Sustainable Mobility Plan

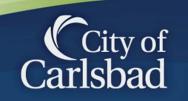
Stakeholder Working Group Meeting #1





What is the Sustainable Mobility Plan?

- Assesses existing network
- Develops preferred design guidelines
- Identifies investment priorities





Project Tasks

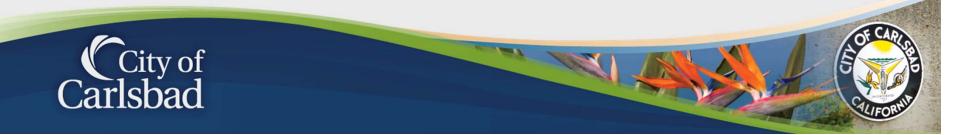
- Stakeholder Engagement
- Existing Conditions & Needs Analysis
- Locations for Improvements
- Design Guidelines for Access
- Programming Recommendations
- Prioritization of Investments





Purpose and Benefits

- Implement General Plan Mobility Element
- Increase convenience and choices for all



Stakeholder Engagement

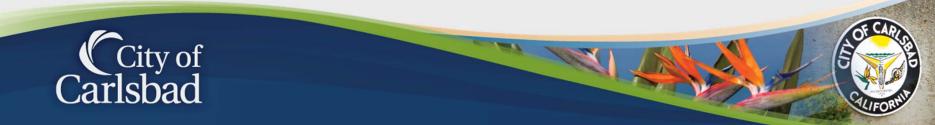
- Stakeholder Working Group
- Online Interface
- Targeted Communications
 - Schools, seniors, employers, etc.
- Travel Data Evaluations





Working Group Role

- Represent your unique perspective
- Provide insights into methodology of prioritizing projects
- Share information and updates



Planning Process and Schedule

- Summer '18:
 - Existing Conditions Assessment
 - Stakeholder Engagement Planning
- Fall '18:
 - Design Guidelines Development
 - Stakeholder Engagement Efforts
 - Project Identification
- Winter '18:
 - Project Prioritization
 - Plan Development and Adoption





Working Group Questions?





'8 to 80' Networks



State of the System

- Document and Policy Framework
- Mobility Network Connectivity
- Access Network Quality





Mobility Planning Context

2006 2019

City of Carlsbad General Plan Update

Mobility Element

Climate Action Plan

Implementation

Bicycle Master Plan Pedestrian Master Plan Livable Streets Assessment

ADA Transition Plan Carlsbad Active Transportation Strategy Coastal Mobility Readiness Plan Village and Barrio Master Plan

