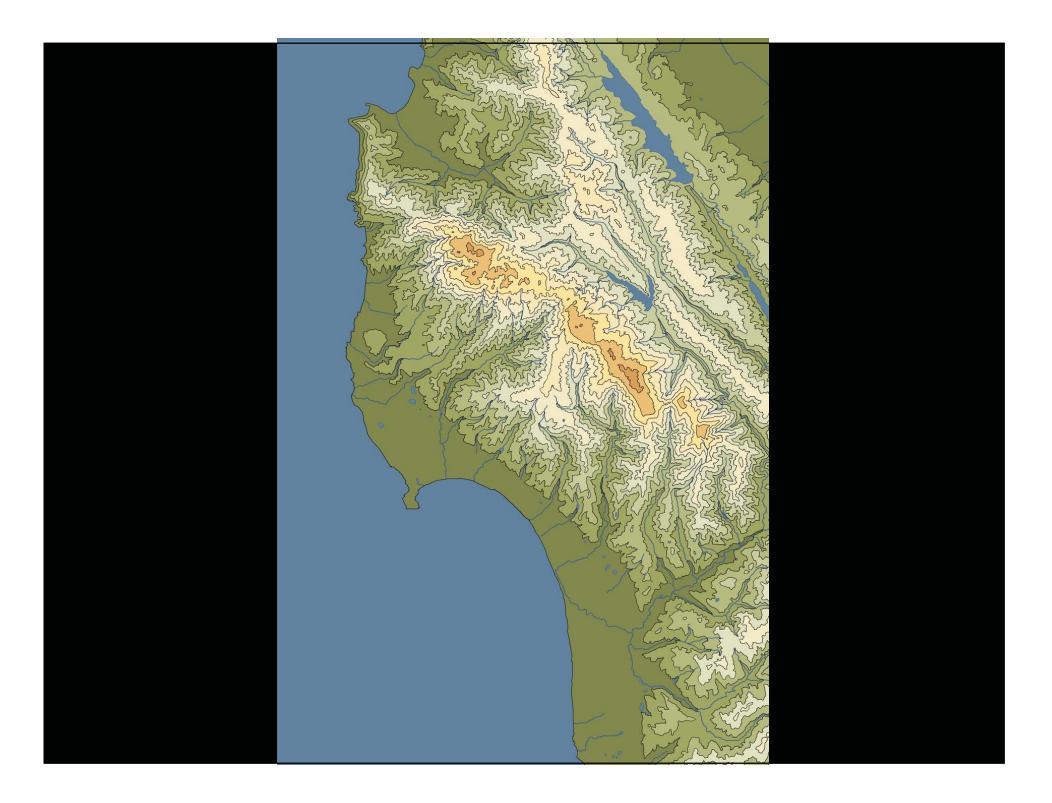
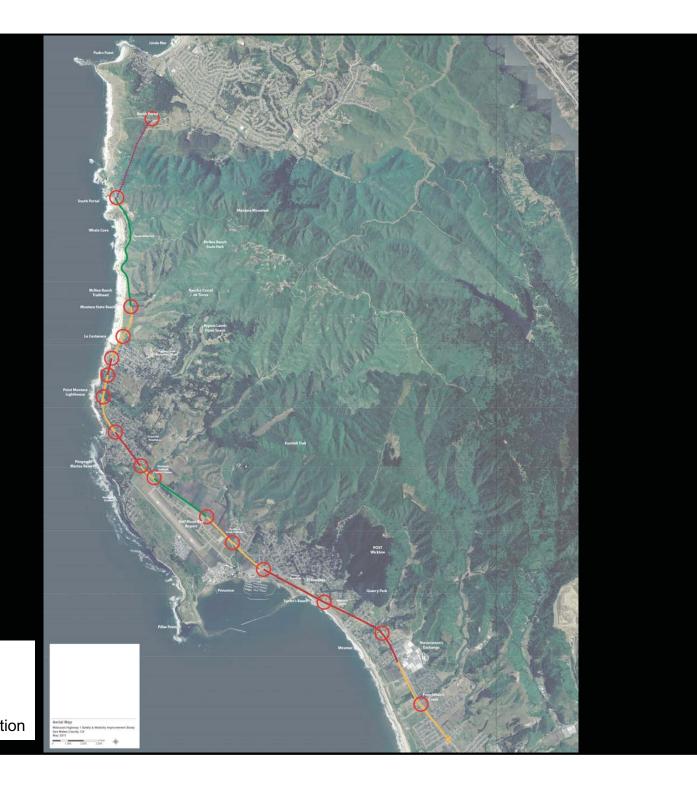
Analysis





