

Appendix A. Visitor Intercept Survey

Thank you for completing this survey about the Devils Slide Tunnel Area, as was just described to you and shown on the provided map. Your responses will assist those planning for future public use in this exciting new park area, while ensuring protection of fragile resources.

1. Where do you **live**? City: _____, State: _____
2. Circle the option below that best describes the type of **transportation** you used to arrive at this site today.
 - A. Walked from home; B. Drove or rode in car; C. Bicycle; D. Public transportation E. Other (name) _____
3. The Devils Slide area has a number of nearby public recreation areas and parks. At its center is the Devils Slide section of Highway 1 between the communities of Montara and Pacifica. Are you **familiar with the location** of each of the following public parks and recreation areas in the Devils Slide Area, and have you or members of your family **visited** any of these in the last six months?

<u>Park/Recreation Area</u>	I Am Familiar With Location		Visited In Last Six Months	
	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>
A. Sweeny Ridge or Mori Pt.	—	—	—	—
B. Pacifica State Beach (Linda Mar).....	—	—	—	—
C. San Pedro Valley County Park	—	—	—	—
D. Pedro Point Headlands	—	—	—	—
E. Gray Whale State Beach	—	—	—	—
F. McNee Ranch	—	—	—	—
G. Montara Mountain.....	—	—	—	—
H. Montara State Beach.....	—	—	—	—
I. Sawyer Camp Trail at Crystal Springs Reservoir	—	—	—	—
J. Other (describe) _____	—	—	—	—

A tunnel, now under construction, will replace the section of Highway 1 along the high cliffs at Devils Slide. Once completed the old 1 mile Devils Slide section of Highway 1 will be closed to cars, but will open as a paved public trail addition to the California Coastal Trail. At the north tunnel parking area a 5-10 minute walk will be required to reach ocean views on the trail. At the southern tunnel area the trail and ocean views will start from near parking areas. See map.

4. When a paved 1 mile trail following along the old section of Highway 1 at Devils Slide opens **how likely would you visit this new trail**. Circle just one option below.
 - A. Extremely B. Very C. Somewhat D. Not Likely E. Very Unlikely F. Don't Know
5. How desirable to you would be each of the following **facilities** and **information** located at the start or along the new Devils Slide Trail? Indicate how interested you would be in having each of the following available.

	<u>INTEREST IN FACILITIES AND INFORMATION</u>			
	Extremely	Very	Somewhat	Not Interested
Map of trail on sign at trail head	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Information on activities and things to do	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rest rooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Information on history of area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Information on animals, plants, geology and marine resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Map showing other parks in the area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picnic tables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (describe) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. What types of **activities** would you likely undertake during a visit to the new Devils Slide Trail and adjacent area?
 For each option below check the most appropriate box that indicates the **likelihood of participating**.

LIKELIHOOD OF

PARTICIPATING

	Not At All	Somewhat	Likely	Very	Extremely	Don't Know
Bicycling	<input type="checkbox"/>					
Walking/hiking/jogging	<input type="checkbox"/>					
Scenic drive in car	<input type="checkbox"/>					
Dog walking	<input type="checkbox"/>					
Learning about marine resources	<input type="checkbox"/>					
Observing scenery/plants/animals/geology/nature	<input type="checkbox"/>					
Accessing other trails in the area	<input type="checkbox"/>					
Viewing the Pacific Ocean	<input type="checkbox"/>					
Picnicking (at tables and benches)	<input type="checkbox"/>					
Beach activities (e.g. sun bathing, surfing)	<input type="checkbox"/>					
Learning history of area	<input type="checkbox"/>					
Other (describe) _____	<input type="checkbox"/>					

Parking will be limited at trail heads, with only about 17 spaces at the north tunnel entrance and 27 spaces at the southern entrance. A free shuttle bus for more access is being considered from Linda Mar area in Pacifica to the north trailhead.

7. During busy periods, when all parking spaces are full, would you just keep on driving through the area and not visit the new Devils Slide Trail, or would you consider going to Pacifica **to take a free shuttle bus** for a 5 minute non-stop ride to the north tunnel trailhead? How likely are you to take the free shuttle?

	Not At All	Somewhat	Very	Extremely	Don't Know
Likelihood Of Taking Shuttle To Trailhead	<input type="checkbox"/>				

8. There are several recreation areas with access trails that will eventually connect into or near the new Devils Slide Trail. If it was about 1 mile in distance along the new Devils Slide Trail to reach a connecting trail, how likely would you **take one of these other connecting trails**?

