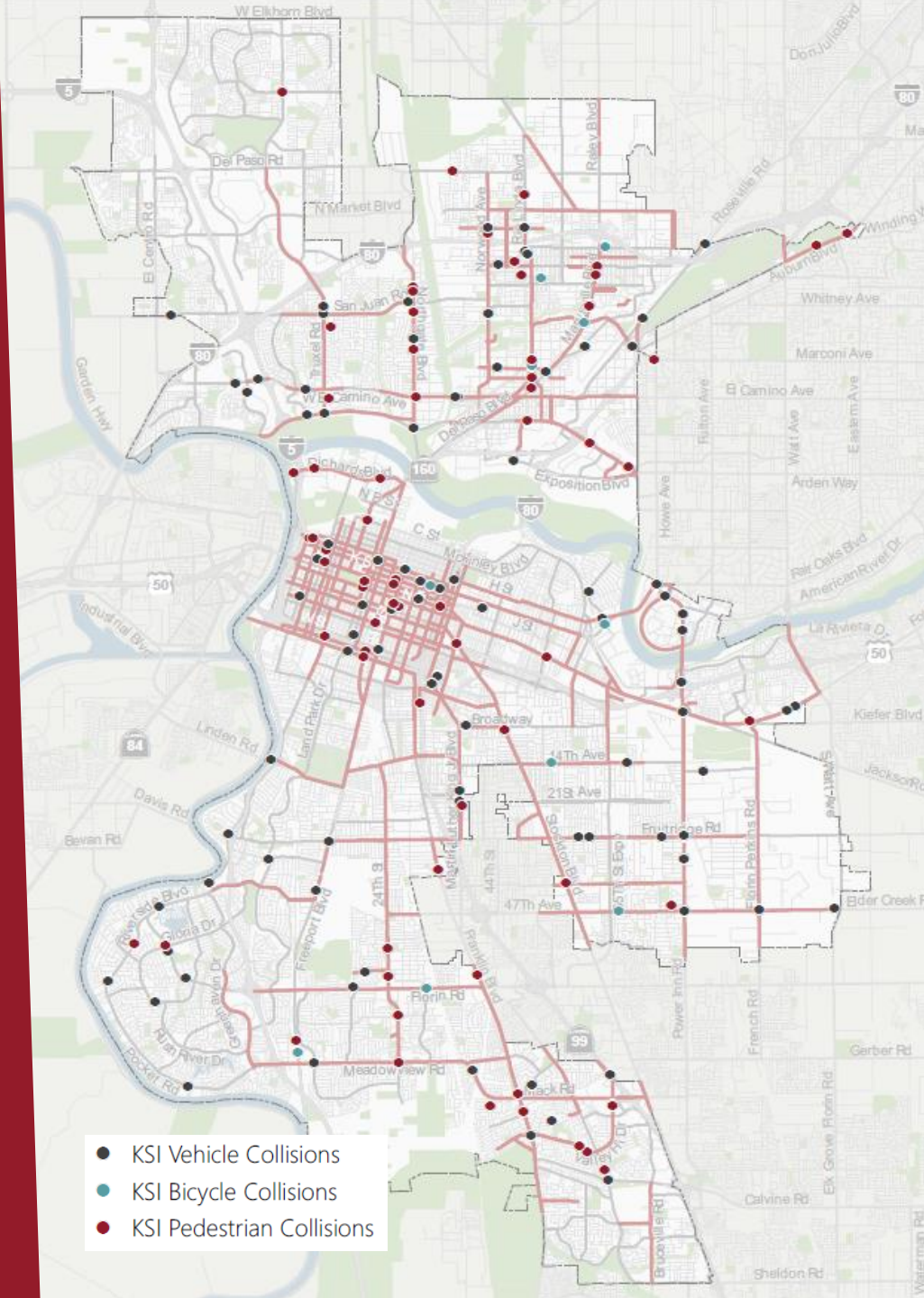


# PROFILE 2

alcohol involved



# PROFILE 2

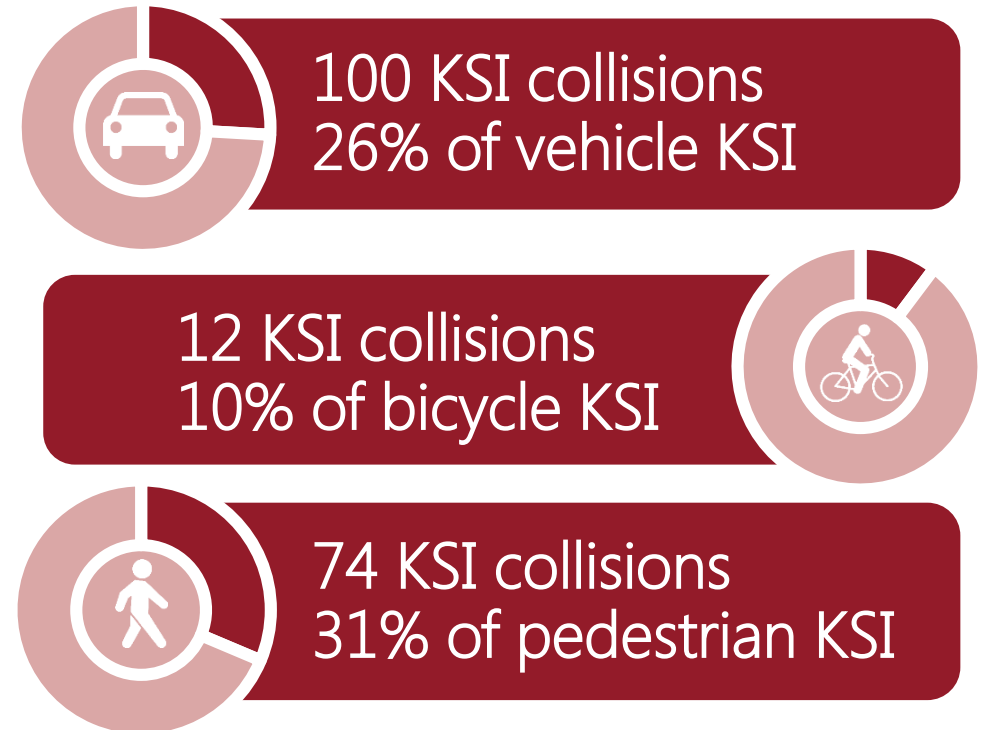


## COLLISION STATS DEFINITION

all modes

alcohol involved

186 KSI collisions | 25% of KSI collisions



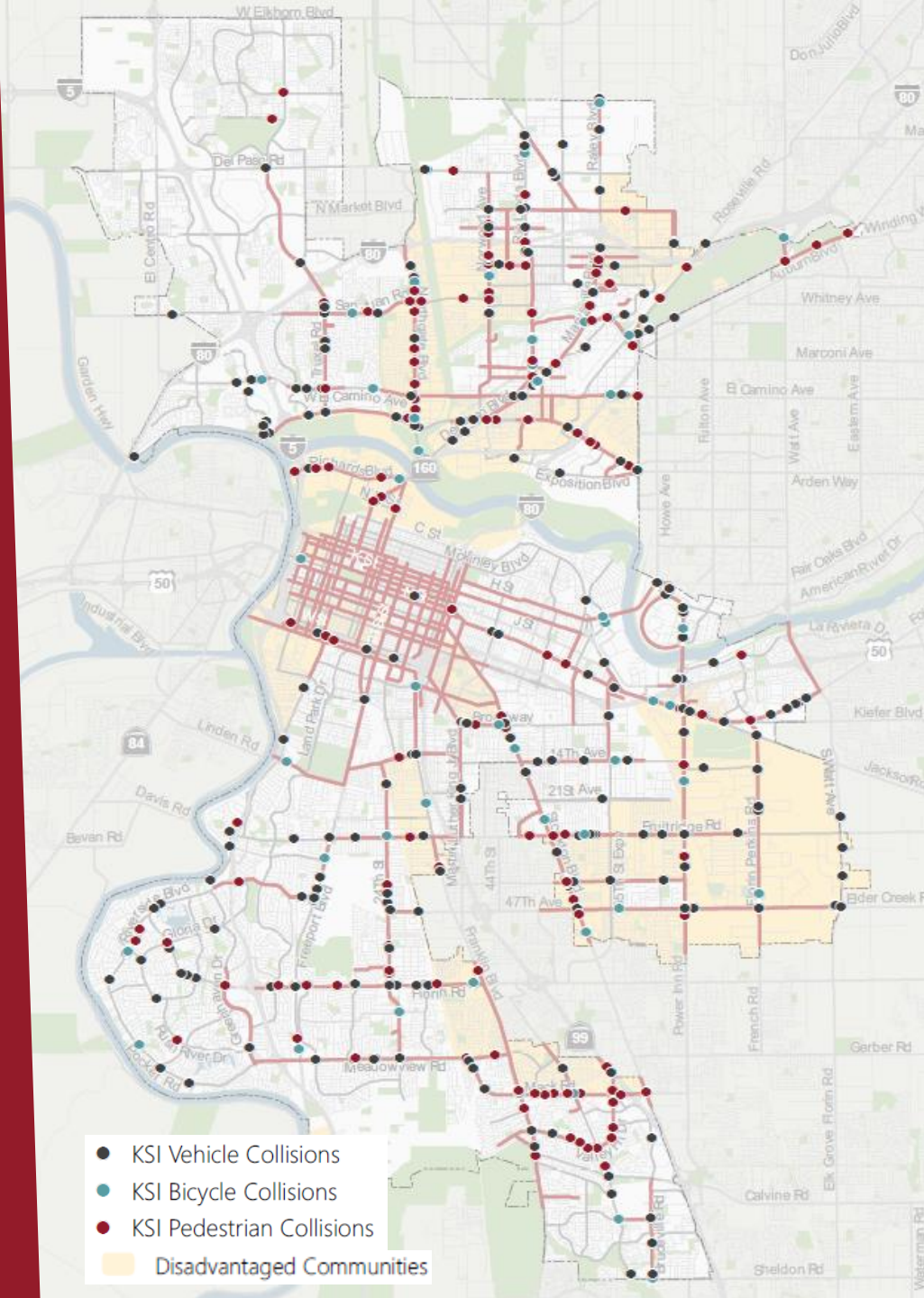