Context Zones



Rural
Village Fringe
Village
Hwy 1 Intersection



Village

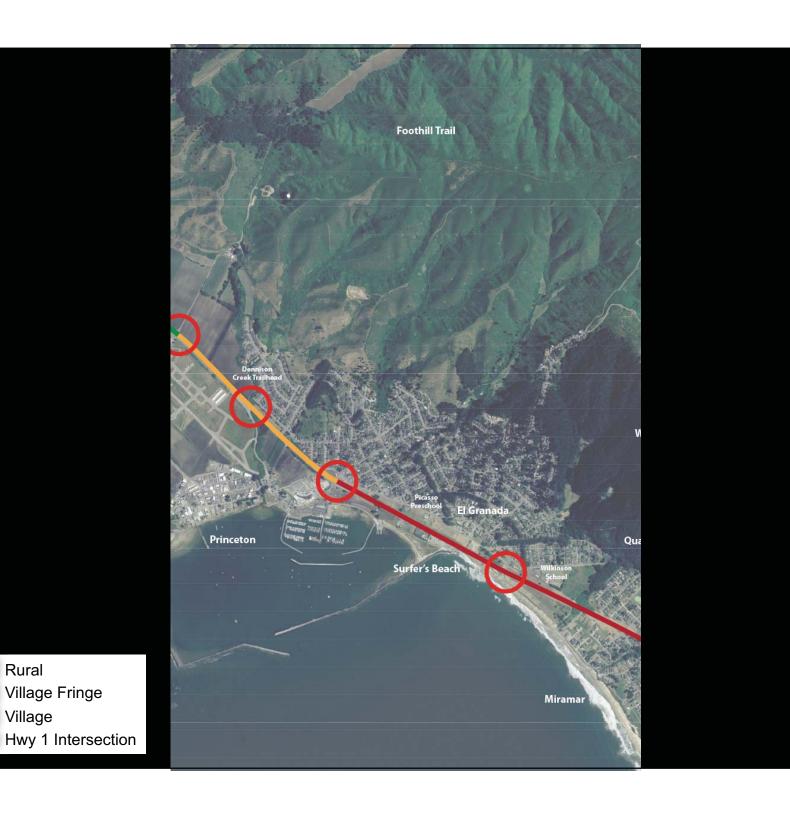
Village Fringe



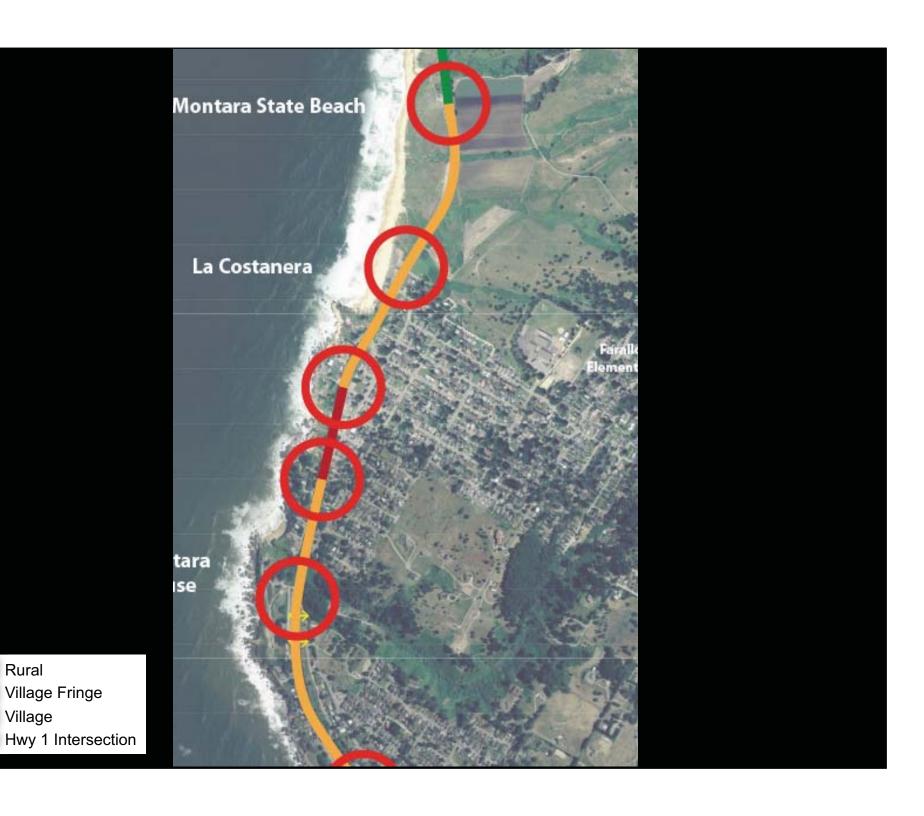


Village

Village Fringe



Village



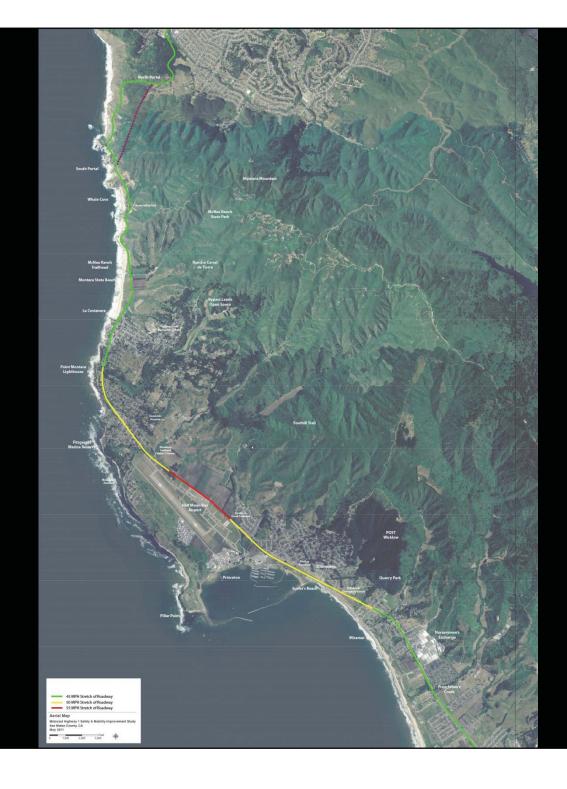
Village



Village

Village Fringe

Preliminary Speed Recommendations



Possible Future Speed Limits





Possible Future Speed Limits

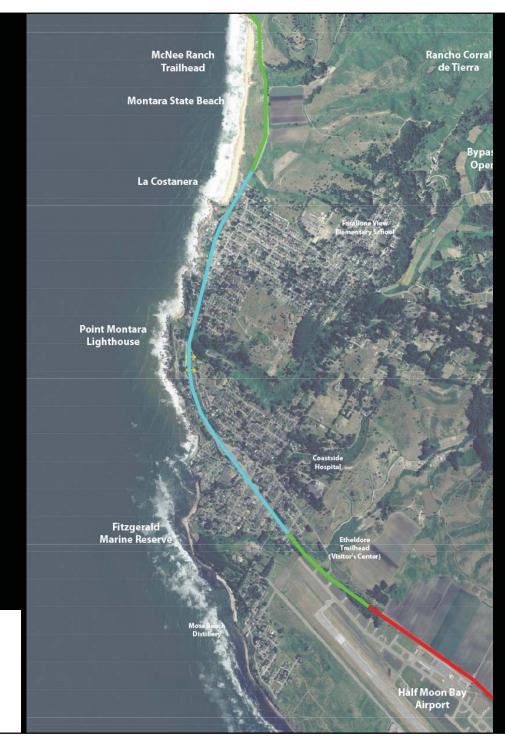


40 MPH Stretch of Roadway 45 MPH Stretch of Roadway

55 MPH Stretch of Roadway



Possble Future Speed Limits



40 MPH Stretch of Roadway

45 MPH Stretch of Roadway

55 MPH Stretch of Roadway



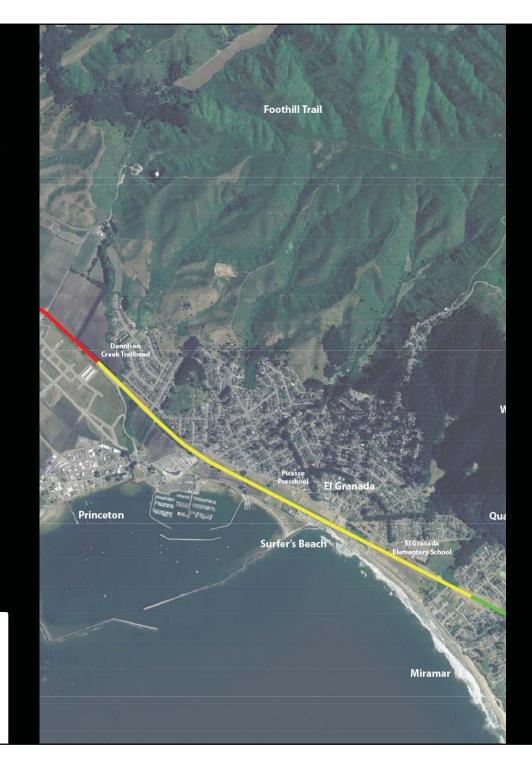
Possble Future Speed Limits



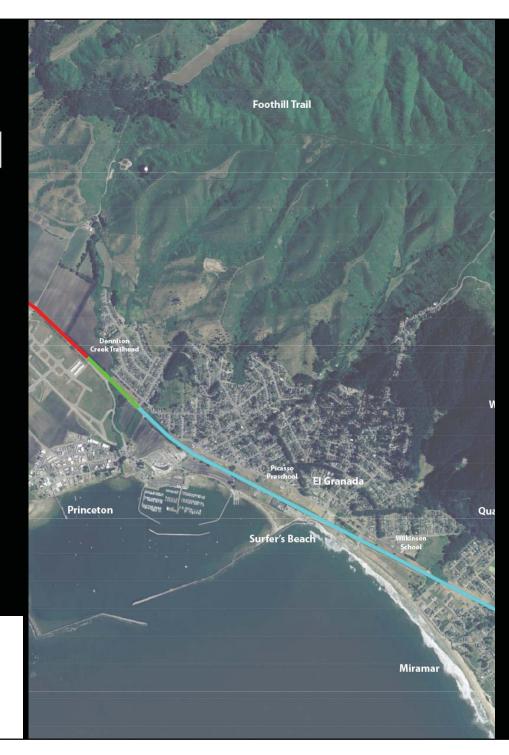
40 MPH Stretch of Roadway

45 MPH Stretch of Roadway

55 MPH Stretch of Roadway



Possble Future Speed Limits



40 MPH Stretch of Roadway

45 MPH Stretch of Roadway

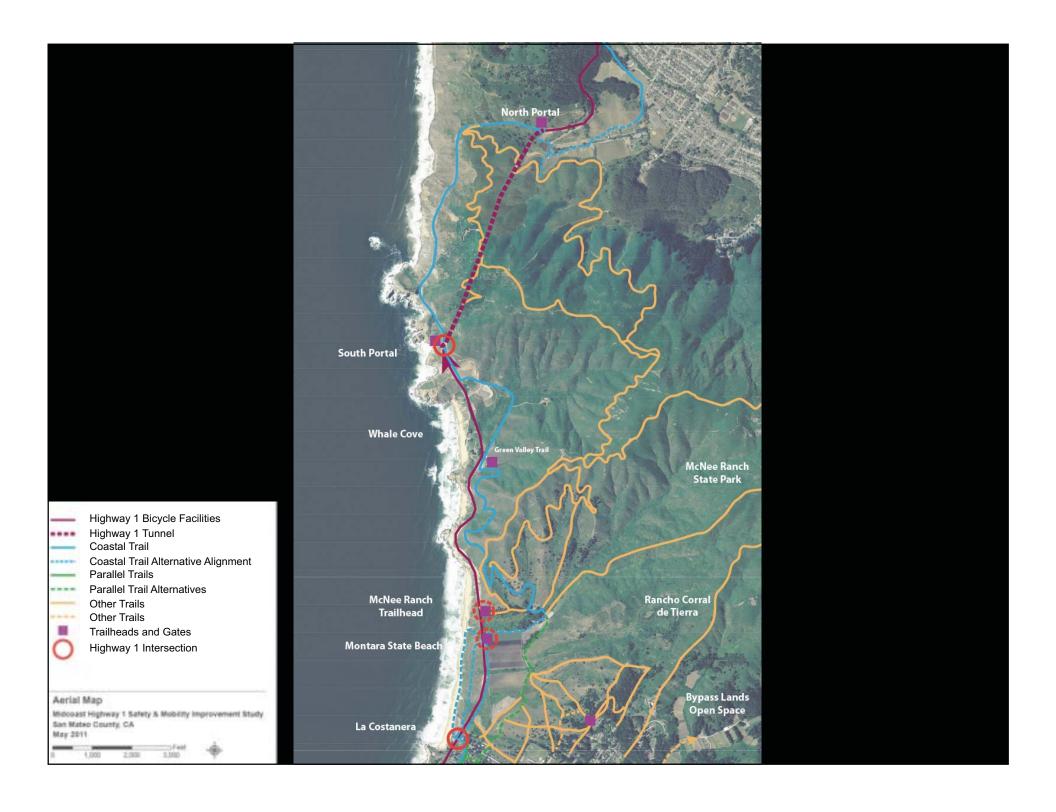
55 MPH Stretch of Roadway

Preliminary Travel Time Analysis

Begin	End	Length		Current Speed	Future Speed	Speed	Time	Current Time	Future Time	Change in Time
		mi	feet	mph	mph	fps	mins	secs	secs	
Montara Lot	No. Montara									
37.05	36.67	0.38	2,006	45		66	0.51	30.40		
37.05	36.67	0.38	2,006		40	59	0.57		34.20	0.00
No. Montara	No. Moss									3.80
36.7	35.95	0.75	3,960	45		66	1.00	60.00		
36.7	35.95	0.75	3,960		40	59	1.13		67.50	- -0
No. Moss	So. Moss									7.50
35.95	34.85	1.1	5,808	50		73	1.32	79.20		
35.95	34.85	1.1	5,808		40	59	1.65		99.00	40.00
So. Moss	No. Airport									19.80
34.85	34.45	0.4	2,112	50		73	0.48	28.80		
34.85	34.45	0.4	2,112		45	66	0.53		32.00	
										3.20
No. Airport			2 2 4 2			•				
34.45 34.45	33.95 33.95	0.5 0.5	2,640 2,640	55	55	81 81	0.55 0.55		32.73	
34.43	33.33	0.5	2,040		55	01	0.55		32.13	_
So. Airport	Capistrano/ Obisbo									
33.95	33.361	0.589	3,110	50		73	0.71	42.41		
33.95	33.361	0.589	3,110		45	66	0.79		47.12	
Capistrano/ Obisbo	Cortez									4.71
33.361	31.96	1.401	7,397	50		73	1.68	100.87		
33.361	31.96	1.401	7,397		40	59	2.10		126.09	
Cortez	Frenchmens Creek									25.22
31.96	30.225	1.735	9,161	45		66	2.31	138.80		
31.96	30.225	1.735	9,161		40	59	2.60		156.15	
										17.35
	Total Time									
	(secs)							513.21	438.64	64.23
	Total Time (mins)							8.55	9.91	1.07

