



Mobility Analysis Existing Conditions

Community Plan Advisory
Committee

February 21, 2012

Fehr & Peers Transportation Consultants



Introduction

Analysis Overview





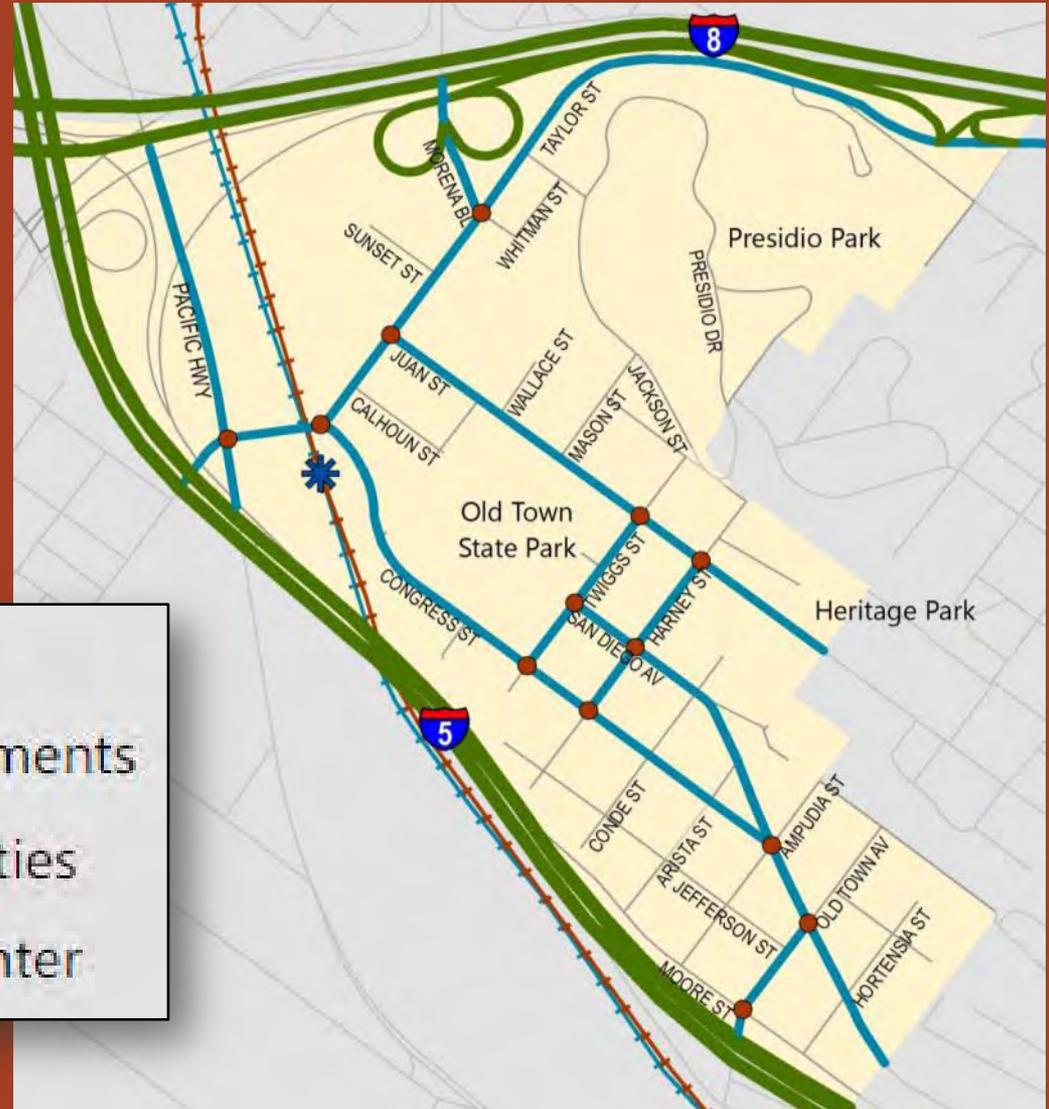
Old Town San Diego

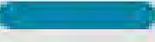
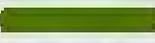
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Introduction

Study Area



-  Study Intersections
-  Study Roadway Segments
-  Study Freeway Facilities
-  Old Town Transit Center



Introduction

Objectives / Purpose



- **Summarize the physical and operational conditions of the transportation network**
- **Identify current transportation constraints and issues**



Pedestrian Facilities



District

- Heavy Pedestrian Levels
- Mixed Use and Street Front Retail Areas



Corridor

- Moderate Pedestrian Levels
- Street Front Retail Areas



Pedestrian Facilities:



Connector

- Low Pedestrian Levels
- Single use or office , institutional, or employment areas

Neighborhood



- Low to Moderate Pedestrian Levels
- Residential Areas

Ancillary



- Facilities from a Street or Crossing Over / Under a Street
- Plazas, Paseos, Promenades, Courtyards or Pedestrian Bridges and Stairways



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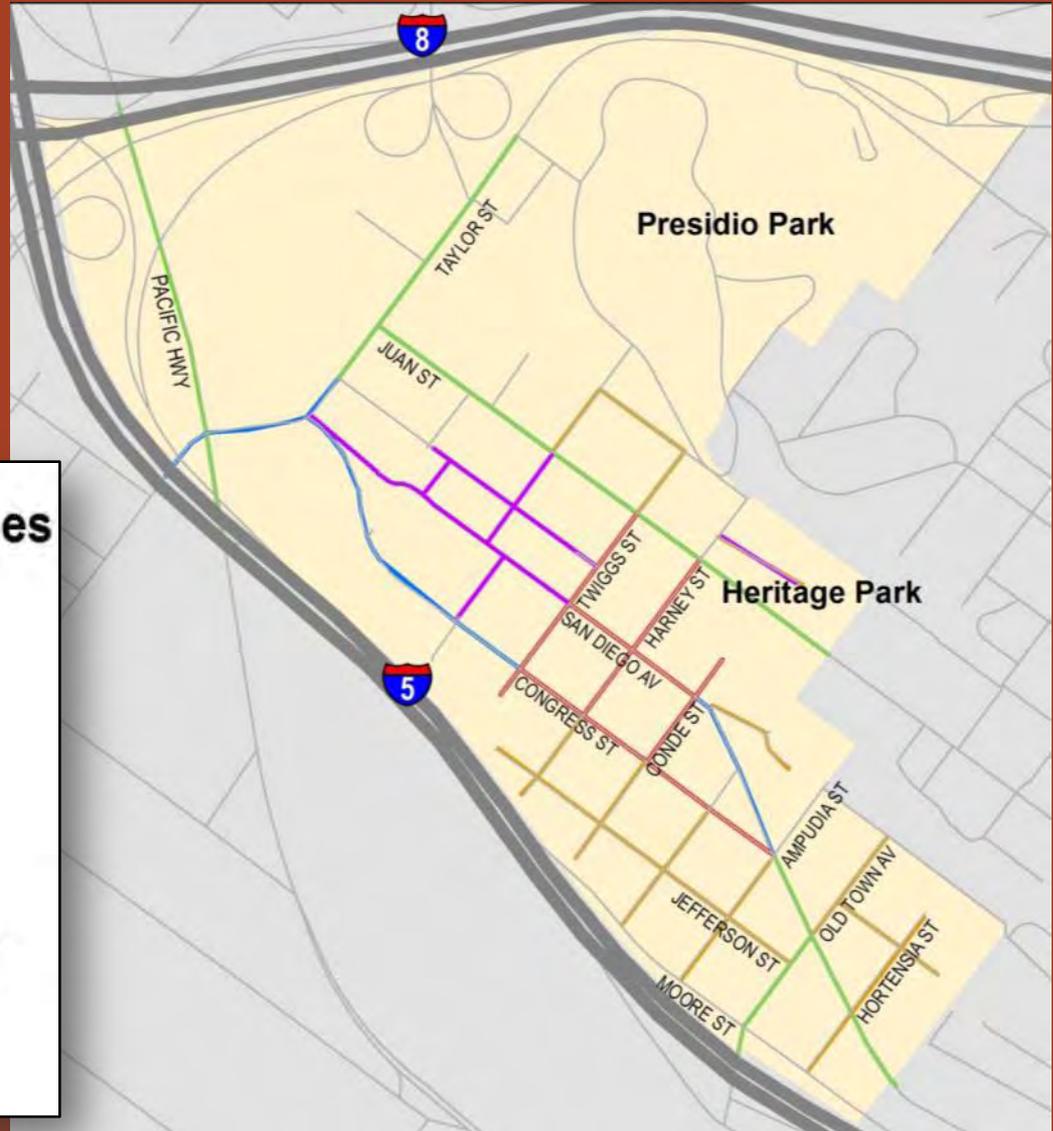
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Pedestrian Facilities Existing

