



Santa Ana Downtown Transit Zone Complete Streets Plan



Project Introduction

- Complete Streets Team:



- Funded by Southern California Association of Governments (SCAG) Sustainable Communities Strategy
- Project Length: One year (May 2014 – May 2015)

Project Introduction

What is Complete Streets

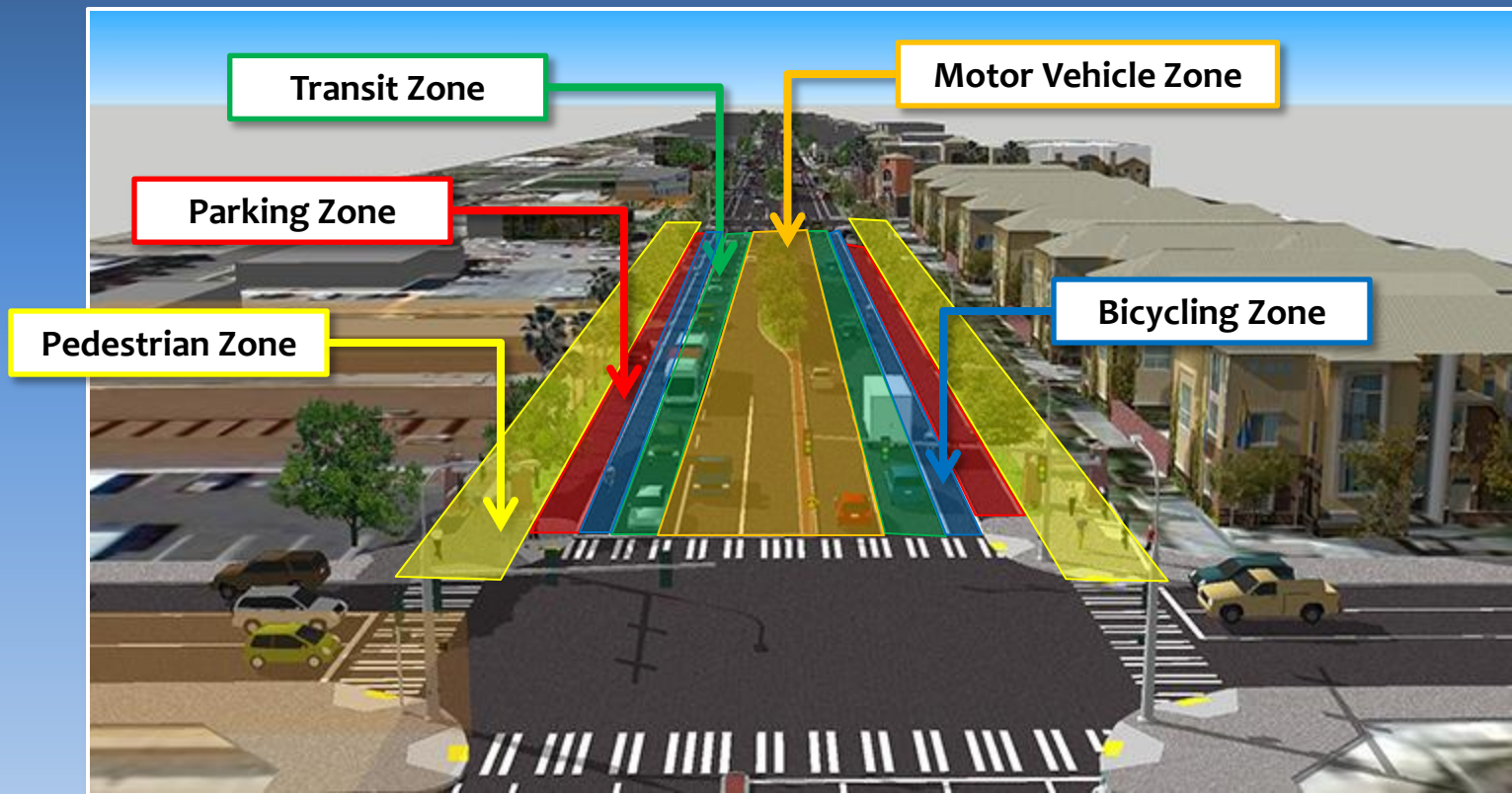
- Aims to develop integrated, connected networks of streets that are safe and accessible for all people, regardless of age, ability, income, ethnicity, or chosen mode of travel.



Project Introduction

What is Complete Streets

- Provides safe travel for people using any legal mode of travel, including bicycling, walking, riding transit, and driving.



Project Introduction

What is Complete Streets

- Changing transportation planning, design, maintenance, and funding decisions



Project Introduction

What to Consider in a Complete Street

- Safety
- Accessibility
- Mobility
- Land Use
- Community Needs
- Policies



Project Purpose

- Create a set of projects for further design development and identify opportunities for grant funding
- Improve access and mobility modes for walking, bicycling, transit and motor vehicles