Draft
Trails Plan

Sustainable Mobility Plan







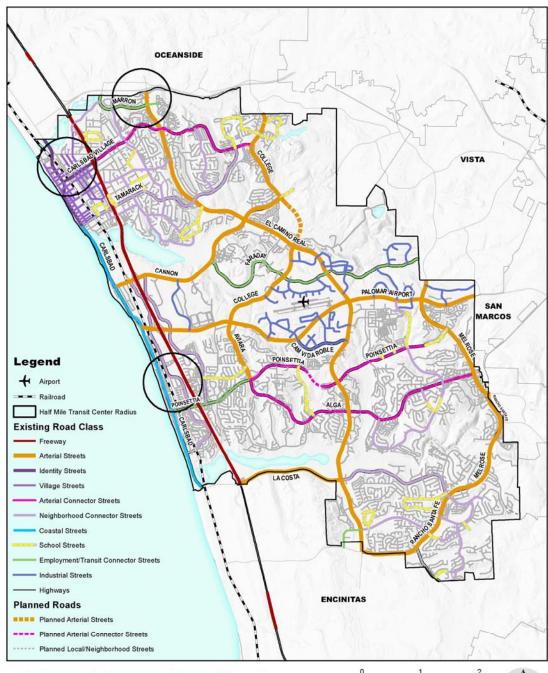






Planning Context Street Types

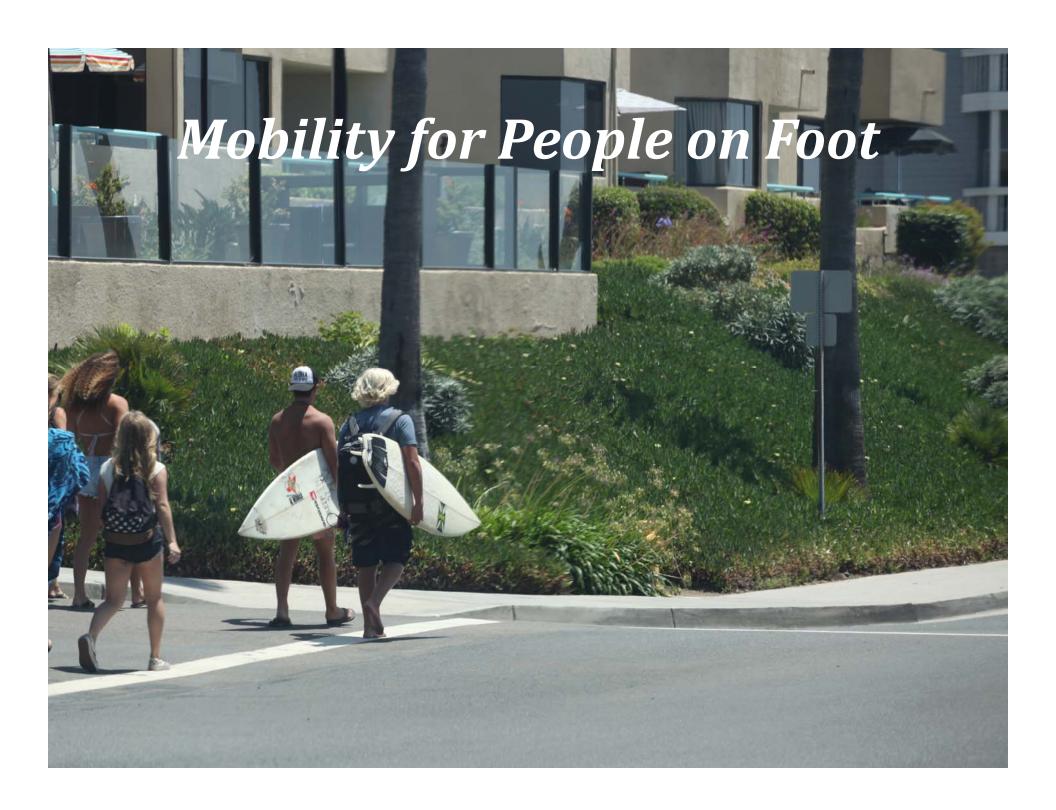




Adopted Street Classification



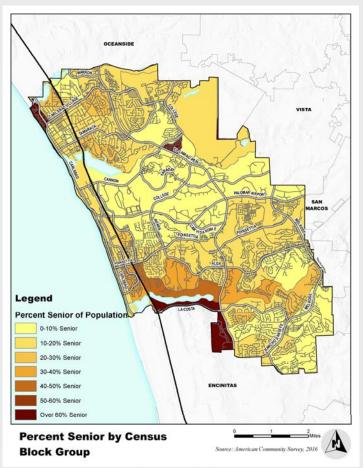
Source: City of Carlsbad Mobility Element