Pedestrian Route Types

-  District
-  Corridor
-  Connector
-  Neighborhood
-  Ancillary





Pedestrian Facilities

Planned Facilities

Old Town Public Facilities Financing Plan (2004)

- Install / Upgrade 20 curb ramps to meet ADA standards (Project T12)

Note: Improvements are currently unfunded.





Pedestrian Facilities

Evaluation Criteria

- Safety
- Accessibility
- Connectivity
- Walkability



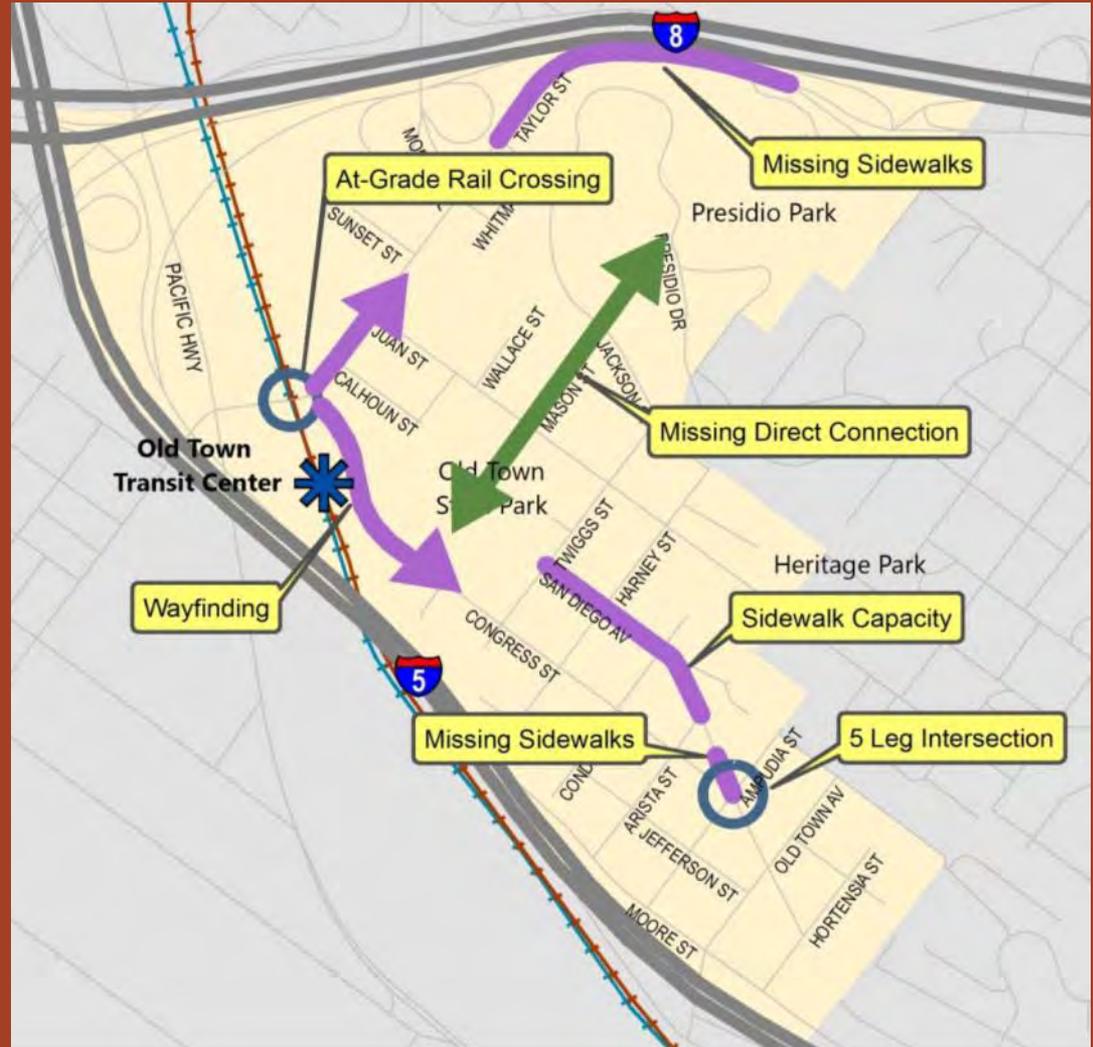


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Pedestrian Facilities Issues/Needs





Pedestrian Facilities

Issues & Needs Identified by the Community



- **General Concerns**
 - **Lack of Connectivity Between Community Features**
 - **Narrow Sidewalks**
 - **Pedestrian Barriers/Obstacles**
 - **Pedestrian Lighting**
 - **Pavement Conditions**
 - **Number of Driveways Creating Pedestrian / Vehicle Conflicts**



Pedestrian Facilities

Community Identified Issues & Needs



- **Lack of Pedestrian Facilities**
 - Taylor Street East of Morena Boulevard
 - Connection Between the Recreation Center and Residential Areas (Potentially Along Jackson Street)
 - Connection Between State Park and Presidio Park



Pedestrian Facilities

Community Identified Issues & Needs



- **Need for Improved Pedestrian Access to/from the Old Town Transit Center**
- **Mobility Conflicts Created by the Taylor Street At-Grade Rail Crossing**



Pedestrian Facilities

Community Identified Issues & Needs



- **Lack of Crosswalks Along San Diego Avenue**
- **Lack of Traffic Control at the Ampudia Street / Congress Street / San Diego Avenue Intersection**
- **Lack of ADA Accessibility Throughout the Community**



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Questions?



Bicycle Facilities

Bicycle Route Types

- **Cycle Track: Exclusive Bicycle Path With the On-Street Infrastructure of a Conventional Bike Lane (Class II)**
- **Class I – Bicycle Path: Paved Bicycle Right-of-Way Completely Separated from Any Street or Highway**