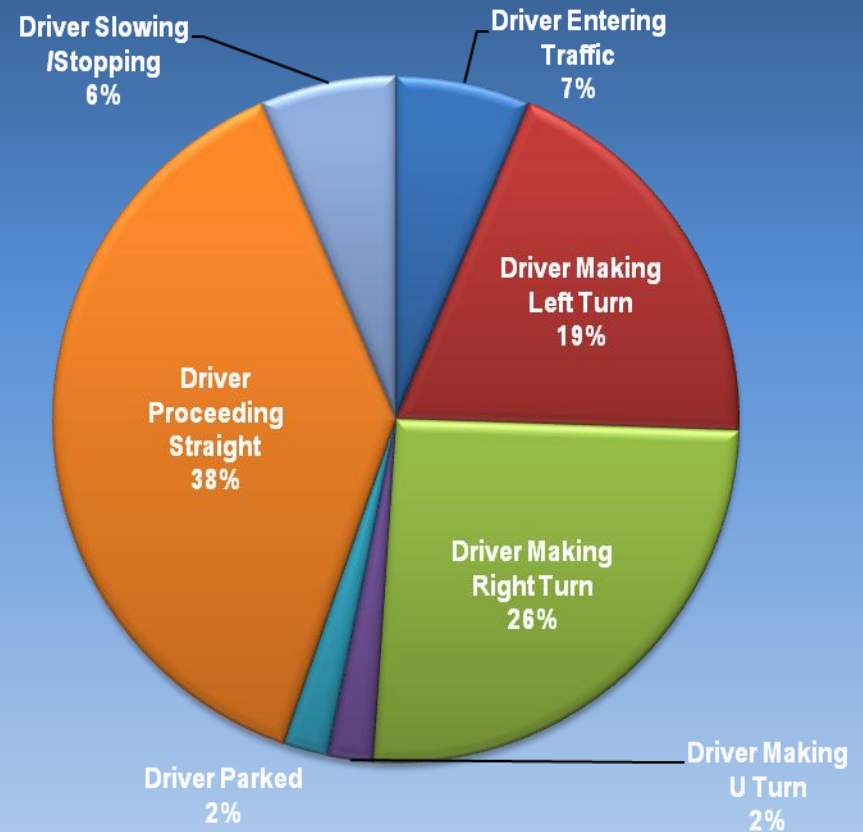
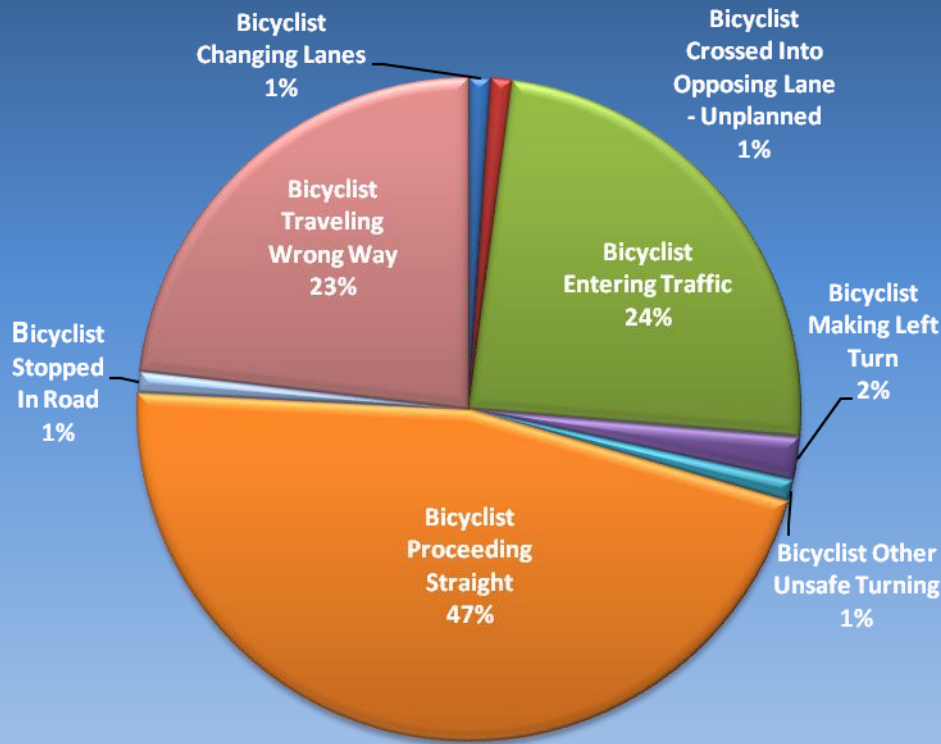
Study Area

