



SANTA CRUZ COUNTY TRAFFIC OPERATIONS OVERSIGHT COMMITTEE  
AND SAFE ON 17 TASK FORCE

**Wednesday, March 13, 2013  
10:00-12:00**

**San Jose California Highway Patrol  
2020 Junction Ave.  
San Jose, CA 95131**

1. Introductions
2. Additions or Deletions to the Agenda
3. Approve Draft Minutes of the September 12, 2012 Joint TOS Oversight Committee and Safe on 17 Meeting **(Page 3)**
4. Information Items
  - a. FSP Program Update (Ginger Dykaar) **(Page 8)**
  - b. Monterey Bay Area 511 Planning Study Update (Ginger Dykaar) **(Page 10)**
  - c. Articles/Public Feedback (Ginger Dykaar) **(Page 11)**
5. California Highway Patrol – Safe on 17 Program Information
  - a. Review Collision and Enforcement Statistics (San Jose) for the 3rd and 4th Quarters of 2012 and January 2013 (Lieutenant Bishop) **(Page 15)**
  - b. Review Collision and Enforcement Statistics (Santa Cruz) for the 3rd and 4th Quarters of 2012 and January 2013 (Officer Jackson) **(to be handed out at meeting)**
  - c. 2012 Highway 17 Extra CHP Enforcement Hours Public Information Activities (Officer Jackson and Lieutenant Bishop)
  - d. Extra Enforcement Hours for the 3rd and 4th Quarters of 2012 (Ginger Dykaar) **(Page 17)**
6. Major Incident Review (CHP) **(Page 18)**
7. Caltrans District 5 Highway 17 Project Update **(Page 22)**
  - a. Laurel Curve Update (Deb Larson/Mark Ballentine)
  - b. Guardrail/Drainage Projects (Siobhan Saunders)
  - c. Hwy 17 Access Management Plan (Brandy Rider)
  - d. Other Projects
  - e. Maintenance Projects/Updates



8. Caltrans District 4 Highway 17 Project Update
  - a. Wet Weather Project Update (Shawn Enjily)
  - b. Other Projects
  - c. Maintenance Projects/Updates
  
9. Traffic Operations Systems
  - a. Transportation Management Center Update (Ramin Bolourchian)
  - b. Communications Update (Nicole Stewart)
  - c. Maintenance Updates (Caltrans)
  - d. Hwy 1 and 17 TOS Equipment Update (Jacques Van Zeventer) **(Page 24)**
    - i. CCTVs
    - ii. Traffic Detection Equipment
    - iii. Other
  - e. Caltrans QuickMap Update –(Jacques Van Zeventer)
  - f. Bear Creek Ramp Meter Traffic Count (Marshall Ballard, VTA) **(Page 25)**
  
10. Additional Items
  
11. Next Meeting Date: Joint Safe on 17 Task Force & TOS Oversight Committee Meeting – Wednesday, September 11, 2013 10:00 to 12:00 at Santa Cruz County Regional Transportation Commission, 1523 Pacific Ave., Santa Cruz, CA 95060



JOINT MEETING OF  
 SANTA CRUZ COUNTY TRAFFIC OPERATIONS SYSTEMS (TOS) OVERSIGHT COMMITTEE  
 AND  
 SAFE ON 17 TASK FORCE  
**DRAFT MINUTES**  
 Wednesday, September 12, 2012  
 10:00-12:30

**Santa Cruz Regional Transportation Commission**  
**1523 Pacific Ave.**  
**Santa Cruz, CA 95060**

**TOS Oversight Committee and Safe on 17 Task Force Meeting Participants**

- Ramin Bolourchian, Caltrans District 4 TMC
- Matt Olson, Santa Cruz CHP
- Susana Cruz, Caltrans District 5 Public Affairs
- Russell Ellingworth, Caltrans District 5 Maintenance
- Sarah Jackson, Santa Cruz CHP
- Nicole Stewart, CHP Monterey Dispatch
- Donna Ziel, Alternate for Mark Stone, Board of Supervisors
- Marshall Ballard, Valley Transit Authority
- Siobhan Saunders, Caltrans District 5 Construction
- Tom Barnett, Caltrans District 5 Maintenance
- Lt. Bishop, San Jose CHP
- Joanna Fox, Metropolitan Transportation Commission
- Deb Larson, Caltrans District 5, Traffic Safety
- Jacques Van Zeventer, Caltrans District 5
- Richard Blacksten, Caltrans District 4 Maintenance
- Ramona Turner, Santa Cruz Sentinel
- Brandy Rider, Caltrans District 5
- John Thorington, resident near Laurel Rd
- Suzana Page, resident near Laurel Rd
- Andrew Allansmith, resident near Laurel Rd
- Jeanette MacDonald, resident near Laurel Rd
- Erin Howelt, resident near Laurel Rd
- Gregory Smith, resident near Laurel Rd
- Robert Kundus, resident near Laurel Rd
- Larry Lopp, resident near Laurel Rd
- Leilani Davis, resident near Laurel Rd
- George Dondero, Santa Cruz County Regional Transportation Commission
- Ginger Dykaar, Santa Cruz County Regional Transportation Commission

1. **Introductions** – Introductions were made
2. **Additions or Deletions to the Agenda** – none.



### **3. Reviewed and Accepted Minutes of the March 7, 2012 Joint TOS Oversight Committee and Safe on 17 Meeting**

#### **4. Received Information Items**

Governors Highway Safety Award - Sarah Jackson discussed the Governors Highway Safety Association award for the Safe on 17 Task Force.

Ginger Dykaar presented the following items.

Safe on 17 Annual Report – Report was completed in May, 2012 and was sent via email to task force members.

FSP Program Update – RTC needs to secure additional funds in order to continue FSP service on Highway 1 at the current level of service. Hwy 1 Auxiliary Lane project has funded FSP on Hwy 1 this fiscal year through March 2013 as a traffic management measure. Funds are needed for FSP service on Hwy 1 in FY 13/14.

Monterey Bay Area 511 Planning Study Update – An Implementation Plan for 511 Traveler Information is considering using Caltrans QuickMap for the traffic map page in addition to multimodal traveler information such as rideshare, transit trip planning, bike/ped resources and emergency information.

Articles/Public Feedback – Numerous articles were mentioned related to events on Highway 17.

#### **5. Received Update on California Highway Patrol Safe on 17 Program Statistics and Public Information Efforts**

Lt. Bishop stated that the collision statistics for the San Jose side of Hwy 17 for first 8 months of 2012 showed one fatality in April. The number of citations increased in June for both overtime and regular citations.

Officer Jackson stated that the collision statistics for the Santa Cruz County side of Hwy 17 for the first 7 months of 2012 show 1 fatality in March at Laurel Curve. No citations were given out in July due to issues in renewing extra enforcement contract. Captain Olson stated that Highway 17 is a major focus of the Santa Cruz CHP enforcement.

Officer Jackson provided handouts that show total collisions at Laurel Rd by year since 2007. In 2010, 77% of all collisions on Highway 17 were at Laurel Rd. Upgrades at Laurel Rd were completed in 2009. Barrier and signs put in place in March, 2012 have helped to decrease fatalities and major injuries.

San Jose CHP incorporated Safe on 17 materials in driver education classes presented to youth and companies such as Pac Bell. Santa Cruz CHP are in midst of working at the Santa Cruz



County Fair where they offer educational brochures for promoting safety on Hwy 17. Santa Cruz CHP also promotes driver safety through their Start Smart Driver Education classes and media partners who relay their message.

## **6. Caltrans District 5 Highway 17 Project Update**

Laurel Curve Update – Deb Larson discussed the goal of the Traffic Safety Group, which is to reduce collisions and collision severity. Collisions are a result of roadway, vehicle and human factors with the majority of collisions resulting from human factors. In March 2012, a median barrier was placed along Hwy 17 separating NB and SB traffic at the Laurel Rd intersection, a head on curve warning sign was installed in the NB direction north of the Laurel Rd intersection, and a radar speed feedback sign was installed facing SB direction approaching Laurel Rd. A high friction surface treatment was installed on Laurel Curve in the southbound direction in July 2012. This surface treatment should help particularly in wet weather. Water should sheet off this section with high friction treatment without a problem due to the grading.

Other safety program projects under construction are summit slide repair at PM 11, guardrail upgrades at various locations between PM 6.0 and 12.6, concrete guardrail between PM 6.1 and 6.6 SB and Vinehill Wet Weather Improvements between PM 7.0 and 7.3.

Safety projects in the project approval and environmental document phases are crash cushion upgrades between PM 6.7 and 11.8, shoulder widening and concrete guardrail between PM 8.2 and 10.1 and shoulder widening/soil nail wall between PM 9.4 and 10.1.

Candidate Safety Program Projects being considered are southbound right shoulder widening at PM 0.1 to 0.4 and southbound shoulder widening/restripe at PM 16.9 to 17.1.

Hwy 17 Access Management Plan - Brandy Rider discussed how D5 Caltrans is working with D4, CHP, Santa Cruz and Santa Clara Counties and RTC to develop a plan to address access along the entire length of Hwy 17. Public outreach is a key component of the plan. This long term plan is needed to compete for funding to address access issues.