Bicycle Facilities

Bicycle Route Types

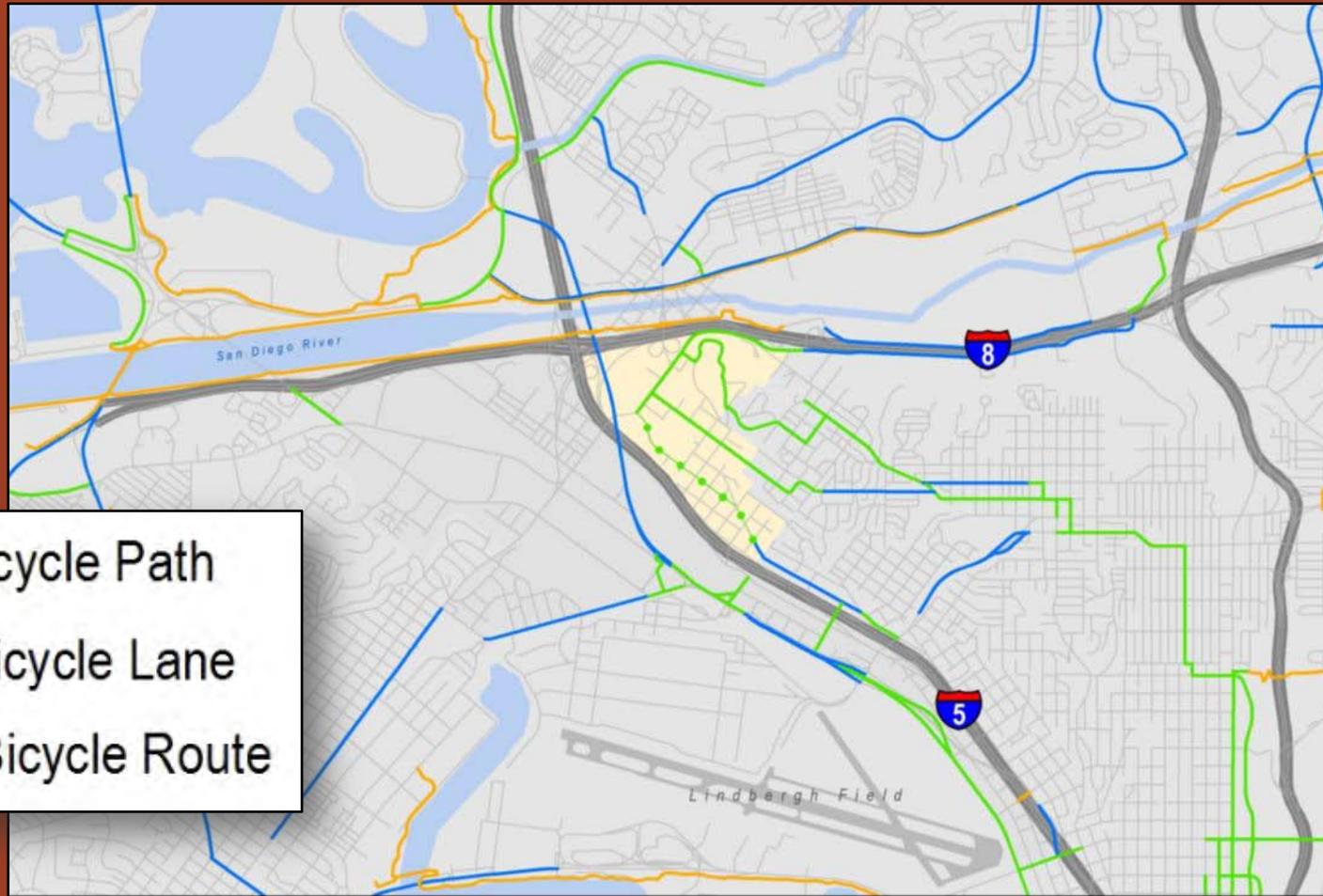
- **Class II – Bicycle Lane:**
Striped and Stenciled Lane
for One-Way Travel on a
Street or Highway
- **Class III – Bicycle Route:**
Shared Use Right-of-Way
With Pedestrian or Motor
Vehicle Traffic Identified
Only by Signing or Markings
(Sharrows).





Bicycle Facilities

Existing Facilities



-  Class I - Bicycle Path
-  Class II - Bicycle Lane
-  Class III - Bicycle Route



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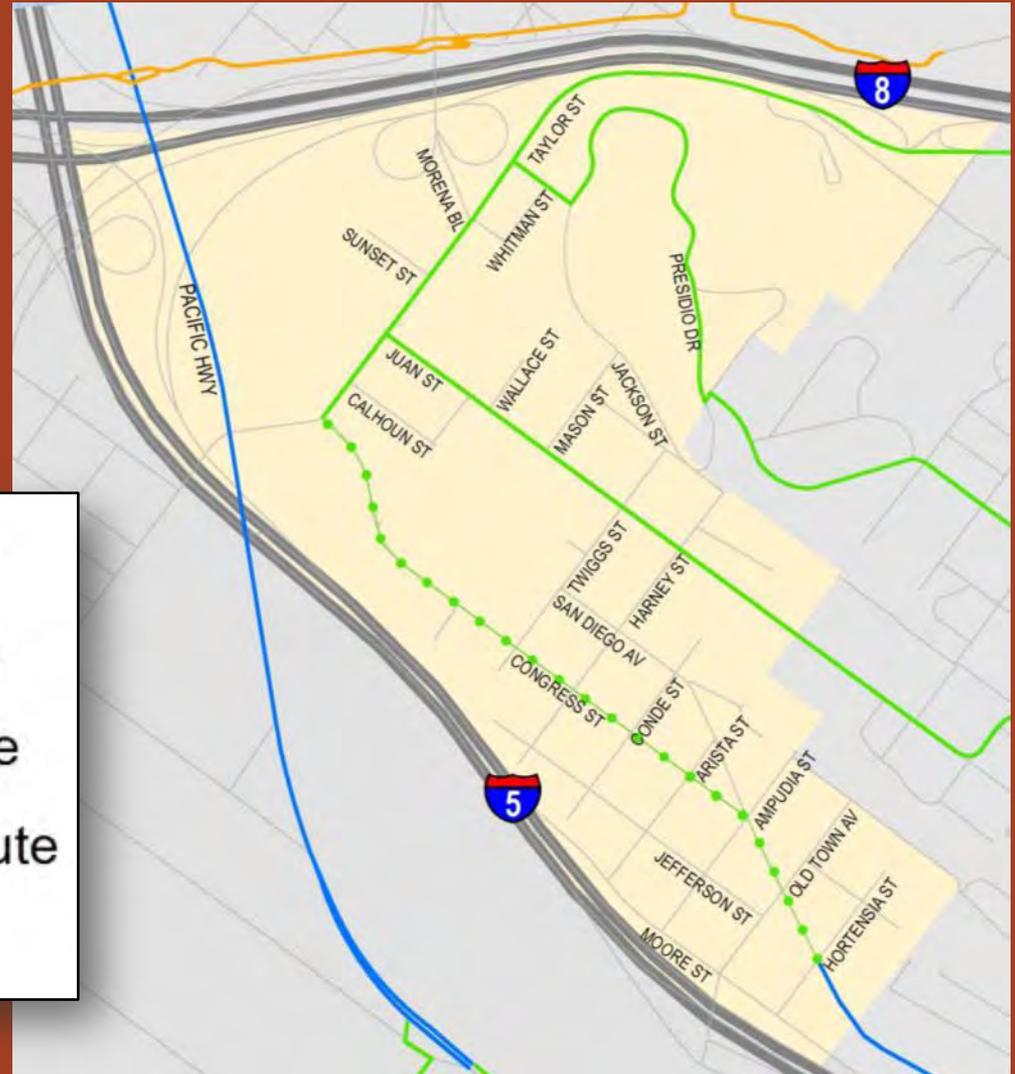
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Bicycle Facilities Existing Facilities

Existing Bicycle Facilities

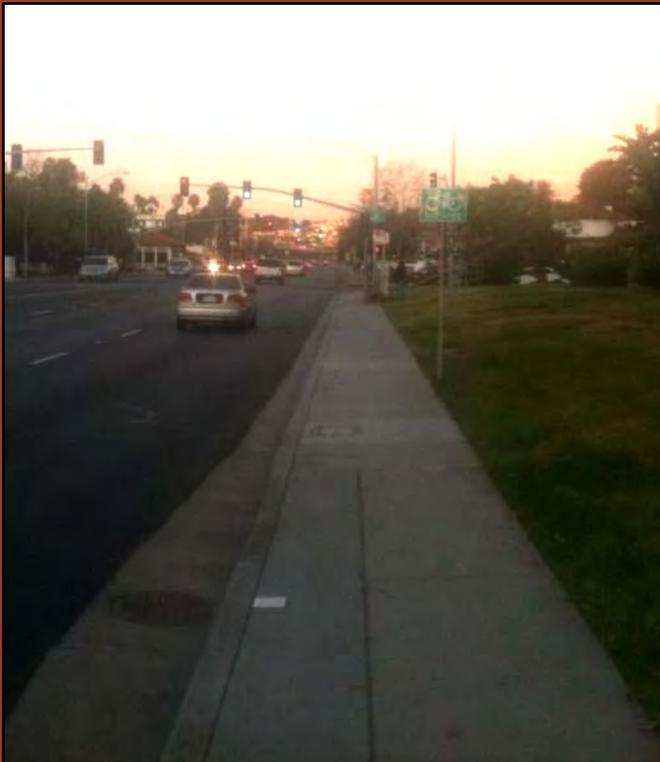
-  Class I - Bicycle Path
-  Class II - Bicycle Lane
-  Class III - Bicycle Route
-  Sharrows





Bicycle Facilities

Recommended Facilities



Old Town Public Facilities Financing Plan (2004)

- Implement a Class II design along Taylor Street (Project T11)
- Bike racks and storage areas should be designed and considered in the streetscape design (Project T11)

Note: Improvements are currently unfunded.