- ¾ Square Miles
- No existing bicycle facilities



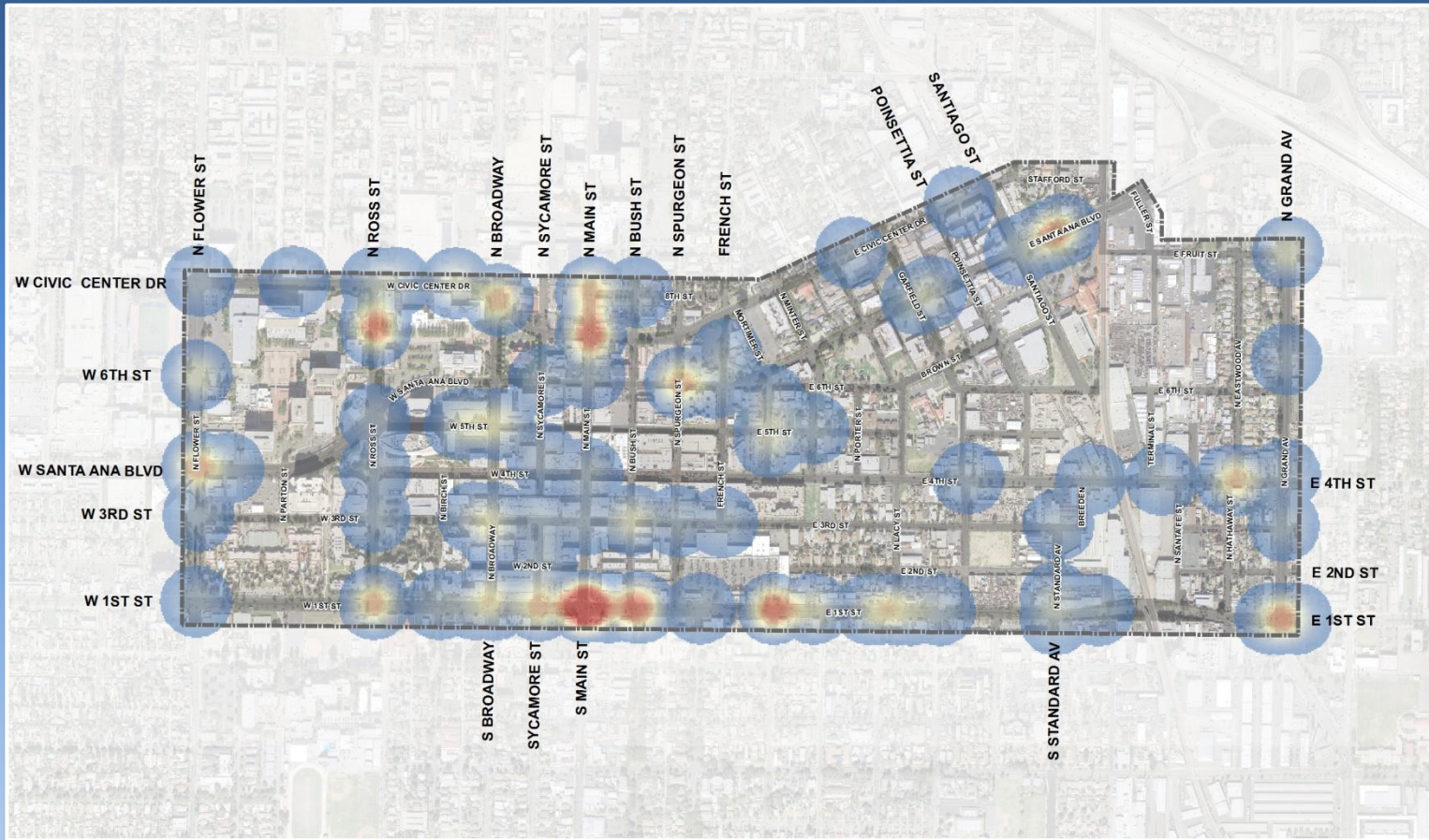
Collision Analysis : Bicyclists

- 2004-2013 (10 Years)
- 144 Total Collisions (Bike vs Vehicle), 2 Fatailities



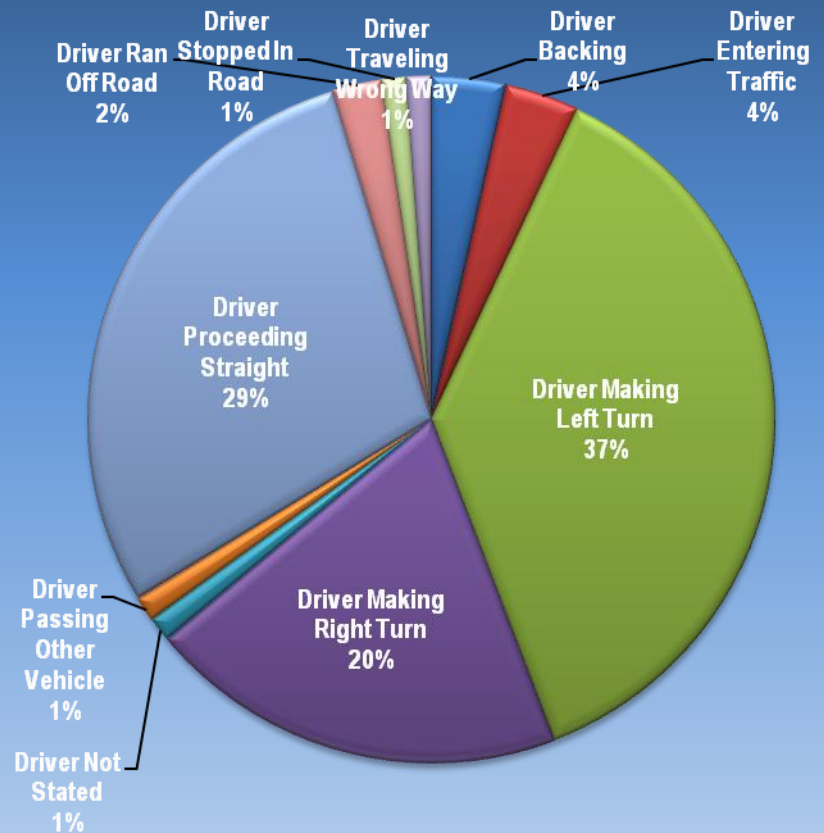
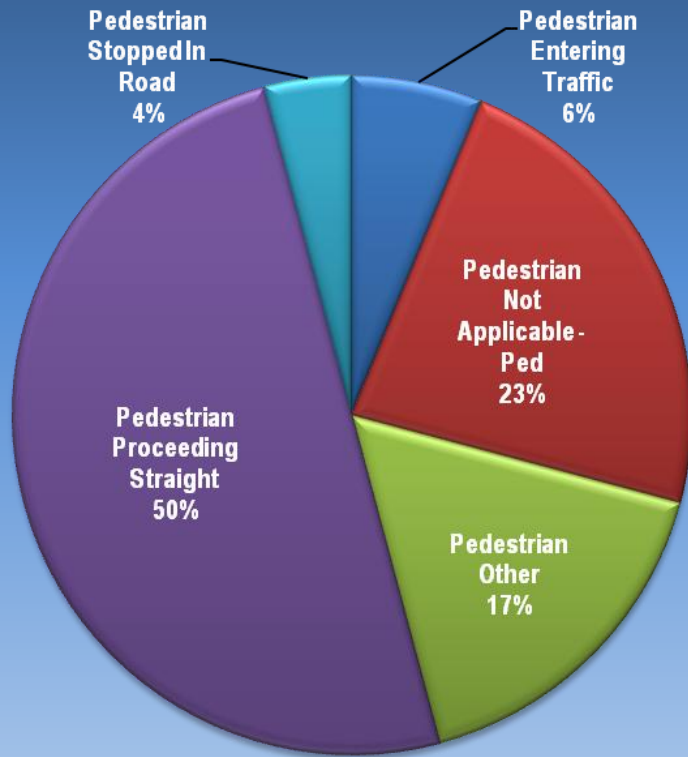
Collision Analysis : Bicyclists