Residents from the vicinity of Laurel Rd explained the access issues they are experiencing now that the median barrier is in place on Hwy 17 at Laurel Rd eliminating access to Laurel Rd from Hwy 17 in the south bound direction and access to Hwy 17 from Laurel Rd going south bound. The distance that they have to travel to get to or from their home is significantly greater. In order to take u-turns to access Laurel Rd, they have to wait on Hwy 17 for much longer periods and they are concerned about their safety. Residents stated that we cannot tell whether the barrier has saved lives or if the signs and high friction treatment have reduced the collisions. Resident asked how many times the barrier has been hit.

Captain Olson stated that it is difficult to track how many times the barrier has been hit as people do not always notify CHP. There are many marks on the barrier. There have not been any u-turn collisions in places where people are turning around to access Laurel Rd.



Residents stated that there is a gentleman that owns property in the vicinity of Laurel Rd and Hwy 17 and will offer it for safety improvements to the area.

Guardrail/Drainage Projects – Siobhan Saunders discussed the safety projects on Hwy 17. The Santa's Village Road project has been completed. Vine Hill Wet Weather project has been completed except for fixing lane markings and other minor issues. Hwy 17 Summit Rd slide repair work will start this fall to put in a retaining wall but should not require lane closures. The Guardrail Improvement Project will be re-advertised this fall as the previous contractor went bankrupt.

## **7. Caltrans District 4 Highway 17 Project Update**

Wet Pavement Project – Ginger Dykaar representing Shawn Enjily stated that the Wet Pavement Project is 95% complete. The remaining 5% of the project is to line the culverts that are under the roadway for water quality purposes. The work will be performed in June of 2013 and will not require any lane closures. Neighbors are pleased that the traffic noise is down due to the pavement. Open grade pavement was laid down to reduce water forming in puddles in wet weather.

## **8. Received Traffic Operations Systems Review**

TMC Update - Ramin Bolourchian stated that the changeable message sign on Hwy 1 near 41<sup>st</sup> sometimes malfunctions. D5 is working to fix this problem.

Communications Update – Nicole Stewart discussed that the new CAD system for Monterey dispatch is up and running. Golden Gate CAD is part of the hub now so communications should be smoother. There is a new system for dispatches in the field that are still resolving minor issues.

Review of CMS Activations Reports and Sigalerts - Ginger Dykaar worked with Nicole Stewart to determine if there is room for improvement on the sigalert and changeable message sign activation times so that sigalerts and CMSs are a reliable source of information to the motoring public. RTC would like to be informed when there is a major incident on our highways so we can respond to questions from the public. Nicole will add RTC to sigalert distribution list along with media for sending out the sigalerts by fax. She will see if there is an efficient way to send sigalerts by email. The current emails that RTC receives are "traffic advisories" from Caltrans and they come later than the sigalerts issued by Monterey dispatch. The chain of communication for an incident is CHP receives a call that there is an incident, CHP arrives on scene, CHP updates dispatch as is feasible, CHP sends out a sigalert if deemed necessary (30 minute delay is minimum), CHP dispatch contacts TMC. Changeable message signs are activated if traffic advisories are needed. CHP will do what they can to issue a sigalert in a timely manner given their first priority is to attend to the safety of the people in the traffic incident.



CHP is considering sending out Nixle alerts that push out information about traffic incidents on the highway to subscribers.

**9. Received Updates on Traffic Operations Systems**

Jacques Van Zeventer from Caltrans District 5 reported that there are many new traffic detectors and CCTVs on Hwy 1 and 17. Map of TOS made by RTC shows locations of the current equipment on our highways.

Caltrans QuickMap – Jacque Van Zeventer discussed “QuickMap”, the newly launched traffic map page that contains real-time traffic speed data, lane closures, CHP incidents, CCTV images and CMS sign messages.

**10. Major Incident Review**

San Jose – Big rig incident hit utility pole which brought power lines down in both directions near Lexington Reservoir. Tanker truck was on fire on Hwy 17 and highway was closed for 7 hrs on SB side and 4 hrs on NB side. Fire sped up the hillside in the middle of the night.

Santa Cruz – There were a number of major incidents in the past 6 months: cement truck incident on Hwy 1 and there were a couple of incidents on Soquel-San Jose Rd that affected Hwy 17.

**11. Received Additional Items**

No additional items.

**Approved Next Meeting Date:** Joint Safe on 17 Task Force & TOS Oversight Committee Meeting – Wednesday, March 13, 2013 10:00 to 12:30 at San Jose California Highway Patrol, 2020 Junction Ave., San Jose, CA 95131

Respectively submitted by

  
 \_\_\_\_\_  
 Ginger Dykaar

**TO:** Safe on 17 Task Force & Traffic Operation Systems Oversight Committee

**FROM:** Amy Naranjo, Transportation Planner and Ginger Dykaar,  
Transportation Planner

**RE:** Santa Cruz County Freeway Service Patrol Program Update

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## **RECOMMENDATIONS**

Receive an update on the Santa Cruz County Freeway Service Patrol Program.

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## **BACKGROUND**

The Santa Cruz County Regional Transportation Commission (RTC) operates the Freeway Service Patrol (FSP) program in Santa Cruz County. This program consists of two tow trucks patrolling Highway 1 from Highway 9 to State Park Drive and Highway 17 from Granite Creek Road to the Santa Clara County Line. Both highway segments are patrolled during weekday commute periods. Traditionally, the Highway 17 segment is also patrolled on Sundays from 1:00 pm to 7:00 pm all year round and Saturdays from 1:00 pm to 7:00 pm during the summer. For the past few summers, Hwy 1 has also been patrolled from 1:00 to 7:00 pm on most Saturdays and Sundays. FSP tow trucks remove disabled vehicles from the highway at no cost to the motorists. The FSP program is designed to reduce congestion, improve safety, and reduce fuel consumption and auto emissions by minimizing the congestion associated with collisions and other incidents.

## **DISCUSSION**

### ***FSP Funding***

Caltrans allocates funds to each FSP program based on a formula that includes population, freeway lane miles and congestion (daily vehicle-hours of delay). Caltrans requires a match of 25% from the administering agencies to support the FSP program. Historically, the FSP matching funds from Santa Cruz County have been about 50% and have been funded from a variety of sources including Santa Cruz County's regional share of State Transportation Improvement Program (STIP) funds, Service Authority for Freeway Emergency (SAFE) funds, American Recovery and Reinvestment Act (ARRA) funds and Regional Surface Transportation Program (RSTP) funds. Matching funds for FSP for FY 13/14 have been secured from RSTP funds.

### ***Highway 1 and 17 FSP Contract***

The procurement process to contract tow operators for FSP service on Highway 17 and on Highway 1 for the next contract period has begun. The current contract with Ladd's towing for FSP service on Highway 1 and 17 has been extended through

September 2013 to allow additional time for procuring a new contract. The procurement for FSP service on Highway 17 and Highway 1 from September 2013 through July 2017 will coincide in order to reduce staff time needed for the procurement of FSP services and to potentially increase the number of tow operators that will bid on the contract. Potential bidders can bid on providing FSP service for either Highway 1 or Highway 17 or both. Staff will release a request for proposals (RFP) for FSP service on Highway 1 and 17 in March 2013. An Evaluation Committee will be reviewing the proposals and recommending a bidder to our board at the June 2013 RTC meeting.

## **SUMMARY**

Matching funds for FSP service on Highway 1 and 17 for FY 13/14 have been secured from RSTP funds. The procurement for contracting a tow operator for FSP service for the next 4 year contract period (September 2013 through July 2017) has begun. A request for proposals will be released in March 2013.

*S:\TOS\TOS2013\March\FSPProgramUpdate.doc*

**TO:** Safe on 17 Task Force & Traffic Operation Systems Oversight Committee

**FROM:** Tegan Speiser, Senior Transportation Planner  
Ginger Dykaar, Transportation Planner

**RE:** Monterey Bay Area 511 Traveler Information System Update

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## **RECOMMENDATION**

Receive an update on the 511 Monterey Bay Area Traveler Information System.

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## **BACKGROUND**

The Santa Cruz County Regional Transportation Commission (RTC) and the Transportation Agency for Monterey County (TAMC) received a Caltrans Partnership Planning grant to prepare a Feasibility Study and Implementation Plan for a Monterey Bay Area 511 Traveler Information System. A wide range of traveler information can be provided over a 511 system, including real-time traffic conditions on highways and roads; transit schedules; carpool matching services; bike/pedestrian resources; and transportation impacts from weather, special events and emergency situations.

Traveler information systems can benefit the transportation system and its users by optimizing the use of the existing transportation infrastructure enabling people to make more informed choices for how and when they travel, providing easy access to traveler information in a single location, fostering sustainability and reducing greenhouse gases, and enhancing the economy by helping to move residents, visitors and goods more efficiently.

## **DISCUSSION**

RTC and TAMC are considering partnering with Caltrans and embedding the Caltrans Quickmap onto a 511 regional traveler information website. QuickMap provides a real-time traffic map page that includes traffic speeds, CHP incidents, lane closures, changeable message signs, and live traffic cameras. A 511 website would also provide multimodal information such as a transit trip planner, rideshare information, bicycling and pedestrian resources and emergency information. This will be the most suitable, cost-effective way to deliver 511 services to the Monterey Bay region.

## **SUMMARY**

Embedding Caltrans Quickmap onto a 511 regional traveler information website along with multimodal and emergency transportation information could be a cost effective way to provide traveler information to the residents and visitors to Santa Cruz County.

## Land donation could key Highway 17, Laurel Road safety fixes

By Ramona Turner

Posted: 09/18/2012 08:32:32 PM PDT

SCOTTS VALLEY - Phil Velie wants to do what's safest for the community - both those who live and commute in the area of Highway 17 and Laurel Road.