# **PROFILE 3**

posted speed 35+ mph

# PROFILE 3

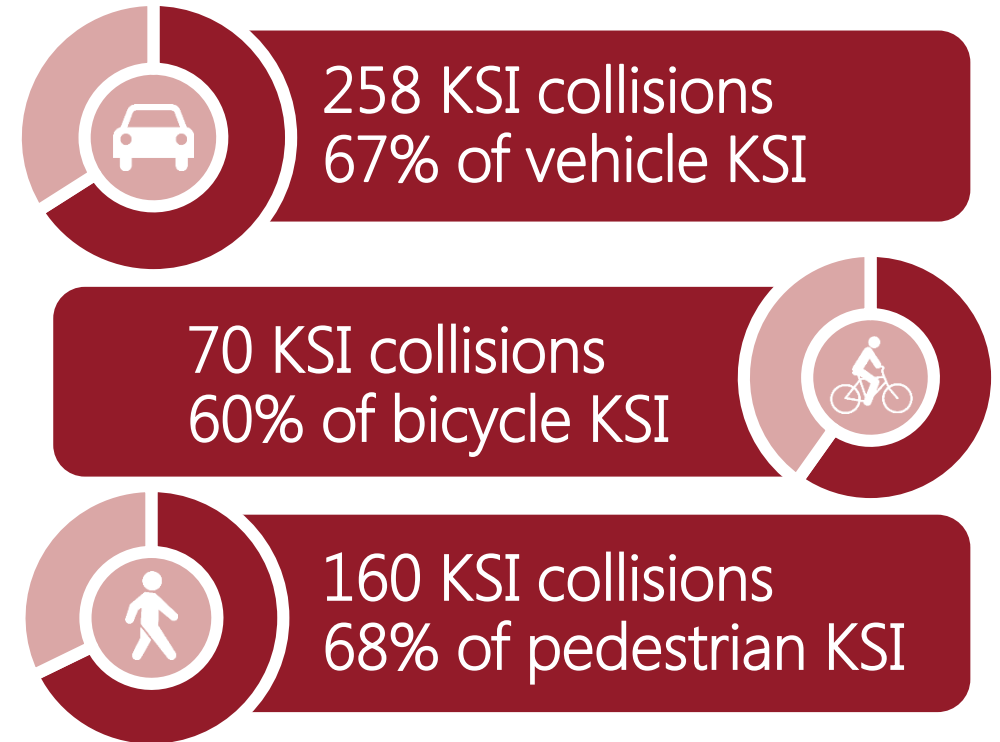


## COLLISION STATS DEFINITION

all modes

on streets with posted speed 35+ mph

487 KSI collisions | 66% of KSI collisions