Bicycle Facilities

Recommended Facilities



City of San Diego
Bicycle Master Plan Update
San Diego, California

June 2011

PREPARED BY
alta engineers + design
PREPARED FOR
The City of San Diego



Draft Bicycle Master Plan (2011 Update)

Cycle Track

- Coastal Rail Trail – Pacific Highway

Class II Bike-Lanes

- San Diego Avenue (South of Congress)
- Taylor Street
- Old Town Avenue
- Morena Boulevard



Bicycle Facilities

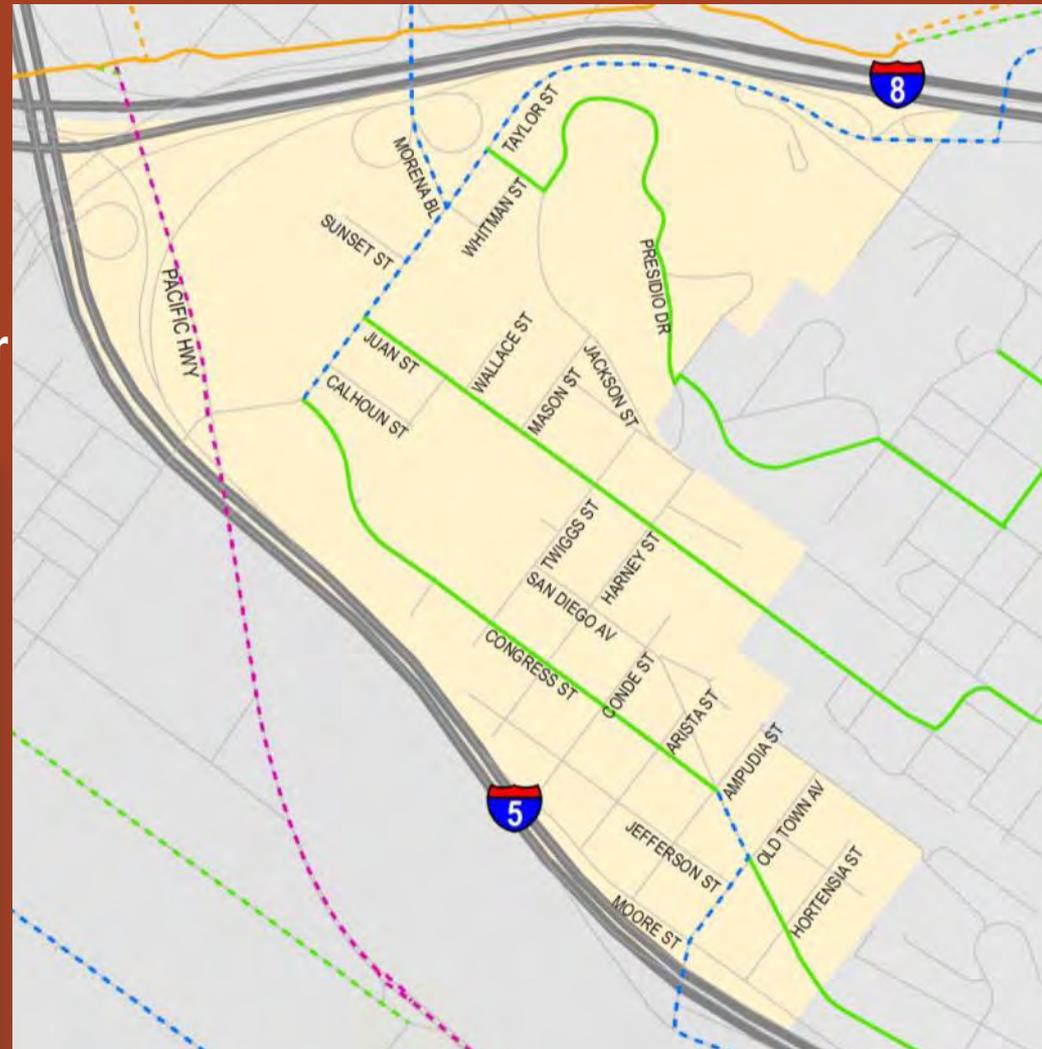
Recommended Facilities

City of San Diego Bicycle Master Plan (Draft 2011 Update)

Proposed Bicycle Facilities

- Class I - Bicycle Path
- Class II - Bicycle Lane
- Class III - Bicycle Route
- Cycle Track