Velie owns 300 acres of open space on the southeast side of the intersection and is in the process of subdividing a small portion of it so homes can be built there.

Rumor among mountain residents is he is willing to donate a portion of the land alongside the highway toward the cause of improving safety there.

Residents want the removal of a controversial temporary median Caltrans installed in March after a fatal collision in which a motorist lost control of his vehicle and crossed over the double yellow line, striking another vehicle head-on.

"I need to talk to Supervisor John Leopold in regard to what they are willing to do," he said. "We will cooperate but we need a plan before we talk about donations. We are very willing to work with the county and Caltrans with whatever they want to do there."

Velie and Leopold spoke briefly on the topic about three months ago but nothing further has come of it, Velie said.

"I initiated call to Leopold," he said, noting that he hasn't heard from Caltrans, only from mountain residents seeking his help to regain full access to Highway 17.

However, Leopold told the Sentinel that the conversation needs to take place between Velie and Caltrans.

Caltrans is embarking on a year-long study to determine whether an overpass or underpass would work here, he said, while noting the process will be long and the cost will be high. About \$26 million has already been spent on safety improvements along the corridor since 1999, he said. Also note that Caltrans is spending \$30 million to build an overpass at Highway 1 and Salinas Road to end left turn-related collisions there.

The Caltrans study will include looking at the role county roads will play in making the area safer for motorists, added Leopold. During this process, he "will work very hard to make sure the public gets a chance to weigh in," he said.

When the state transportation agency installed the barrier, there was no community input to explain its impact on the neighboring community, said Leopold.

"The experiences of people living along Highway 17 needs to be taken into account," he said.

When it installed the median, it ended residents and visitors ability to make left turns from either the highway onto Laurel and vice versa. Instead, they must drive in the opposite direction to the next left turn pocket and wait for traffic to ease up so they can safely make a U-turn, something residents and Leopold described as a "white knuckle" experience.

While those who must make the U-turn feel it is unsafe and places their lives in danger, the California Highway Patrol reports there have been no reports of U-turn-related crashes on the highway. The agency also noted that in 2010, calls for service at the Highway 17 at Laurel amounted to 77 percent of those for the entire county. So far this year, those calls have dropped to 30 percent, said spokeswoman Officer Sarah Jackson.

"It's better and safer now in my opinion than before," Velie said of the wall. "Though, it is inconvenient for the residents."

While the numbers are looking good for now, Leopold said he hopes the mountain residents who are bravely trying to make U-turns several times daily along the highway to get their children to and from school in the Scotts Valley Unified School District don't become crash statistics themselves.

January 04, 2013 12:49 PM

Dear Mr. Farr,

Two weeks ago i was traveling 17N in the slow lane and spun out in Laurel Curve in light rain. i was going about 40-45 and slowing-braking when i started spinning like a top! and the fast lane cars were doing 55. The retired Sheriff that lives these says "there are too many accidents collisions and spinouts all the time at Laurel Curve, gives me something to do in retirement". The CHP officer said the same. The Rossi tow truck driver said the same. It is going to cost me out of pocket to fix my front and rear bumpers that hit the center divide about \$9000. , in the slow lane, slowing down and touching my brakes may have started my car spinning like a top.

I know there has been a 17 corridor study group for years, but i don't see 17 sanded more often, like this morning here in san jose , the 30th of Dec 2012 , the first morning we have frost on the lawn and all the roofs of s. willow glen. I was going to go to the Sunday ukelele club performance at Capitola's beach bandshell but seeing the frost here i figured there might be black ice on 17 and stayed at parents in san jose. It snows on 17 occasionally and they have to get out the plows so i know CalTrans has vehicles nearby. Let's use them more often , sand 17 often, and maybe make it much safer!

My folks have a weekend house at 412 mccormick, capitola and i live in Burlingame when i am working so i am constantly driving 17 and wish you could get CalTrans to at the very least sand Laurel Curve regularly in the autumn and winter, and more of 17 if possible , like the big right turn over the summit N. bound. Sand is so abundant and there are sand quarries, so why is 17 after being repaved and the median improved "still extremely slippery even in light rain without hydroplaning" according to the CHP officer and the Rossi tow truck driver?

I hate to think of all the accidents and car damage waste going on that could be prevented if 17 was sanded regularly. The tow truck driver also recommended a night/rain time speed limit of 40 max for all of 17, which was my speed so i don't think that alone is the answer. Again, i was in the slow lane ,and slowing-breaking in Laurel Curve. The last time i drove it last week i was in the slow lane at 35mph and no sand.

I also wish we had accident and spinout mapped stats for all highways and freeways so we the driving public could go to a website and see day to day and week to week, yearly, where accidents seem to cluster, like at Laurel Curve, i am now told. Any help you could give to make tourist and resident commute travel over hwy 17 safer would be greatly appreciated.

On another subject, i don't understand how the rich areas like Depot Hill in Capitola the the Santa Cruz Harbor neighborhood rate permit parking that costs the public that paid for the roads, not just the residents in houses that by law must have car parking private property areas. There are neighbors on McCormick who put out barricades to keep the public from parking in legal spaces on the side of the residential no-curb public road and act/say that the road in front of their house is "their private parking space and no one elses." They post permanent "no parking" signs. I have had my car damaged at night by one of these kooks for parking in front legally of their house in San Jose. We know who they are and tell new residents to beware of these adamantly confused people. This issue also needs your help, both in Capitola, Santa Cruz and San Jose.

Thank you for your time,

Sincerely,

d.g. van arsdale

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01/11/2013 01:07 PM

Hello,

My name is Susan Page and I live on Laurel Road. I had a very frightening experience and need help. I was coming home from SJ at about 9:30 PM and making my left at Sugarloaf to make my U Turn to go back to Laurel Road.

There had been heavy rain for a couple of days, but it was not raining then.

What happened is, there were NO markers/lines visible to show me where to position my car in the middle of Highway 17 to make my left turn. As there was mud completely covering the white line on my right and the yellow line on my left.

The good news is there were no cars coming from south to north at that time, so I was able to just make the turn. If I had cars whizzing by me on either side, it could have been a very dangerous situation.

There are a few reflectors on the yellow line on my left just at the very beginning of that yellow line, **but we must have reflectors on both sides to outline where to position our cars if the road is covered with mud.**

Also, can you please update me about what is happening to make Laurel Road and 17 safe and open?

I look forward to your response.

Thank you very much!

Susan Page

408-981-9737

Santa Cruz County Collision and Citation Statistics will be handed out at the meeting