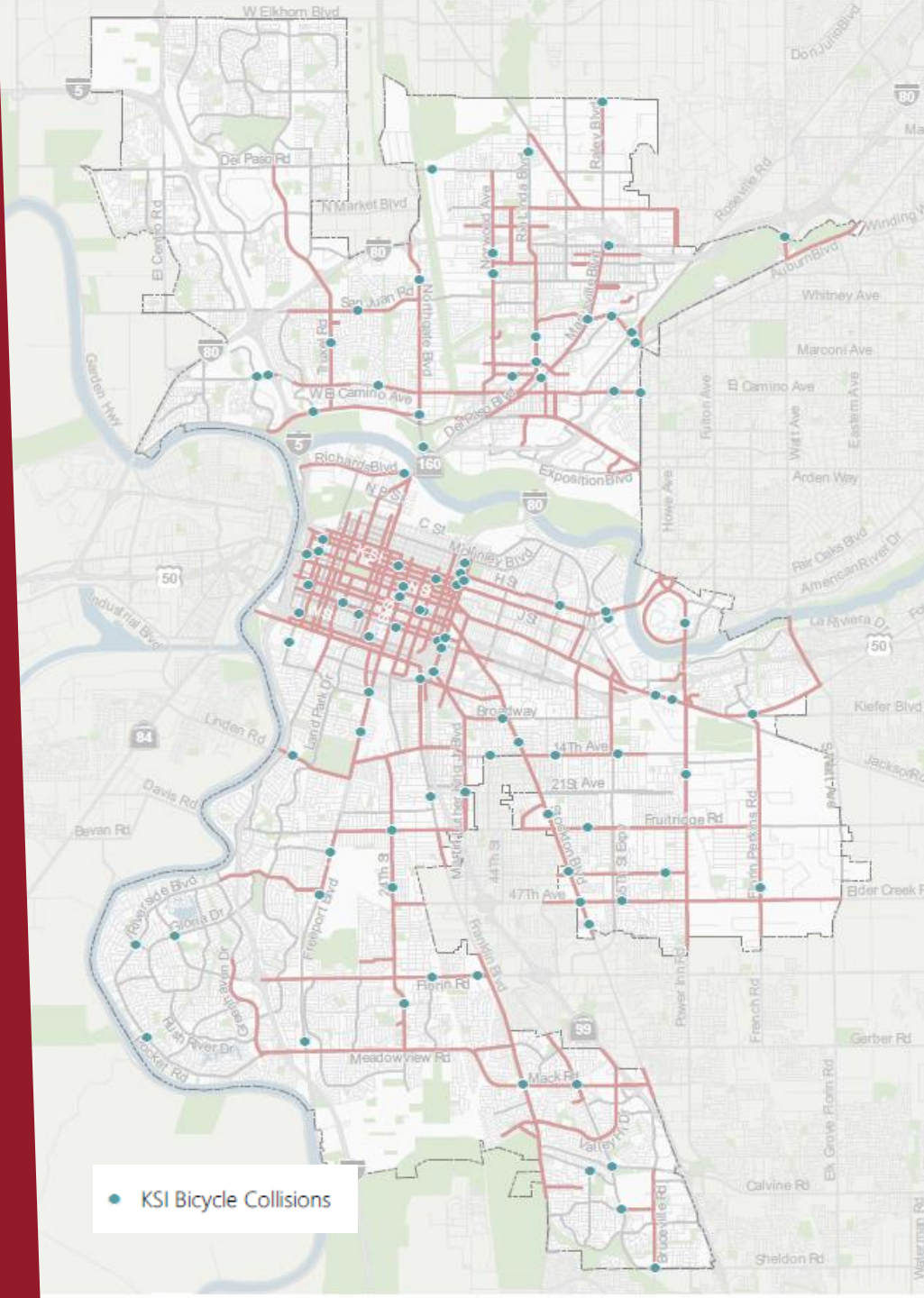




# **PROFILE 4**

bike collisions on 30+ mph streets

# PROFILE 4

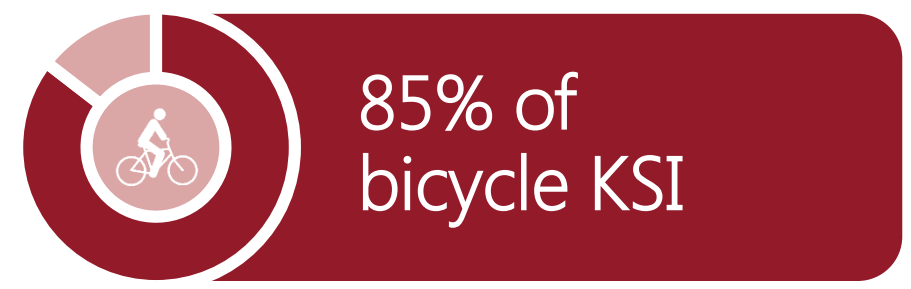


## COLLISION STATS DEFINITION

bicycle collisions

on streets with posted speed 30+ mph

100 KSI collisions | 14% of KSI collisions