Note: Solid Lines Indicate Existing Facilities





Bicycle Facilities

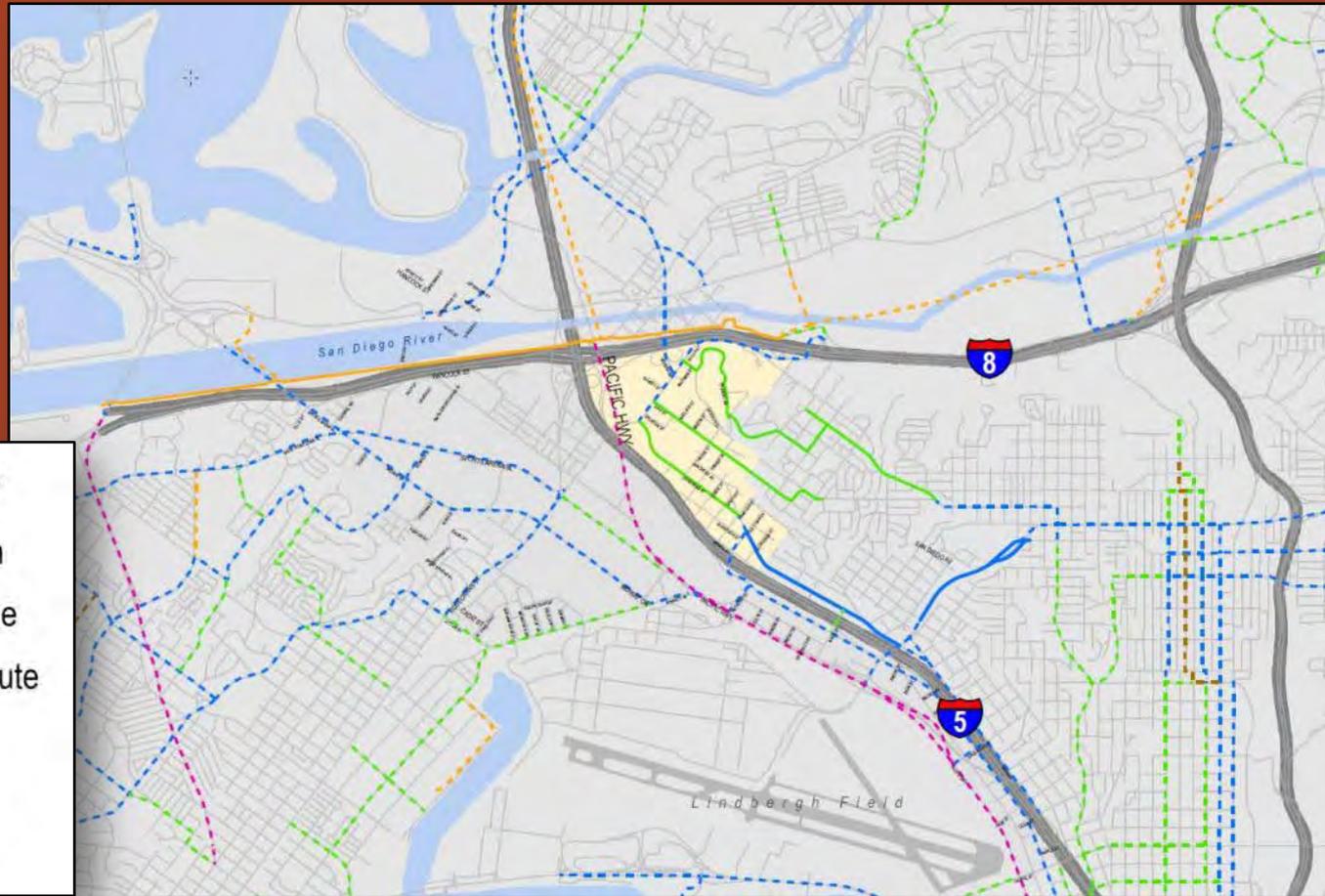
Recommended Facilities

City of San Diego
Bicycle Master
Plan (Draft 2011
Update)

Proposed Bicycle Facilities

- Class I - Bicycle Path
- Class II - Bicycle Lane
- Class III - Bicycle Route
- Cycle Track

Note: Solid Lines Indicate
Existing Facilities





Bicycle Facilities

Evaluation Criteria

- Separation between Motor Vehicles and Bicycles
- Roadway Width
- Motor Vehicle Volumes and Speed
- On-Street Vehicle Parking
- Number Conflicts with Side Streets, Alleyways and Driveways





Bicycle Facilities Issues/Needs





Bicycle Facilities

Community Identified Needs and Issues

- Need for Additional Bicycle Facilities and Amenities
- Concern About Losing Existing Diagonal Parking on Pacific Highway with Implementation of Cycle Track





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Questions?

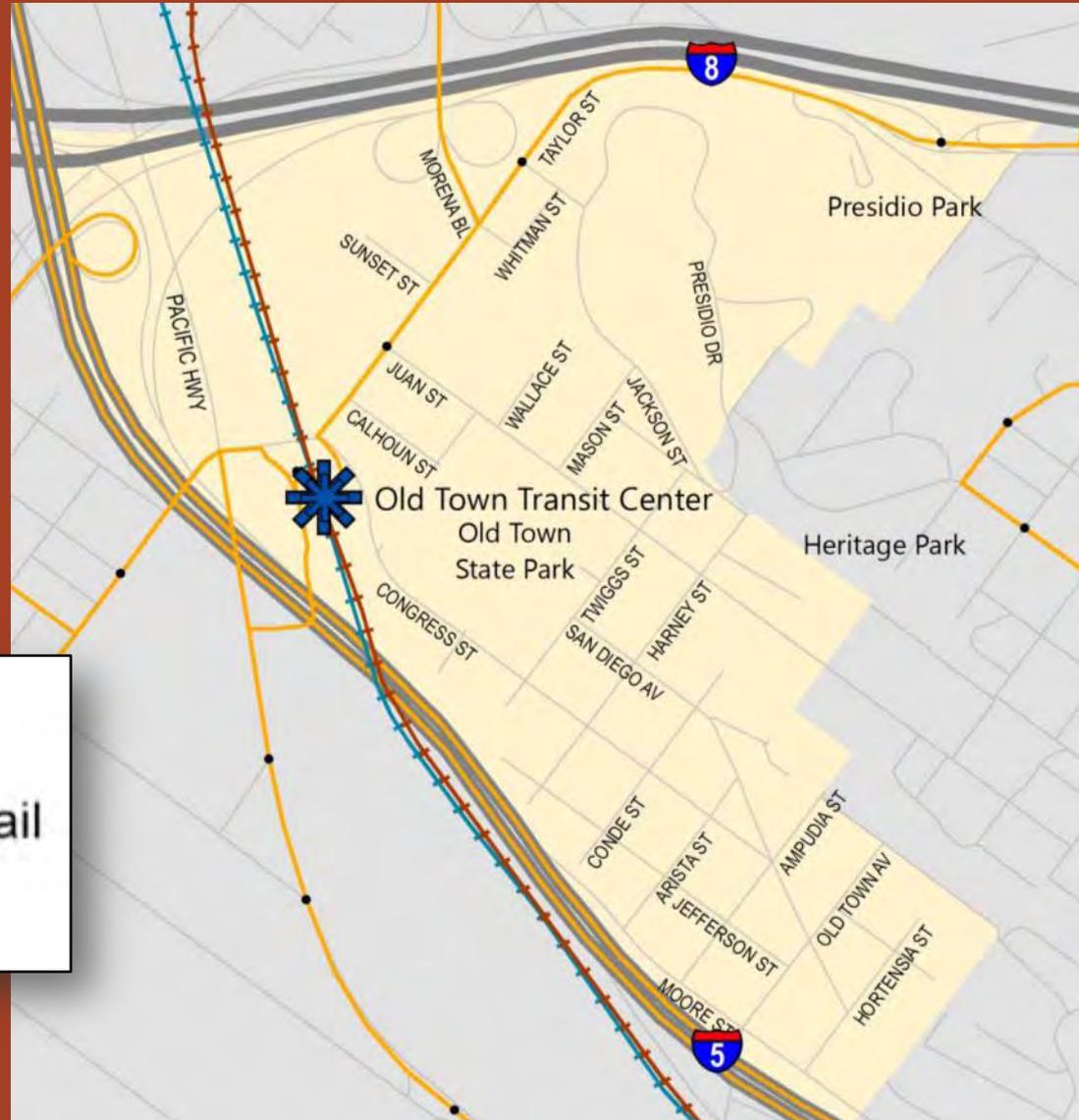


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Public Transit Existing Routes



