
DEPARTMENT OF TRANSPORTATION

District 5
P.O. Box 8114
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TELEPHONE: (805) 549-3111

July 13, 1998
SCR-1-28.6/28.9

Kim Tshantz- Planning Department
County of Santa Cruz
701 Ocean Street, Room 500
Santa Cruz, CA 95060

Dear Mr. Tshantz

Thank you for your inquiry concerning pedestrian safety on Highway 1 in the town of Davenport. We have completed a traffic safety investigative review. This review included an analysis of traffic safety for motorists and pedestrians and consisted of the following:

1. Pedestrian counts between Davenport Ave. and the bus stop north of Ocean Street.
2. Vehicle counts at Ocean Street.
3. Accident analysis through Davenport for the past three years.

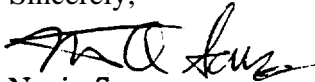
Pedestrians were observed crossing Highway 1 at various locations through the town. They generally exercised caution when crossing, except for tourists exiting buses parked in the wrong direction in the shoulder area of the highway. Corner sight distance is generally good at both intersections. In addition, **traffic** volumes were counted at Ocean Street for a traffic signal warrant check. The volumes for the minor street were substantially lower than the volume required for the warrant. Because the initial count of vehicles and pedestrians were far below that required to meet a traffic signal warrant, the full signal warrant evaluation was not continued. Finally, the accident records indicated there were 8 accidents in the past three years in Davenport. Four of these accidents involved southbound vehicles turning left into **Arros** store. The only accident involving a pedestrian occurred at Davenport Ave. Considering that our count recorded 258 pedestrians crossing on a typical Saturday, between **9:00am** and **3:00pm**, this is a very good pedestrian safety record. We attribute this to the great amount of caution exercised by pedestrians.

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In conclusion, although Davenport **appears** to have a high level of pedestrian activity on the weekends, it has a good safety record. We observed that illegal bus parking and discharge of passengers onto the highway shoulder was a safety concern. We will notify the Highway Patrol about this practice and ask for increased enforcement of the speed limit through Davenport. We will also repaint the existing "Keep Clear" markings along the shoulder and extend them northerly past Arros store in an attempt to discourage parking along the shoulder. In regards to painting crosswalks, it is Caltrans experience that improper placement of crosswalks can lead to a false sense of security by pedestrians and result in a net decrease in safety. Instilling a false sense of security is also a concern with new devices which attempt to illuminate crosswalks with flashing pavement markers. For this reason, we do not consider these advisable on higher speed rural state highways. In addition, placing traffic signals at locations where no warrants are met is likely to result in a lower level of safety.

Summary sheets of the counts taken are included. If you have any questions or would like additional information, please feel free to call Mike Auslam at (805) 549-3 191.

Sincerely,



Nevin Sams

District Traffic Engineer

cc: John Presliegh, County of Santa Cruz

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Pedestrian Counts in Davenport- SCR-1-28.99						
Count Taken 6-13-98						
Time Period	Davenport Ave	Mid Block	Ocean Street	Bus Stop	Total	Comments
9:00am-10:00am	16	15	- 6	0	37	
10:00am-11:00am	3	9	10	20	42	I-Tour Bus
11:00am-12:00pm	21	2	24	17	64	1- Tour Bus
12:00pm- 1:00pm	34	1	23	1	59	
1:00pm- 2:00pm	15	0	25	0	40	
2:00pm- 3:00pm	7	2	8	0	17	
Total	96	29	9 6	38	259	

Notes: Two southbound tour busses parked in the bus stop area on the east side of the road facing the wrong direction. Tourists were observed exiting the buses and wandering onto the roadway, showing little concern for approaching traffic.

APR

weather :
 Counter :
 Counted by:

Caltrans - Dist 5
 Ocean Street
 Davenport
 SCR-1-28.7

ATTACHMENT 11

Site Code : 00000000
 Start Date: 05/19/98
 File I.D. : TURN017
 Page : 1

Vehicle group 1

Date	Southbound				Westbound				Northbound				Eastbound				Total
	Left	Thru	Right	Other	Left	Thru	Right	Other	Left	Thru	Right	Other	Left	Thru	Right	Other	
05/19/98																	
12:00	6	72	D	0	4	0	6	18	2	58	1	11	1	0	0	4	I 183
12:15	5	68	1	0	3	0	4	7	0	40	4	2	0	0	1	1	136
12:30	3	50	0	0	2	1	D	1	0	42	3	0	0	0	1	0	103
12:45	1	61	0	0	I 2	0	1	2	0	32	3	2	0	0	D	0	I 104
Hr Total	15	251	1	0	11	1	11	28	2	172	11	15	1	0	2	5	526
13:00	3	55	1	0	3	0	6	2	0	57	4	0	0	0	0	2	133
13:15	2	65	1	0	2	0	1	1	1	41	2	1	1	0	0	0	118
13:30	1	69	0	0	3	0	4	0	0	69	2	2	0	0	0	0	150
13:45	1	51	1	0	I 3	0	1	2	0	44	2	0	0	0	1	2	108
Hr Total	7	240	3	0	11	D	12	5	1	211	10	3	1	0	1	4	509
14:00	2	57	0	2	1	0	1	1	1	49	4	5	0	0	1	0	124
14:15	3	53	0	3	3	0	4	1	2	51	7	1	2	0	0	3	133
14:30	3	62	1	0	4	0	6	0	0	65	3	2	0	1	0	0	147
14:45	5	40	0	0	1	0	3	2	0	48	2	4	I 0	0	2	5	112
Hr Total	13	212	1	5	9	0	14	4	3	213	16	12	2	1	3	8	516
15:00	2	62	D	0	6	0	3	0	1	52	2	2	0	0	0	0	130
15:15	1	60	0	0	2	0	0	0	0	51	3	2	0	0	0	0	133
15:30	2	81	0	0	1	0	1	2	1	61	4	0	0	0	0	0	160
15:45	0	94	0	0	I 7	0	2	2	1	53	1	0	I 0	0	0	0	160
Hr Total	5	297	0	0	16	0	6	4	3	217	10	4	0	0	0	0	562
TOTAL	40	1000	5	5	47	1	43	41	9	813	47	34	4	1	6	17	2113

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