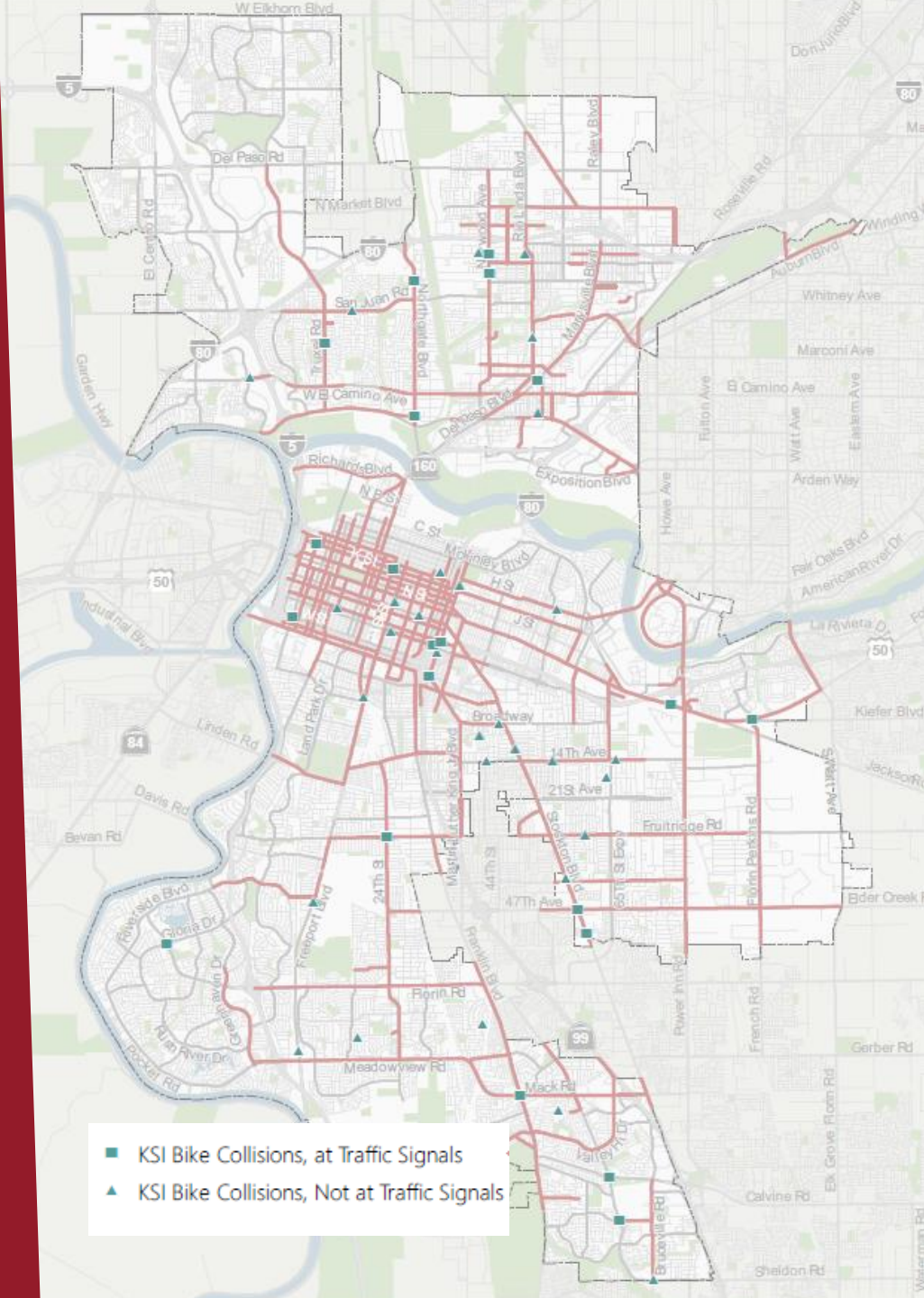


# **PROFILE 5**

broadside bike collisions



# PROFILE 5

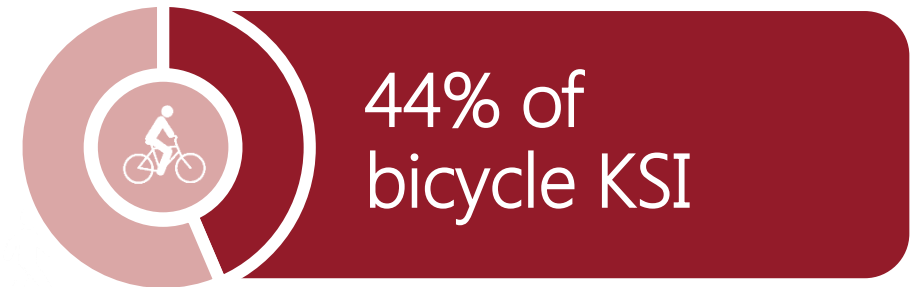


## COLLISION STATS DEFINITION

bicycle collisions

collision type = broadside

51 KSI collisions | 7% of KSI collisions