- First Street, Main Street, Civic Center Drive



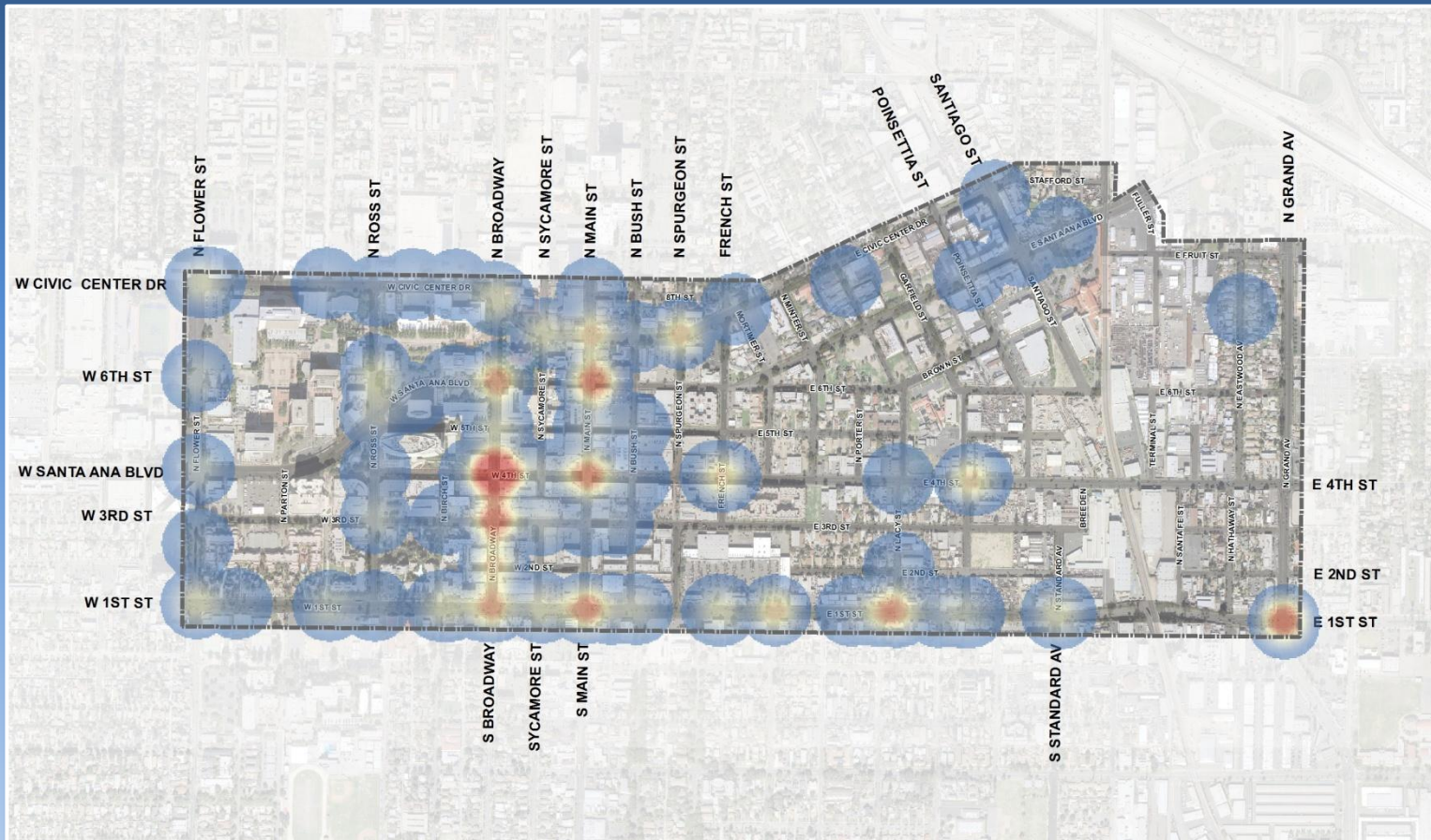
Collision Analysis: Pedestrians

- 156 Total Collisions (Ped vs Vehicle), 1 Fatality
- 3 Ped-Bike, 0 Fatalities



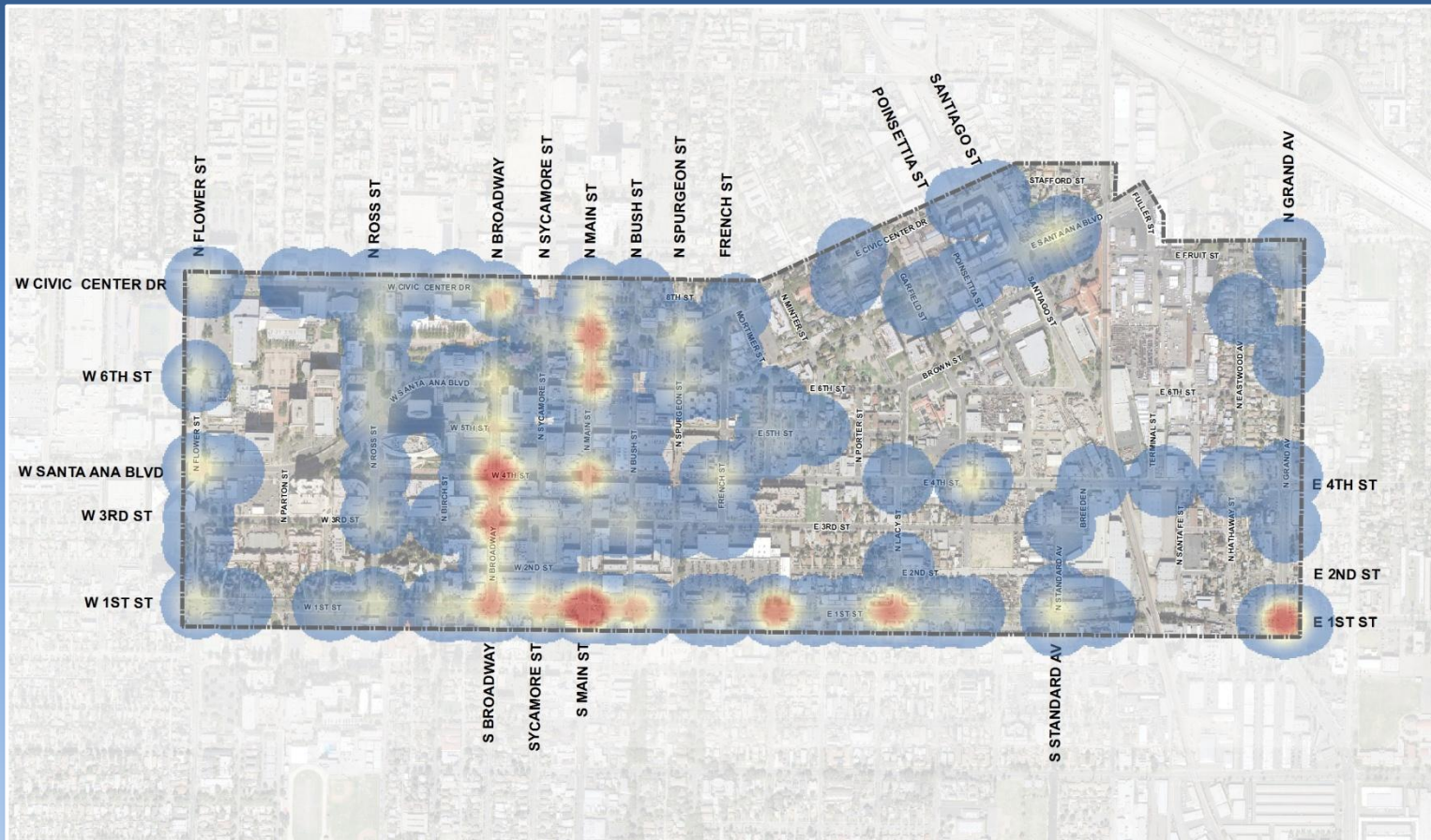
Collision Analysis: Pedestrians

- Broadway, First Street, 4th Street, Main Street



Collision Analysis: Composite

- Bicycle and Pedestrian Related Collisions