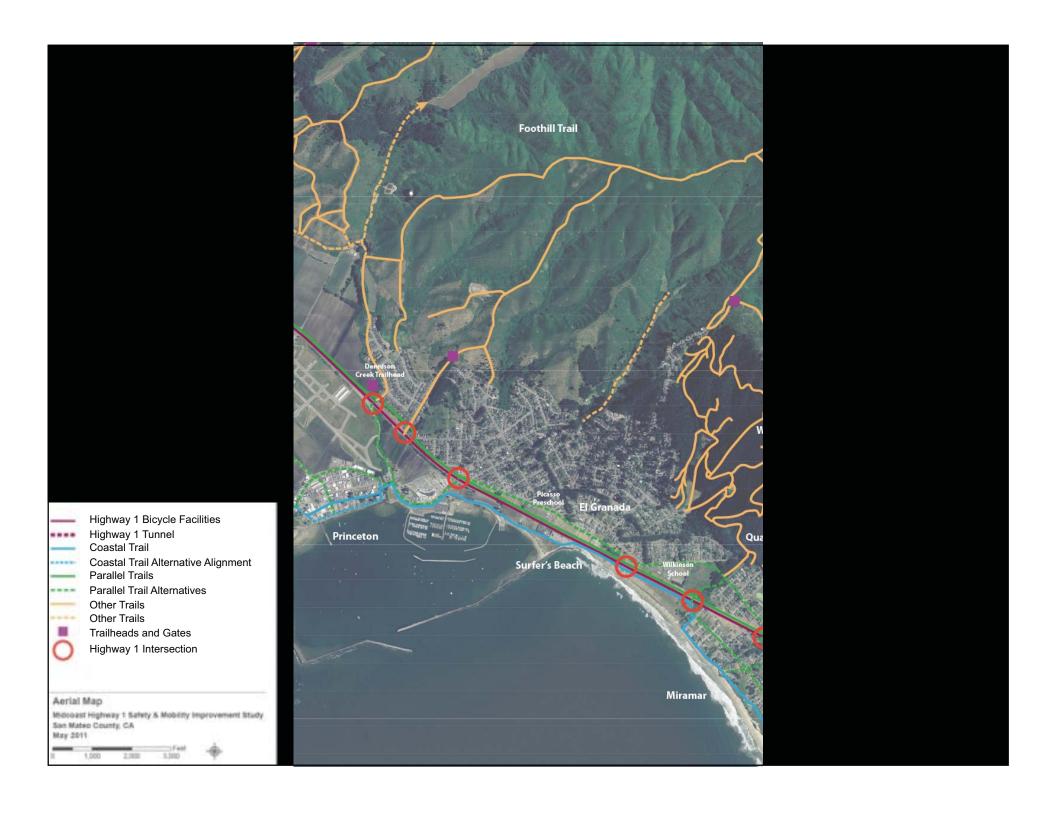
Trails & Trail Systems



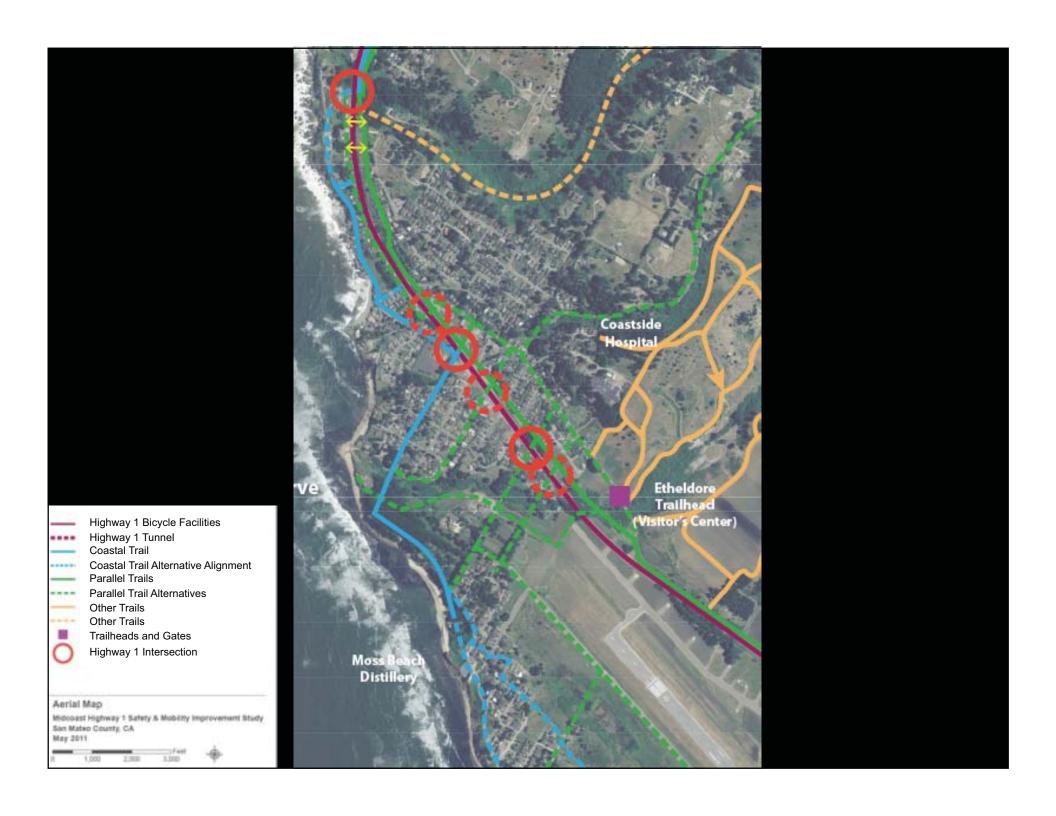






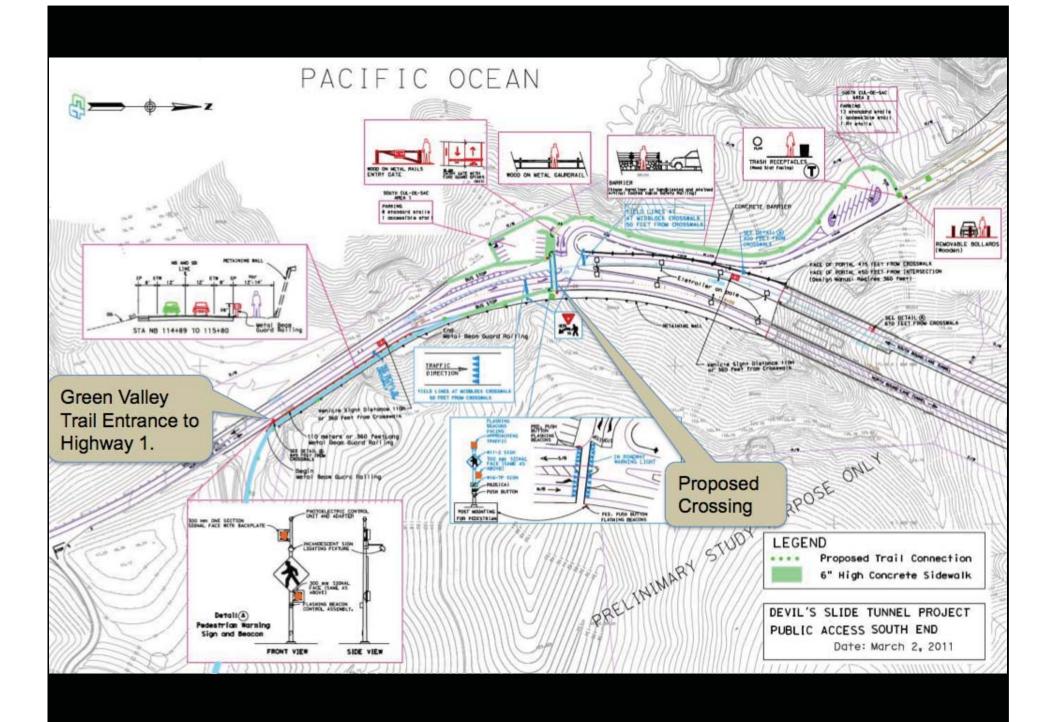






DESIGN PROPOSALS

Devil's Slide

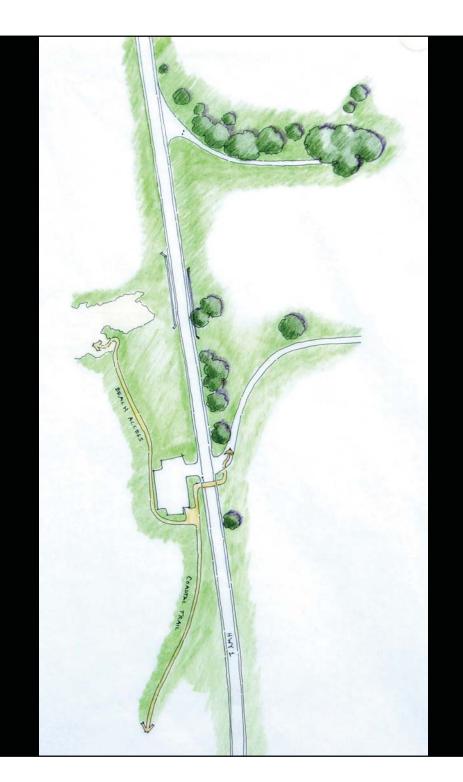


Grey Whale Cove Beach



Highway 1 at Whale Cove Parking

Montara State Beach



North end Montara State Beach

Montara State Beach/Rancho Corral de Tierra Interface: 2 Options Considered

- Option I
 - Consolidated parking across from central beach area for trailhead and beach access
 - Designated pedestrian crosswalk
 - Landscape restoration of existing informal parking area
 - Potential for formalized beach access
 - Connections to new Coastal Trail section

