Connect the Coastside Presentation
Workshop #1 Opportunities and Constraints
November 10, 2014
Tonight’s Presentation

- Project Overview and Schedule
- Existing Transportation Conditions
- Build-out Analysis, Traffic Projections and Deficiencies
- Possible Solution Options
Project Overview and Schedule
What is Connect the Coastside?

The Plan will identify measures to ensure future residential and non-residential development can be supported by the future transportation system and infrastructure.
Project Objectives

- Estimate the buildout development potential of the Midcoast and Half Moon Bay
- Identify the potential impacts of growth on traffic, mobility and safety
- Identify and evaluate measures to minimize and mitigate the impacts of growth
- Develop a plan for funding and implementing multi-modal transportation improvements
Workshop #1: Opportunities and Constraints - November 2014
Workshop #2: Alternatives - March 2015
Workshop #3: Draft Plan - May 2015
Coordination with Other Studies

- Highway 1 Safety and Mobility Improvement Studies
- Highway 1 Congestion Management Project
- City of Half Moon Bay General Plan Update
- Plan Princeton
- San Mateo County Congestion Management Plan
- Recreation Parking Assessment
Existing Transportation Conditions
First Step: Review Existing Conditions on the Coastside

What are the current conditions for

- Traffic
- Local Bus Service
- Bicycle/Pedestrian Access and Routes
- Available Parking
Existing Traffic Deficiencies

- We measured traffic conditions at:
  - 48 Intersections along Highway 1, SR 92 and Main St, and
  - 47 road segments along Highway 1 and SR 92
- Many intersections and segments exceed LOS standards
Existing Transit Conditions

- 2 fixed routes (17, 294)
- Infrequent service, particularly on weekends
- Lack of special event service/shuttles for recreational users
- Limited regional connections (BART, Caltrain, job centers)
Existing Pedestrian Conditions

- Lack of connectivity between communities and within communities
Highway 1 is a major connector but lacks designated pedestrian facilities.

Improved crossings could increase pedestrian safety.
Existing Bicycle Conditions

- Highway 1 lacks designated bicycle facilities
- Major gaps in the network
- Lack of bicycle parking at major recreational destinations
Existing Parking Conditions

- Lack of sufficient parking for coastal access and recreation during peak times
- Need for more wayfinding signage
Buildout Analysis, Traffic Projections and Deficiencies
Looking Ahead

- Where is Future Development Permitted Under Current Zoning?
  - Vacant Land
  - Underutilized Commercial Land
  - Residential Land on Large Parcels
Initial Buildout Projections for Development - 2040

- Overall Increase in Homes and Apartments of 4,287 Units at Buildout (51% Increase)
- Overall Increase in Jobs of Approximately 2,919 (42%)
Future Travel Forecast

- San Mateo County C/CAG-VTA travel demand model
- Current year to 2040 model growth
- 10%-50% growth in traffic along Hwy 1
- 15%-35% growth in traffic along SR 92
Future Transportation Issues

- Montara and Moss Beach
- Roadway LOS
- Parking Capacity
- Transit Service and Stop Amenities
- Pedestrian Crossings
- Bicycle Facilities
Future Transportation Issues

- El Granada and Miramar
- Roadway LOS
- Parking Capacity
- Transit Service and Stop Amenities
- Pedestrian Crossings
Future Transportation Issues

- Half Moon Bay
  - Roadway LOS - Lack of alternative to Hwy 1
  - Limited transit linkage to Regional Service
  - Lack of Pedestrian and Bicycle Connectivity and Hwy 1 Crossings
  - Need for bicycle parking at Beaches
Future Transportation Issues

- SR 92 East of Half Moon Bay
  - Roadway LOS
  - Lack of Bicycle Lanes
  - Ridge Trail Lacks SR 92 Crossing
  - Climbing/Passing Lane Need
Potential Solution Options
Potential Solution Options

Pedestrian and bicycle improvements
- Illuminated pedestrian crossings
- Connect existing sidewalks and remove obstacles
- Extension of multiuse along Highway 1
- Addition of bike lanes on Hwy 1 and SR 92

Transit improvements
- Increase bus frequency
- Improved shelters
- Shuttle connections to BART and Caltrain
- Shuttles for special events
Gray Whale Cove Parking Lot

- Striped highway crossing
- Left turn bay
- Acceleration lane
Montara Beach and Trail Access

- Striped highway crossing
- Formalized parallel beach parking
Potential Solution Options

Montara

- Raised medians
- Restrict and consolidated left turns
- Designated pedestrian crossings
- 9th Street roundabout
Potential Solution Options

Moss Beach

- Parallel trail
- Medians to manage access
- Roundabouts at gateway intersections
El Granada

- Parallel access road
- Striped pedestrian crossings
- Roundabouts at gateway intersections
Half Moon Bay
Alternative parallel route to Highway 1
Next Steps

- Planning Commission
  Wednesday, December 2014

- Development and Evaluation of Alternatives

- Workshop #2: Alternatives, March 2015