	Not At All	Somewhat	Very	Extremely	Don't Know
Know Likelihood Of Taking Other Connecting Trails	<input type="checkbox"/>				

9 Please indicate your **age** by checking one of the following categories.

- 1-17 years; 18-25 years; 26-35; 36-45; 46-55; 56-65; 66-76; More than 76

10. Would you be willing to answer a follow-up **on-line survey about Devils Slide Trail issues and management**?
 If yes, please provide your email address:

Print clearly your email address: _____

THANK YOU! Before you leave, please give completed survey back to the person who gave it to you.

Loc _____; Time _____ Date: _____ __M __F Num. In Group _____ Initials _____

Appendix B Detailed Results From Visitor Intercept Survey

Respondent City of Residence

City

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	7	2.0	2.0	2.0
Alameda	2	.6	.6	2.6
Albany	1	.3	.3	2.9
Atlanta	1	.3	.3	3.1
Berkeley	4	1.1	1.1	4.3
Beverly Hills	1	.3	.3	4.6
Burlingame	1	.3	.3	4.9
can't Read	1	.3	.3	5.1
Canyon City	1	.3	.3	5.4
Charleston	1	.3	.3	5.7
Cheltenham	1	.3	.3	6.0
Cologne	1	.3	.3	6.3
Concord	2	.6	.6	6.9
Cupertino	3	.9	.9	7.7
Daly City	10	2.9	2.9	10.6
Danville	1	.3	.3	10.9
East Palo Alto	1	.3	.3	11.1
Easton	1	.3	.3	11.4
El Cerrito	1	.3	.3	11.7
El Granada	8	2.3	2.3	14.0
El Sobrante	1	.3	.3	14.3
Ellisville	1	.3	.3	14.6
Falls Church	1	.3	.3	14.9
Foster City	1	.3	.3	15.1
Freemont	7	2.0	2.0	17.1
Fresno	1	.3	.3	17.4
Half Moon Bay	5	1.4	1.4	18.9
Hayward	3	.9	.9	19.7
Henderson	1	.3	.3	20.0
Hercules	1	.3	.3	20.3
Hillsborough	1	.3	.3	20.6
La Fayette	1	.3	.3	20.9
Lodi	1	.3	.3	21.1
Menlo Park	1	.3	.3	21.4
Mexico City	1	.3	.3	21.7
Modesto	1	.3	.3	22.0
Montara	12	3.4	3.4	25.4
Moss Beach	4	1.1	1.1	26.6
Mountain View	1	.3	.3	26.9
Mumster	1	.3	.3	27.1
Napa	1	.3	.3	27.4
New Orlean	1	.3	.3	27.7
Newark	1	.3	.3	28.0

Nottingham	1	.3	.3	28.3
Novato	1	.3	.3	28.6
Oakland	10	2.9	2.9	31.4
Pacifica	73	20.9	20.9	52.3
Palo Alto	3	.9	.9	53.1
Penn Valley	1	.3	.3	53.4
Pleasant Hill	1	.3	.3	53.7
Portland	1	.3	.3	54.0
Redwood City	6	1.7	1.7	55.7
Reno	2	.6	.6	56.3
Richmond	1	.3	.3	56.6
Rohnest Park	1	.3	.3	56.9
RWE	1	.3	.3	57.1
S.F.	111	31.7	31.7	88.9
Sacramento	5	1.4	1.4	90.3
San Bruno	6	1.7	1.7	92.0
San Jose	4	1.1	1.1	93.1
San Leandro	3	.9	.9	94.0
San Lorenzo	1	.3	.3	94.3
San Luis Obispo	1	.3	.3	94.6
San Mateo	3	.9	.9	95.4
San Pablo	2	.6	.6	96.0
San Rafael	3	.9	.9	96.9
Santa Barbara	1	.3	.3	97.1
Santa Cruz	2	.6	.6	97.7
South S.F.	1	.3	.3	98.0
Sparks	1	.3	.3	98.3
Stockton	1	.3	.3	98.6
Toroto	1	.3	.3	98.9
Turlock	1	.3	.3	99.1
Walnut Creek	1	.3	.3	99.4
Washington DC	1	.3	.3	99.7
Yuba City	1	.3	.3	100.0
Total	350	100.0	100.0	

Appendix C Follow-Up On-Line Survey

Devils Slide Tunnel Follow-Up Survey



Devils Slide Area, near Gray Whale Cove State Beach, where new trail will replace Highway 1 once tunnel is open.

1

When a paved 1 mile trail following along the old section of Highway 1 at Devils Slide opens how likely would you visit this new trail. Click just one option below.

