



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

Wednesday, September 13, 2017
10:00am - 12:00pm

Santa Cruz County Regional Transportation Commission
1523 Pacific Ave, Santa Cruz, CA 95060

**Teleconference: (515) 604-9928
Access Code: 631038**

1. Introductions
2. Additions or Deletions to the Agenda
3. Oral communications – items not on agenda
4. Approve Draft Minutes of the March 15, 2017 Joint TOS Oversight Committee and Safe on 17 Meeting
5. Information Items (Amy Naranjo)
 - a. 2016 Safe on 17 Annual Report
 - b. FSP Program Update
 - c. Articles/Public Feedback
6. California Highway Patrol – Safe on 17 Program Information
 - a. Santa Cruz: Review collision and enforcement statistics and extra enforcement hours for August 2016 through January 2017 (Lt Troxell)
 - b. San Jose: Review collision and enforcement statistics and extra enforcement hours for August 2016 through January 2017 (Captain Ortiz)
 - c. Highway 17 Extra CHP Enforcement Hours Public Information Activities (Lt Troxell and Captain Ortiz)
7. Letter to Request Emergency Addition of Guard Rail on Hwy 17 (Jarret Winter, Santa Clara County Fire Department)
8. Caltrans District 5 Highway 17 Project Update
 - a. Construction Projects
 - b. Maintenance Projects/Updates



9. Caltrans District 4 Highway 17 Project Update
 - a. Construction Projects
 - b. Maintenance Projects/Updates

10. Traffic Operations Systems
 - a. Transportation Management Center Update (Ramin Bolourchian)
 - b. Communications Update (Nicole Stewart)
 - c. Hwy 1 and 17 TOS Equipment Update (Jacques Van Zeventer)
 - CCTVs
 - Traffic Detection Equipment
 - Other
 - d. Caltrans QuickMap Update – (Jacques Van Zeventer)

11. Additional Items

12. Next Meeting Date: Joint Safe on 17 Task Force & TOS Oversight Committee Meeting – Wednesday, March 14, 2018 10:00 am to 12:00 pm at CHP San Jose.



JOINT MEETING OF
SANTA CRUZ COUNTY TRAFFIC OPERATIONS SYSTEMS (TOS) OVERSIGHT
COMMITTEE
AND
SAFE ON 17 TASK FORCE

DRAFT MINUTES

Wednesday, March 15, 2017
10:00am-12:00pm

**San Jose California Highway Patrol
2020 Junction Ave, San Jose**

Meeting Participants

Jacques van Zeventer, Caltrans D5
Ramin Bolourchian, Caltrans D4 TMC
Domingo Candelas, Representing Senator Jim Beall
Kelly McClendon, Caltrans D5 Planning
Earl Sherman, Caltrans D4 Maintenance
Angela Gile, Representing Assemblymember Mark Stone
Marshall Ballard, Valley Transit Authority
Devin Porr, Caltrans D5
Lt Lance Hedricks, San Jose CHP
Lt Shaun Crosswhite, San Jose CHP
Sergeant Grant Boles, Santa Cruz CHP
Suwanna Kerdkaew, Santa Clara County Fire
Kieran Kelly, Representing Santa Clara County Supervisor Ken Yeager
Bernie Walik, D4 Public Information Officer
Jeff Bates, Redwood Estates Services Association
Kevin Korth, FHWA CA Division
Rubin Herrera, Caltrans D4 Maintenance
Art De La Corda, Caltrans D4
Stephen Terrin, MTC (teleconference)
Gary Richards, San Jose Mercury News (teleconference)
Ginger Dykaar, Santa Cruz County Regional Transportation Commission

- 1. Introductions** – Introductions were made.
- 2. Additions or Deletions to the Agenda** –none were made
- 3. Oral Communications** –Gary Richards requested information from Caltrans on how a memorial could be erected for Bobby Gill at site where he died while working on emergency work on Highway 17 this winter. Jacques said that it would likely require legislation for a memorial to be erected.



- 4. Minutes of the September 14, 2016 Joint TOS Oversight Committee and Safe on 17 Meeting were reviewed and accepted** with the condition to add Angela Gile to the list of meeting participants.
- 5. Received Information Items** - Ginger Dykaar discussed Measure D passing in Santa Cruz County election in November 2016. Some of the funds from Measure D will be used for projects on Hwy 17, for example, \$5 million for wildlife crossing under Hwy 17 near Laurel Curve, matching funds for Freeway Service Patrol (FSP), and Cruz511 traveler information. Ginger Dykaar stated that the RTC SAFE approved entering into an agreement with Ladd's Towing for FSP service on Highway 1 and Highway 17 for the next contract period from July 8, 2017 – June 30, 2021. During winter of 2016-2017, the traffic on the RTC traveler information website "Cruz511.org" increased significantly to provide real-time traveler information, including information about traffic conditions, road closures, detour routes, highway maintenance activities, carpool options and more.
- 6. Received Update on California Highway Patrol Safe on 17 Program Statistics and Public Information Efforts** – Lt Lance Hedrick from San Jose CHP stated that there was a fatality in August 2016. The month to month collision data was not available yet because of a change in how CHP and the RTC will be tracking the data in the future. The number of regular citations increased from last year and the over time citations were consistent with previous years. Sergeant Grant Boles from Santa Cruz CHP stated that the total number of collisions on the Santa Cruz County side has increased from previous years as shown in the handout provided at the meeting. Kelly McClendon discussed that motorists have expressed appreciation for efforts from Caltrans and CHP during the many emergencies this past winter.
- 7. Emergency Repair Work on Hwy 17** – Devin Porr from Caltrans presented information on the Highway 17 emergency work on the District 5 (Santa Cruz County) side. The majority of emergency work took place north of Vine Hill Rd at the "Jarvis" slide where mudslides repeatedly occurred over the period of January 9 – February 10. Lanes on Highway 17 were closed on and off through February 21. Downed trees also closed lanes on Hwy 17 in a number of locations. Additional road repair will need to be done over the next few months which may cause some lane closures. Hwy 1, 9, 35, 129 and 152 were all affected by severe weather this winter.