-  San Diego Trolley
-  Coaster Commuter Rail
-  MTS Bus



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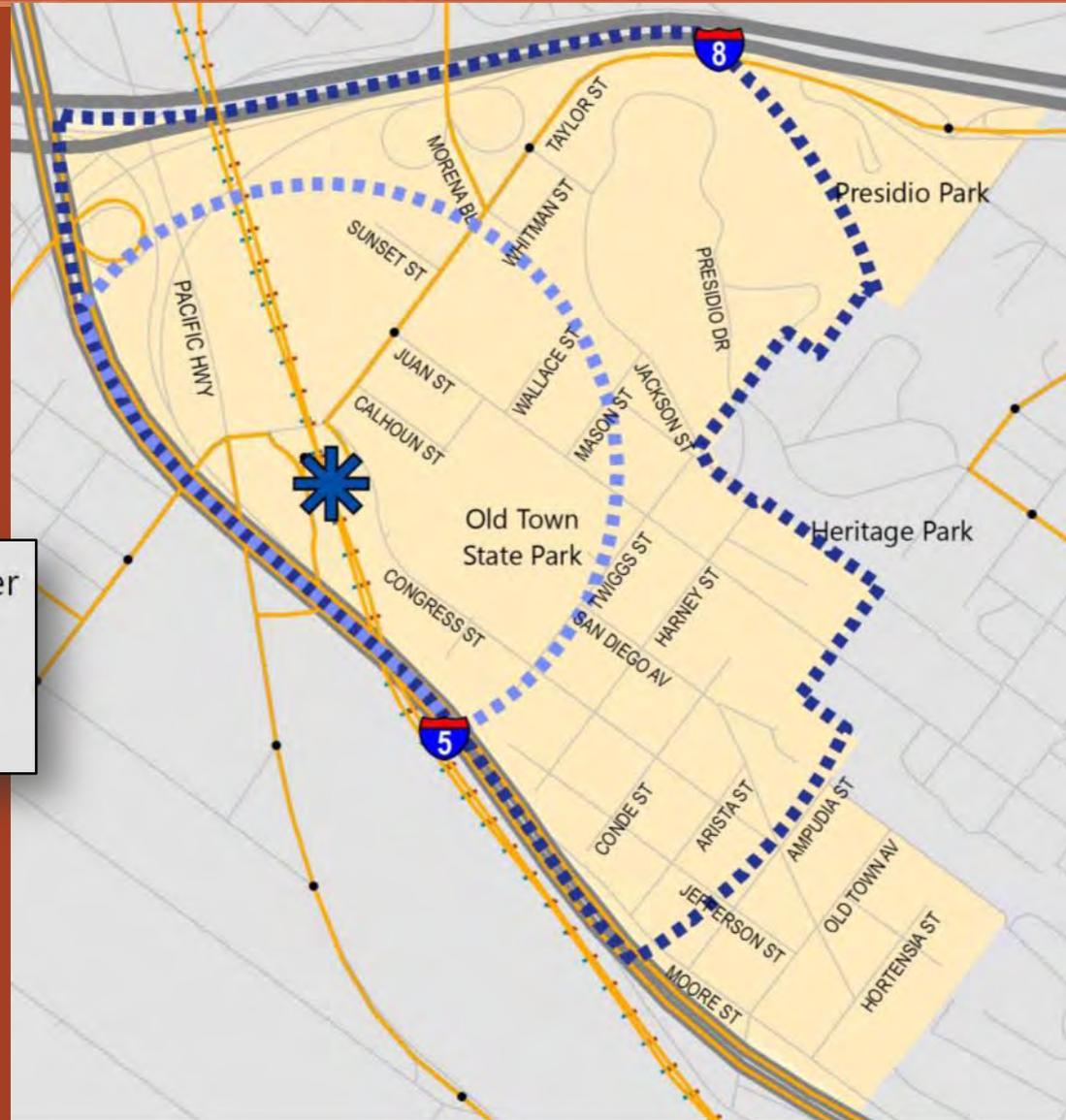
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Public Transit

Distance to the Transit Center

-  Quarter Mile From Transit Center
-  Half Mile From Transit Center
-  Old Town Transit Center





Public Transit

Community Identified Needs and Issues



- **Mobility Issues Associated with the Taylor Street At-Grade Rail Crossing**
- **Need Wayfinding Signage to Direct People from the Transit Center to Community Destinations**





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Questions?



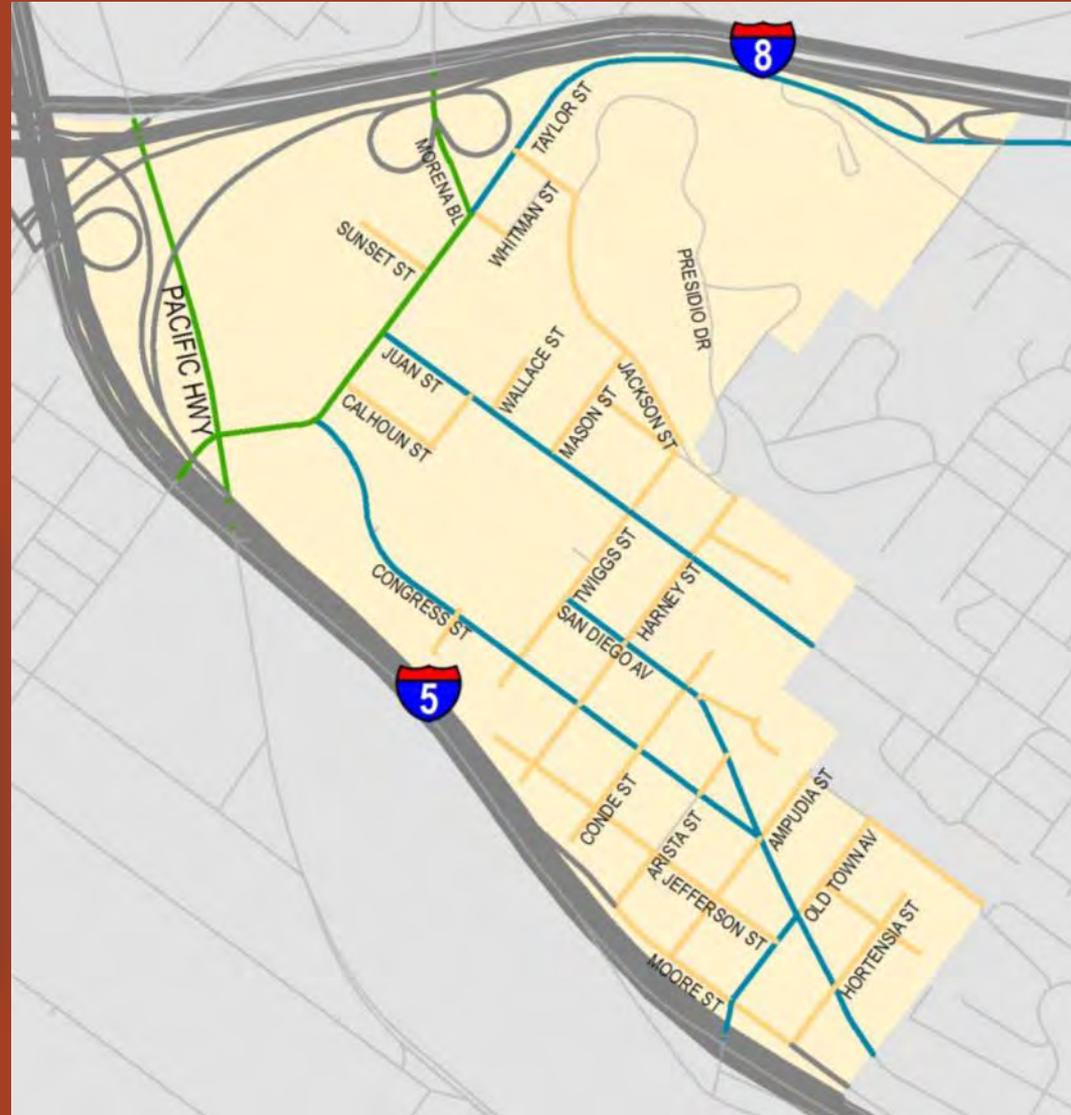
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Roadway System Existing Facilities

-  Freeway
-  Major Street
-  Collector Street
-  Local Street





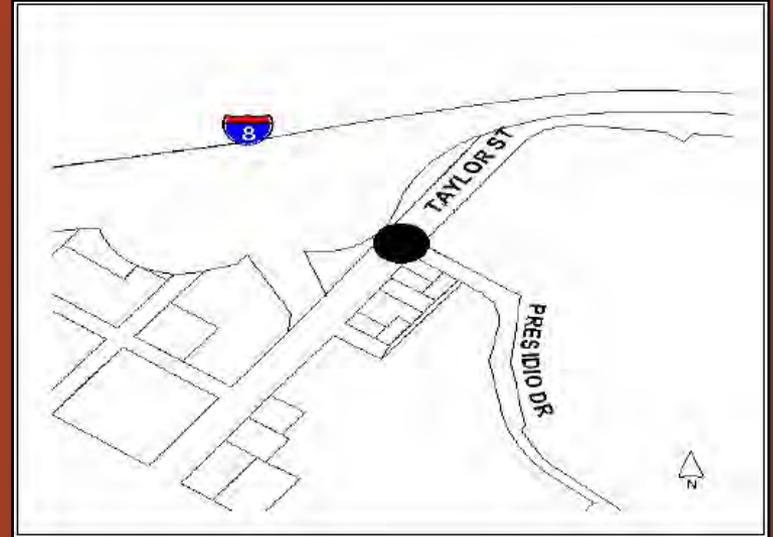
Roadway System

Planned Improvements

Old Town Public Facilities Financing Plan (2004)