- Extremely
- Very
- Somewhat
- Not Likely
- Very Unlikely
- Don't Know

2

There are several recreation areas and trails bordering or within walking distance (e.g. less than 1 mile) of the new Devils Slide Trail, which when completed, could eventually enable you to access miles of continuous trails. Would you be more likely to visit the Devils Slide AREA and adjacent parks for recreation once the Devils Slide trail is open than you have visited the area in the past?

- Definetly More Likely
- Likely

- Somewhat
- Not Likely
- Not At All Likely

3

What do you believe would be the two (2) greatest benefits to you from this new Devils Slide Trail?

- A.
- B.

4

What are the two (2) most important new facilities, services or management policies, you feel are needed in order to help best provide you with an outstanding recreation experience in the Devils Slide AREA?

- A.
- B.

5

What do you believe might be the two (2) largest problems associated with the opening of the Devils Slide Trail and associated visitor use?

- A.
- B.

6

Which of the following recreation activities would you most often undertake on and along side the Devils Slide Trail? Click all that apply.

- Riding on Bicycle Built For Paved Surfaces
- Walking/Hiking/Jogging
- Playing With Young Children
- Dog Walking

Observing Scenery/Plants/Animals/Geology/Nature

Viewing the Pacific Ocean

Horseback Riding

Relaxing

Mountain Biking

Learning History of Area

Other, Please Specify

7

On some types of trails conflicts have occurred between different users, such as hikers and horseback riders or joggers and bicyclists. How likely do you think there will be serious conflicts between different users of the 6-10 ft wide paved Devils Slide Trail after it opens? (check one)

Serious Conflicts Extremely Likely

Serious Conflicts Very Likely

Serious Conflicts Somewhat Likely

Serious Conflicts Not Likely

Serious Conflicts Not At All Likely

8

If you believe serious conflicts are at least somewhat likely, what facilities, services and/or management policies should be provided/implemented to lessen user conflicts?

9

Protection of the natural resources along the Devils Slide Trail and

adjacent parks is mandated. What facilities, services or management policies should be provided/implemented to lessen damage to natural resources along the Devils Slide Trail and adjacent parks?

10

What CITY is your primary residence?

11

What STATE is your primary residence?

Appendix D Detailed Responses To Follow-Up On-Line Survey

3. What do you believe would be the two (2) greatest benefits to you from this new Devils Slide Trail?

#	Response
1	A. car free zone B. hiking
2	A. More scenic ocean views B. No car traffic
3	A. Areas to Bike B. Areas for walking
4	A. recreational use B. discovery of the area
5	A. Recreation (hiking, biking, sightseeing, etc) B. Community development
6	A. more beautiful trails B. nice beach access
7	A. Not sure yet. B. Easier access to the same trails I've used prior.
8	A. The views up there are incredible B. I'll be healthier walking more in beauty
9	A. Exercise B. Nature
10	A. New, Safe access to scenery and Coast. B. More recreational opportunities nearby
11	A. Bike access to great views B. Linking existing coastal trails
12	A. Incredible views formerly only accessible at 35mph B. Activites (rollerblading) with few current options
13	A. recreational purposes B. scenic areas
14	A. access to beautiful area B. convenience of travel through the area
15	A. Having a gorgeous hiking trail so close to my home B. Property values enhanced
16	A. nature B. Grey Whale Beach
17	A. peaceful atmosphere B. uninterrupted hiking
18	A. access B. bike riding
19	A. More option for hiking, biking, horse riding, dogs B. diffusion of "tourists" from congested rec areas
20	A. access to mountain biking and running trails
21	A. bike trail B. picnicking
22	A. Ocean vists B. Relatively flat trail for running
23	A. Scenic biking route B. Exploration of the area
24	A. enjoyment B. exercise
25	A. to be able to walk on it now! B. the safety for those who wish not to drive on the
26	A. safer biking
27	A. Enjoyment of Nature B. Better Access
28	A. safety when admiring the view B. preserving access to this section of coast

What are the two (2) most important new facilities, services or management policies, you feel are needed in order to help best provide you with an outstanding recreation experience in the
4. Devils Slide AREA?