**San Jose Area CHP Collision Summary for SR-17 (Beat 171)**

		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
JANUARY	PDO	53	25	24	13	9	12	18	11	19	11	8	5	9	17	6
	INJURY	17	15	8	2	2	5	8	3	2	6	5	4	4	3	3
	FATAL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>70</b>	<b>40</b>	<b>32</b>	<b>15</b>	<b>11</b>	<b>17</b>	<b>27</b>	<b>14</b>	<b>21</b>	<b>17</b>	<b>13</b>	<b>9</b>	<b>13</b>	<b>20</b>	<b>9</b>
FEBRUARY	PDO	31	23	32	7	11	8	11	10	7	14	14	12	6	11	8
	INJURY	6	14	10	2	5	2	7	5	4	6	6	6	5	2	3
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>37</b>	<b>37</b>	<b>42</b>	<b>9</b>	<b>16</b>	<b>10</b>	<b>18</b>	<b>15</b>	<b>11</b>	<b>20</b>	<b>20</b>	<b>18</b>	<b>11</b>	<b>13</b>	<b>11</b>
MARCH	PDO	29	18	20	20	5	17	10	19	13	11	5	14	11	17	12
	INJURY	18	9	7	5	5	5	9	3	3	3	3	2	5	4	1
	FATAL	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>47</b>	<b>27</b>	<b>28</b>	<b>25</b>	<b>10</b>	<b>22</b>	<b>19</b>	<b>22</b>	<b>16</b>	<b>14</b>	<b>8</b>	<b>16</b>	<b>16</b>	<b>21</b>	<b>13</b>
APRIL	PDO	24	15	23	12	16	16	9	11	15	5	8	10	9	10	16
	INJURY	11	7	3	3	4	7	5	4	7	7	3	5	6	3	5
	FATAL	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1
	<b>TOTAL</b>	<b>35</b>	<b>22</b>	<b>26</b>	<b>15</b>	<b>20</b>	<b>23</b>	<b>14</b>	<b>15</b>	<b>23</b>	<b>12</b>	<b>12</b>	<b>15</b>	<b>15</b>	<b>13</b>	<b>22</b>
MAY	PDO	40	16	27	16	9	5	13	13	10	5	5	16	11	10	11
	INJURY	14	3	10	5	3	2	6	6	7	0	7	5	4	4	2
	FATAL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>54</b>	<b>19</b>	<b>37</b>	<b>21</b>	<b>12</b>	<b>7</b>	<b>20</b>	<b>19</b>	<b>17</b>	<b>5</b>	<b>12</b>	<b>21</b>	<b>15</b>	<b>14</b>	<b>13</b>
JUNE	PDO	19	16	17	12	17	10	6	9	13	9	3	13	15	16	20
	INJURY	13	7	4	3	4	3	4	3	2	3	4	2	3	4	4
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>32</b>	<b>23</b>	<b>21</b>	<b>15</b>	<b>21</b>	<b>13</b>	<b>10</b>	<b>12</b>	<b>15</b>	<b>12</b>	<b>7</b>	<b>15</b>	<b>18</b>	<b>20</b>	<b>24</b>
JULY	PDO	10	16	18	12	15	13	17	15	10	9	8	7	16	14	5
	INJURY	10	7	5	4	4	4	6	1	5	3	6	2	7	5	8
	FATAL	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
	<b>TOTAL</b>	<b>20</b>	<b>23</b>	<b>23</b>	<b>17</b>	<b>19</b>	<b>17</b>	<b>23</b>	<b>16</b>	<b>15</b>	<b>12</b>	<b>14</b>	<b>9</b>	<b>24</b>	<b>19</b>	<b>13</b>
AUGUST	PDO	19	23	14	13	15	12	9	13	9	13	10	9	8	14	10
	INJURY	4	7	5	7	3	6	4	2	1	2	7	2	8	6	4
	FATAL	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>23</b>	<b>30</b>	<b>19</b>	<b>21</b>	<b>18</b>	<b>18</b>	<b>14</b>	<b>15</b>	<b>10</b>	<b>15</b>	<b>17</b>	<b>11</b>	<b>16</b>	<b>20</b>	<b>14</b>
SEPTEMBER	PDO	21	12	20	21	3	11	10	6	5	8	10	7	10	9	13
	INJURY	6	6	10	4	4	5	4	3	0	1	2	0	4	1	4
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>27</b>	<b>18</b>	<b>30</b>	<b>25</b>	<b>7</b>	<b>16</b>	<b>14</b>	<b>9</b>	<b>5</b>	<b>9</b>	<b>12</b>	<b>7</b>	<b>14</b>	<b>10</b>	<b>17</b>
OCTOBER	PDO	12	27	14	18	12	19	17	21	13	14	10	8	30	14	12
	INJURY	11	4	2	7	2	2	5	8	5	6	3	3	2	5	3
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>23</b>	<b>31</b>	<b>16</b>	<b>25</b>	<b>14</b>	<b>21</b>	<b>22</b>	<b>29</b>	<b>18</b>	<b>20</b>	<b>13</b>	<b>11</b>	<b>32</b>	<b>19</b>	<b>15</b>
NOVEMBER	PDO	38	31	16	16	10	22	12	11	11	7	20	11	12	9	12
	INJURY	12	15	4	1	4	6	3	8	6	3	9	1	6	4	4
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>50</b>	<b>46</b>	<b>20</b>	<b>17</b>	<b>14</b>	<b>28</b>	<b>15</b>	<b>19</b>	<b>17</b>	<b>10</b>	<b>29</b>	<b>12</b>	<b>18</b>	<b>13</b>	<b>16</b>
DECEMBER	PDO	10	12	15	15	23	20	16	16	10	13	20	11	7	8	10
	INJURY	7	7	6	5	5	6	6	6	7	4	3	4	7	1	1
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>17</b>	<b>19</b>	<b>21</b>	<b>20</b>	<b>28</b>	<b>26</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>17</b>	<b>17</b>	<b>23</b>	<b>15</b>	<b>14</b>	<b>9</b>
<b>TOTAL PDO:</b>		<b>306</b>	<b>234</b>	<b>240</b>	<b>175</b>	<b>145</b>	<b>165</b>	<b>148</b>	<b>155</b>	<b>135</b>	<b>119</b>	<b>121</b>	<b>123</b>	<b>144</b>	<b>149</b>	<b>135</b>
<b>TOTAL INJURY:</b>		<b>129</b>	<b>101</b>	<b>74</b>	<b>48</b>	<b>45</b>	<b>53</b>	<b>67</b>	<b>52</b>	<b>49</b>	<b>44</b>	<b>58</b>	<b>36</b>	<b>61</b>	<b>42</b>	<b>42</b>
<b>TOTAL FATALITIES:</b>		<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>TOTAL COLLISIONS:</b>		<b>435</b>	<b>335</b>	<b>315</b>	<b>225</b>	<b>190</b>	<b>218</b>	<b>218</b>	<b>207</b>	<b>185</b>	<b>163</b>	<b>180</b>	<b>159</b>	<b>206</b>	<b>191</b>	<b>178</b>

San Jose Area CHP SR-17 Citation Summary (Beat 171)

	Regular Citations											Overtime Citations									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2004	2005	2006	2007	2008	2009	2010	2011	2012		
January	PCF	173	178	258	174	172	102	126	96	150		PCF	129	0	0	0	129	0	0	0	33
	Other	49	67	36	45	37	26	20	32	40		Other	27	0	0	0	29	0	0	0	7
	Mechanical	9	7	15	6	8	5	2	3	13		Mechanical	0	0	0	0	11	0	0	0	21
	<b>TOTAL</b>	<b>231</b>	<b>252</b>	<b>309</b>	<b>225</b>	<b>217</b>	<b>133</b>	<b>148</b>	<b>131</b>	<b>203</b>		<b>TOTAL</b>	<b>156</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>169</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61</b>
February	PCF	182	224	258	131	95	78	109	94	211		PCF	51	0	0	0	0	0	0	0	43
	Other	30	89	38	31	26	34	23	7	14		Other	11	0	0	0	0	0	0	0	16
	Mechanical	23	1	6	7	6	1	4	2	26		Mechanical	1	0	0	0	0	0	0	0	20
	<b>TOTAL</b>	<b>235</b>	<b>314</b>	<b>302</b>	<b>169</b>	<b>127</b>	<b>113</b>	<b>136</b>	<b>103</b>	<b>251</b>		<b>TOTAL</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>79</b>
March	PCF	399	274	197	302	158	115	114	101	154		PCF	33	5	0	75	80	0	0	85	38
	Other	167	71	75	20	29	32	6	15	19		Other	3	6	0	3	3	0	0	20	7
	Mechanical	4	2	18	1	12	6	1	10	38		Mechanical	4	1	0	5	14	0	0	14	13
	<b>TOTAL</b>	<b>570</b>	<b>347</b>	<b>290</b>	<b>323</b>	<b>199</b>	<b>153</b>	<b>121</b>	<b>126</b>	<b>211</b>		<b>TOTAL</b>	<b>40</b>	<b>12</b>	<b>0</b>	<b>83</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>119</b>	<b>58</b>
April	PCF	259	303	216	108	154	121	110	199	114		PCF	98	46	0	0	0	0	0	185	59
	Other	84	104	69	15	31	40	28	9	20		Other	26	14	0	0	0	0	0	31	7
	Mechanical	7	2	4	4	1	4	2	42	49		Mechanical	0	0	0	0	0	0	0	11	25
	<b>TOTAL</b>	<b>350</b>	<b>409</b>	<b>289</b>	<b>127</b>	<b>186</b>	<b>165</b>	<b>140</b>	<b>250</b>	<b>183</b>		<b>TOTAL</b>	<b>124</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>227</b>	<b>91</b>
May	PCF	289	206	306	325	176	252	242	154	165		PCF	69	41	0	185	0	0	0	119	89
	Other	174	77	72	17	36	88	30	36	32		Other	1	16	0	15	0	0	0	1	17
	Mechanical	5	7	2	2	3	13	6	33	32		Mechanical	1	1	0	14	0	0	0	21	14
	<b>TOTAL</b>	<b>468</b>	<b>290</b>	<b>380</b>	<b>344</b>	<b>215</b>	<b>353</b>	<b>278</b>	<b>223</b>	<b>229</b>		<b>TOTAL</b>	<b>71</b>	<b>58</b>	<b>0</b>	<b>214</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>141</b>	<b>120</b>
June	PCF	343	304	307	346	90	153	267	91	267		PCF	0	47	91	192	0	0	50	33	177
	Other	100	120	62	33	32	29	42	12	40		Other	0	3	6	5	0	0	0	0	19
	Mechanical	7	7	7	1	1	10	6	11	57		Mechanical	0	1	5	3	0	0	0	5	47
	<b>TOTAL</b>	<b>450</b>	<b>431</b>	<b>376</b>	<b>380</b>	<b>123</b>	<b>192</b>	<b>315</b>	<b>114</b>	<b>364</b>		<b>TOTAL</b>	<b>0</b>	<b>51</b>	<b>102</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>38</b>	<b>243</b>
July	PCF	222	161	233	223	201	169	174	87	135		PCF	36	78	0	70	129	153	0	39	0
	Other	149	108	63	25	24	32	46	18	14		Other	11	18	0	3	1	2	0	3	0
	Mechanical	11	5	3	2	3	2	6	7	16		Mechanical	2	0	0	7	1	5	0	12	0
	<b>TOTAL</b>	<b>382</b>	<b>274</b>	<b>299</b>	<b>250</b>	<b>228</b>	<b>203</b>	<b>226</b>	<b>112</b>	<b>165</b>		<b>TOTAL</b>	<b>49</b>	<b>96</b>	<b>0</b>	<b>80</b>	<b>131</b>	<b>160</b>	<b>0</b>	<b>54</b>	<b>0</b>
August	PCF	187	388	180	178	249	248	124	76	178		PCF	26	90	0	116	204	0	0	42	0
	Other	113	125	45	12	35	36	32	21	9		Other	0	12	0	6	1	0	0	4	0
	Mechanical	6	6	3	1	6	2	8	18	21		Mechanical	2	0	0	8	8	0	0	8	0
	<b>TOTAL</b>	<b>306</b>	<b>519</b>	<b>228</b>	<b>191</b>	<b>290</b>	<b>286</b>	<b>164</b>	<b>115</b>	<b>208</b>		<b>TOTAL</b>	<b>28</b>	<b>102</b>	<b>0</b>	<b>130</b>	<b>213</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>0</b>
September	PCF	258	292	252	188	80	300	125	37	194		PCF	69	176	12	40	0	285	0	68	49
	Other	113	86	52	19	28	58	42	13	14		Other	27	36	0	5	0	8	0	12	4
	Mechanical	3	1	8	0	2	12	7	21	35		Mechanical	1	1	1	15	0	69	0	19	36
	<b>TOTAL</b>	<b>374</b>	<b>379</b>	<b>312</b>	<b>207</b>	<b>110</b>	<b>370</b>	<b>174</b>	<b>71</b>	<b>243</b>		<b>TOTAL</b>	<b>97</b>	<b>213</b>	<b>13</b>	<b>60</b>	<b>0</b>	<b>362</b>	<b>0</b>	<b>99</b>	<b>89</b>
October	PCF	220	214	230	232	105	223	115	101	175		PCF	64	90	246	0	0	52	0	49	45
	Other	59	30	98	21	26	45	27	17	17		Other	11	31	13	0	0	2	0	2	48
	Mechanical	5	2	3	3	2	10	7	11	55		Mechanical	0	1	30	0	0	30	0	15	2
	<b>TOTAL</b>	<b>284</b>	<b>246</b>	<b>331</b>	<b>256</b>	<b>133</b>	<b>278</b>	<b>149</b>	<b>129</b>	<b>247</b>		<b>TOTAL</b>	<b>75</b>	<b>122</b>	<b>289</b>	<b>0</b>	<b>0</b>	<b>84</b>	<b>0</b>	<b>66</b>	<b>95</b>
November	PCF	170	282	322	372	63	371	79	56	277		PCF	85	103	199	352	18	347	0	45	45
	Other	101	28	81	31	40	69	17	2	16		Other	13	40	11	19	0	9	0	11	5
	Mechanical	9	6	14	1	2	13	1	5	34		Mechanical	0	11	19	34	0	98	0	16	13
	<b>TOTAL</b>	<b>280</b>	<b>316</b>	<b>417</b>	<b>404</b>	<b>105</b>	<b>453</b>	<b>97</b>	<b>63</b>	<b>327</b>		<b>TOTAL</b>	<b>98</b>	<b>154</b>	<b>229</b>	<b>405</b>	<b>18</b>	<b>454</b>	<b>0</b>	<b>72</b>	<b>63</b>
December	PCF	107	169	116	292	626	150	121	90	198		PCF	46	93	222	330	621	0	0	7	62
	Other	47	37	36	38	62	13	49	10	5		Other	3	16	5	5	19	0	0	10	6
	Mechanical	3	3	2	16	23	4	4	12	61		Mechanical	0	1	11	36	66	0	0	27	19
	<b>TOTAL</b>	<b>157</b>	<b>209</b>	<b>154</b>	<b>346</b>	<b>711</b>	<b>167</b>	<b>174</b>	<b>112</b>	<b>269</b>		<b>TOTAL</b>	<b>49</b>	<b>110</b>	<b>238</b>	<b>371</b>	<b>706</b>	<b>0</b>	<b>0</b>	<b>44</b>	<b>87</b>