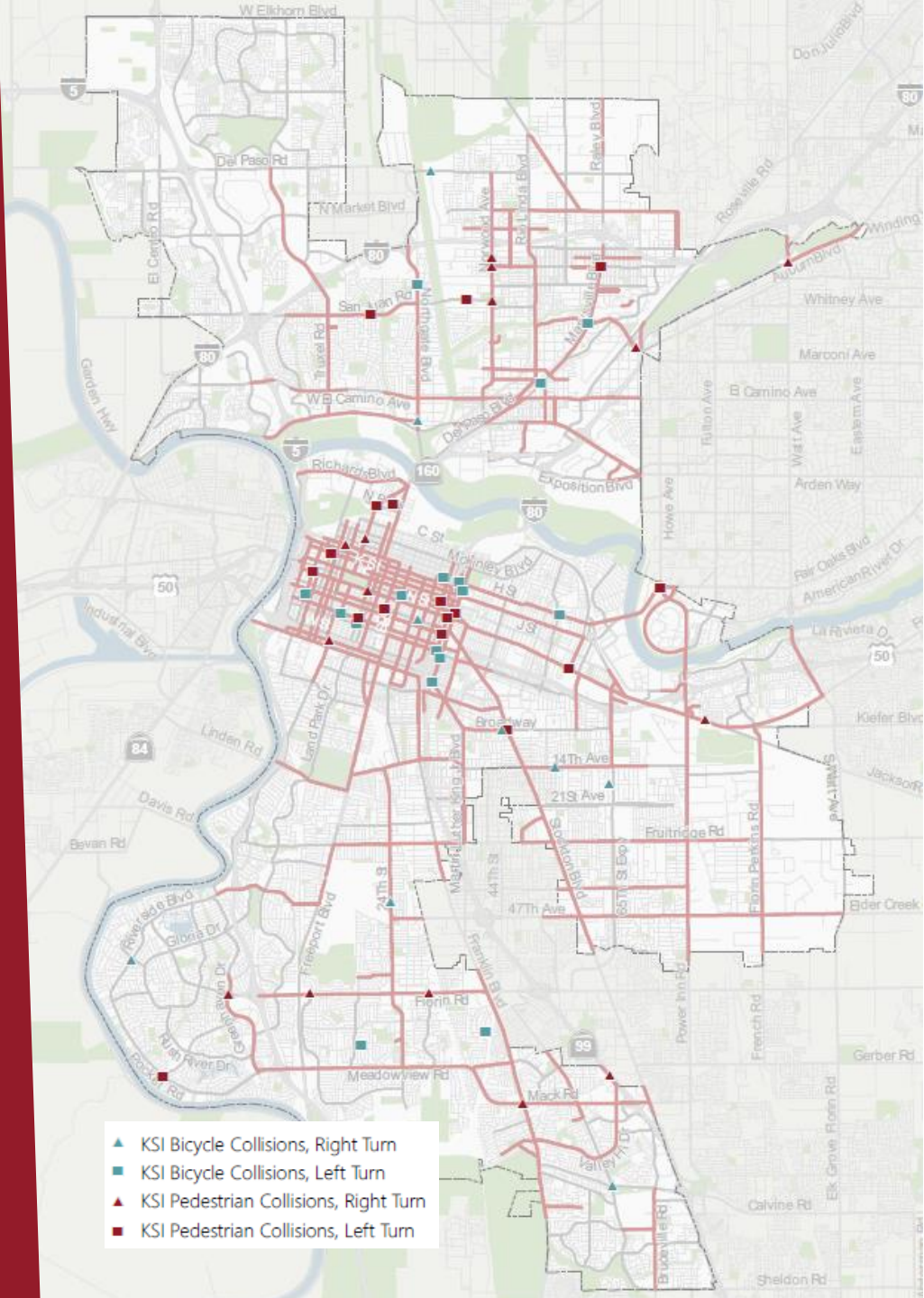


# PROFILE 6

driver turning (bike/ped collisions)



# PROFILE 6



## COLLISION STATS DEFINITION

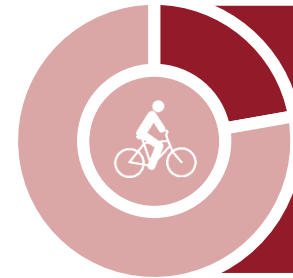
pedestrian or bicycle collisions  
driver making left or right turn