#	Response
1	A. trailmaps B. changing area
2	A. beach access B. maps/information of area
3	A. Parking B. Bathrooms
4	A. traffic and parking needs to be addressed B. bathroom facilities
5	A. more multi-use trails (mountain bike) B. restroom @ trailhead
6	A. Trail maintenance B. Sufficient (and safe) parking nearby
7	A. dogs allowed, possible dog enclosure B. good maps
8	A. Unfortunately, parking. B. Benches
9	A. Keep dogs out and protect people from them B. Protect the ocean from plastic and litter
10	A. Bathroom B. Bathroom
11	A. Staging area with Bathrooms & posted Maps. B. Clear expectations for shared use (dog/bike/walk)
12	A. Parking B. restrooms
13	A. Accessible parking B. Sign at trailheads describing policies, history
14	A. bathrooms B. picnic tables
15	A. trail maps B. marked trails
16	A. Clean restrooms. Benches, picnic tables. B. Doggies on leash allowed, but hefty "poop" fines
17	A. Rest Areas B. Food and Drink with a view
18	A. restrooms B. benches
19	A. parking B. hiking trails
20	A. Lots of trash/recycle/bathroom options/cleanliness B. off leash dog area/s
21	A. over night camping on beach B. and camp fires on the beach
22	A. A well maintained path
23	A. Trail maintenance - rock slide repair B. Map of adjoining trails
24	A. restrooms B. drinking water
25	A. Bike Rentals B. Tours
26	A. parking nearby so I can bring older folks and kids B. compatible use for bike/dog access

5. What do you believe might be the two (2) largest problems associated with the opening of the Devils Slide Trail and associated visitor use?

#	Response
1	A. traffic B. don't know
2	A. parking B. getting to grey whale cove with cooler, blankets
3	A. Info about recreation opportunities
4	A. traffic B. parking
5	A. impact on coastal environs B. traffic concerns
6	A. May be too crowded B. Needs sufficient (and safe) parking nearby
7	A. parking
8	A. Traffic B. Over use of trails, etc.
9	A. unleashed dangerous dogs/violent people B. plastic in the ocean
10	A. No Bathroom B. No Bathroom
11	A. Litter B. respect for wildlife/terrian/plants/paths
12	A. sanitation B. litter
13	A. Parking/Access B. Trash or horse manure on trail
14	A. joggers may get in the way of mountain bikers B. vandalism
15	A. over visitation resulting in environmental damage B. vandalism of area
16	A. People who don't pick up poop/pack out trash B. Isolated spot, cell phones don't work = Crime?
17	A. not sure
18	A. trash B. people getting lost
19	A. traffic B. usage
20	A. lurkers/predators/crime B. TRASH/disturbing natural ecology
21	A. after dark policing
22	A. off lease dogs
23	A. people littering B. lack of restrooms
24	A. lack of parking
25	A. Parking B. Rock slides
26	A. the detour for cars and commuting. B. some people will not be happy about the closure
27	A. none
28	A. Litter B. Biker and pedestrian issues
29	A. slides/rockfalls are still probable B. people falling from the cliffs

8. If you believe serious conflicts are at least somewhat likely, what facilities, services and/or management policies should be provided/implemented to lessen user conflicts?

#	Response
1	separate lanes for walking/jogging and biking/skateboarding
2	have rules posted frequently
3	Level heads
4	Patrol the area. Enforce all existing laws. Tell people how many animals die from plastic in the ocean.
5	Police
6	Clear posted policies and expectations.
7	Instructional signs should be posted encouraging all users to walk, bicycle, etc. on the right side of the trail, and the trail should be divided with a yellow line. Horseback riders should be encouraged or required to pick up feces (as dog owners are) to keep the paved trail clean for other users.
8	divided roads; one for joggers, one for bicyclists
9	Pedestrians, both 2 legged and 4 legged, ought to be given the right of way over bicycles, rollerskates/blades. Perhaps a board needed to teach civil behavior at entrance(s).
10	Signs indicating who has right of way on dirt trail. On the paved trail, only bikers, baby strollers and wheelchairs should be allowed. Bikers must be cautioned re strollers and wheelchairs. Bikers should use bells to warn when coming up behind walkers! Plastic bags at several points for dog poop pick-up by owners since not everyone remembers to bring them along. I know nothing about horses, but if they are scared by dogs, maybe they need their own trail?
11	bike lane
12	Clear signs at each end of trail stating what is "ok" and possibly "etiquette rules" ie 1.keep aggressive dogs on leash 2.Leash dogs if horses near by 3.pick up dog poop/throw away trash 4.Pass left shoulder to left shoulder 5.Give pedestrians the right of way etc PS equestrians probably won't use unless there is a NON paved section. pavement is too hard on their legs.
13	enforcement of leash and litter laws
14	i am sorry, but its the people involved not the lack of facilities or policies of the area.
15	Separate marked paths for bikers and hikers
16	designated riding area
17	label bike lanes

9. Protection of the natural resources along the Devils Slide Trail and adjacent parks is mandated. What facilities, services or management policies should be provided/implemented to lessen damage to natural resources along the Devils Slide Trail and adjacent parks?