**Extra California Highway Patrol Hours Worked on Highway 17**  
(thru 12/2012)

**San Jose Area**

	2007	2008	2009	2010	2011	2012
<b>JANUARY</b>	0	84	0	0	0	36
<b>FEBRUARY</b>	8	20	0	0	0	44
<b>MARCH</b>	44	44	0	0	152	36
<b>APRIL</b>	0	0	0	0	232	48
<b>MAY</b>	116	0	0	0	180	68
<b>JUNE</b>	121	0	0	22	48	132
<b>JULY</b>	52	56	0	0	28	0
<b>AUGUST</b>	76	104	130.5	0	32	0
<b>SEPTEMBER</b>	40	8	204	0	52	56
<b>OCTOBER</b>	4	0	36	0	32	60
<b>NOVEMBER</b>	248	8	220	0	40	48
<b>DECEMBER</b>	200	382	0	0	32	48
<b>TOTAL</b>	<b>909</b>	<b>706</b>	<b>590.5</b>	<b>22</b>	<b>828</b>	<b>576</b>

**Santa Cruz Area**

	2007	2008	2009	2010	2011	2012
	6	0	30.5	32	0	48
	90	28	0	24	0	70.5
	70.5	38.5	0	28	18	66
	42	20	36	28	88	58.5
	42.5	3	66	42.5	86.5	60
	46	50	28	44	64	66
	56	34	52.25	32.5	81	0
	36	37.5	20	51	107	6
	28.5	33.5	34	25.5	84.5	79
	26	55	53.5	0	57	70
	49.5	198	28	0	60	76
	72	239	50.5	0	54	81
<b>TOTAL</b>	<b>565</b>	<b>736.5</b>	<b>398.75</b>	<b>307.5</b>	<b>700</b>	<b>681</b>

REGISTER-PAJARONIAN STAFF REPORT  
 REGISTRO Pajaronian 9/28/12

# Rollover clogs Highway 1 Friday evening

By TARMO HANNULA  
 of the Register-Pajaronian  
**WATSONVILLE** — A solo-vehicle crash turned Highway 1 into a parking lot for several hours during the evening rush-hour commute Friday.

The California Highway Patrol reported that a gray 1951 Chevy pickup flipped over in the northbound lane of Highway 1 at 5:02 p.m. just north of Salinas Road with a female driver and her dog aboard.

That section of highway is part the ongoing Salinas Road/Highway 1 merge project renovation.

North Monterey County Fire Capt. Marvin Lenz said there were no injuries and that the driver and her dog exited the overturned vehicle safely before emergency officials arrived.

North Monterey County Fire was joined by American Medical Response paramedics, the

CHP and Watsonville Fire in dealing with the incident.

"All we did was help secure a fuel leak and deal with traffic control," Lenz said.

One evening commuter called the Register-Pajaronian to report that traffic in the northbound lane of Highway 1 backed up as far south at the power plant at Dolan Road in Moss Landing and was traveling at about "two miles per hour."

Photos by Tarmo Hannula/Register-Pajaronian

9/25/12

## Pickup rolls off Hwy 1

**WATSONVILLE** — ABOVE: A Ford Ranger is shown on its side after it shot off Highway 1 Monday following a collision with a Toyota. According to the driver of the 2006 Toyota Prius, he was approaching the spot where the highway merges into one lane entering the Highway 1/Salinas Road merge project. At one point, a man driving a white Ford Ranger hit the rear end of the Prius, then continued south on Highway 1, eventually rolling approximately 15 feet down a grassy hillside. "He clipped me and literally went flying," the man said. There were no injuries. Traffic on southbound Highway 1 just south of Riverside Drive was delayed for about an hour. RIGHT: California Highway Patrol officer Tom Frank collects information from the Prius driver.



RD 1/10/13

## Woman arrested after car crash

REGISTER-PAJARONIAN STAFF REPORT  
**APTOS** — A Capitola woman was arrested Tuesday and charged with driving under the influence of prescription medication after her minivan rolled and struck a center divider on Highway 1, the California Highway Patrol reported.

According to the CHP, Evangelina Bersamin-Harried, 65,

was driving on northbound Highway 1 near the Freedom Boulevard off-ramp at approximately 5:20 p.m. Monday when she lost control, struck the center divide and rolled several times.

Bersamin-Harried was placed under arrest for DUI of and transported by air ambulance to Valley Medical Center in San Jose.

*Harried*

APTOS

## RV fire backs up traffic for an hour on Highway 1

A 1970s Dodge recreational vehicle caught fire on northbound Highway 1 just north of Rio del Mar Boulevard about 12:30 p.m. Thursday, the California Highway Patrol reported.

No other vehicles were involved in the fire, said CHP officer Sarah Jackson. It was doused by firefighters in the far right lane.

One person in the RV had minor injuries but was not transported to a hospital, said Aptos/La Selva Fire Chief Jeff Terpstra.

Authorities have not said what caused the blaze.

Traffic was backed up on northbound Highway 1 for at least one hour after the fire.

Seatonol 10/26/12

## COPS AND COURTS



RICK CALMES/CONTRIBUTED  
 An RV caught fire on northbound Highway 1 in Aptos on Thursday.

27 3/13

# 3-vehicle crash snarls Highway 1 traffic in Watsonville

By TOM DUNLAP

OF THE REGISTER-PAJARONIAN

**WATSONVILLE** — A Toyota sedan slammed into a pickup truck and another car Thursday morning on northbound Highway 1 in Watsonville.

The female driver of the Toyota sustained injuries in the 10 a.m. crash and was taken by ambulance to Watsonville Community Hospital.

The extent of her injuries was not known, although Watsonville Fire Capt. Rick Pettigrew said the driver "had some pain. Her car took a lot of impact."

Ruth Aspesi of Prunedale was driving a Ford F-150 pickup when the Toyota slammed into her.

"I never saw it coming," Aspesi said. "I'm guessing she never saw the (road work ahead) sign or was on her cellphone or something."

Aspesi's pickup sustained minor damage when the impact forced her into the guardrail.

The CHP closed two lanes of northbound Highway 1 during the investigation and cleanup.