- **Widen Presidio Drive to Allow for a Right-Turn Lane on Taylor Street (Project T10)**

Note: Improvement is Currently Unfunded





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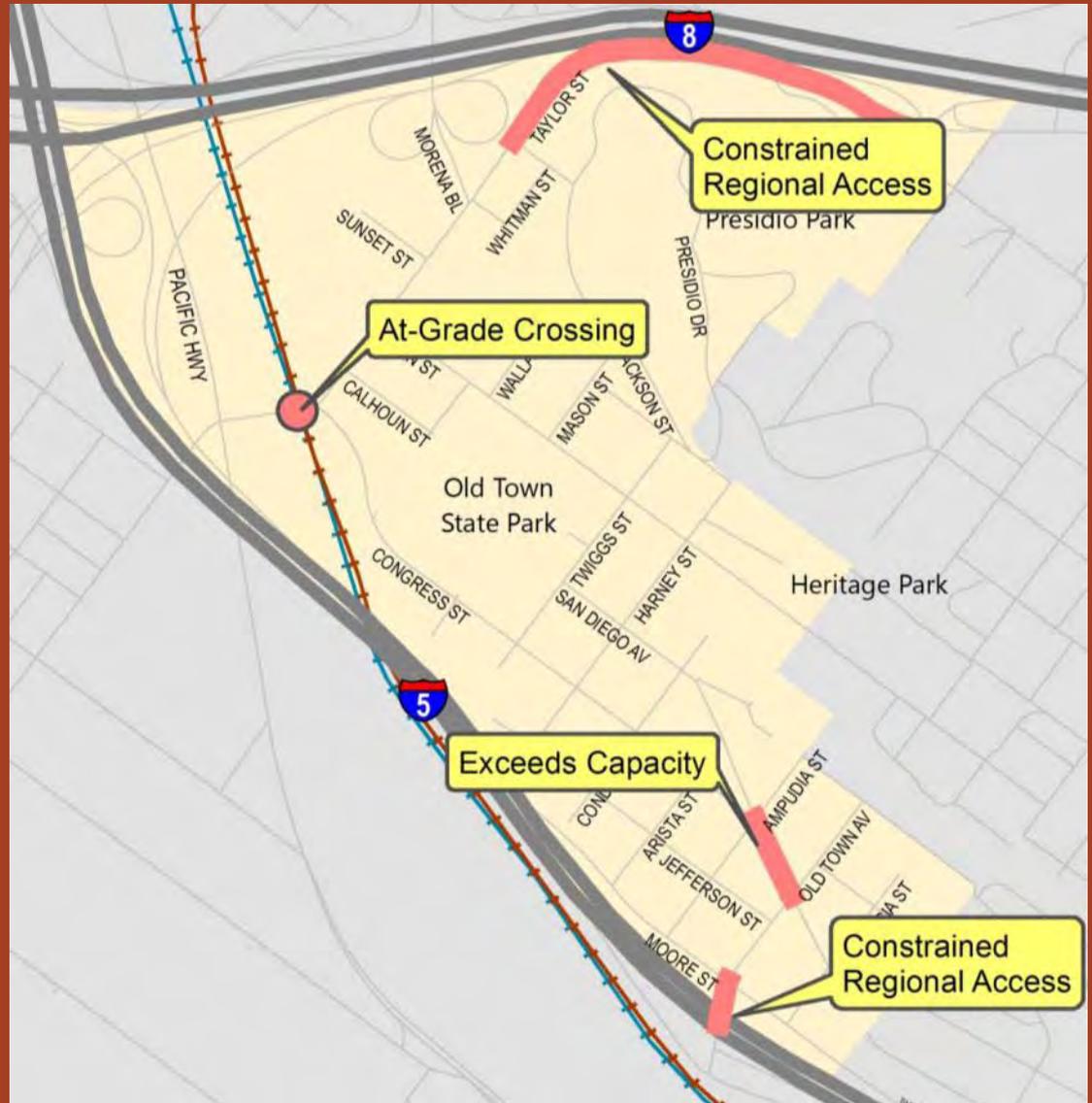


Roadway System

Issues/Needs

General Issues

- Streets that Exceed Capacity
- At-Grade Crossing at Taylor Street
- Constrained Regional Access to the Freeway System





Roadway System

Community Identified Issues and Needs



- **Intersections with Mobility Issues:**
 - Rosecrans / Taylor Street / Pacific Highway
 - (At-Grade Rail Crossing)
 - Ampudia Street / Congress Street / San Diego Avenue
 - (5 Leg Intersection)



Roadway System

Community Identified Issues and Needs



- Motorists Cutting Through Presidio Park to Access the Freeway
- Need for Improved and Organized Wayfinding Signage throughout the Community



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Questions?