Montara State Beach/Rancho Corral de Tierra Interface:

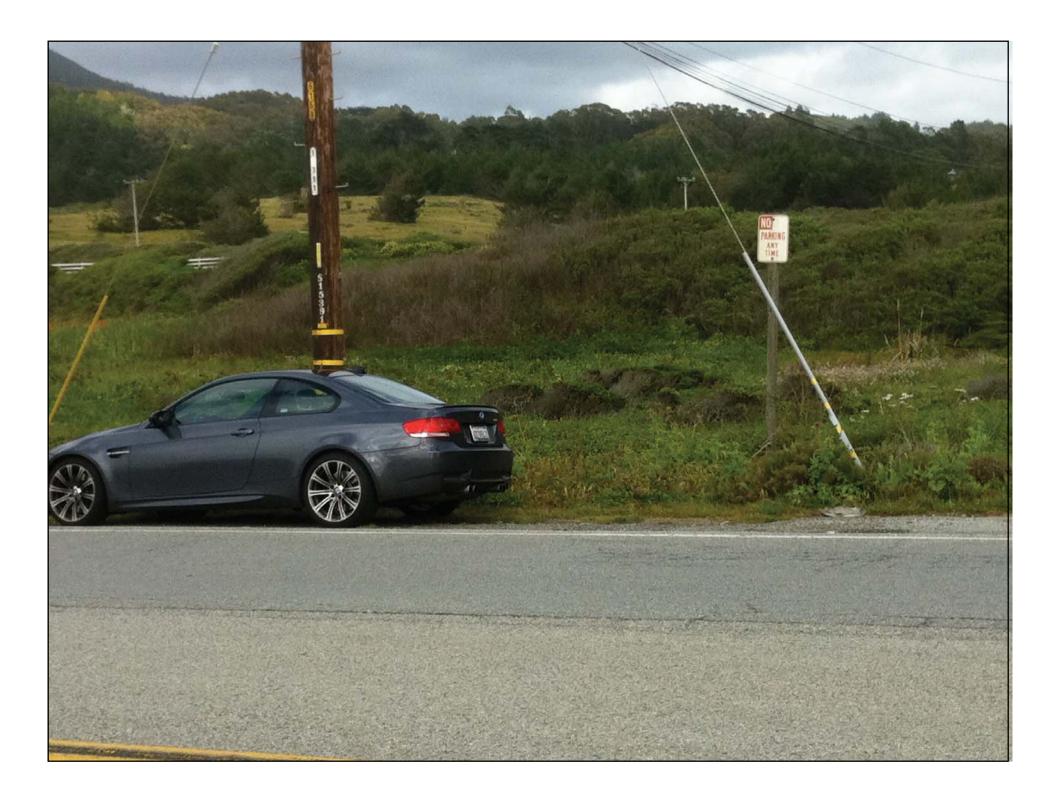
- Option 2
 - Separate parking facilities on either side of the highway
 - Formalized parking on west side of highway - frontage road configuration
 - Potential for formalized beach access
 - Connections to new Coastal Trail section
 - Rancho parking could operate as an overflow facility for beach



Access and Parking Issues: Montara Beach

- Balancing needs of beach, trail, and restaurant users
- Peak use on weekends
- Illegal parking along Highway 1
- Minimal "No Parking" signage or enforcement
- Crossing safety
- Lack of signage/ wayfinding info









Existing Parking Supply: Montara Beach

Montara Beach Existing Conditions	
Beach Parking	Spaces (est.)
Montara State Beach - North Lot	37
Montara State Beach - South Lot	22
La Costanera North Lot (Publicly available until 5:00 PM)	27
La Costanera South Lot (Publicly available until 5:00 PM)	18
Subtotal: Legal Spaces Available for Beach Access	104
Informal Parking: West Side of Hwy 1(Not Sign Restricted)	59
Informal Parking: West Side of Hwy 1 (Signed No Parking)	55
Subtotal: Informal Parking on West side of Hwy 1	115
Total Spaces Available for Beach Access	219

Montara Parking: Option A

Formalize and legalize parking on West Side of Hwy 1 South of Creek



Montara Beach Parking: Option A

Montara Beach Option A: Formalize Parking on West side of	Hwy 1	
Beach Parking		
Montara State Beach - North Lot	37	
Montara State Beach - South Lot	22	
La Costanera North Lot (Publicly available until 5:00 PM)	27	
La Costanera South Lot (Publicly available until 5:00 PM)	18	
Formalized Parallel Parking - West side of Hwy 1*	31	
Subtotal: Legal Spaces Available for Beach Access	135	
GGNRA Parking		
New Off-Street Surface Lot Located 1/4 Mile East of Hwy 1	60	
Subtotal: Spaces Available for GGNRA Trail Access	60	
Total Spaces	195	

^{*}Existing informal parking area on West side of Hwy 1 formalized as parallel parking, with barrier separation from Hwy; one lane, one-way SB access lane extending approximately 600' from a one-way entrance on the North side to a one-way exit on the South end. Note: Assumes location of a GGNRA Trail Access Parking facility located approximately 1/4 mile East of Hwy 1.

Montara Beach Parking: Option B

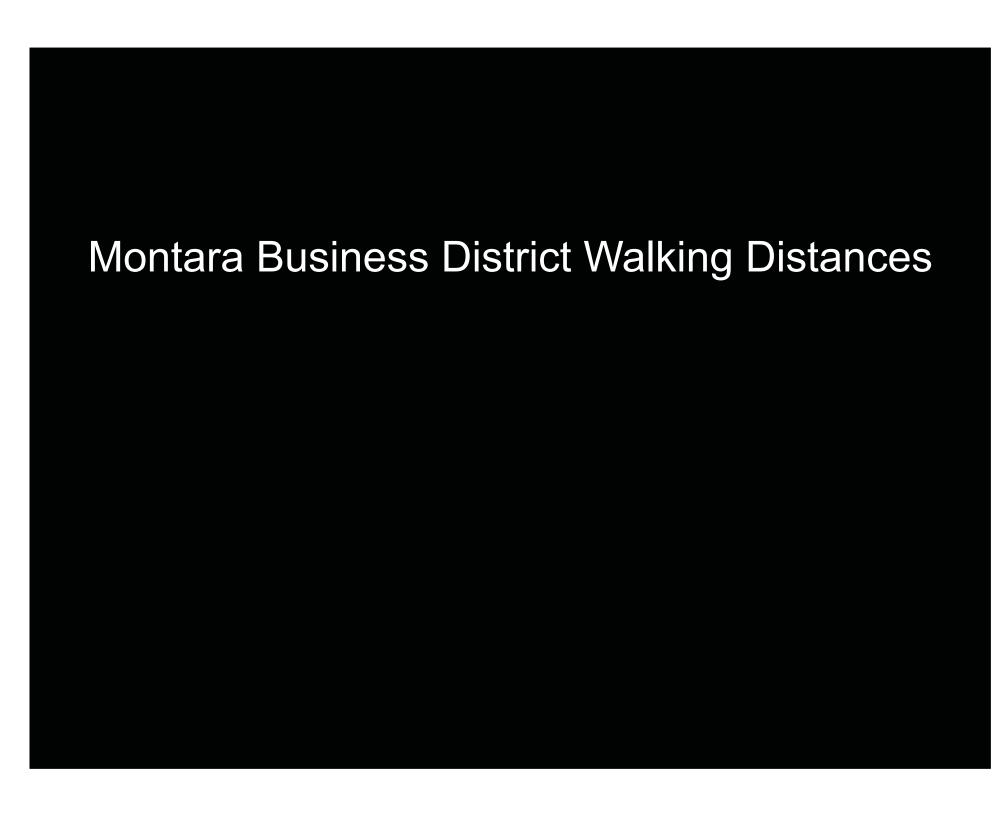
- Locate New Shared Beach Access/GGNRA Trail Parking ¼
 Mile East of US-1
- Restrict parking on west side of US-1 (Replace signage; increase enforcement)