Marshall Ballard discussed the running water on Hwy 17 near Moody Curve. Caltrans plans to improve the drainage to keep water off the road.
- 8. Automated Speed Enforcement (ASE)** – Laura Wells, Deputy Director of Transportation from City of San Jose presented the benefits of automated speed



enforcement to reduce the increase in fatalities that has been occurring in San Jose and elsewhere. Other areas that allow ASE have seen significant improvements in safety. The City of San Jose and San Francisco are working together to pass legislation (AB 342) that would allow automated speed enforcement to be used in these cities as a pilot program. CHP expressed concerns over ASE stating that police enforcement is much more comprehensive and concerned that funds would be diverted from CHP to automated speed enforcement programs.

- 9. Santa Clara County Fire Department's Redwood Station Engages Caltrans – Responder/Public Improvements on Santa Clara County portion of Hwy 17** – Kevin Korth from FHWA discussed how 80% of Santa Clara County Fire Dept work is responding to incidents on Hwy 17. There are a number of projects recommended for the Santa Clara County side to improve safety including edge line rumble strips, intersection and curve illuminations, curve warning signs, route markers, extended guardrail and high friction surface treatments at a few locations.
- 10. Received Caltrans District 5 Highway 17 Project Update** - Devin Porr from CT D5 discussed the Hwy 17 Shoulder Widening and Concrete Guardrail project near Scotts Valley. The project runs from 0.4 miles south of Sugarloaf to 0.1 mile south of Laurel Rd. The project is planned to be completed by Summer 2017. Caltrans has a project to construct storm water mitigation improvements south of Sims Rd that is scheduled to be completed in Spring 2017. Caltrans also plans to grind and repave all of Highway 17 in 2 to 3 years but this may take longer due to all the weather related work this winter.
- 11. Received Caltrans District 4 Highway 17 Project Update** - There are no significant projects for construction in D4. Maintenance will be performing vegetation control, removing downed trees and earthen debris.
- 12. Received Traffic Operations Systems Updates** - Traffic Management Center (TMC) Update - Ramin Bolourchian stated that if anyone sees any problems with the changeable message signs (CMSs), to please contact the TMC. Jacques van Zeventer discussed the work of D5 to keep QuickMaps accurate. He also mentioned that there was a traffic camera not operating near Freedom Blvd.
- 13. Received Additional Items** – Jeff Bates from Redwood Estates asked CHP if the bumper stickers that are provided to mountain residents could provide more benefit when emergencies occur on Highway 17. CHP responded that the emergencies this winter were so challenging, it was hard to assess how they could better help the mountain residents in these situations. Jeff Bates also expressed concern over motorists using the private roads at Redwood Estates as an alternate route to avoid traffic on Hwy 17.



14. Approved Next Meeting Date – Next Joint Safe on 17
Task Force & TOS Oversight Committee Meeting – Wednesday, September 13, 2017
10:00 to 12:00 at Santa Cruz County Regional Transportation Commission, 1523
Pacific Ave, Santa Cruz, CA 95060.

Respectively submitted by


Ginger Dykaar

AGENDA: September 13, 2017

TO: Safe on 17 Task Force & Traffic Operation Systems Committee
FROM: Ginger Dykaar, Transportation Planner
RE: Safe on 17 Safety Corridor Project – 2016 Annual Report

RECOMMENDATIONS

Receive the attached 2016 Annual Report for the Safe on 17 Safety Corridor Program.

BACKGROUND

In 1998, the California Highway Patrol (CHP) initiated the Safe on 17 Program with the aid of a grant from the California Office of Traffic Safety (OTS). The OTS grant was available from March 1999 to March 2002. During that period, injury and fatal collisions were reduced by 34% on Highway 17 from a pre-program average of 249 to 165 through a combination of CHP enforcement, roadway improvements, and a public information campaign. The Safe on 17 program is still active today due to the interest of multiple agencies to continue to improve safety on Highway 17. RTC SAFE provides \$50,000 per year for extra CHP enforcement on the Santa Cruz County side of Hwy 17 and the Metropolitan Transportation Commission SAFE provides \$50,000 per year for extra CHP enforcement on the Santa Clara County side of Hwy 17. In addition to the extra enforcement, Caltrans has spent tens of millions of dollars on numerous projects to improve safety on the Highway 17 corridor. The CHP compiles collision and citation statistics, and RTC SAFE continues to convene the Safe on 17 Task Force. The goal of the current program is to maintain the reduced collision rate achieved on Highway 17 during the OTS grant period.

DISCUSSION

2016 Safe on 17 Annual Report

The 2016 Safe on 17 Annual Report reviews the work done by the CHP, Caltrans, RTC and other stakeholders to continue to improve safety on Highway 17. The annual report was prepared by RTC staff, with input from Caltrans and CHP staff. The 2016 Safe on 17 Program includes: extra enforcement, collision and citation rate monitoring, Safe on 17 Task Force Meetings, public information and outreach, and highway safety improvements. Below is a description of the 2016 Safe on 17 accomplishments. More detailed information regarding these activities is available in the attached *2016 Annual Report*.

Collisions: There were two fatal collisions and two hundred and sixty six injury collisions reported in 2016. The fatal and injury collisions for 2016 were 3% higher than the preprogram average of 249. This translates into 19 more fatal and injury collisions and 185 more property damage only collisions on the Highway 17 Safety Corridor for 2016 compared to the preprogram average. The total number of collisions for 2016 is 989. The reasons for the increase in collisions on Highway 17 over the last few years are likely a combination of factors. Speeding, tailgating and unsafe lane changes are considered to be the most frequent factors leading to collisions on Highway 17 but distracted driving is also a growing threat to road safety. Increased traffic volumes and more wet weather events may have also influenced the number of collisions in 2016.

The most recent three-year annual average of 208 does not meet the goal of the Task Force of maintaining the reduced collision rate three-year average achieved during the OTS grant period of 165 injury and fatal collisions. The *2016 Annual Report: Attachment 2* breaks-out annual collisions by type since 1996 and *2016 Annual Report: Attachment 3* includes 2016 monthly collision data for Highway 17 compared to historical monthly averages.