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COMMUNITY PLAN UPDATE



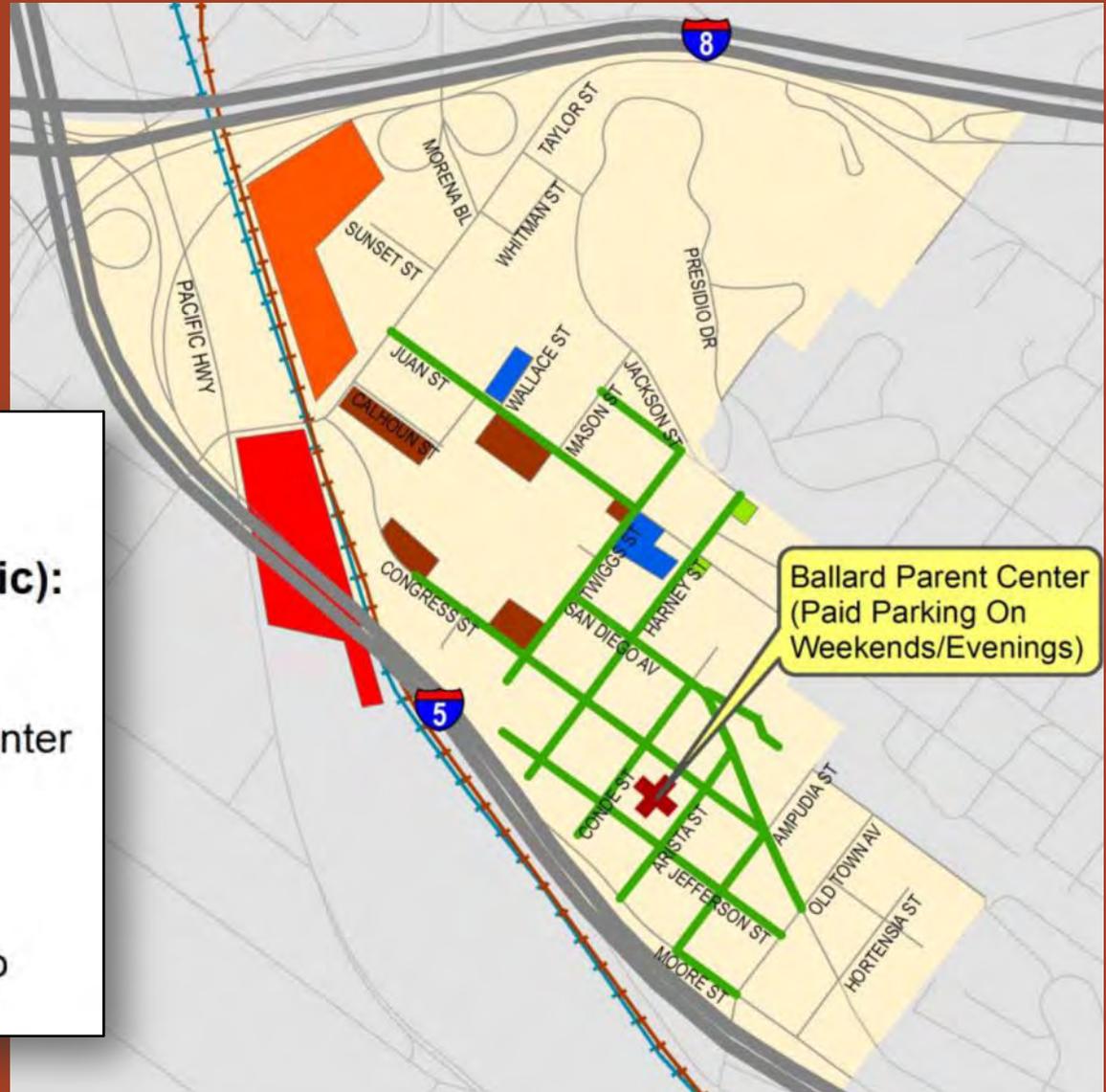
Public Parking Facilities

Existing

On-Street Parking
 Survey Location

Off-Street Parking (Public):

-  Caltrans
-  Old Town Transit Center
-  State Park
-  City of San Diego
-  County of San Diego





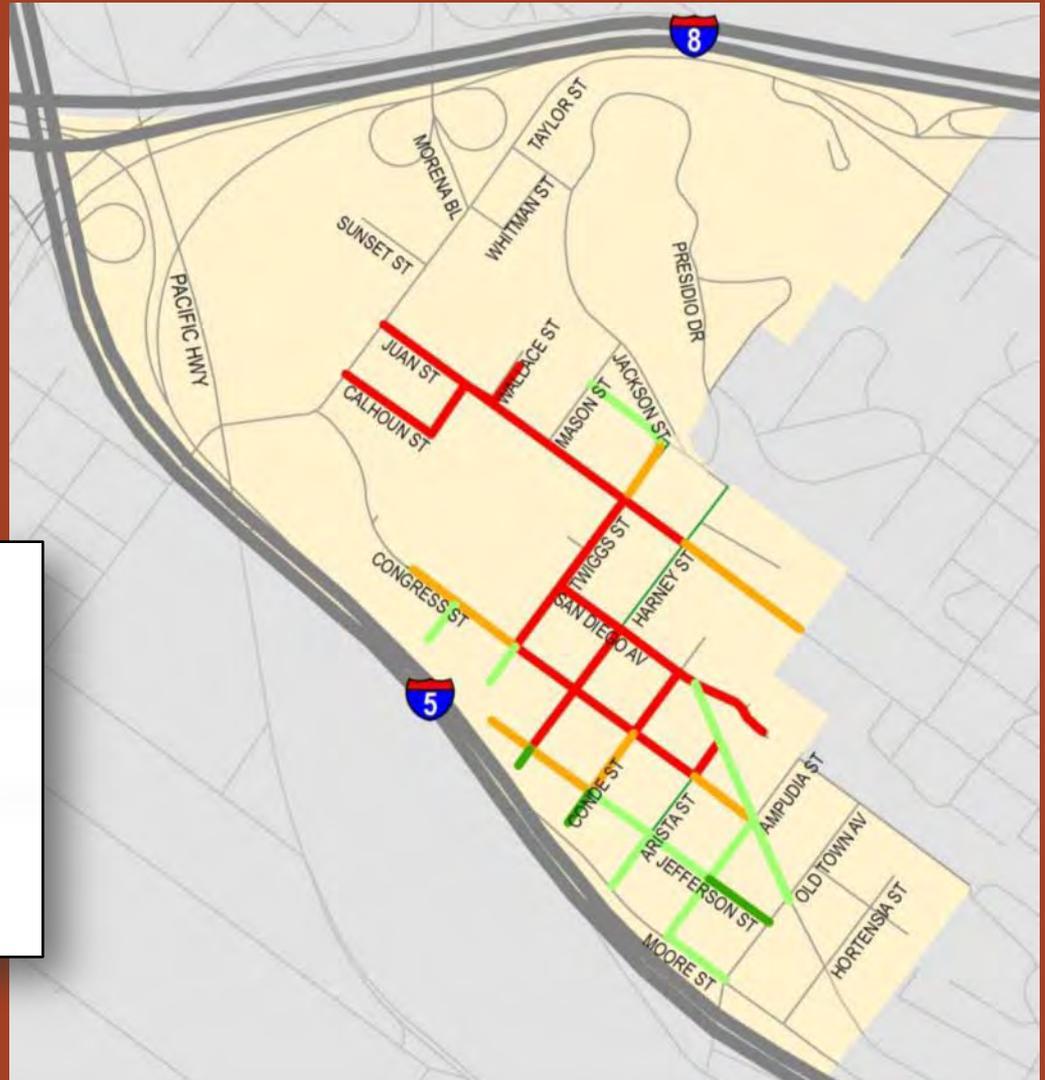
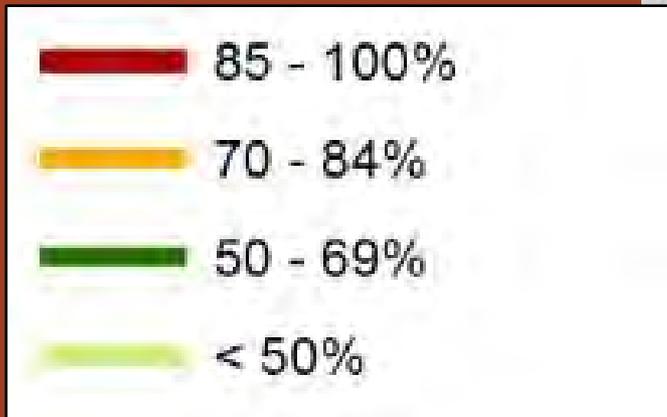
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Public Parking Facilities

Surveyed On-Street Parking





Public Parking Facilities

On-Street Parking (Surveyed Streets)

- **Approximately 400 On-Street Parking Spaces**
- **Averages 80% Occupancy During Typical Weekday**
- **Heavily Utilized Around the State Park and in Commercial Core Area**





Public Parking Facilities



Off-Street Public Parking

Visitor Oriented Parking Facilities Study of the Old Town Community (2002)

Old Town Transit Center

- 456 Total Parking Spaces
- Reaches Capacity During AM Peak and Stays Full All Day
- Generally Used by Transit Patrons

State Park and City Parking Lots

- 602 Total Parking Spaces
- Generally at Capacity on Evenings, Weekends and During Events



Public Parking Facilities



Existing Off-Street Public Parking

Caltrans District 11

- **Approximately 800 Parking Spaces**
- **Open to the Public on Evenings and Weekends**
- **Under Utilized Due to Lack of Signage**

Heritage Park – County of SD

- **Approximately 58 Parking Spaces**

Ballard Parent Center - SDUSD

- **Paid Parking on Evenings and Weekends**



Public Parking Facilities

Planned Parking Structure



Old Town Public Facilities Financing Plan (2004)

- Construct an 875 Space Municipal Parking Structure
- Located at City Parking Lot at Juan and Twiggs Streets (Project T2)

Note: Improvement is Currently Unfunded



Public Parking Facilities

Community Identified Issues and Needs

- Overall Lack of Parking Throughout the Community
- Need for Improved Wayfinding Signage to Direct Visitors to Available Parking
- Desire for a Public Parking Structure





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Questions?



Next Steps

- **Take Community Input and Refine**
- **Include in Existing Conditions Report**



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