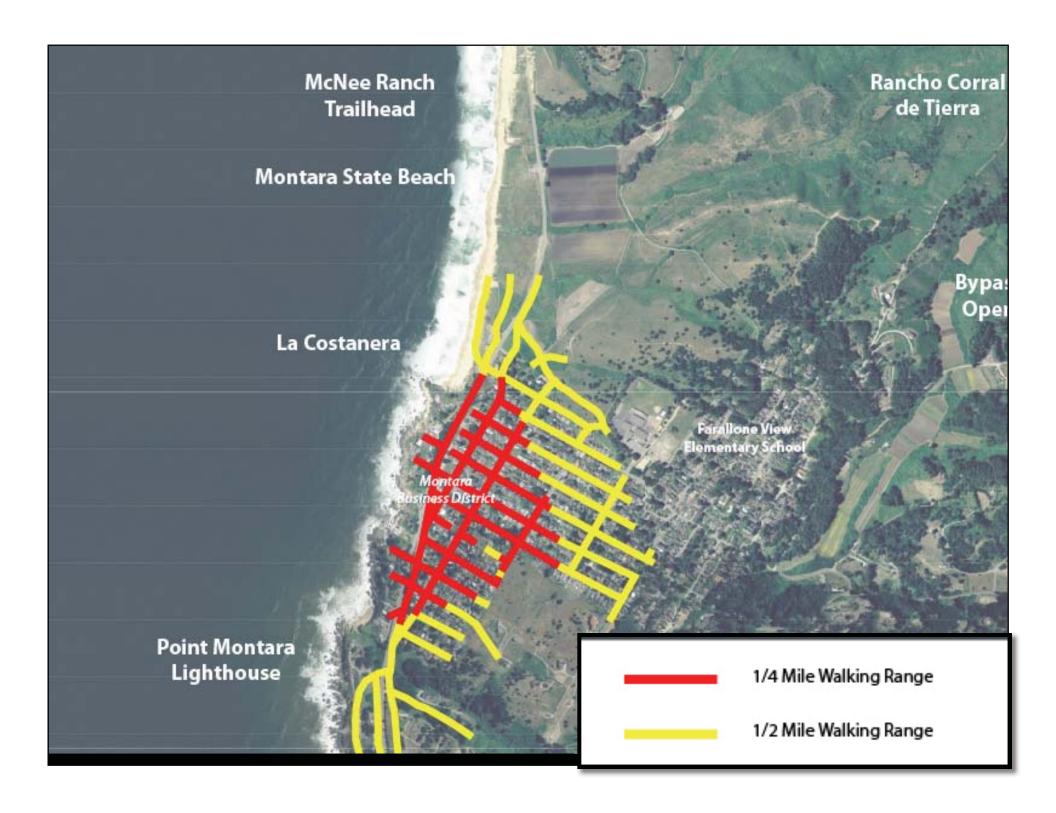
Montara Beach Option B: Locate Shared Beach/GGNRA Parking East of Hwy 1			
Beach Parking			
Montara State Beach - North Lot*	37		
Montara State Beach - South Lot	22		
La Costanera North Lot (Publicly available until 5:00 PM)	27		
La Costanera South Lot (Publicly available until 5:00 PM)	18		
Subtotal: Legal Spaces Available for Beach Access	104		
Shared Beach/GGNRA Parking			
New Off-Street Surface Lot Located Immediately E of Hwy 1 #	60		
Total Spaces Available for Shared Beach/GGNRA Access	164		

^{*}Pursue formalization and expansion of Montara State Beach North Lot if surveys show that utilization at all three parking facilities regularly exceeds 90% occupancy AND if illegal on-street parking remains prevalent.

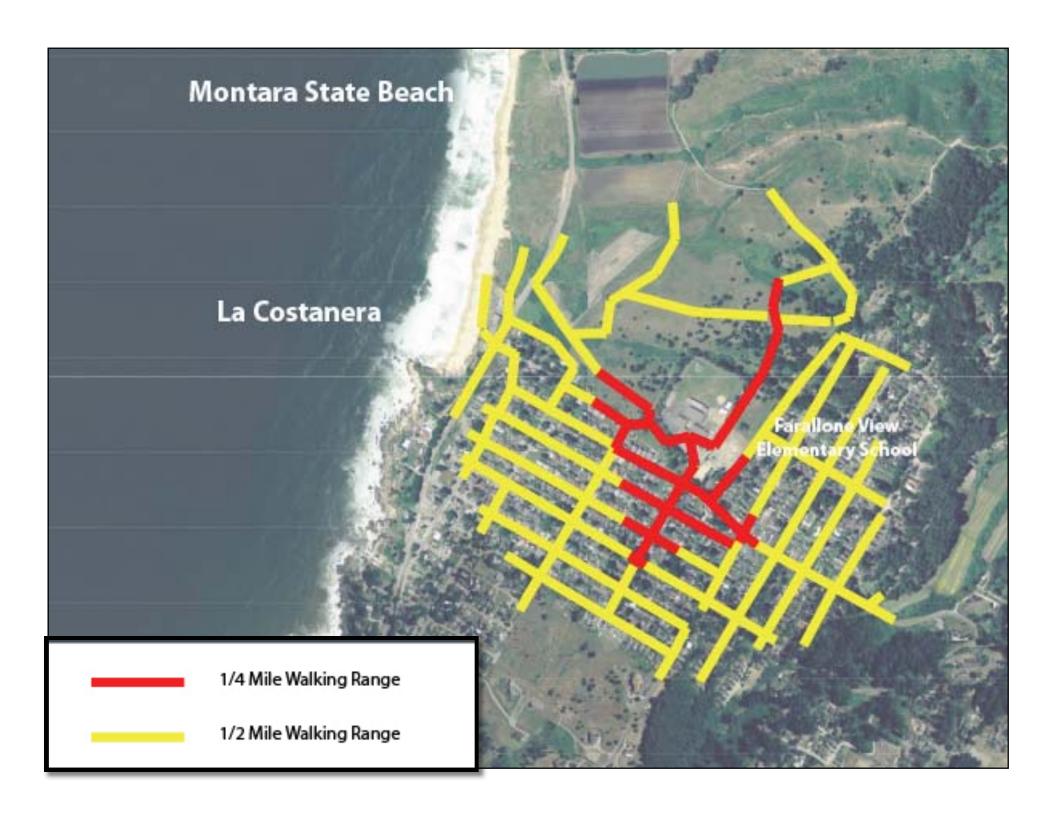
[#] Assumes installation of No Parking Anytime signage, enforcement of parking restriction, and natural restoration of existing informal parking areas on Westside of Hwy 1 from Montara Beach North Lot to La Costanera.

Montara

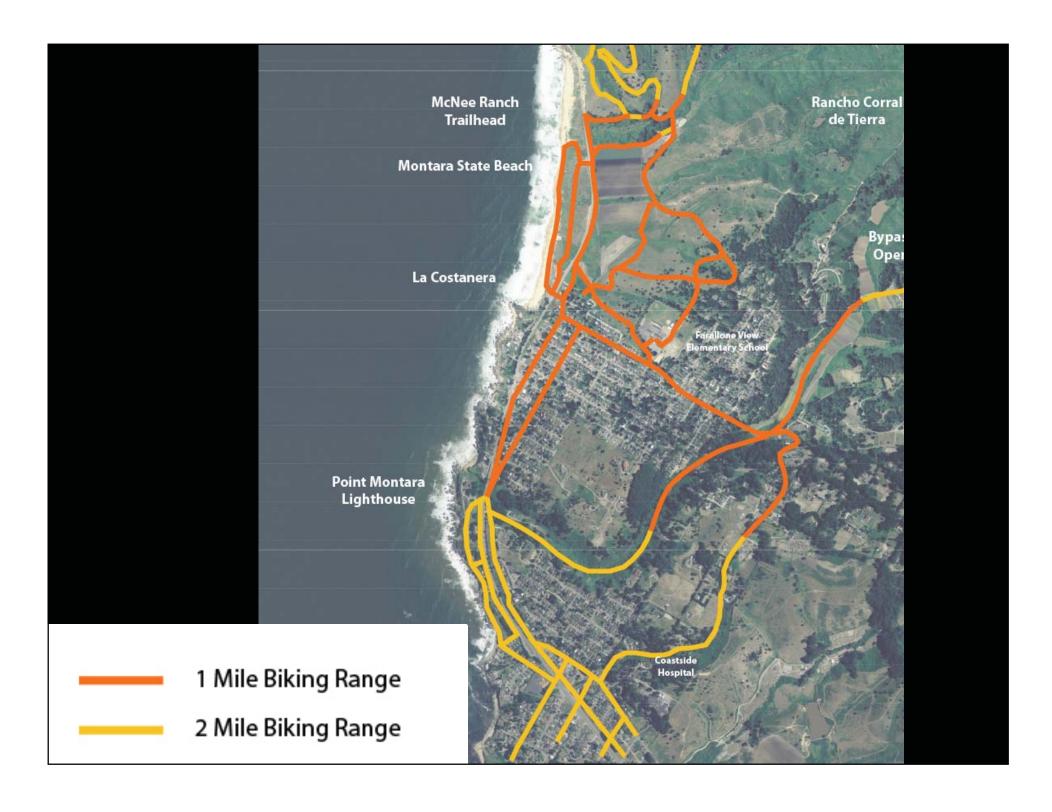




Montara – Farallone View Elementary Walking Distances



Montara – Farallone View Elementary Biking Distances



South End Montara State Beach

- Raised medians from north of 1st street through south of 2nd street
- Restricted access (right turns in/out) to/from northern beach access lot
- Designated pedestrian crossing at 2nd street