The third car involved was a Toyota Matrix.



Tom Dunlap/Register-Pajaronian

Watsonville firefighters and CHP officers assist the driver of a Toyota sedan Thursday morning on Highway 1 in Watsonville.

Sentinel 4/8/13  
APTOS

## Woman seriously hurt in Highway 1 crash

By **STEPHEN BAXTER**  
sbaxter@santacruzsentinel.com

**APTOS** — A crash on northbound Highway 1 on Monday evening left a woman with potentially life-threatening injuries, firefighters said.

A silver van was headed north about 5:20 p.m. when it spun out near Freedom Boulevard and crashed into the center divide, said Aptos Fire Capt. Will Wingert. It was unclear what caused the crash.

A woman who appeared in her 50s was injured and transported to Dominican

Hospital. She was then taken by helicopter to an out-of-county trauma center, firefighters said.

No one else was taken to a hospital.

Traffic was snarled for a few hours. The crash scene was cleared about 6:20 p.m.

Follow Sentinel reporter Stephen Baxter on Twitter at [Twitter.com/sbaxter\\_sc](https://twitter.com/sbaxter_sc)

Hum 1

Sentinel  
3/19/13

APTOS

## Teens flee Highway 1 crash

Three teens fled Tuesday after the Jeep they were riding in hit another vehicle and flipped over on the right shoulder of northbound Highway 1, the California Highway Patrol reported.

Officer Nick Petrinovich said the Jeep was traveling north of Freedom Boulevard when the driver made an unsafe turn and struck a Volkswagen sedan traveling in the same direction at 6:30 p.m. The Volkswagen came to rest on the right shoulder; the sole occupant was uninjured.

Three occupants in the Jeep, all younger than 18, ran from the scene but were contacted by the CHP nearby on Soquel Drive, Petrinovich said. The three, one of whom complained of pain, were not arrested pending further investigation.

Petrinovich said alcohol or drug use is not believed to be a factor. Traffic slowed for a short period while the CHP investigated.

RP 2/5/13

# Pedestrian killed on Highway 129

REGISTER-PAJARONIAN STAFF REPORT

**WATSONVILLE**— A pedestrian was killed early Monday morning when he was struck by a vehicle on Highway 129, the California Highway Patrol reported.

According to the CHP, the driver was traveling eastbound on Highway 129 between Carlton Road and Silliman Road approximately 5:50 a.m. when he observed a man standing in the eastbound lane of Highway 129, facing north.

The driver, a 42-year-old Watsonville man, was unable to take evasive action and collided with the pedestrian, the CHP said.

The driver immediately stopped and called 911, and while he was on the phone with dispatchers, several other vehicles struck the pedestrian,



Evidence markers are shown on the side of Highway 129 near Carlton Road Monday where a man was killed after he was run over multiple times.

Tarmo Hannula/Register-Pajaronian

the CHP said.

The identity of the pedestrian was not known at press

time.

Anyone with information is asked to call the Califor-

nia Highway Patrol at 662-0511 or the CHP dispatch at 796-2160.

May 12/9

Sentinel 10/2/12

SCOTTS VALLEY

## School bus, rental truck collide on Highway 17

A 28-year-old Oakland man had major injuries Monday after his Penske rental truck collided with a Monte Vista Christian School bus, the California Highway Patrol reported.

The crash happened about 4:40 p.m. on southbound 17 near La Madrona Drive and Sims Road, said CHP officer Sarah Jackson. No students were on the school bus, which authorities said was behind the truck during the collision.

The bus driver suffered minor injuries. The CHP has not released the cause of the crash. The front end of the school bus was ripped off.

Authorities narrowed the highway to one southbound lane to investigate the crash. They expected to reopen it about 6:30 p.m.

May 17

Sentinel 9/10/12

SCOTTS VALLEY

## CHP: Teen rolls SUV on Highway 17

A Los Altos teen lost control of a Honda Pilot on Highway 17 near Santa's Village on Sunday, striking a light pole and overturning, the California Highway Patrol said.

The 17-year-old was heading north about 11 a.m. when his passenger, also age 17, realized the SUV had drifted to the right and was heading toward a light pole, officer Marty Contreras said.

The passenger grabbed the steering wheel and pushed it left and the Honda slid sideways and the passenger side struck the pole, Contreras said. The SUV continued to slide, hit a raised curb and overturned, landing on its wheels on the highway shoulder, he said.

Both teens suffered minor injuries and the highway was closed for about 30 minutes as officers cleared and investigated the crash, he said.

**NO QUICK FIX:**

Crews from Pacific Gas and Electric Co. work to fix power lines that were knocked down when a teenager crashed a truck into at least one power pole at Glen Arbor Road and Highway 9 on Tuesday, Nov. 13.

Lucjan Szewczyk/  
Press-Banner



Aug 9

# Crash shuts down highway, power

Press-Banner

A 17-year-old boy wrecked the truck he was driving when it crashed into at least one power pole Tuesday, Nov. 13, on Highway 9 at Glen Arbor Road in Ben Lomond, forcing crews to close the two-lane highway for more than 16 hours.

The accident, at 4:02 a.m., knocked out electricity to 2,400 Pacific Gas and Electric Co. customers, according to company spokeswoman Monica Tell.

"The driver of the vehicle actually took down one of our poles, knocked down the transformer and damaged an additional three poles,"

Tell said at 4:30 p.m., 12 hours after the crash. "Because of the amount of damage done, our crews are still making repairs."

All but 24 customers were back online by 9:06 a.m. Tuesday, Tell said. Final repairs were made and the road was reopened at 8:15 p.m.

The 17-year-old driver, a San Lorenzo Valley resident, was driving a 2003 Ford F-150. He was uninjured in the crash and called his father, who picked him up before emergency responders arrived, according to CHP spokeswoman Sarah Jackson.

The boy and his father

returned to the crash scene later in the day to make a report, and a CHP officer recognized the boy from a photo on a missing-persons list the officers receive.

Public safety workers throughout the county had been on the lookout since the boy was reported missing seven days earlier, Jackson said.

"He's been taken off the missing persons list (now)," Jackson said.

The cause of the accident is unclear, but the boy was not impaired, according to Jackson. The CHP has decided not to press hit-and-run charges at this time, she said.



# PROJECT UPDATE – SANTA CRUZ COUNTY

PREPARED FOR MARCH 7, 2013 SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION MEETING

## COMPLETED CONSTRUCTION PROJECTS

	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Implementing Agency	Project Manager (Resident Engineer)	Contractor	Comments
1.	<b>Santa Cruz Highway 1 Median Barrier (0S3104)</b>	Highway 1 in Santa Cruz (17,5-18,2)	Construct colored and textured Median Barrier	April 23, 2012- February 5, 2013	\$1.6 M	SHOPP	Caltrans	Doug Hessing (FK)	Toms Septic Construction, Salinas	Project completed 2/5/13.

## CONSTRUCTION PROJECTS

	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Implementing Agency	Project Manager (Resident Engineer)	Contractor	Comments
2.	<b>Hwy. 1 Salinas Road Interchange (315924)</b>	Highway 1, Mon. County, North of Moss Landing at Salinas Road (PM 99.9-101.5)	Construct new interchange	April 2010- Winter 2013	\$12 Million	STIP/ CMIA	Caltrans	Richard Rosales (PD)	Desilva Gates Construction LP, Dublin	SB off-ramp to Salinas Rd opened to public 2/15/13. Project near completion. One year plant establishment.
3.	<b>Hwy. 1 Watsonville (CAPM) Rehab. (0M7504)</b>	Hwy 1 (PM 0.0-10.2) In Santa Cruz County in Watsonville and Aptos from Pajaro River Bridge to North Aptos Underpass	Pavement Rehabilitation (hot mix asphalt on existing pavement)	April 15, 2012- Spring 2013	\$12M	SHOPP	Caltrans	Luis Duazo (BR)	Pavex Construction Division, Watsonville	Night work with alternating lane and ramp closures. Work expected to complete end of March, weather permitting
4.	<b>Hwy. 1 Guardrail/Crash Cushions (0M9704)</b>	Highway 1, various locations from San Lorenzo R. Bridge to Waddell Creek (PM 17.4-26.0)	Upgrade guard rail, end treatments	Winter / Summer 2013	Total \$2.8M	SHOPP	Caltrans	Doug Hessing (BR)	Coral Construction Company, Wilsonville, Oregon	Project Awarded on 2/14/13; pending approval



# PROJECT UPDATE – SANTA CRUZ COUNTY

PREPARED FOR MARCH 7, 2013 SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION MEETING