Extra CHP Enforcement: Increased CHP visibility and increases in the number of citations being issued on Highway 17 provides a deterrent to motorists who practice unsafe driving behavior. In 2016, there was a total of 1080 hours of extra CHP enforcement. Due to the increase in collisions on Highway 17 over the last few years, CHP has targeted their extra enforcement hours for times of day when collisions are more likely to occur. CHP has also increased their motorcycle enforcement and are considering speed enforcement by aircraft although the tree cover along Highway 17 poses a challenge. CHP is committed to working to improve safety on this vital link "over the hill" for commuters and visitors alike.

Citations: In 2016, 9,057 citations were issued on Highway 17. Approximately 26% of these citations were issued during Safe on 17 extra CHP enforcement hours. Primary collision factors, including unsafe speed, improper turning and improper lane changes account for approximately 80% of all citations.

Safe on 17 Task Force Meetings: In 2016, the Task Force discussed the outcomes of the CHP's extra enforcement efforts, provided input on current Caltrans' Highway 17 projects and maintenance activities, and provided input on potential Highway 17 traffic operation improvements. Task Force members include CHP, Caltrans Districts 4 and 5, MTC SAFE, RTC SAFE, local legislators, local media and local police.

Public Information: Public information educates motorists about safety on Highway 17. In 2016, CHP included information about safe driving on Highway 17 at CHP sponsored events including new driver education programs held at high schools and motorcycle and community events. In response to the increase in collisions on Highway 17, RTC, CHP and Caltrans will increase efforts to inform and educate the public on driving safely on Highway 17. Cruz511 traveler information, changeable

message signs and social media will be used to get the message out about the dangers of speeding, distracted driving and other potential driving hazards.

Highway 17 Safety Improvements: Highway improvements are developed, coordinated and implemented by Caltrans, with input from the Safe on 17 Task Force. Caltrans has a comprehensive process for evaluating and constructing the projects that provide the greatest benefit to the motoring public. In 2016, Caltrans advanced or completed several important safety projects on Highway 17 including the Highway 17 Shoulder Widening and Concrete Guardrail Project north of Scotts Valley, the Highway 1/17 Merge Lane Extension Project, and the Highway 17 Access Management Plan. Details about these projects are available in the *2016 Safe on 17 Annual Report*.

Funding for the Safe on 17 Program

The SCCRTC SAFE funds are generated from a \$1 fee per year on all vehicles registered in Santa Cruz County and are used to pay for the extra CHP enforcement on Highway 17 as well as other SAFE Programs. The SCCRTC SAFE has approved funding in the amount of \$50,000 per year for extra CHP enforcement on the Santa Cruz County side of Highway 17 through June 30, 2018. Although the cost per hour of CHP service has increased, funding levels for this program have remained constant due to flat SAFE fund revenues, and funding uncertainties associated with other programs, which also rely on SAFE funds, namely the Santa Cruz County Freeway Service Patrol Program.

SUMMARY

The 2016 Safe on 17 Annual Report reviews the work done by the CHP, Caltrans, RTC and other stakeholders to improve safety on Highway 17. The 2016 Safe on 17 Program includes: CHP extra enforcement, collision and citation rate monitoring, Safe on 17 Task Force Meetings, public information and outreach, and highway safety improvements. The increase in collisions on Highway 17 over the last few years is likely due to increased driver distraction, more severe wet weather events and increases in traffic volume. RTC, CHP and Caltrans will be working to reduce the number of collisions through increased public education efforts and more targeted CHP enforcement.

Attached

- 1: Safe on 17 Highway 17 Safety Corridor Project *2016 Annual Report*

AGENDA: September 13, 2017

TO: Safe on 17 Task Force & Traffic Operation Systems Committee
FROM: Amy Naranjo, Transportation Planner
RE: Freeway Service Patrol Update

RECOMMENDATIONS

Receive an update on the Freeway Service Patrol Program.

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 Mount Herman 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.

As the SAFE, the SCCRTC levies a \$1 annual fee on all registered vehicles in Santa Cruz County. The funds raised are used to help fund all SAFE projects including FSP. The FSP project also receives funds from Caltrans with the RTC matching at least 25% of the allocation. Matching fund sources from recent years include the Santa Cruz County's regional share of State Transportation Improvement Program (STIP) funds, Service Authority for Freeway Emergency (SAFE) funds, and Regional Surface Transportation Program (RSTP) funds. More funds are available in FY17/18 through Measure D and State Bill1.

DISCUSSION

FSP Assists and Benefits

In 2016/17, the Freeway Service Patrol assisted more than 1,300 motorists on Highway 1 and Highway 17. The most common problems FSP drivers assisted motorists with were mechanical issues (19%), collisions (18%), and flat tires (11%). FSP drivers spent 11 minutes, on average, assisting motorists. More than 2/3rd of all assists did not require tow service. Drivers averaged 0.4 assists per hour or 1 assist every 2.71 hours. Over 90% of motorists assisted by the FSP rate the program as good or excellent.

Annual Santa Cruz County FSP Assists

Year	Highway 1	Highway 17
FY 2016/17	513	857
FY 2015/16	766	771
FY 2014/15	768	763
FY 2013/14	721	792
FY 2012/13	787	769

Each time the FSP assists a motorist and removes a disabled vehicle from the roadway, the FSP is also helping all those motorists who are commuting on the highway at that time. The effectiveness of the FSP program is assessed by calculating the annual cost benefit (B/C) ratio of each FSP beat. The Santa Cruz County FSP program showed the following benefit cost ratios in 2015/16¹:

FSP Beat	Benefit Cost Ratio
Highway 1	4:1
Highway 17	3:1
Santa Cruz County Average	3:1

Annual savings in incident delay, fuel consumption and air pollutant emissions due to FSP service are calculated based on the number of assists, beat geometries and traffic volumes. The savings are then translated into benefits using monetary values for delay (\$18.00/vehicle-hour) and fuel consumption (\$2.92/gallon).