South end Montara State Beach

Highway I - Central Montara

- Option I
 - Raised medians from north of 6th Street through south of 9th Street
 - Restricted turning movements at 9th Street
 - Completion of sidewalks along Highway I between 6th and 9th Streets
 - Designated pedestrian crossing at 7th Street

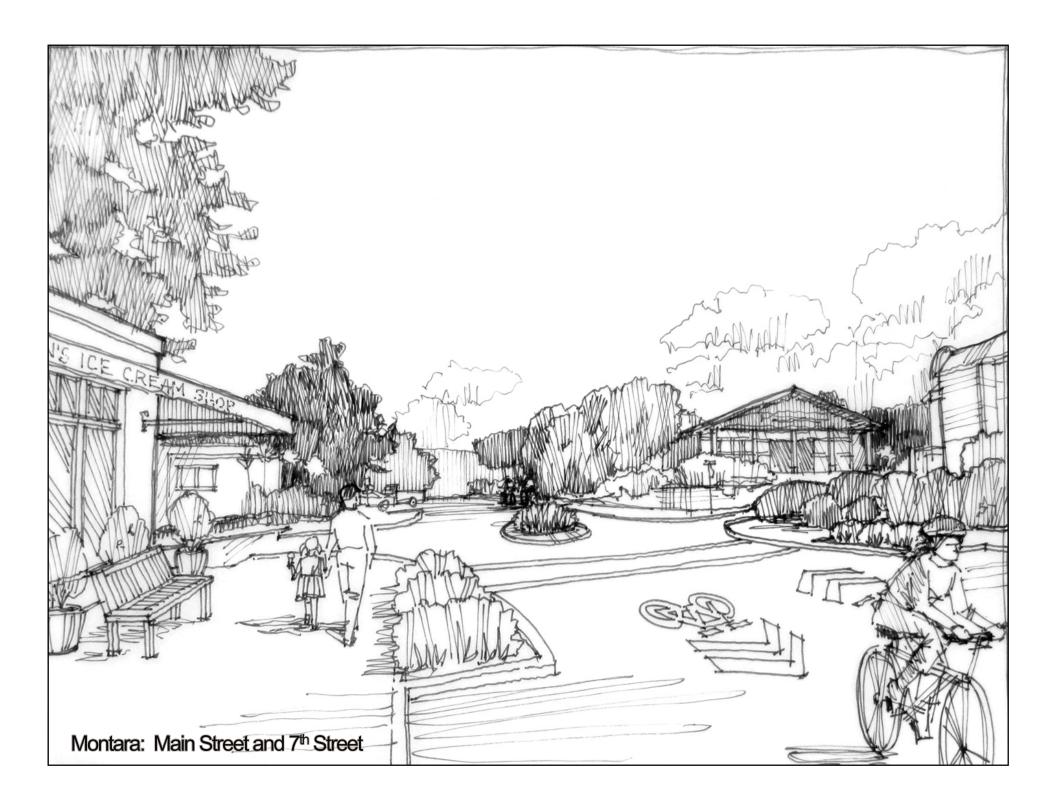
Highway I - Central Montara

- Option 2
 - Raised medians from north of 6th Street through south of 9th Street
 - Completion of sidewalks along Highway I between 6th and 9th Streets
 - Roundabout at 9th Street
 - Designated pedestrian crossing at 7th Street

Main Street - Central Montara

- Completion of sidewalks between 6th and 9th Streets
- Shared bikeway striping & signage
- Mini-circle at Main & 8th Street