58 KSI collisions | 8% of KSI collisions

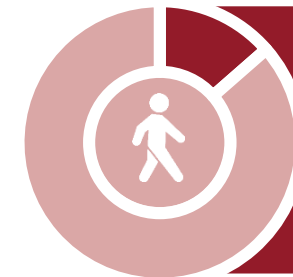


33 left turn

25 right turn



26 KSI collisions  
22% of bicycle KSI



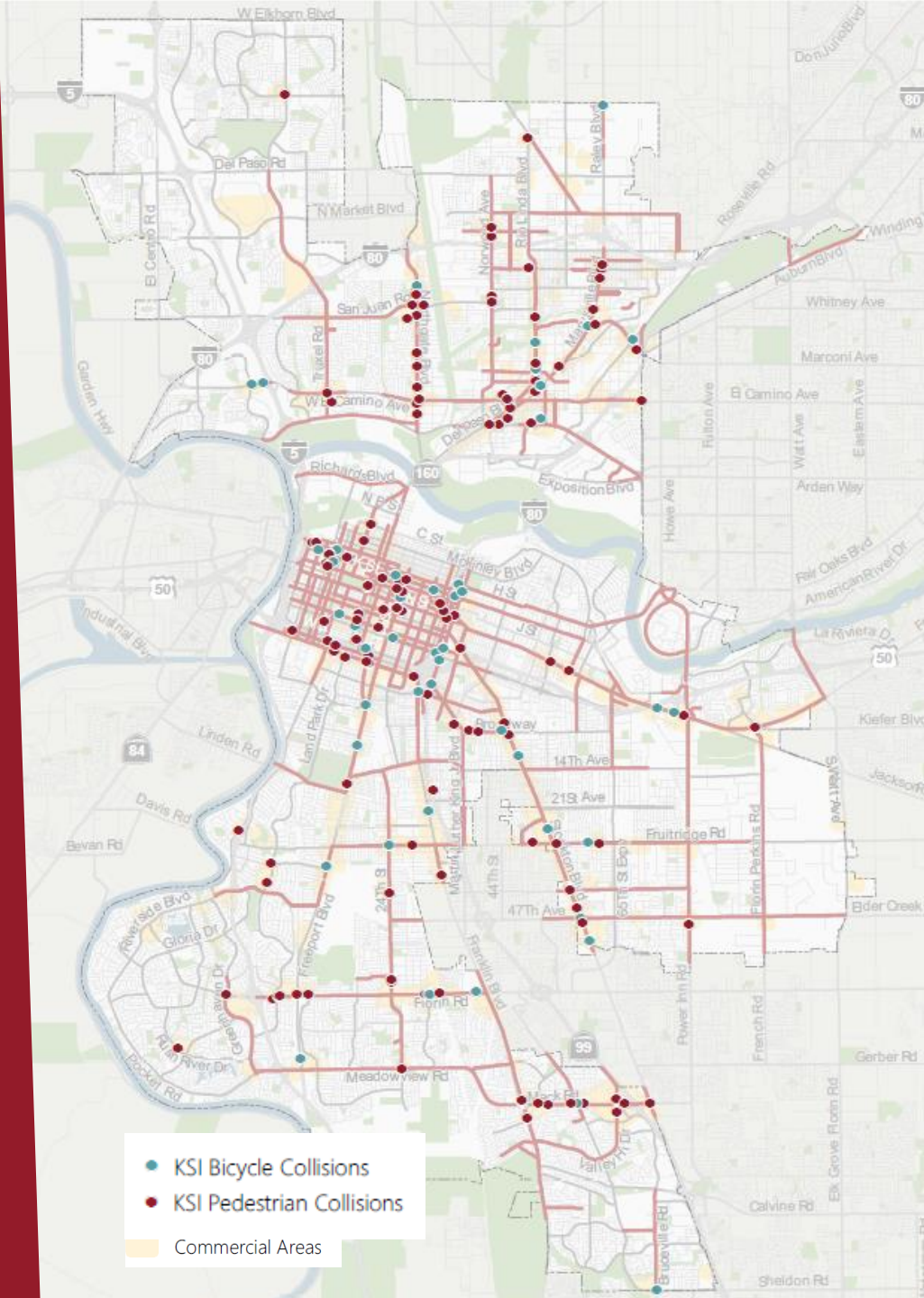
32 KSI collisions  
14% of pedestrian KSI



# **PROFILE 7**

collisions in commercial areas

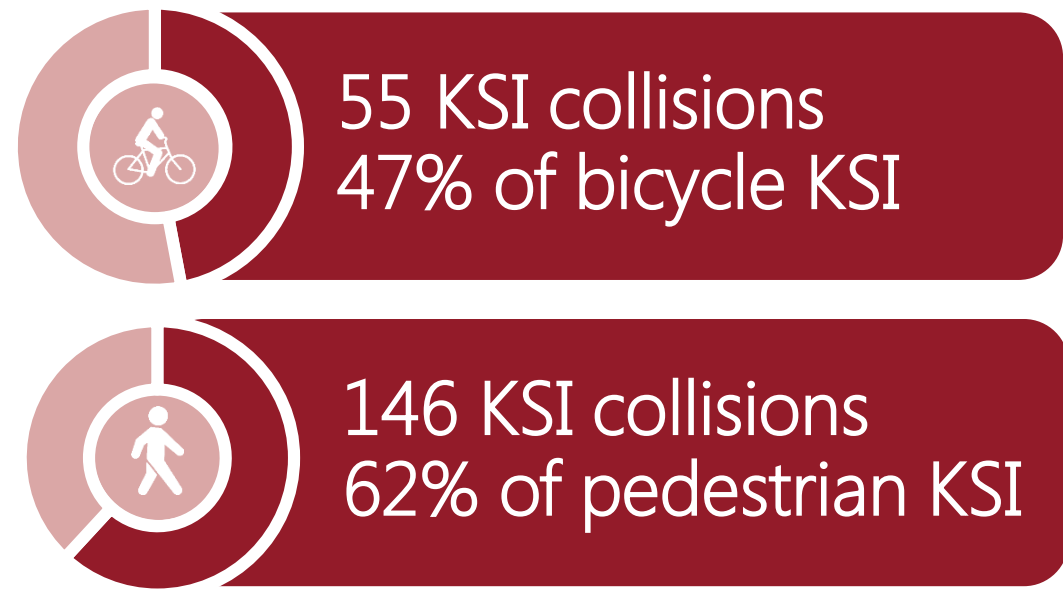
# PROFILE 7



## COLLISION STATS DEFINITION

pedestrian or bicycle collisions  
within 500 feet of retail or recreation commercial land use