There are a number of additional benefits which are not quantified or assigned a dollar value in the studies and therefore are not included in the benefit cost ratio. These benefits include reduction of auto emissions, benefits to the assisted motorists, benefits to the CHP, benefits to freeway operators, improved safety and reduction of secondary collisions.

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). Santa Cruz County FSP is estimated to receive \$166,187 in allocations for FY 17/18. The allocation requires a match of 25% from the administering agencies to support the FSP program. Historically, the FSP matching funds from Santa Cruz County has been approximately 40 to 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, and Regional Surface Transportation Program (RSTP) funds. With the passage of Measure D in November 2016 and State Bill 1 in May 2017, additional funds are expected for use with the FSP program.

¹ Caltrans FSP MIS Annual Report, FY 2015-2016; *most current report available*

Roadshow: Highway 17 driver wants to ban ‘dangerous’ detour

By GARY RICHARDS | g-richards@bayareanewsgroup.com |

PUBLISHED: March 21, 2017 at 7:00 am | UPDATED: March 21, 2017 at 7:07 am

Q Please help the Highway 17 evening commute.

Robert Hull

Scotts Valley

A We know most of the problems — landslides, closed lanes, shoulder work, etc. But not all of them, apparently. What’s up?

Q San Jose-Soquel Road is closed until they build a bridge replacement. Southbound commuters who were using Summit Road and San Jose-Soquel Road are now continuing on Highway 17 to Vine Hill Road, where there is a left-turn lane across north 17.

As a result, the pocket lane fills up during the evening commute. This backs up onto the through lane and creates a dangerous stop-and-slow situation. I have seen several accidents because of this. Please ask the gods at Caltrans and CHP to prohibit the left turn at Vine Hill between 3 p.m. and 7 p.m.

Or maybe your readers have a better solution.

Robert Hull

A Caltrans officials say they will not ban left turns, fearing that could make matters worse by catching drivers by surprise. They passed this onto the Highway Patrol to consider stepped-up enforcement when backups extend onto 17.

Some day there will be an interchange here, but that is a long way off.

For now, state crews hope they can address most of the storm-related problems in two more months. But they are nervously watching predictions for more rain in the coming days.

Q Needless to say, we Santa Cruz Mountain residents have had our problems this year. Even with the sun out, there is still one problem that causes a daily accident, not just a fender-bender but cars on their sides and roofs.

This takes place on southbound 17 at Big Moody Curve. Water is still coming down the hillside onto the highway. Why in the world has Caltrans not put up a sign that warns motorists of the wet pavement ahead?

Steve Nutting

Los Gatos

A One should be coming. But anyone driving through here needs to slow down.

Q Can we get the Highway 17 southbound sign that shows commute times to various locations moved? Right now it is past the last exit to Los Gatos. This defeats the purpose of us being able to make another choice on how we get home.

Heather Hedstrom

A Maybe. Caltrans will consider moving the electronic sign before the exit to Highway 9 when it needs replacing in future years.

Q There's a sign near Lexington Reservoir that Bear Creek Road is closed because of a sinkhole. This has shut down an important commuter route, and no information seems available anywhere.

Joseph Mosko

Boulder Creek

A Bear Creek Road is closed at several locations in Santa Cruz and Santa Clara counties due to damaged culverts, landslides, etc. Check out www.sccgov.org/roadclosures or www.sccroadclosure.org/.

Highway 17 traffic collisions skyrocket



The crash area looking north shows one trailer on the far left and the rest of the big rig on the right at the scene of a fatal accident involving a big rig and several cars on northbound Highway 17 just before the Bear Creek Road exit in July 2014. Daniel McGuire died in the early morning accident closed the northbound lanes and several area roads. (Dan Honda/Bay Area News Group file)

By Gary Richards, Bay Area News Group

POSTED: 04/15/17, 3:52 PM PDT | UPDATED: 1 DAY AGO
34 COMMENTS



Vehicle scrapes can be seen dug into the Laurel Curve center divider barriers installed one year ago, indicating how many cars and trucks would have crossed into Highway 17 oncoming traffic. Collisions have since been reduced at the previously dangerous curve. (Dan Coyro/Sentinel file)

Traffic crashes on Highway 17 rose a staggering 34 percent last year to the highest level in at least 13 years, prompting the CHP to step up patrols on the scenic but treacherous road that serves as the primary link for thousands of commuters between Santa Cruz and the South Bay.

The 983 collisions in 2016 came during a winter of heavy rains and reduced enforcement, producing the highest tally since an intensive safety campaign kicked off in 2003 and the California Highway Patrol started tracking annual crashes, injuries and fatalities. And they were far higher than the 664 tallied in 2015.

“It’s not looking too good,” said Ginger Dykaar of the Safe on 17 committee, a coalition of three dozen traffic officials, police, firefighters and elected officials from Santa Cruz and Santa Clara counties that has pushed for safety upgrades for nearly two decades. “We need to come up with solutions.”

And fast.

Enter the CHP, which has six more officers who have just completed training and a couple ready to roll on 17 and adjacent routes. Since 2015, the CHP has had as few as two troopers working the four-lane highway from Scotts Valley to Los Gatos, though a half dozen had patrolled it before.

The rising crash numbers come on top of the worst winter in decades for the highway's commuters, as heavy rains spawned mudslides and repeated lane closures that left motorists idling for hours or forced them into lengthy detours.

There are several factors in play behind the rash of crashes, with people on cellphones and increased traffic being major contributors, according to the CHP. But driving too fast for the conditions is the biggest reason for the high crash rate.

"We need to really hammer speed enforcement on 17," said CHP spokeswoman Trista Drake.

Budget cuts for officer overtime hampered enforcement on the highway in recent years, Drake said, but some of that money has since been restored.

SAFETY CAMPAIGN

High numbers of crashes and fatalities in the 1990s spurred a safety campaign that led to nearly \$250 million in spending since 2003 on various roadway improvements, including median barriers, wider shoulders, anti-skid pavement, flashing warning signs and tree removal. It was spurred by a particularly bloody 1996 that saw 793 crashes, 151 injuries and nine deaths.