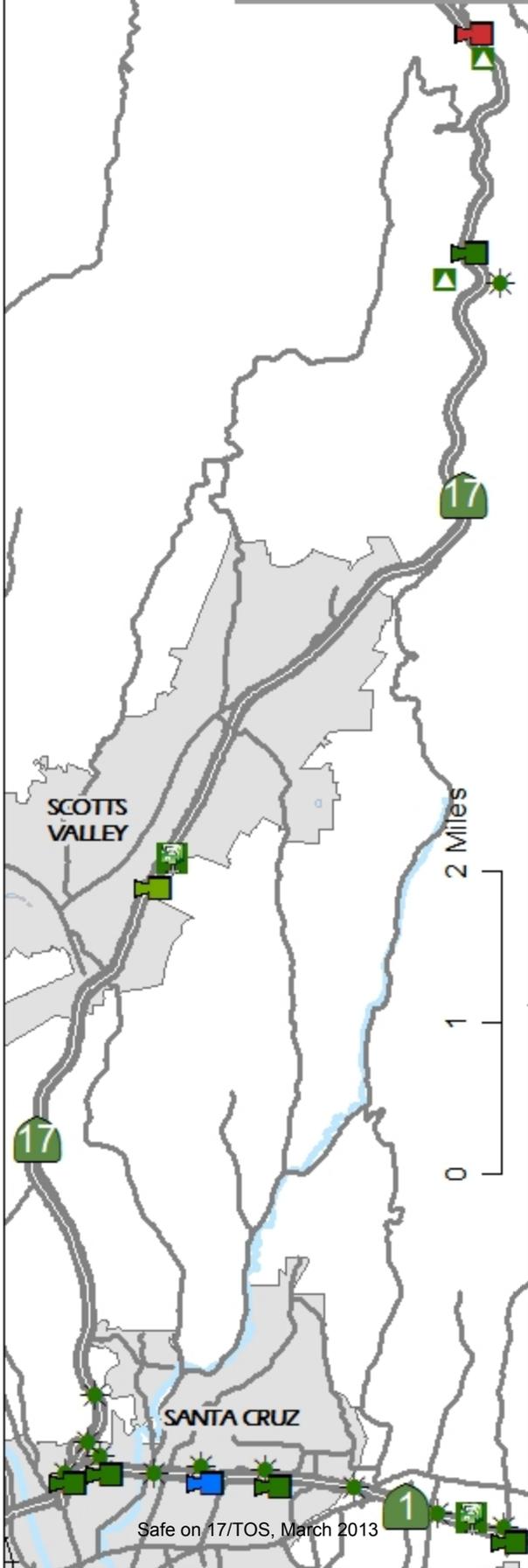
CONSTRUCTION PROJECTS (CONTINUED)										
	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Implementing Agency	Project Manager (Resident Engineer)	Contractor	Comments
5.	<b>Hwy. 9 Holiday Lane Improvements (OK2304)</b>	Highway 9 between Ben Lomond and the Highland Co. Park; S. of Holiday Lane (PM 8.4-8.6)	Construct Viaduct, Upgrade guard rail	Summer 2012 – Summer 2013	\$1.3 M	SHOPP	Caltrans	Steve DiGrazia (AN)	Pavex Construction Div., Watsonville	Work began in September. Traffic control consists of one-way traffic control with a temporary signal 24/7. One year plant establishment once project completes.
6.	<b>Hwy. 17 Santa's Village Road Guardrail (OG4004)</b>	Near Scott's Valley from just north of Santa's Village to Crescent Drive (PM 6.1-6.6)	Construct concrete guardrail	January 2011-Summer 2013	\$3 Million	SHOPP	Caltrans	Doug Hessing (PD)	Gordon N. Ball Inc., Alamo	All work complete except for some culvert repair. Project scheduled for completion Summer 2013.
7.	<b>Hwy. 17 Summit Slide Repair (1A7104)</b>	In Santa Cruz County near Scotts Valley at 0.2 mile north of Glenwood Dr.	Construct retaining wall with concrete slab & barrier, HMA pave	Spring 2013-Fall 2014	\$2 Million	SHOPP	Caltrans	Steve DiGrazia (JW)	Condon-Johnson & Associates Inc., Oakland	Bids opened 5/30/12. Project awarded on 7/24. .In winter suspension.

PROJECTS IN DEVELOPMENT										
	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Implementing Agency	Project Manager	Phase	Comments
8.	<b>Hwy. 1 Guardrail Upgrade, Concrete Barrier, Retaining Wall (05-0R9101)</b>	Highway 1 from S of South Aptos Underpass to .1 Mi N. of Rt 9 (PM 9.0-17.6)	Upgrade Metal Beam Guard Rail, other improvements	Fall/ Winter 2013	\$ 2.3 M	SHOPP	Caltrans	Doug Hessing	PS&E/RW	Scheduled to be advertised early 2013.

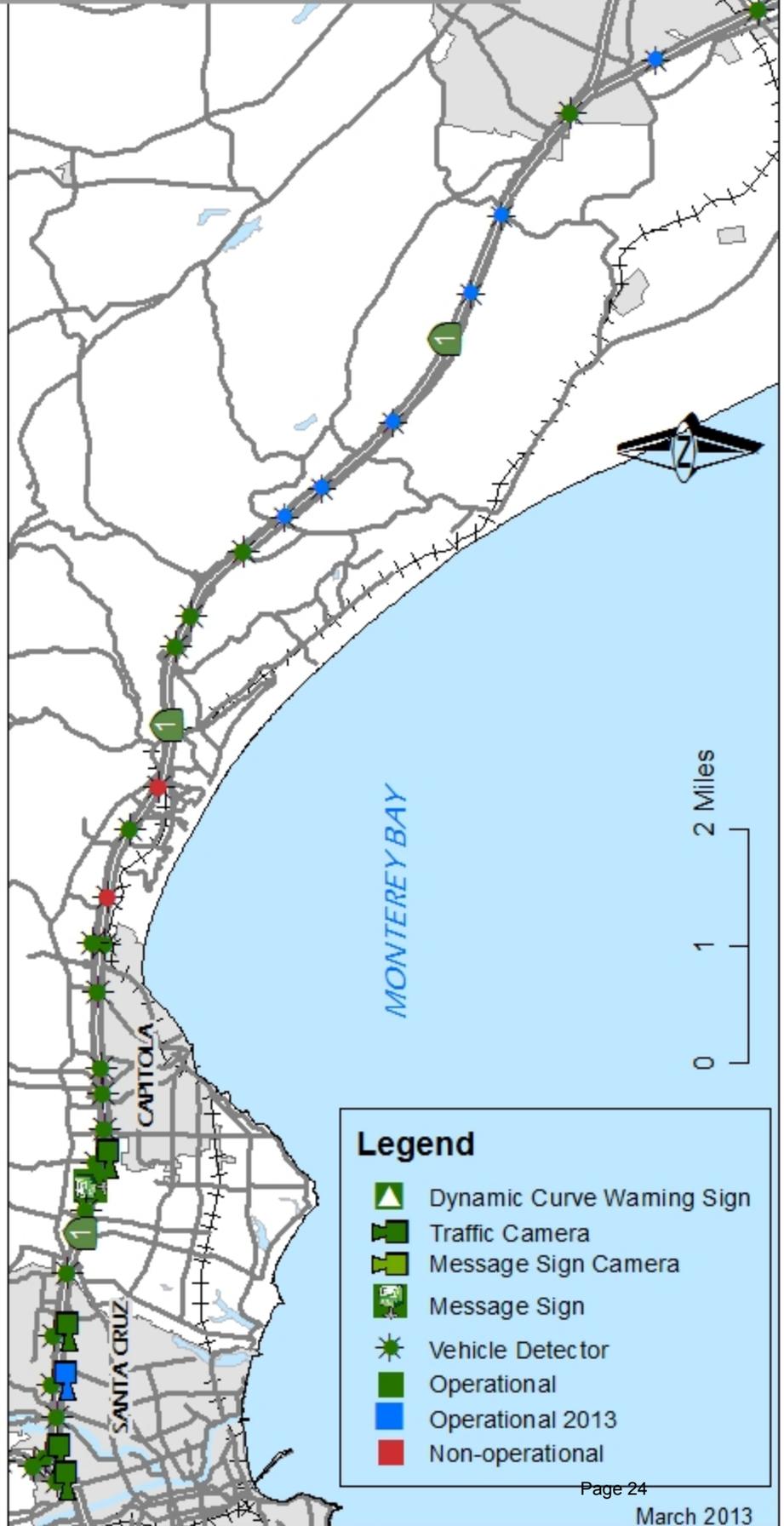
# Traffic Operations Systems Santa Cruz County



WATSONVILLE



Safe on 17/TOS, March 2013



## Legend

- Dynamic Curve Warning Sign
- Traffic Camera
- Message Sign Camera
- Message Sign
- Vehicle Detector
- Operational
- Operational 2013
- Non-operational

Page 24

March 2013

# Hwy 17 / Bear Creek Road On Ramp

## Existing Conditions:

- Travel time doubles between 6 am at 18 minutes and 7:30 at 35 minutes
- Roadway capacity
  - Typical freeway capacity at base conditions – 2,000 pc/h
  - Hwy 17 is not a typical freeway
    - 1,800 pc/h, 1,700 pc/h
    - Exceeding capacity during the peak period
- Ramp meter field measurements:
  - Current rate is 2 vehicles per green every 4 seconds
- Vehicle observations and traffic counts
  - Where are the ramp metered vehicles coming from?