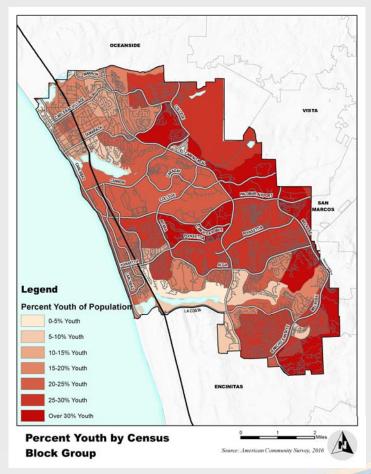






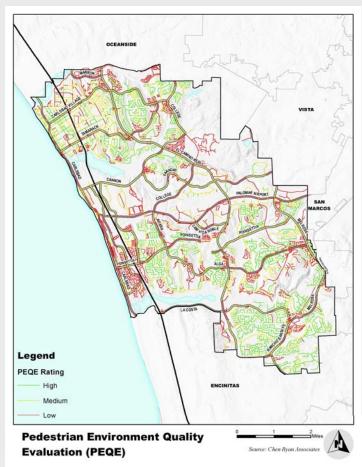
'8 to 80' Populations

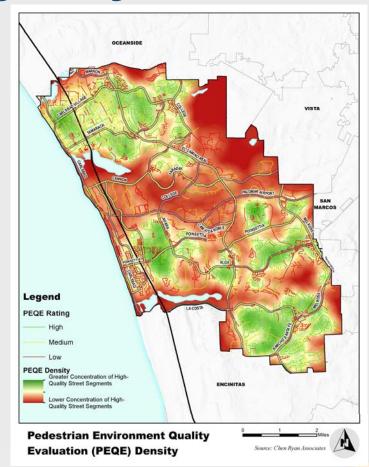






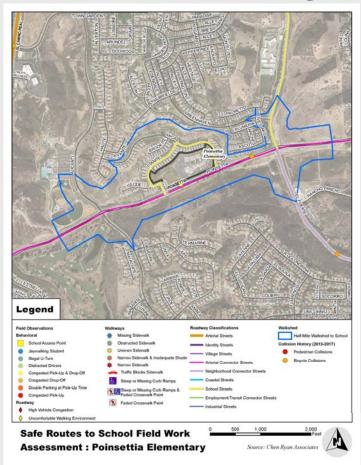
Network Quality Citywide

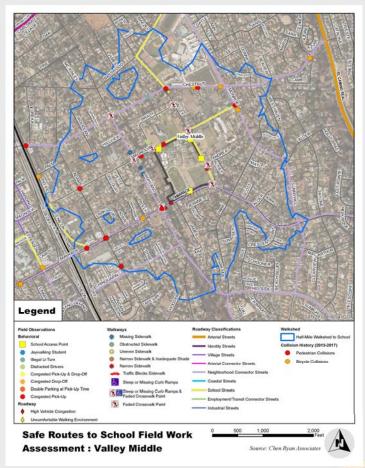






Access for People on Foot











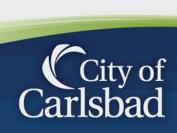






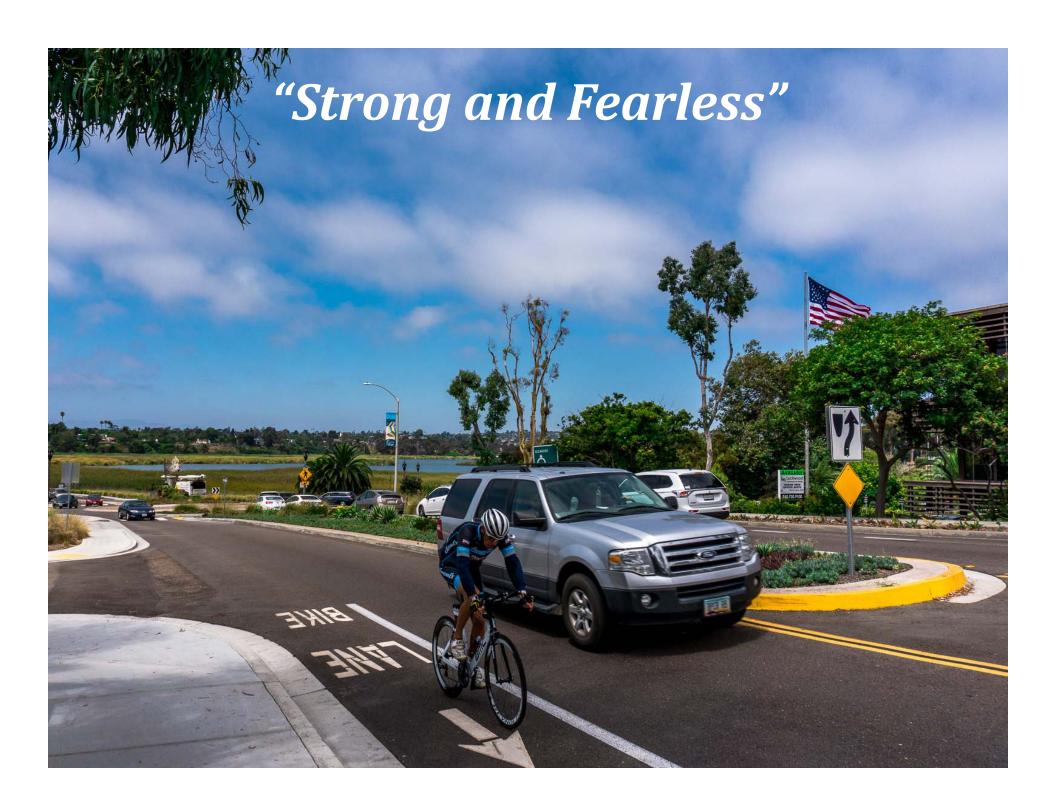


Mobility Network for People on Bikes

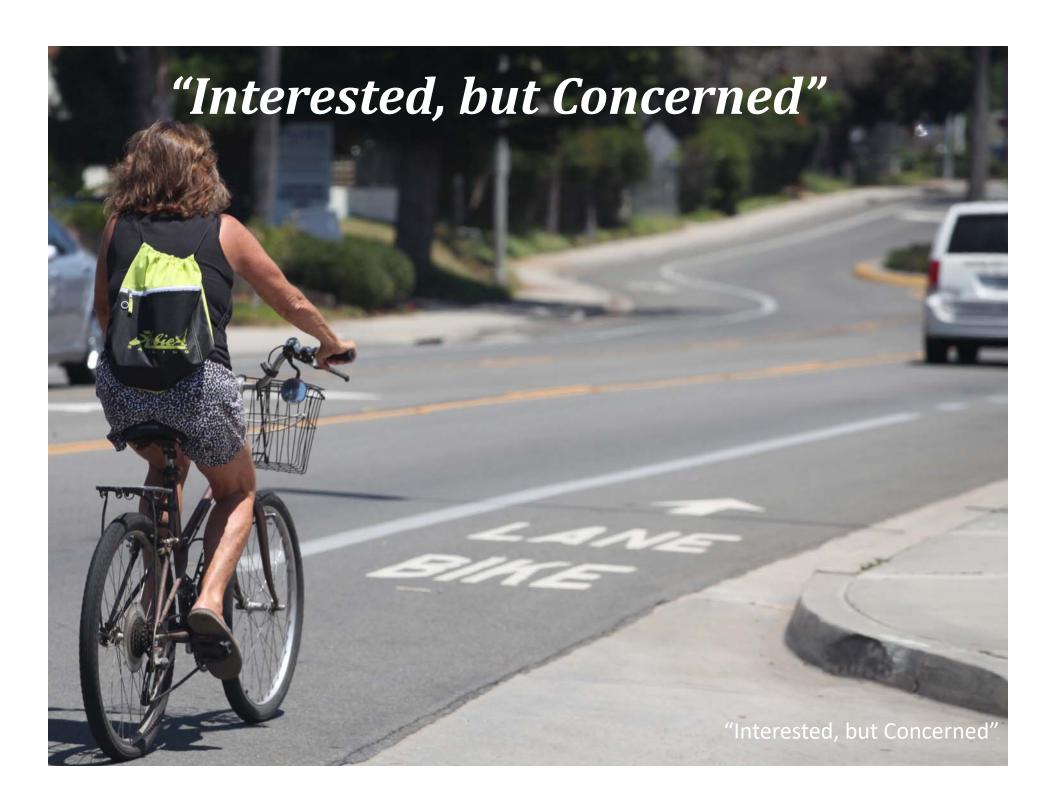


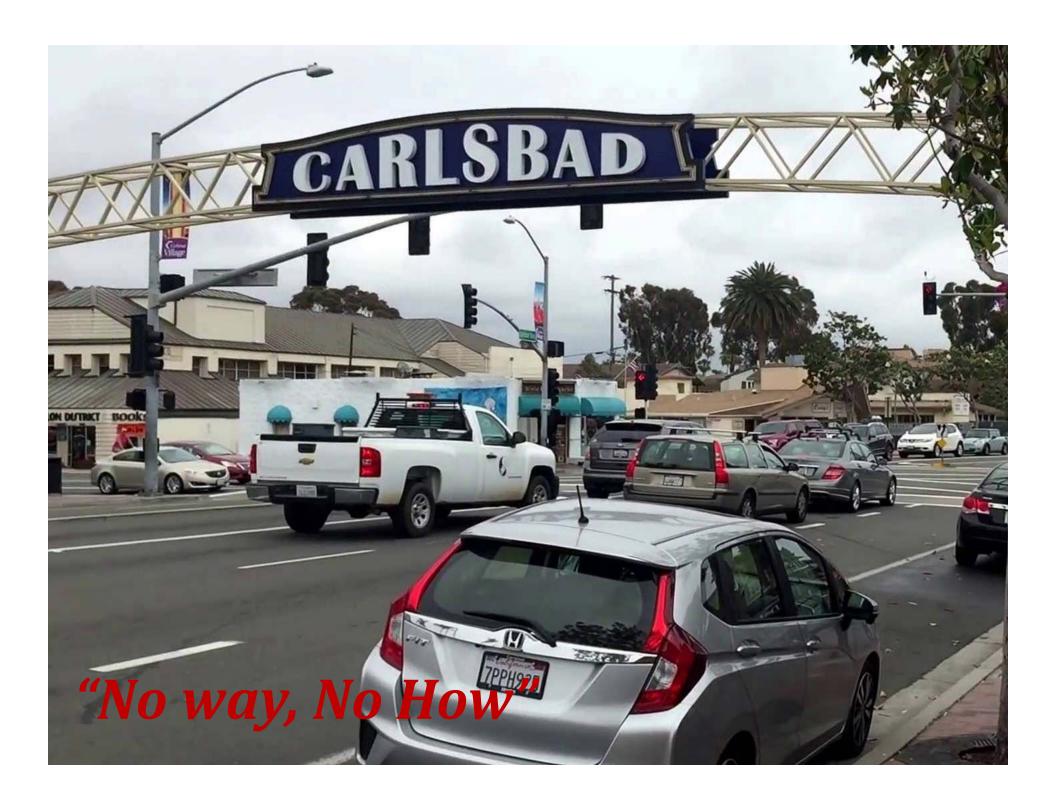








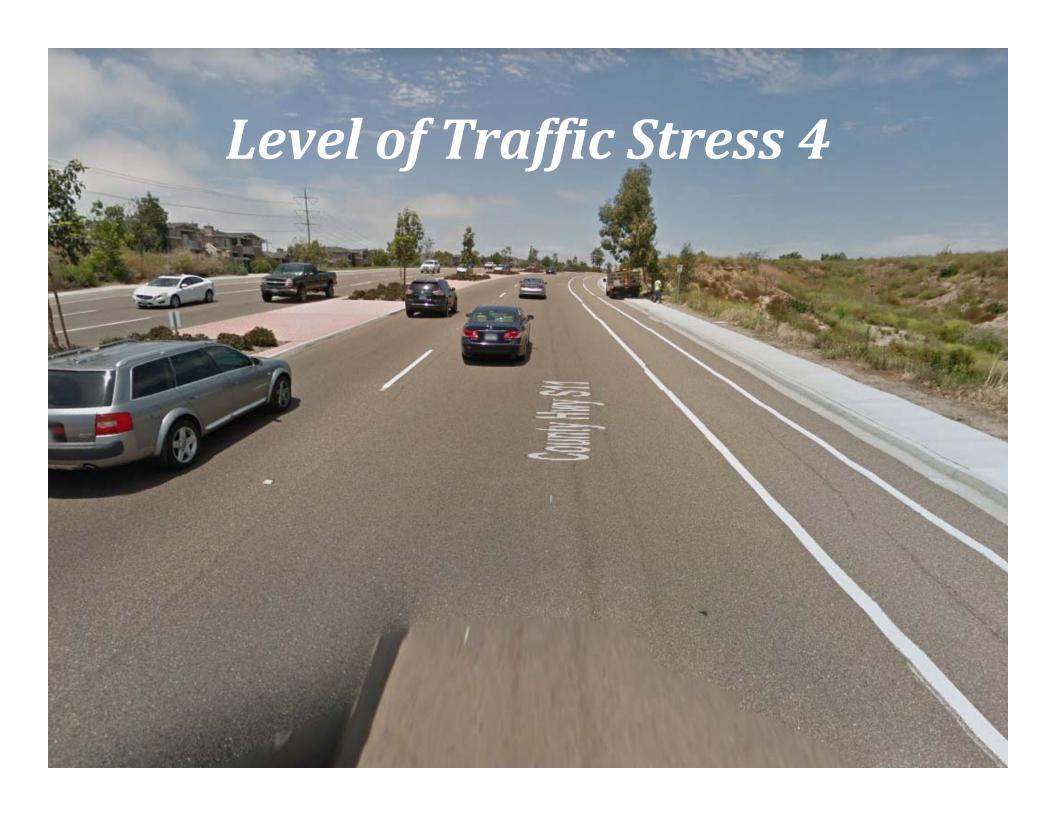












Design Considerations

 Design to increase access for most vulnerable people