Advertisement

Though the number of Highway 17 crashes soared even higher than that in 2016, injuries and fatalities have not risen accordingly. Since 2003, injuries have fluctuated from a high of 187 in 2015 to a low of 126 in 2011, with 160 last year. There were two fatalities in 2016, none the year before and no more than four in any year since 2003.

The spike in accidents has some looking into the possibility of legislation to legalize speed enforcement cameras on Highway 17, where the speed limit is 50 mph but many drivers hit 65 mph or more even when the pavement is wet.

"Fatalities and crashes are up across the nation and in California," said Laura Wells of the San Jose Department of Transportation who last month told the Highway 17 group about the possibility of using speed cameras on streets with a speed limit of 50 mph or less in San Jose and San Francisco.

“These are preventable,” she said. “We can implement technological policies to prevent this.”

Later this year a paving project will begin on the Santa Cruz County side of the hill and in 2020 on the Santa Clara County side.

“If there is just a little water on it, this road is really dangerous,” said Kevin Korth, the California representative for the Federal Highway Administration.

There are long-range plans for a \$450 million effort to ban left turns, make 32 roadside changes and build interchanges at places like Vine Hill Road. Some money from a higher gas tax could be considered for this work.

RAIN, MUDSLIDES

The recent hard rains and mudslides could make 2017 numbers even worse. At Big Moody Curve, some drivers say there seems to be a rollover or spin-out crash nearly every day.

“While a long-term fix is clearly needed, something needs to happen now,” said Angela Hedges of Redwood Estates. “Flashing lights, flares, signs, anything. How many more accidents need to happen here until something can be done?”

The CHP isn’t sold on cameras on 17. “We generally dislike automated enforcement,” said Officer Ross Lee “because it does not allow any discretion that an officer would have based on traffic conditions, roadway configurations, and other extenuating circumstances that influence appropriate enforcement.”

Oh, come on, say drivers.

“Speeding is rampant because there is no enforcement,” said Karen Armstrong of San Jose. “Cameras are an obvious choice to curb the speeding.”

Roadshow: Highway 17 drivers' shortcut requires dangerous turn



Wintertime detours have led to some scary turning habits among Highway 17 drivers. (George Sakkestad photo)

By **GARY RICHARDS** | grichards@bayareanewsgroup.com | Bay Area News Group
PUBLISHED: June 26, 2017 at 4:00 am | UPDATED: June 26, 2017 at 1:30 pm

Q: This past winter, many commuters discovered Vine Hill Road as a shortcut on Highway 17 to avoid traffic backed up by the mudslides. Now, during the evening commute on 17, drivers line up to make the left turn onto Vine Hill, which causes a backup in the southbound lanes. On some days, traffic backs up to the Summit in both lanes. In addition, these drivers have to cross over the two-lane northbound traffic, which is extremely dangerous. Can Caltrans limit this left turn during commute hours?

Joe Commuter

A: Oh, brother. I've been pleading with Caltrans for nearly five months to see if there is anything that can be done.

Roadshow: Stay off my street! Waze woes spreading to more cities

Q: With San Jose-Soquel Road closed, the use of Vine Hill from southbound 17 is a disaster waiting to happen. The other day, after a quarter-mile of lane 1 backup and lane 2 moving slowly, the person in front of me in lane 2 actually stopped in the middle of lane at the Vine Hill intersection and put on their left-turn signal light to force their way into the queue. ... After reading Caltrans' comments on not allowing turns from 3 to 7 p.m., I can only say that Caltrans has been wrong before.

Steve Taty and so many others

A: These complaints went to the Caltrans operations unit. Officials say they'll continue to monitor the area but that no changes are planned. They fear that a ban on left turns, a temporary traffic light and cops directing traffic might make it worse.

Q: I heard from a friend that Caltrans was considering blocking all turns across Highway 17 traffic, as it's very dangerous. I would support this idea. It's reached the point of insanity.

Doug Lange

A: It has indeed, with crashes on the rise. There are long-range plans — *really* long range, as in a couple of decades — to build several new interchanges and to ban nearly all left turns on the Santa Cruz County side. While this will not add more lanes, it may reduce those frightening left turns between Granite Creek Road and the Summit. Go to www.ca-hwy17amp.org for more information.

Q: Do you know anything about the work happening on Summit Road this week? The sign leaving Los Gatos said "Summit Rd Exit closed 6-26 to 6-28 8 a.m. to 4 p.m." There are already cones along Summit west of 17, and "Road Work Ahead" signs up at intersections.

Angela Hedges

Los Gatos

A: Crews will be making pavement repairs and striping the ramps.

Q: And what's the reason why this Highway 17 work can't be done at night?

Terry Swinggi

A: Believe it or not, despite the scorching 100-degree-plus heat it's not warm enough in the mountains at night. They need around 55 degrees for everything to stick.

Join Gary Richards for an hourlong chat noon Wednesday at www.mercurynews.com/

Los Gatos: Alcohol suspected in fatal Highway 17 crash

 [mercurynews.com/2017/08/20/santa-clara-co-at-least-1-dead-in-collision-on-hwy-17-at-hebard-road/](https://www.mercurynews.com/2017/08/20/santa-clara-co-at-least-1-dead-in-collision-on-hwy-17-at-hebard-road/)

Eric Kurhi

8/20/2017

Northbound Highway 17 at Hebard Road, site of Sunday's crash

Alcohol was believed to be a factor in a fatal crash early Sunday that sent a car tumbling down a steep embankment off Highway 17 near Lexington Reservoir, authorities say.

According to the California Highway Patrol, a call shortly before 1 a.m. Sunday reported that a car had gone down the hill off the northbound lanes of the highway north of Redwood Estates.

Stay up to date on breaking news with our mobile app from the [Apple app store](#) or the [Google Play store](#).

Officers found one person outside the car, not breathing, and another inside the vehicle with head injuries described as minor.

The person outside the car is believed to have been thrown from the vehicle as it rolled 300 to 500 feet down the hillside, smashing through trees. That person, believed to have been the passenger, was pronounced dead at the scene.