Project Objectives

Constraints to mobility

- Identify features in the study area that makes it unsafe or uncomfortable for all users
- Identify barriers that are:
 - Challenging to walk or bicycle on
 - Difficult to cross
 - Have high speed traffic
- Identify primary routes to school

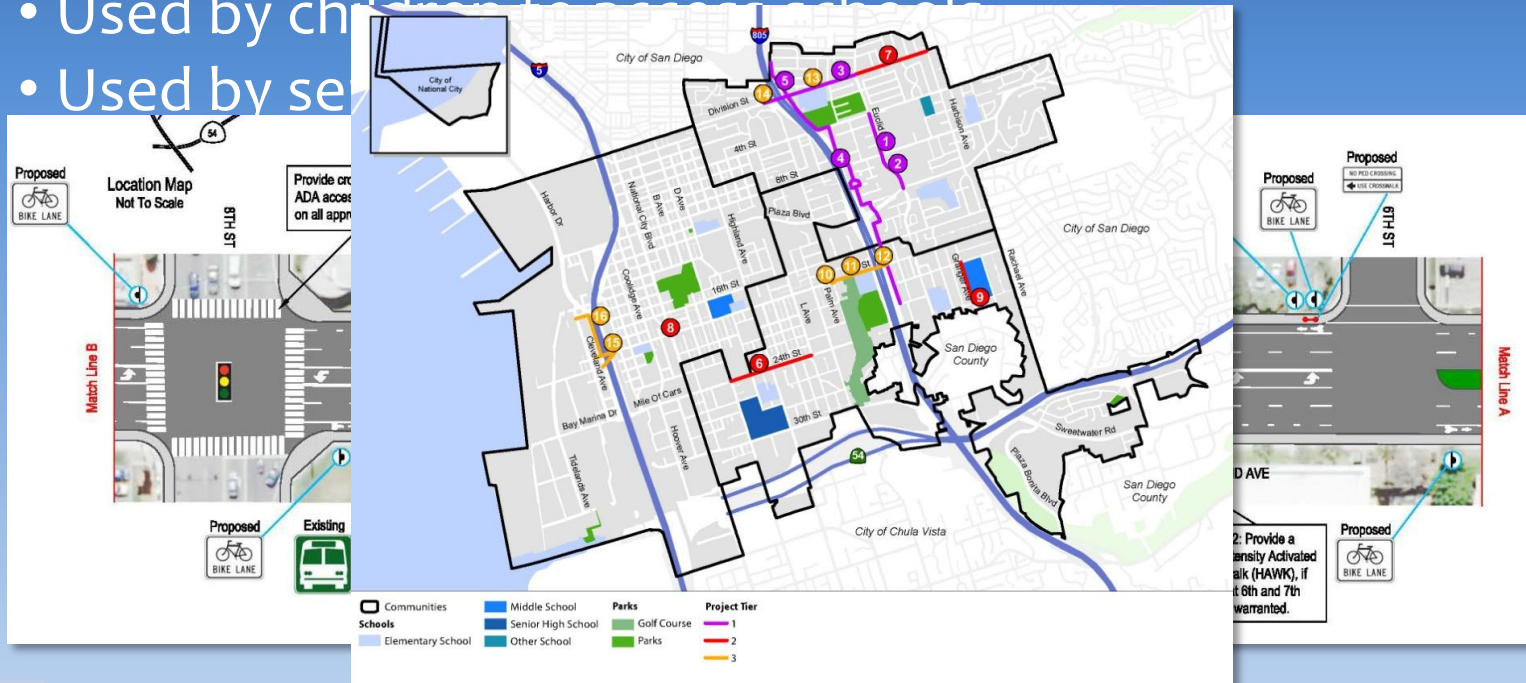


Project Objectives

Project Development

Recommendations may include:

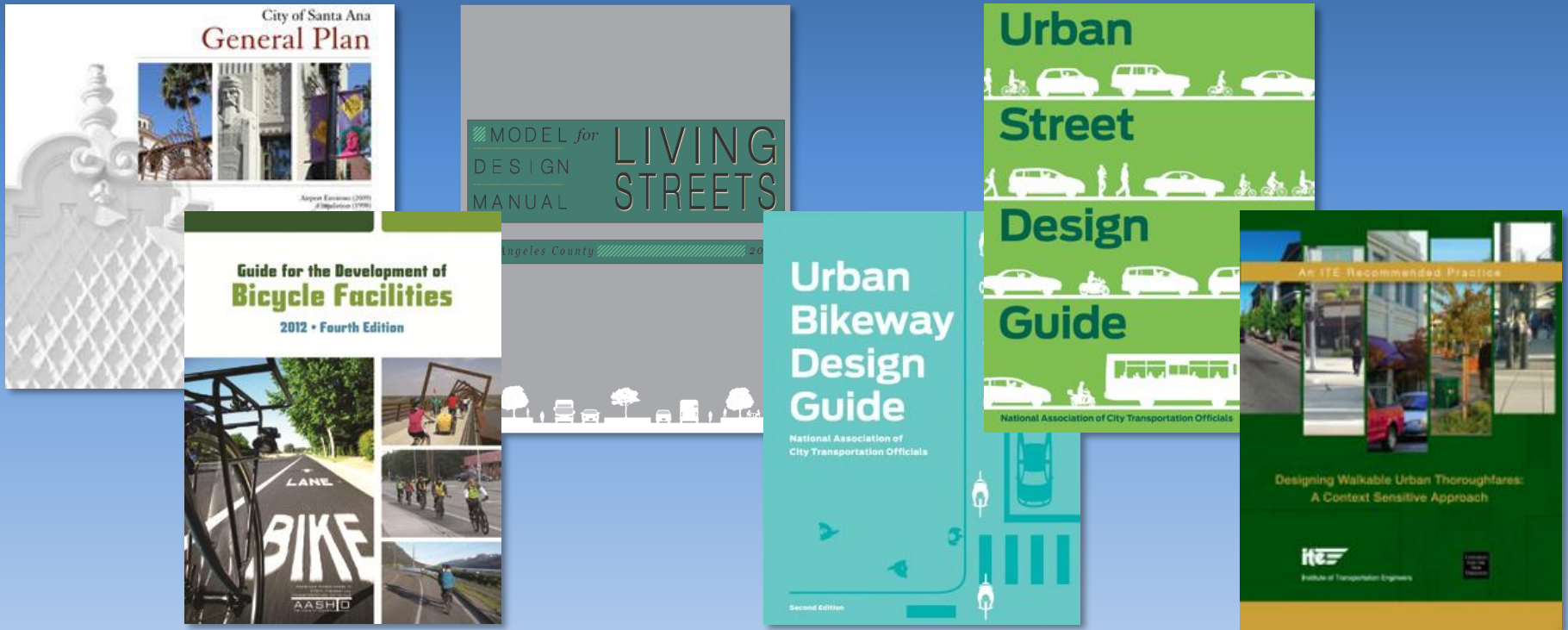
- Infrastructure & aesthetic treatments to improve walking
- Bicycle facilities and treatments
- Identify short & long-term projects for implementation
- Special attention will be given to streets that are:
 - Used by children
 - Used by seniors



Project Objectives

Project Development

- Review existing street guidelines
- Innovative national & state standards (*ITE, NACTO, AASHTO, Model Design Manual for Living Streets*)



Project Objectives

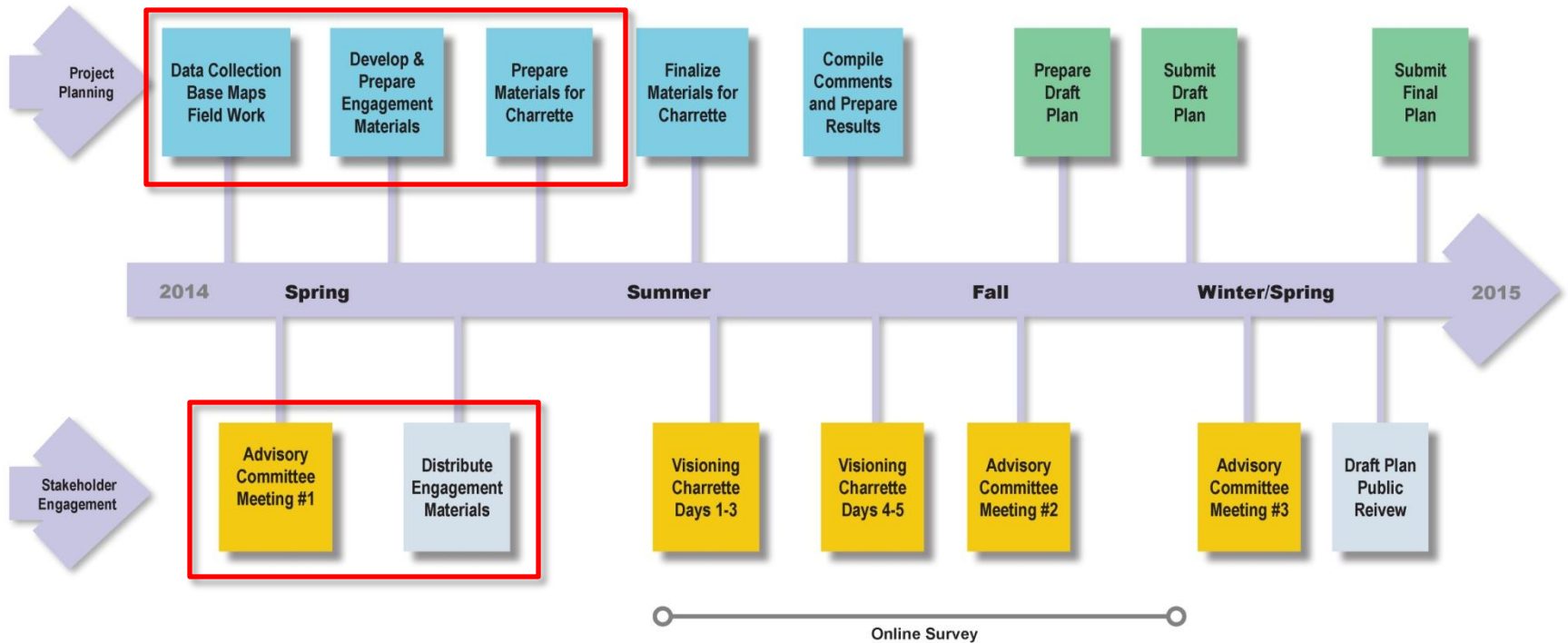
Civic Engagement

- Engage residents in the planning process
- Community Advisory Committee Meetings (3)
- Online survey
- Community Design Charrette **Sept 25-27 (3 Days)**
 - Walk Audit
 - Bike Tour