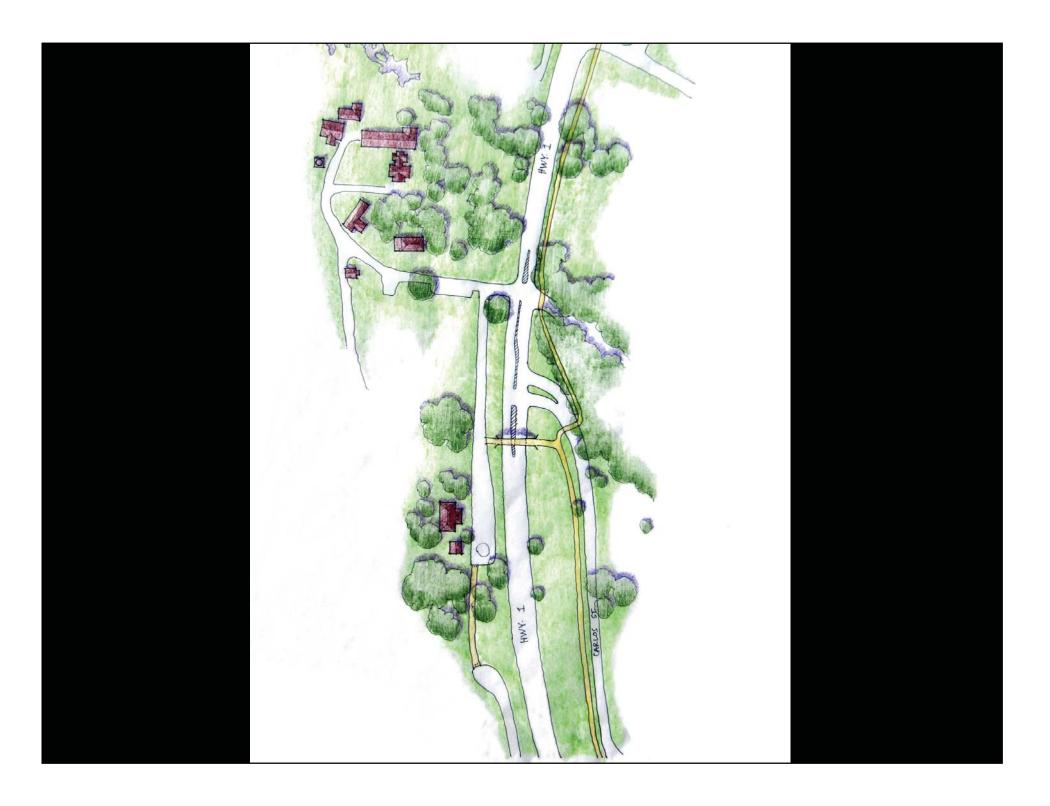


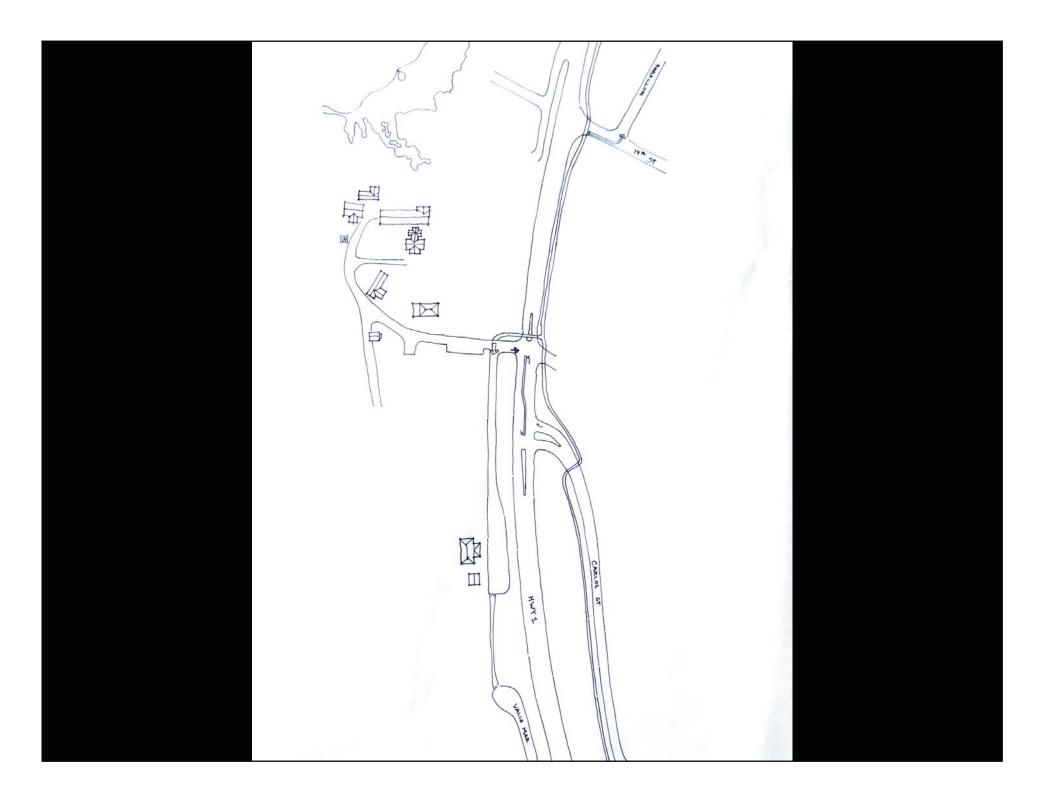


Pt. Montara Lighthouse

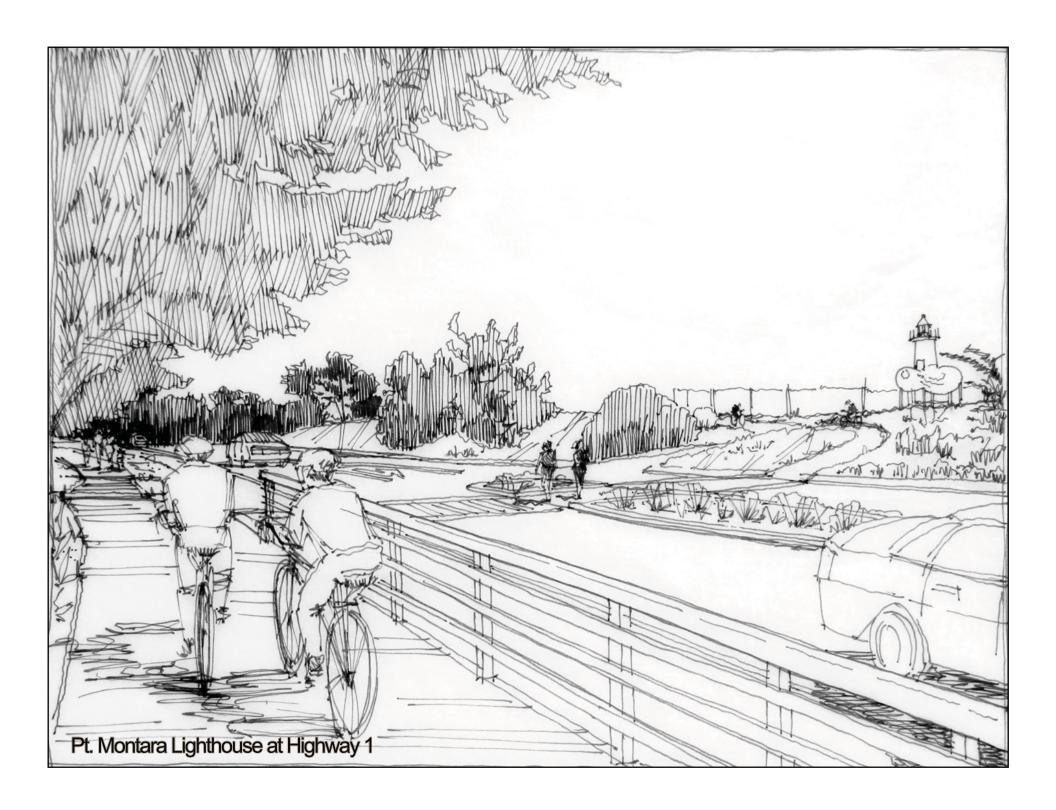
Point Montara Lighthouse 2 Options Considered

- Option I
 - Pedestrian Bridge
 - Raised medians
- Option 2
 - At-grade pedestrian crossing north of Hostel entrance
 - Raised medians



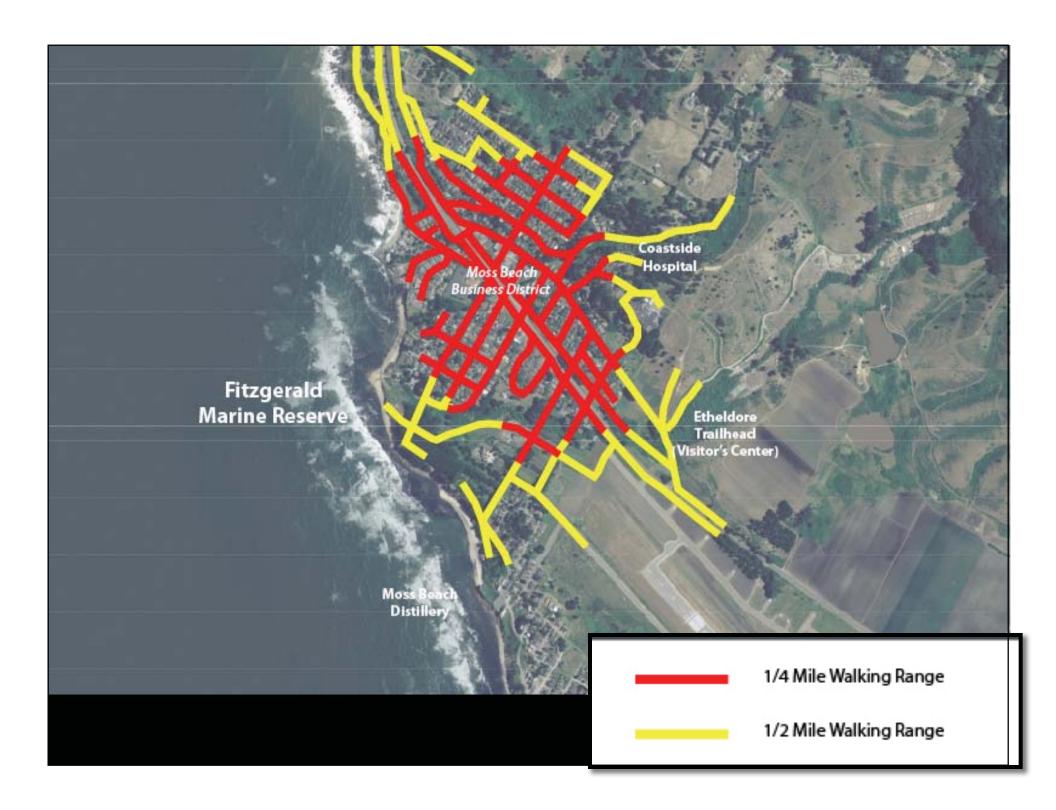






Moss Beach

Moss Beach Business District Walking Distances

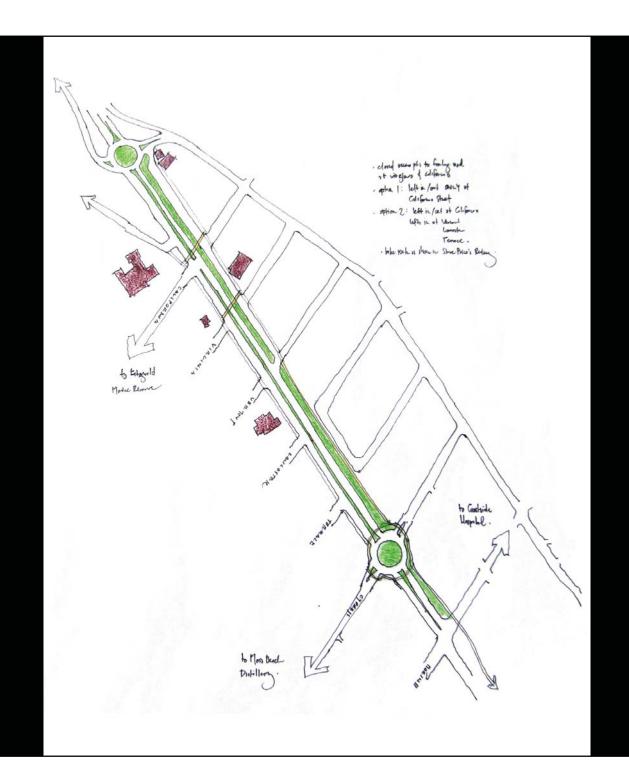


Central Moss Beach 2 Options Considered

- Option I
 - Raised medians between Etheldore and Marine with left turn pockets
 - Designated pedestrian crossings at California,
 Virginia, Cypress
 - Closure of frontage road access between Vallemar/Etheldore and Virginia

Central Moss Beach 2 Options Considered

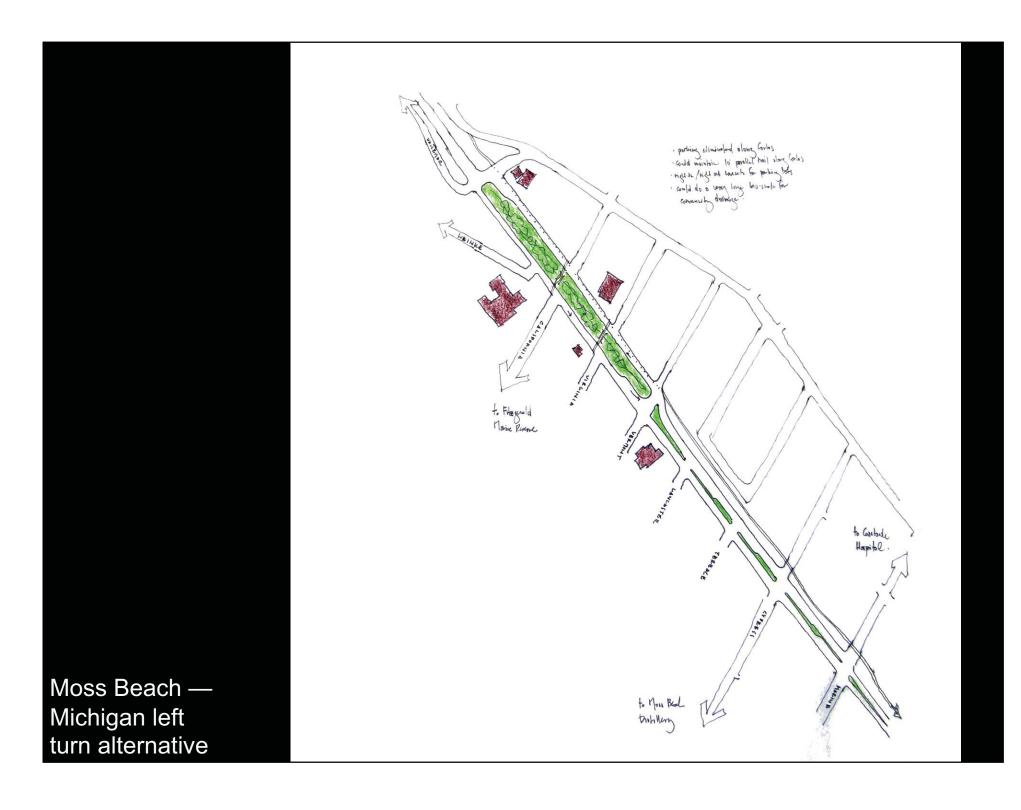
- Option 2
 - Raised medians between Etheldore and Marine
 - Roundabouts at Etheldore and Cypress
 - Restricted turning movements at Virginia,
 Vermont, and potentially Lancaster, Terrace
 - Designated pedestrian crossings at California, Virginia, Cypress
 - Closure of frontage road access between Vallemar/Etheldore and Virginia