The other occupant of the car, a female who is believed to be the driver, was taken to Valley Medical Center.

The identities of the people in the single-car crash were not immediately available.

From: [Douglas Ley](#)
To: [Ginger Dykaar](#)
Subject: More on Highway 17
Date: Monday, August 07, 2017 5:52:18 PM

Another idea: using the big electronic billboard in Scotts Valley to announce every day for 17 over the hill:

- A. The number of hours since an accident.
- B. The number of days since an injury accident
- C. The number of days since a fatality.

Accompanied by a big SLOW DOWN THIS IS A DANGEROUS HIGHWAY

Douglas P. Ley, Managing Partner
Redtree Partners LP
1362 Pacific Avenue, Santa Cruz, CA 95060
831.346.6414

Santa Cruz CHP Collision Summary for SR-17

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
JANUARY	PDO	17	14	18	26	21	32	34	19	22	16	24	11	11	11	9	10	56	46
	INJURY	8	5	9	12	6	6	10	9	6	9	13	9	10	3	3	4	14	20
	FATAL	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0
	TOTAL	25	19	27	39	27	38	44	28	28	26	38	20	21	14	13	14	70	66
FEBRUARY	PDO	43	14	17	35	41	45	25	28	31	16	20	15	23	8	32	36	17	23
	INJURY	9	5	4	9	16	17	4	10	9	15	4	7	10	5	14	7	5	11
	FATAL	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	52	19	21	44	58	62	29	38	40	31	24	22	33	13	46	43	22	34
MARCH	PDO	26	22	29	23	11	38	35	18	17	13	26	26	30	16	20	17	55	25
	INJURY	6	5	11	9	7	16	14	2	6	13	7	14	20	6	13	8	22	11
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	TOTAL	32	27	40	32	18	54	49	20	23	26	33	40	51	22	33	25	77	36
APRIL	PDO	13	24	22	59	16	45	41	22	20	18	28	18	15	13	19	18	31	48
	INJURY	9	5	7	16	4	11	11	7	10	12	6	4	9	10	8	7	9	16
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	22	29	29	75	20	56	52	29	30	30	34	22	24	23	27	25	40	64
MAY	PDO	25	19	13	24	15	39	16	24	10	12	26	18	11	11	16	23	29	16
	INJURY	15	13	7	11	5	13	8	9	5	16	8	7	6	8	9	7	10	10
	FATAL	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	40	33	20	35	20	52	25	33	15	28	34	25	17	19	25	30	39	26
JUNE	PDO	15	14	11	23	6	24	13	15	10	13	11	9	14	11	11	14	18	20
	INJURY	3	2	6	4	2	3	6	1	6	6	4	9	10	9	6	4	10	13
	FATAL	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	TOTAL	18	17	17	28	8	27	19	16	16	19	15	18	24	21	17	18	28	33
JULY	PDO	15	14	20	18	14	9	16	18	14	10	11	19	24	9	12	15	15	22
	INJURY	7	8	5	4	5	5	4	4	6	6	9	5	9	10	9	7	8	9
	FATAL	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
	TOTAL	22	22	25	23	19	15	20	23	20	16	20	24	33	19	21	22	23	31
AUGUST	PDO	22	10	5	17	20	6	16	11	15	8	11	11	9	8	12	14	28	
	INJURY	7	7	4	7	7	4	5	4	4	1	5	2	4	4	5	4	7	
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL	29	17	9	24	27	10	21	15	19	9	16	13	13	12	17	18	35	0
SEPTEMBER	PDO	20	16	12	12	13	4	13	9	5	8	11	7	14	14	22	14	24	
	INJURY	8	4	8	1	6	6	4	3	9	7	7	7	4	5	9	11	8	
	FATAL	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL	28	20	21	13	19	10	17	12	14	15	18	14	18	19	31	25	32	0
OCTOBER	PDO	13	20	16	17	44	27	13	21	13	9	12	25	15	17	19	15	89	
	INJURY	8	2	5	9	6	12	3	9	3	5	13	8	10	4	14	7	20	
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL	21	22	21	26	50	39	16	30	16	14	25	33	25	21	33	22	109	0
NOVEMBER	PDO	16	26	23	28	21	47	36	11	19	13	27	16	29	20	39	15	48	
	INJURY	8	13	10	9	8	13	12	8	5	7	11	6	8	3	10	6	13	
	FATAL	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL	24	39	34	38	29	60	48	19	24	20	38	22	37	23	49	21	61	0
DECEMBER	PDO	9	28	48	60	43	43	21	34	21	16	45	7	30	13	20	49	52	
	INJURY	4	11	15	22	10	17	3	19	5	10	16	6	8	2	9	21	19	
	FATAL	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	
	TOTAL	13	39	63	82	53	62	24	53	26	27	61	13	38	15	29	70	71	0

TOTAL PDO:	234	221	234	342	265	359	279	230	197	152	252	182	225	151	231	240	462	200
TOTAL INJURY:	92	80	91	113	82	123	84	85	74	107	103	84	108	69	109	93	145	90
TOTAL FATALITIES:	0	2	2	4	1	3	1	1	0	2	1	0	1	1	1	0	0	0
TOTAL COLLISIONS:	326	303	327	459	348	485	364	316	271	261	356	266	334	221	341	333	607	290