200 KSI collisions | 27% of KSI collisions



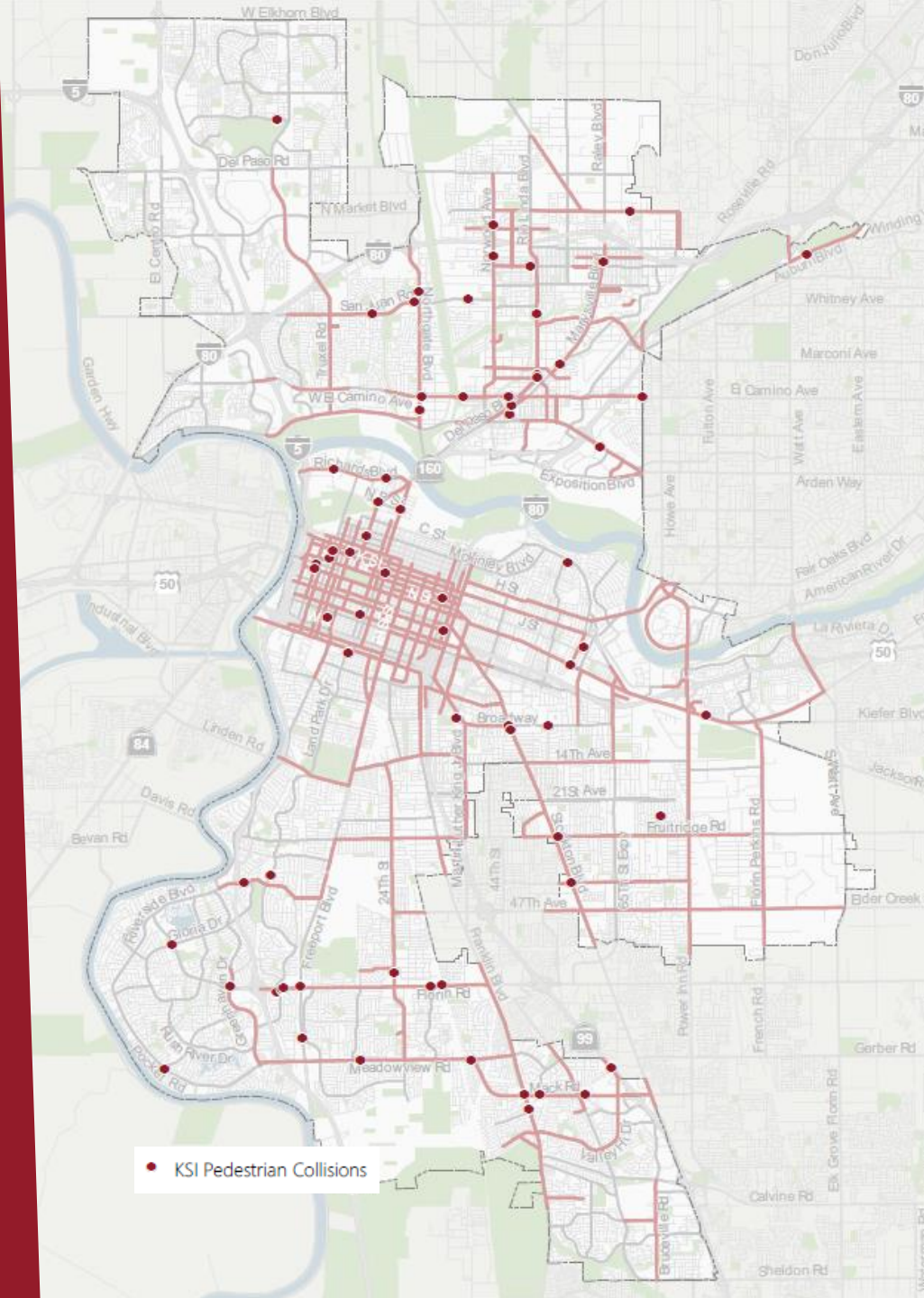


# PROFILE 8

60+ year old pedestrians



# PROFILE 8



## COLLISION STATS DEFINITION

pedestrian collisions  
victim is 60+ years old

70 KSI collisions | 9% of KSI collisions

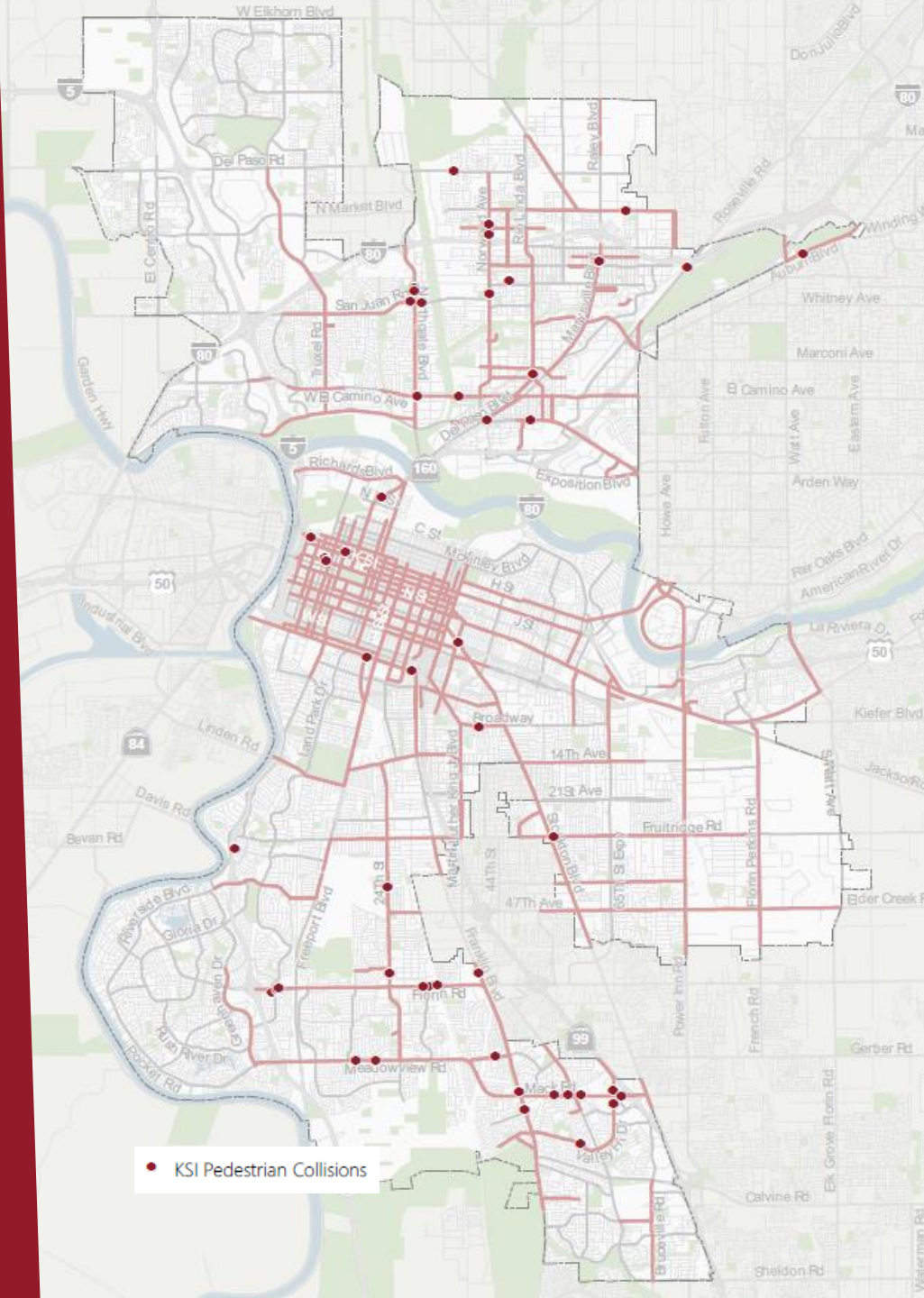




# **PROFILE 9**

pedestrian crossing outside of an  
intersection and crosswalk

# PROFILE 9



## COLLISION STATS DEFINITION

- pedestrian collisions
  - pedestrian crossing not in crosswalk
  - more than 100 feet from intersection
- 53 KSI collisions | 7% of KSI collisions



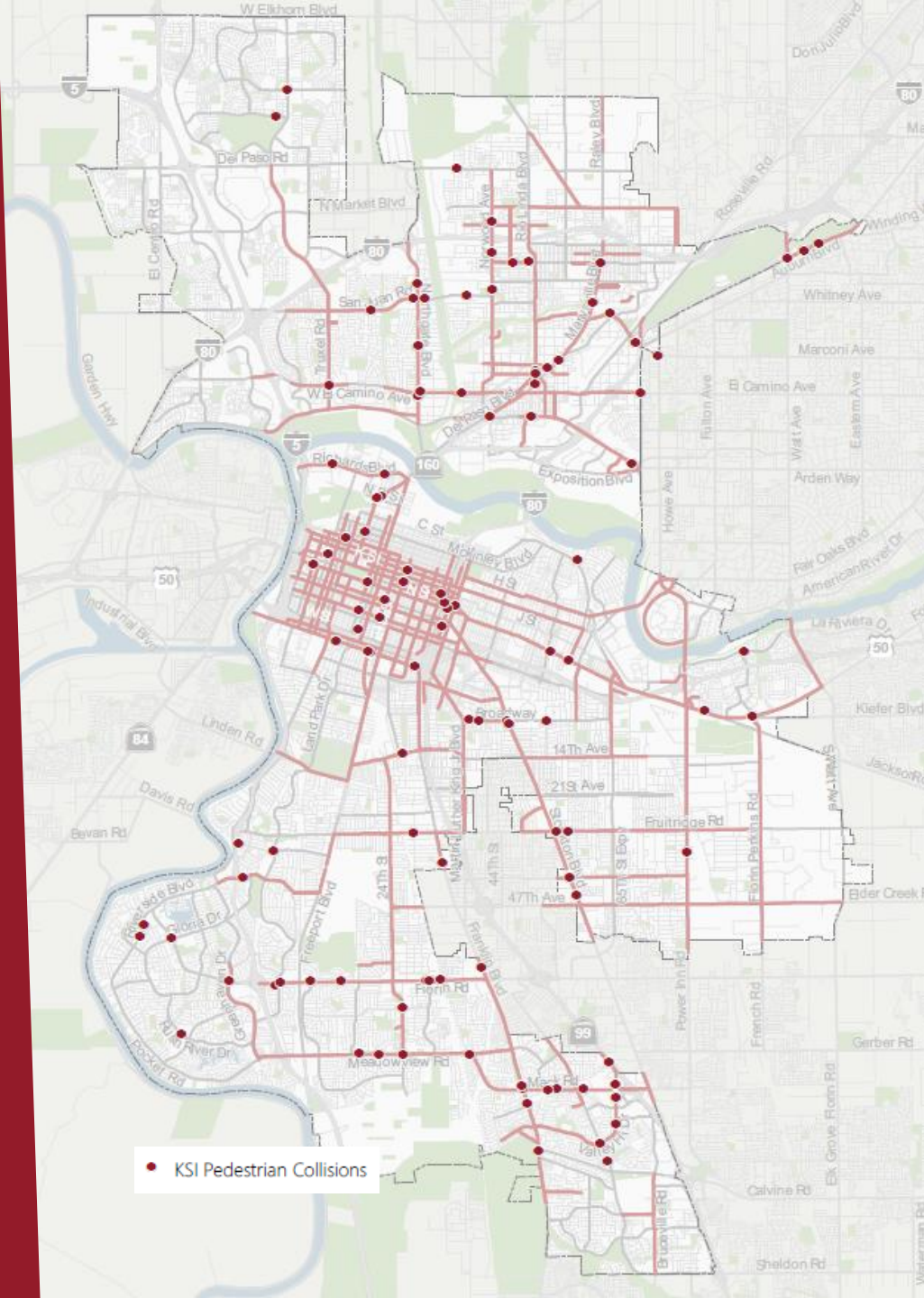




# **PROFILE 10**

pedestrian collisions near transit  
stops

# PROFILE 10



## COLLISION STATS DEFINITION

pedestrian collisions

within 200 feet of light rail station or bus stop

128 KSI collisions | 17% of KSI collisions



54% of  
pedestrian KSI

# COUNTERMEASURES



# PEDESTRIAN COUNTERMEASURES



Source: Leo Suarez, youtube.com



# PEDESTRIAN COUNTERMEASURES



Source: Fehr & Peers



# PEDESTRIAN COUNTERMEASURES



Source: NACTO



# BICYCLE COUNTERMEASURES



Source: Fehr & Peers



# BICYCLE COUNTERMEASURES



Source: NACTO



# BICYCLE COUNTERMEASURES



Source: Google Maps



# TRAFFIC CALMING



Source: Seattle Department of Transportation



# TRAFFIC CALMING



Source: Fehr & Peers

**COLLISION PROFILE SUMMARY**

**VISION**  
**ZERO**   
**SACRAMENTO**  
**ZERO TRAFFIC DEATHS**