Moss Beach — Roundabouts alternative

Central Moss Beach "Michigan Left Turns"

- Is physically possible if both the highway and the frontage road are utilized
- Not recommended as a circulation pattern as northbound traffic would need to be routed along Carlos Street through Moss Beach

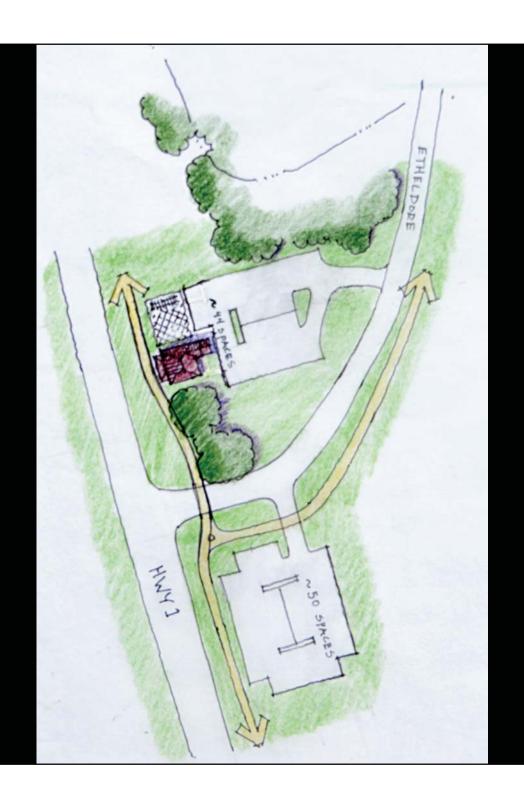






South of Moss Beach Etheldore & Highway I

- Potential location for Rancho Corral de Tierra trailhead
- 2 options considered for parking lot location
- Potential location for GGNRA visitor's center with frontage along Parallel Trail



Etheldore and Highway 1

Access & Parking Issues: Moss Beach



Access & Parking Issues: Moss Beach



Moss Beach Parking: Existing Conditions

Moss Beach Parking: Existing Conditions	Parking Spaces (Est.)
Carlos St: East side, Virginia to California (Parallel)	10
Carlos St: East side, California to Etheldore (Parallel)	26
Carlos St: West side, Virginia to California (Informal Angled)	11
Carlos St: West side, California to Etheldore (Informal Angled)	21
Subtotal: Existing On-Street Parking on Carlos Street	68
Spaces Typically Utilized by Sheriff's Dept. Vehicles	3
Total Effective Supply of Public On-Street Parking Space	65



Moss Beach Parking: Proposed



Source: T. Boulanger, City of Vancouver, WA

Formalization of angled parking on east side increases supply by 26%

Moss Beach Parking: With Formalized Angled Parking	Parking Spaces (Est.)
Carlos St: East side, Virginia to California (Parallel)	10
Carlos St: East side, California to Etheldore (Parallel)	26
Carlos St: West side, Virginia to California (Formal Angled)	17
Carlos St: West side, California to Etheldore (Formal Angled)	30
Total Effective Supply of Public On-Street Parking Space	82

^{*}Assumes up to four on-street parking spaces on California, East of Carlos St are dedicated to Sheriff's Dept. vehicles.

May 26, 2011

Urban Advantage

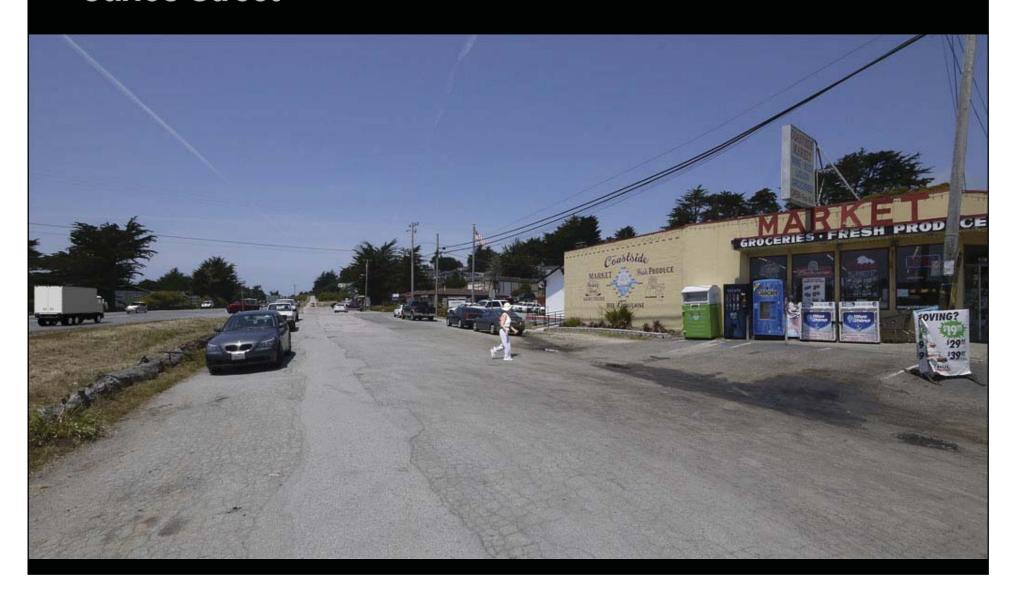
Steve Price, 510 486-0427 www.urban-advantage.com

Central Moss Beach

- Parallel Trail could be routed along eastern portion of median as a Class I Trail in addition to shared bikeway striping along Carlos
- Pedestrian improvements could integrate stormwater management facilities, new sidewalks, landscape improvements, permeable materials

Moss Beach, CA

Carlos Street



Moss Beach, CA Carlos Street



Moss Beach, CA

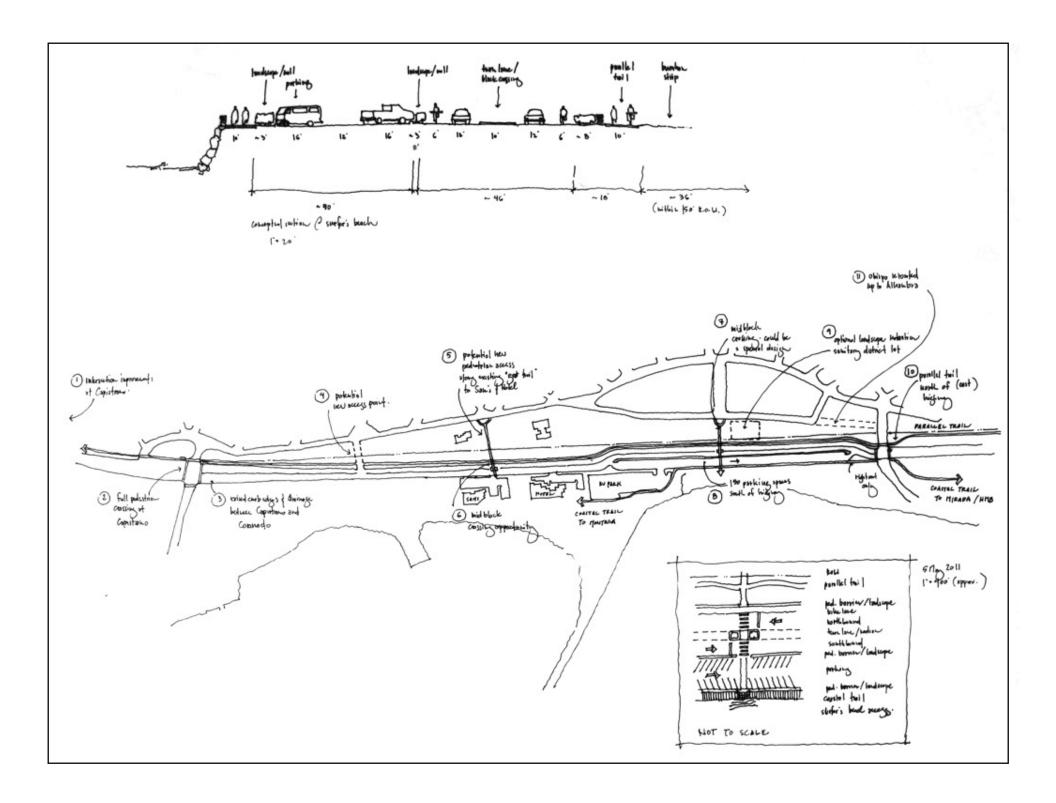
Carlos Street



El Granada

El Granada Option "E"

- Fifth Alternative considered after additional comments from community on 2009 report
- Highway I could be shifted eastward within existing ROW to provide a formalized parking area on the west side of the highway for approx. I50 vehicles
- Option would require management strategies to handle overflow parking and restrict illegal parking along the highway
- Could be coordinated with landscape restoration of the Burnham Strip



Questions/Comments