San Jose Area CHP Collision Summary for SR-17

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
JANUARY	PDO	24	13	9	12	18	11	19	11	8	5	9	17	6	8	14	15	18	24
	INJURY	8	2	2	5	8	3	2	6	5	4	4	3	3	0	3	4	7	13
	FATAL	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
	TOTAL	32	15	11	17	27	14	21	17	13	9	13	20	9	8	18	19	25	37
FEBRUARY	PDO	32	7	11	8	11	10	7	14	14	12	6	11	8	15	16	10	13	35
	INJURY	10	2	5	2	7	5	4	6	6	6	5	2	3	6	7	9	7	9
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	42	9	16	10	18	15	11	20	20	18	11	13	11	21	23	19	20	44
MARCH	PDO	20	20	5	17	10	19	13	11	5	14	11	17	12	14	12	22	45	29
	INJURY	7	5	5	5	9	3	3	3	3	2	5	4	1	8	7	9	14	16
	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	TOTAL	28	25	10	22	19	22	16	14	8	16	16	21	13	22	19	31	60	45
APRIL	PDO	23	12	16	16	9	11	15	5	8	10	9	10	16	10	14	26	24	33
	INJURY	3	3	4	7	5	4	7	7	3	5	6	3	5	9	8	7	9	21
	FATAL	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0
	TOTAL	26	15	20	23	14	15	23	12	12	15	15	13	22	19	22	33	34	54
MAY	PDO	27	16	9	5	13	13	10	5	5	16	11	10	11	2	14	25	16	25
	INJURY	10	5	3	2	6	6	7	0	7	5	4	4	2	5	5	10	10	9
	FATAL	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	37	21	12	7	20	19	17	5	12	21	15	14	13	7	19	35	26	34
JUNE	PDO	17	12	17	10	6	9	13	9	3	13	15	16	20	12	8	19	18	17
	INJURY	4	3	4	3	4	3	2	3	4	2	3	4	4	5	4	9	7	4
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	21	15	21	13	10	12	15	12	7	15	18	20	24	17	12	28	25	21
JULY	PDO	18	12	15	13	17	15	10	9	8	7	16	14	5	12	14	15	16	12
	INJURY	5	4	4	4	6	1	5	3	6	2	7	5	8	6	6	10	11	8
	FATAL	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
	TOTAL	23	17	19	17	23	16	15	12	14	9	24	19	13	18	21	25	27	20
AUGUST	PDO	14	13	15	12	9	13	9	13	10	9	8	14	10	15	11	18	13	6
	INJURY	5	7	3	6	4	2	1	2	7	2	8	6	4	6	3	5	6	0
	FATAL	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	19	21	18	18	14	15	10	15	17	11	16	20	14	21	14	23	19	6
SEPTEMBER	PDO	20	21	3	11	10	6	5	8	10	7	10	9	13	18	17	20	15	
	INJURY	10	4	4	5	4	3	0	1	2	0	4	1	4	5	3	8	5	
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL	30	25	7	16	14	9	5	9	12	7	14	10	17	23	20	28	20	0
OCTOBER	PDO	14	18	12	19	17	21	13	14	10	8	30	14	12	6	26	25	29	
	INJURY	2	7	2	2	5	8	5	6	3	3	2	5	3	5	4	6	18	
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL	16	25	14	21	22	29	18	20	13	11	32	19	15	11	30	31	47	0
NOVEMBER	PDO	16	16	10	22	12	11	11	7	20	11	12	9	12	14	17	18	27	
	INJURY	4	1	4	6	3	8	6	3	9	1	6	4	4	7	7	9	6	
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL	20	17	14	28	15	19	17	10	29	12	18	13	16	21	24	27	33	0
DECEMBER	PDO	15	15	23	20	16	16	10	13	20	11	7	8	10	7	15	24	25	
	INJURY	6	5	5	6	6	6	7	4	3	4	7	1	1	3	5	8	21	
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
	TOTAL	21	20	28	26	22	22	17	17	23	15	14	9	11	11	20	32	46	0

TOTAL PDO:	240	175	145	165	148	155	135	119	121	123	144	149	135	133	178	237	259	181
TOTAL INJURY:	74	48	45	53	67	52	49	44	58	36	61	42	42	65	62	94	115	80
TOTAL FATALITIES:	1	2	0	0	3	0	1	0	1	0	1	0	1	1	2	0	2	0
TOTAL COLLISIONS:	315	225	190	218	218	207	185	163	180	159	206	191	178	199	242	331	376	261

Extra California Highway Patrol Hours Worked on Highway 17

San Jose Area

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
JANUARY	0	84	0	0	0	36	40	0	16	28	20
FEBRUARY	8	20	0	0	0	44	56	0	29	36	28
MARCH	44	44	0	0	152	36	44	88	43	36	0
APRIL	0	0	0	0	232	48	68	84	36	60	114.5
MAY	116	0	0	0	180	68	68	56	68	76	114.5
JUNE	121	0	0	22	48	132	64	380	49	16	51.5
JULY	52	56	0	0	28	0	0	0	20	28	0
AUGUST	76	104	130.5	0	32	0	0	42	28	4	42
SEPTEMBER	40	8	204	0	52	56	0	96	48	36	
OCTOBER	4	0	36	0	32	60	0	36	28	32	
NOVEMBER	248	8	220	0	40	48	0	32	24	53.5	
DECEMBER	200	382	0	0	32	48	0	24	48	39	
TOTAL	909	706	590.5	22	828	576	340	838	437	444.5	370.5

Santa Cruz Area

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	6	0	30.5	32	0	48	9	48	22	106	30
	90	28	0	24	0	70.5	36	72	18	6	54
	70.5	38.5	0	28	18	66	61	60	37	0	
	42	20	36	28	88	58.5	117.5	64	45	61	
	42.5	3	66	42.5	86.5	60	104	44	83	112	
	46	50	28	44	64	66	75.5	39	0	54	
	56	34	52.25	32.5	81	0	86.5	32	42	66.5	
	36	37.5	20	51	107	6	108.8	71	36	60	
	28.5	33.5	34	25.5	84.5	79	97	63.5	38	24	
	26	55	53.5	0	57	70	42	45	30	34	
	49.5	198	28	0	60	76	75	70	48	58	
	72	239	50.5	0	54	81	0	56	0	53.5	
TOTAL	565	736.5	398.75	307.5	700	681	812.3	664.5	399	635	84



PROJECT UPDATE – SANTA CRUZ COUNTY

PREPARED FOR THE SEPTEMBER 7, 2017 SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION MEETING