# Existing Conditions: Hwy 17 Scotts Valley to Los Gatos AM Peak Period Travel Times via 511

traffic.511.org 511 Driving Times

HWY 17 Scotts Valley - Mt Hermon Rd to Los Gatos Saratoga Rd

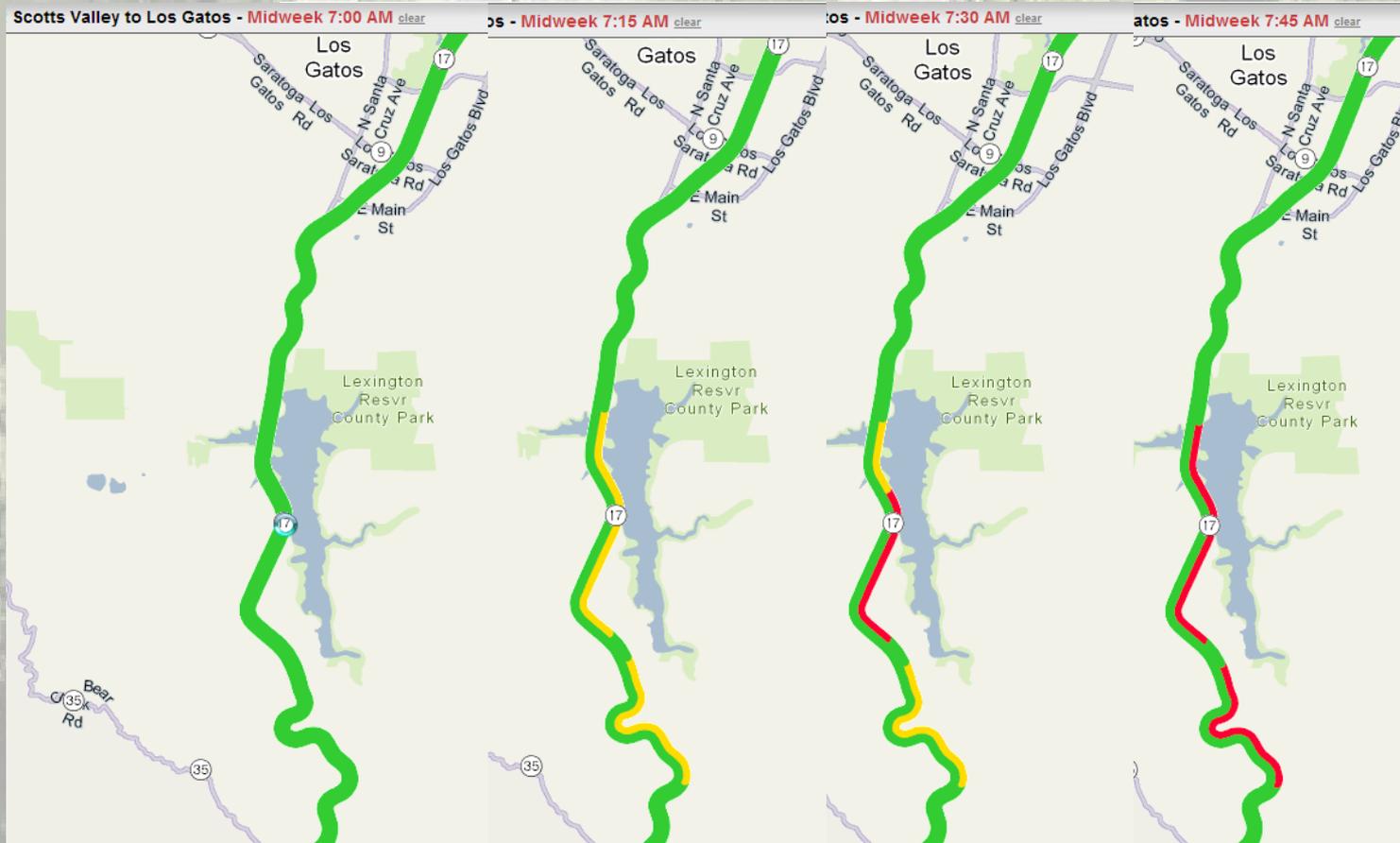
Tues through Thursday

Time of day	Typical Travel Time	Miles	Typical Speed
6:00 AM	18 min	16.5	55 mph
6:15 AM	18 min	16.5	55 mph
6:30 AM	19 min	16.5	52 mph
6:45 AM	20 min	16.5	50 mph
7:00 AM	21 min	16.5	47 mph
7:15 AM	24 min	16.5	41 mph
7:30 AM	35 min	16.5	28 mph
7:45 AM	28 min	16.5	35 mph
8:00 AM	26 min	16.5	38 mph
8:15 AM	24 min	16.5	41 mph
8:30 AM	28 min	16.5	35 mph
8:45 AM	22 min	16.5	45 mph
9:00 AM	20 min	16.5	50 mph

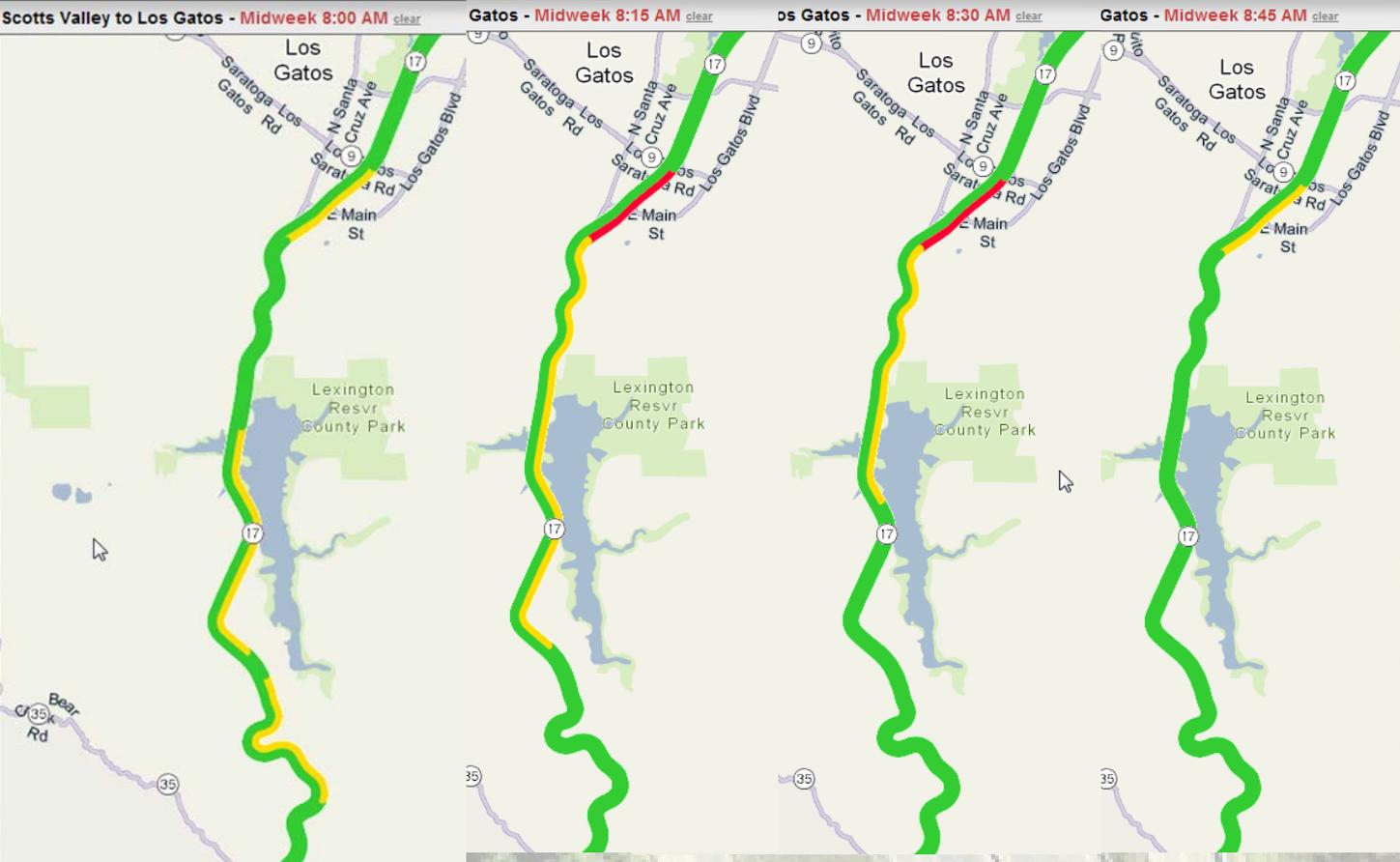
# Existing Conditions: Hwy 17 / Bear Creek Rd On Ramp September 8, 2012 through September 14, 2012

Caltrans District 4 - Traffic Systems						
North Bound		Route 17 Bear Creek Rd				
		PEAK HOUR VOLUME	Main Line All Lane	RAMP	TOTAL	PeMS All Lane
DAY	TIME	VOLUME	VOLUME	VOLUME	VOLUME	VOLUME
TUESDAY	7 AM - 8 AM	3320	3320	703	4023	3332
(09/11/12)	8 AM - 9 AM	2979	2979	587	3566	2956
WEDNESDAY	7 AM - 8 AM	2911	2911	826	3737	2878
(09/12/12)	8 AM - 9 AM	2968	2968	726	3694	2926
THURSDAY	7 AM - 8 AM	3336	3336	727	4063	3038
(09/13/12)	8 AM - 9 AM	2980	2980	598	3578	2748

# Existing Conditions: 7 -8 AM midweek travel times between in Santa Clara County, HWY 17



# Existing Conditions: 8-9 AM midweek travel times between in Santa Clara County, HWY



# Operational Issues

- AM peak period free-flow breakdown at Bear Creek Rd on Ramp
- AM peak period free-flow breakdown at Hwy 9/Saratoga – Los Gatos Rd pushes congestion upstream on Hwy 17 into safety corridor
- Keep traffic on Hwy 17 and not divert onto Old San Jose Rd
- Adjust Bear Creek Ramp Metering Rates
  - Study traffic volumes and origin
  - Analyze weekend tourist traffic problems