#	Response
1	ample trash receptacles and/or recycling.
2	Clear paths with reminders to stay on them. Information along the paths about the plants, animals, and ecology of the area.
3	provide adequate trail network for multiple users and clear maps with proper signage
4	Posted signage that clearly describes the obligations of trail users to obey laws and protect the environment.
5	describe why conservation is important near the signs that say to stay on path for conservation
6	Whatever it is, it should be done on foot not by way of a "utility vehicle".
7	Garbage cans that animals can't get into!! Signs telling people how to protect the environment. Enforce the rules and laws!
8	Police
9	Clear expectations re: stay on trail. Restroom access (both ends). Plan for regular clean up of litter.
10	Education, posted information about risks and nature of fragile ecosystem. Habitat restoration programs.
11	No overnight stays allowed. No fires. Trash cans every 1/2 to 1 mile on the trail.
12	park rangers and strict rules about dealing with wildlife and other elements of nature
13	rangers, no motorized vehicles, education about area and especially fragile species.
14	Heavy, enforceable fines for ANY littering or damaging the environment by going off trail, etc. Also, several multilingual signs teaching people what appropriate behavior is.
15	not sure
16	Signs to stay on trails. Clear signs where trail is located so people don't go wandering off. Restrooms will be very important in this respect. Otherwise dog poop and horse manure won't be the only nasty things out there.
17	resource management
18	Signs explaining why people should stay on trail, throw away trash etc Plenty of trash/recycle receptacles Possible closure or warnings during very wet weather Off trail poison oak warnings -scare tactics bathrooms night time closures
19	maintained garbage receptacles
20	no dogs off lease
21	trash recepticals and restrooms
22	Regular safety patrols
23	signs, garbage cans
24	Signs
25	trash receptacles; sanitary facilities; dog feces collection bags; graffiti/vandalism monitoring/remediation; runoff control

Appendix E

Devil's Slide Area Park Managers Survey

Thank you for agreeing to answer this brief survey and assist SFSU complete research on potential uses of and issues related to the Devil's Slide Trail. You received a copy of a draft report on the findings of a recent survey of visitors to the Devil's Slide Area. Please use this report and your experience in the area to answer the following survey. We will integrate your survey responses into our final report. Your name will not be associated with any responses in the final report, unless you give us permission. Use as much space as you need.

1. When a paved 1 mile trail following along the old section of Highway 1 at Devils Slide opens **how likely will a large number of persons actually make a special trip or stop while traveling along Highway 1 and go onto this new Devils Slide trail.** Circle just one option below.

A. Extremely B. Very C. Somewhat D. Not Likely E. Very Unlikely F. Don't Know

2. You work with a park or recreation area bordering or within 1 mile of the new Devils Slide Trail. There are some existing connecting trails to nearby parks and others may be developed which will allow visitors to access several miles of continuous trails. **How likely is it that a large percentage of Devils Slide trail users will also visit your park by either driving to it or using connecting trails?** Check one below and then explain why.

Definitely Likely Likely Somewhat Not Likely Not At All Likely

Explain: _____

3. What do you believe will be the **most common types of recreation undertaken in your park** by new Devils Slide Trail visitors?

Describe:

4. What do you believe might be the **largest problems in your park associated with the opening of the Devils Slide Trail** and associated visitor use?

Explain: _____

5. What will be the **most critical new facilities, services or management policy changes your park management** will likely need to acquire or undertake as a result of new visitation associated with the Devils Slide Trail?

Explain: _____

6. Do you believe there is great potential for conflicts in your park between different trail and park users, such as hikers and horseback riders or joggers and bicyclists associated with the Devils Slide trail? How likely **do you think there will be serious conflicts between different users in your park associated with DS trail use**? (check one & describe)

____ Serious Conflicts Very Likely __ Not Likely __ Somewhat Likely __ Not At All
Likely

Describe: _____

7. If you believe serious conflicts are at least somewhat likely, **what facilities, services and/or management policies should be provided/implemented in your park to lessen user conflicts?**

Explain:

8. Protection of the natural resources along the Devils Slide Trail and adjacent parks is mandated. **What facilities, services or management policies will you need to lessen damage to natural resources in your park related to new Devils Slide trail use?**

Explain:

9. Your name _____, Park: _____ Phone number: _____