CONSTRUCTION PROJECTS

	Project	Location/ Post Mile (PM)	Description	Construction Timeline	Construction Cost	Funding Source	Project Manager (Resident Engineer)	Contractor	Comments
1.	Highway 17 Storm Water Mitigation (0Q600)	On SR 17 just north of the fishhook to Sims Road (PM 0.7-1.4)	Construct multiple storm water mitigation improvements	Winter 2017-Summer 2020	\$7.4 million	SHOPP	Doug Hessing (DP)	Graniterock, Watsonville, CA	Construction timeline is winter 2017 – summer 2020. Periodic closures will occur in the right southbound lane mostly during overnight hours. Work is expected daily from 9 a.m. to 1 p.m. from September through May 2018.
2.	Highway 17 Shoulder Widening and Concrete Guardrail (0T980)	Near Scotts Valley south of Sugarloaf Road to slightly south of Laurel Road (PM 8.3-9.4)	Widen shoulder and install concrete guardrail	Spring 2016-Fall 2017/Winter 2018	\$6.2 million	SHOPP	Doug Hessing (DP)	Granite Construction, Watsonville, CA	Work continues following winter suspension. Project is scheduled for completion in fall 2017.
3.	Highway 129 Curve Realignment (0T540)	East of Watsonville between west of Old Chittenden Road and slightly east of Chittenden underpass (PM 9.5-10.0)	Realign curve	Spring 2016-Spring 2017	\$5 million	SHOPP	Doug Hessing (KB)	Graniterock, Watsonville, CA	Project is scheduled to be in plant establishment after construction is completed.
4.	Highway 152 Centerline Rumble Strip (1G400)	From the Casserly Road/Carlton Road intersection to the Santa Cruz/Santa Clara County line (PM 3.7-8.3)	Install centerline rumble strip	Fall 2016-Summer 2017	\$9.6 million	SHOPP	Doug Hessing (SG)	Chrip Company, Fremont, CA	Project is scheduled for completion in summer 2017.
5.	Highway 236 Resurfacing (1F340)	From Boulder Creek to Waterman Gap (PM 0.0-16.0)	Resurface the existing roadway	Fall 2016-Summer 2017	\$3.5 million	Maintenance	Kelly McClain (KB)	Graniterock, Watsonville, CA	Work is scheduled to resume in summer 2017.



PROJECT UPDATE – SANTA CRUZ COUNTY

PREPARED FOR THE SEPTEMBER 7, 2017 SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION MEETING

CONSTRUCTION PROJECTS (CONTINUED)

	Project	Location/ Post Mile (PM)	Description	Construction Timeline	Construction Cost	Funding Source	Project Manager	Contractor	Comments
6.	Highway 129 Open Grade Overlay and Metal Beam Guardrail Upgrade (1F030)	From just east of Watsonville to School Road (PM 1.8/9.9 & SBt PM 0.0/0.4)	Place open graded friction course and replace, raise, and update the existing metal beam guardrail and end treatments	Summer 2017 - Summer 2018	\$5.5 million	SHOPP	Doug Hessing	Granite Rock Company	Construction contract was awarded in May 2017. Project is scheduled to begin construction in summer 2017.

PROJECTS IN DEVELOPMENT

	Project	Location/ Post Mile (PM)	Description	Construction Timeline	Estimated Construction Cost	Funding Source	Project Manager	Phase	Comments
7.	Highway 1 Pavement Overlay (1C850)	From North Aptos underpass to State Route (SR) 9 (PM 10.2-17.5)	Pavement overlay	2018	\$14.9 million	SHOPP	Luis Duazo	Design	Project is on schedule.
8.	Highway 1/ Highway 17 Ramp Safety Improvements (1H060)	From just south of the fishhook to just south of Pasatiempo overcrossing (PM 16.7)	Construct ramp safety improvements	2019	\$5.8 million	SHOPP	Luis Duazo	PA&ED	Project is on schedule.
9.	Highway 9 Shoulder Widening, Guardrail Upgrades, and Center Rumble Strips (1C650)	In Castle Rock State Park, from 5 miles south of SR 35 to 3.3miles south of SR 35 (PM 22.1-23.8)	Shoulder widening, guardrail upgrades, and center rumble strips	2018	\$7.7 million	SHOPP	Doug Hessing	PA&ED	Project is scheduled to advertise for construction in summer 2018.
10.	Highway 17 Wildlife Habitat Crossing (1G260)	From Laurel Road to just north of Laurel Road (PM 9.442-9.692)	Construct wildlife undercrossing	2020	TBD	SHOPP	Aaron Henkel	PA&ED	PA&ED, PS&E, and Right-of-Way are funded through SHOPP. Construction capital is to be funded by locals with support funding not yet determined.

PA&ED: Project Approval & Environmental Document

PS&E: Plans, Specifications, and Estimate

SHOPP: Statewide Highway Operation and Protection Program



PROJECT UPDATE – SANTA CRUZ COUNTY

PREPARED FOR THE SEPTEMBER 7, 2017 SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION MEETING

PROJECTS IN DEVELOPMENT (CONTINUED)

	Project	Location/ Post Mile (PM)	Description	Construction Timeline	Estimated Construction Cost	Funding Source	Project Manager	Phase	Comments
11.	Highway 129/ Lakeview Road Intersection Improvements (1G990)	Near Watsonville, at Lakeview Road (PM 1.4)	Construct roundabout and improve street lighting	2020	\$4.5 million	SHOPP	Luis Duazo	PA&ED	Project is on schedule.
12.	Highway 129/ Carlton Road Intersection Improvements (1F350)	Near Watsonville from slightly west to slightly east of Carlton Road (PM 3.2-3.5)	Realign Carlton Road and construct a new intersection with left-turn channelization	2018	\$2 million	SHOPP	Doug Hessing	Design	Project is scheduled to advertise for construction in spring 2018.
13.	Highway 152 Americans with Disabilities Act (ADA) (1E020)	Near Watsonville from Wagner Avenue to south of Holohan Road (PM 1.3-R2.0)	Install sidewalks for ADA compliance	2018	\$1.9 million	SHOPP	Luis Duazo	Design	Project is on schedule.

PA&ED: Project Approval & Environmental Document

PS&E: Plans, Specifications, and Estimate

SHOPP: Statewide Highway Operation and Protection Program