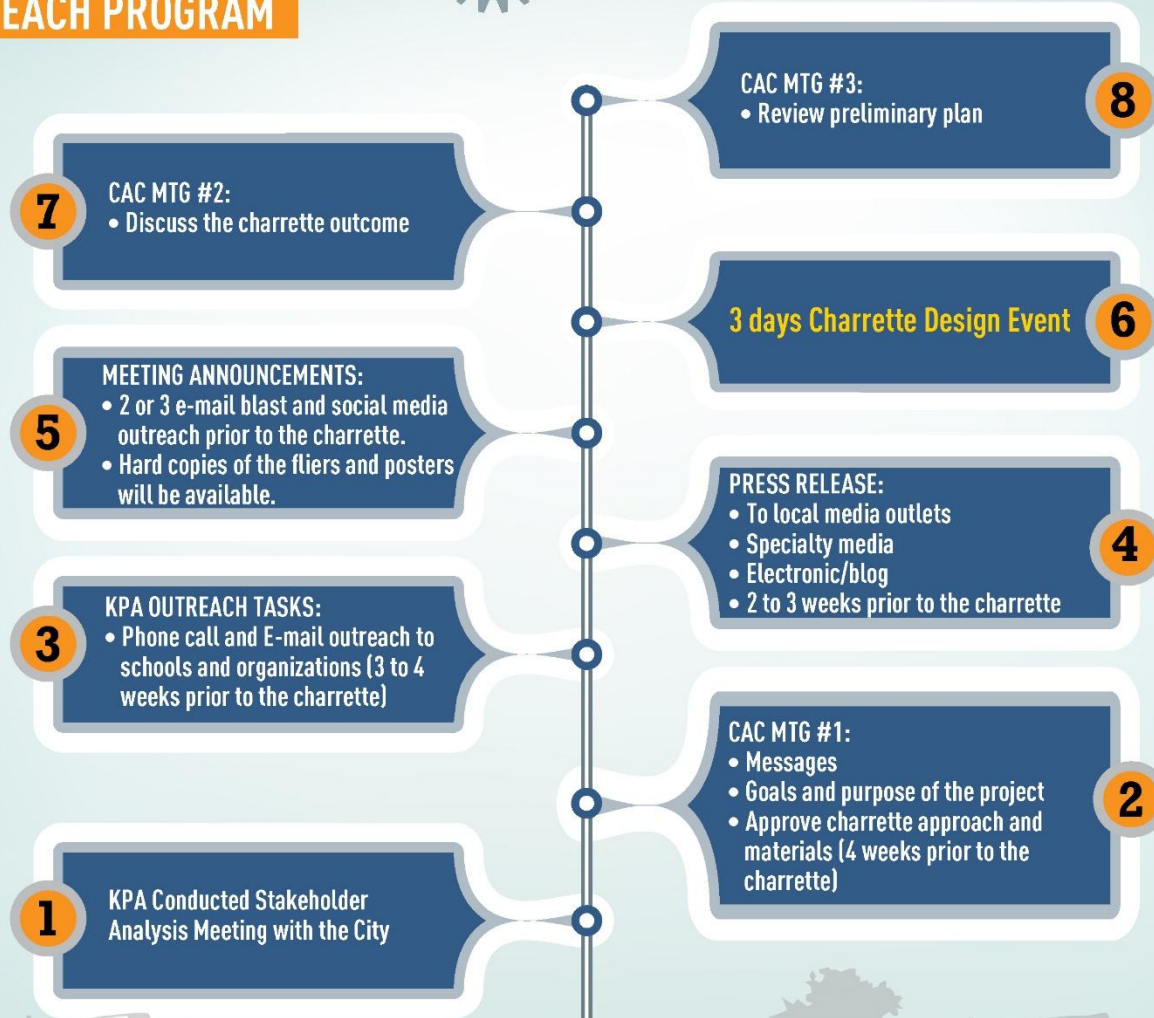


Project Work Flow

Santa Ana Downtown Transit Zone Complete Streets Plan Project Planning Process











KPA OUTREACH PROGRAM



Community Advisory Committee

Roles & Responsibilities

DRAFT DECISION MATRIX (Subject to Change) 8/22/2014

SANTA ANA DOWNTOWN / TRANSIT ZONE COMPLETE STREETS PLAN		INFORM	CONSULT	INVOLVE	COLLABORATE	EMPOWER	GROUP LEGEND
		Sharing information about the project.	Getting feedback to help inform the project.	Solicit input on specific aspects of the project.	Help define problems and identify solutions.	Final decision making	
LIKELY FORM OF INPUT:		PRESENTATIONS / HANDOUTS / BRIEFINGS	SURVEYS / ONLINE INPUT / SOCIAL MEDIA	WORKSHOPS / WALK AUDITS / INTERVIEWS	WORKSHOPS / WORKING GROUP MEETINGS	HEARINGS / PRESENTATIONS / COUNCIL	
DECISIONS		ROLES					
1. Learn about what mobility options & facilities can do for downtown Santa Ana & the broader community	Phase: Data Collection and Public Outreach	◆ +					KEY PLAYERS  Consultants  Staff  Advisory Group  Advocacy Groups  Neighbors / Property Owners  General Public or Community Groups  Businesses & Tenant Interests  Elected or Appointed Officials
2. Explain the scope of the project, the study area and items that will be considered		◆ +					
3. Identify opportunities, issues & concerns of neighbors & businesses in the study area				+ ◆	+ ◆	●	
4. Identify opportunities, issues & concerns of the broader community				◆ +	+ ◆	●	
5. Provide supporting data & samples behind safety issues, economic value, traffic conditions, etc.		◆ +					
6. Identify problem areas for pedestrians, bikes, transit access, traffic calming & congestion	Phase: Visioning Charrette and Project Development	■		◆ +	■ ◆ ●		
7. Develop a range of alternative bike routes to be considered		■		◆ +	■ ◆ ●		
8. Develop a range of pedestrian zones, districts & mid-block crossing solutions		■		◆ +	■ ◆ ●		
9. Develop a range of alternative safety & access countermeasures to resolve issues		■	◆ +		■ ◆		
10. Identify & rank the pros and cons of each alternative route, facility & countermeasure		■		◆ +	■ ◆ ●		
11. Select the projects (given public priorities) to move into the project refinement phase	Phase: Draft and Final Plan		◆ +		★		
12. Present draft recommendations and plan and ask for input on suggested changes		◆ +	◆ +	■ ◆ ●	★		
13. Determine implementation / phasing priorities				◆ +	■ ◆ ●		
14. Approve the final report					◆		