THE FOUR TYPES OF BICYCLISTS



LEVEL OF TRAFFIC STRESS

Level of traffic stress (LTS) is a way to evaluate the stress a bike rider will experience while riding on the road. It is used to categorize roads by the types of riders above who will be willing to use them based on:



- LTS 1 Most children can feel safe riding on these streets.
- The mainstream "interested but concerned" adult population will feel safe riding on these streets.
 - Streets that are acceptable to "enthused and confident" riders who still prefer having their own dedicated space.
 - High-stress streets with high speed limits, multiple travel lanes, limited or non-existent bikeways, and long intersection crossing distances.



Network Quality Citywide



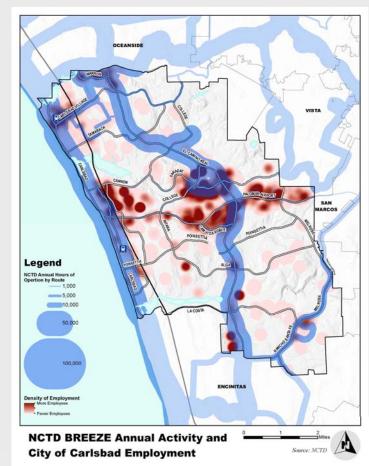






Mobility Network for People in Transit

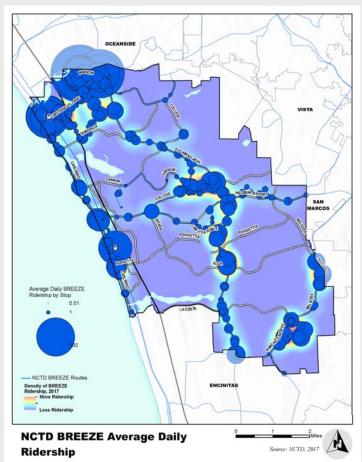








Network Quality in Transit









New Mobility Network Considerations











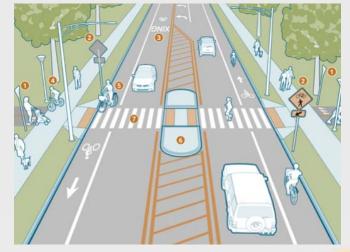


New Access Considerations











New Connections











Curb extension



Enhanced paving



CROSSINGS

6 High visibility crossing





3 BIKEWAY



BIKE PARKING

Secure group bike parking facility

















16 PACKAGE DELIVERY

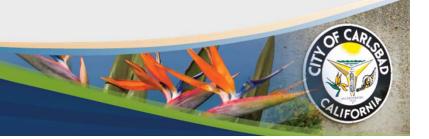




Sustainable Outcomes

- Approx. 45% of all trips in certain parts of Carlsbad are under 2 miles in length
- Project will:
 - Close travel network gaps
 - Increase travel choices to work and play
 - Improve quality & access for vulnerable users





Planning Process and Schedule

- Summer '18:
 - Existing Conditions Assessment
 - Stakeholder Engagement Planning
- Fall '18:
 - Design Guidelines Development
 - Stakeholder Engagement Efforts
 - Project Identification
- Winter '18:
 - Project Prioritization
 - Plan Development and Adoption





Sustainable Mobility Plan

Questions?

www.carlsbadca.gov Search "Sustainable Mobility Plan"





Sustainable Mobility Plan

Stakeholder Working Group Meeting #1