Vision and Goals

General Plan Circulation Element Goals

Goal 1 Provide and maintain a comprehensive circulation system that facilitates the efficient movement of people and goods throughout the City, and enhances its economic viability

Goal 2 Provide design and construction that facilitate safe utilization of the City's transportation systems.

Goal 3 Provide a full spectrum of travel alternatives for the community's residents, employees, and visitors.

Goal 4 Fully coordinate transportation and land use planning activities.

Vision and Goals

General Plan Circulation Element Goals

Goal 5 Create attractive circulation corridors to enhance the City's image.

Goal 6 Protect local streets from through traffic to preserve neighborhood character.

Vision and Goals

General Plan Urban Design Goals

Goal 1 Improve the physical appearance of the City through development of districts that project a sense of place, positive community image, and quality environment.

Goal 2 Improve the physical appearance of districts through development that is proportional and aesthetically related to its district setting.

Goal 3 Create and maintain a pleasant travel experience and strong orientation to the community through coordinated on-site and streetscape design.

Vision and Goals

General Plan Urban Design Goals

Goal 4 Create nodes and urban spaces throughout the City to foster entertainment, cultural and business activities, and establish Santa Ana as a vibrant center.

Goal 5 Create focal points at major intersections to enhance community identity and mitigate large expanses of asphalt.

Vision and Goals

Goal Development Guidance

1. Specifies all users

- Must apply to everyone traveling along the road

2. View all transportation improvements are opportunities to create safer, more accessible streets

3. Creation of a complete network for all modes of travel

4. Coordination with other agencies

5. Solutions must be sensitive to the community context

Source: National Complete Streets Coalition



Next Steps

1. Vision and goal refinement
2. Develop and distribute outreach materials
3. Continue outreach efforts
4. Develop materials and agenda for three-day charrette
5. Confirm routes for walk audit and bike tour

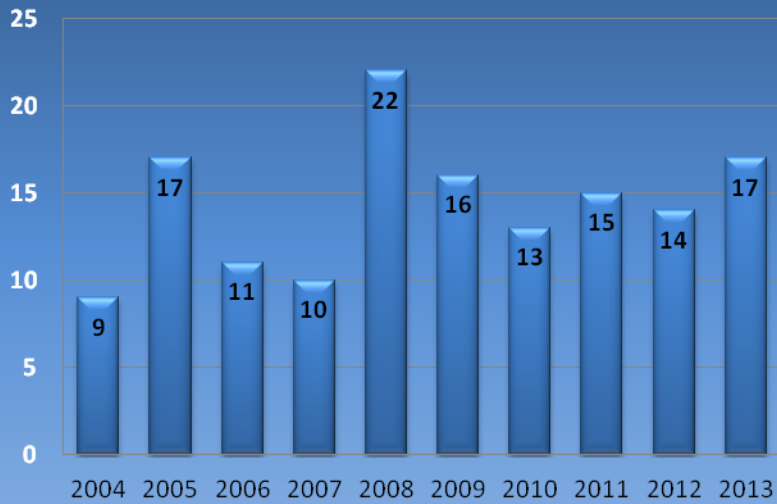


Santa Ana Downtown Complete Streets Plan | Community Advisory Committee #1 | August 28, 2014

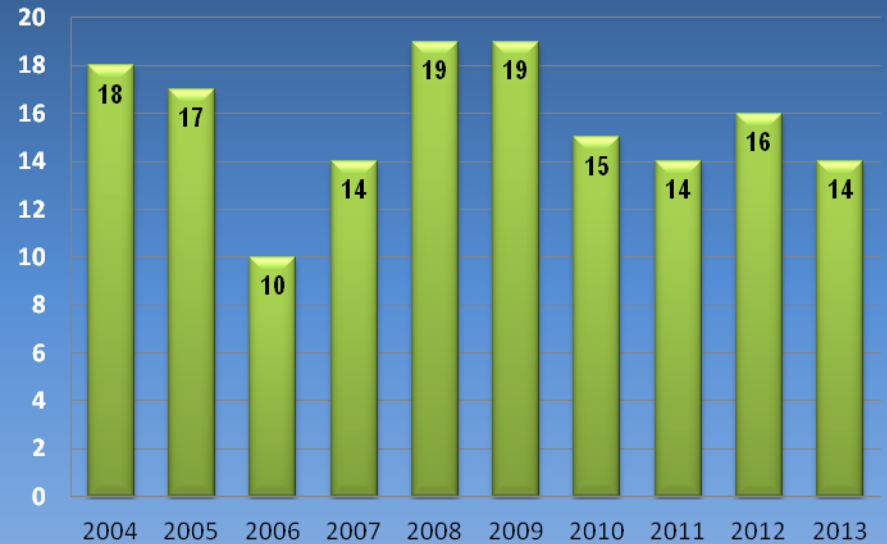


Collision Analysis:

- Yearly Trends



Bicycle-Related Collisions by Year



Pedestrian-Related Collisions per Year

Strava Data

- Recreational Data from Strava.
- Hike/Run/Bike data

