



# “In the Works”

Striving to be the Leading Public Works Department  
Through Innovative Stewardship of Infrastructure  
and Environment

Stanislaus County  
Public Works

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## Transportation Funding in California— SB1 “Investing and Protecting our Infrastructure” Submitted by Matt Machado

The California Legislature passed Senate Bill 1 on April 6, raising gas taxes and vehicle fees in hopes of generating billions of dollars annually to fix, improve and maintain state and local roads. Governor Brown signed this historic legislation on April 28. The bill is accompanied by Assembly Constitutional Amendment No. 5 (ACA 5 [Frazier]), which provide constitutional protections for revenues. ACA 5 will go to voters for approval in June 2018.

SB1 tax increases will take affect November 1st and new vehicle registration fees will begin January 1, 2018. Fee on zero-emission vehicles will take effect July 1, 2020. To raise a projected \$5.24 billion annually, changes to taxes and fees include:

- A 12-cent increase in the gasoline excise tax
- A 20-cent increase in the diesel excise tax
- A 4 percent increase in the diesel sales tax
- A new vehicle fee, which will annually charge drivers between \$25 and \$175, depending on the value of the vehicle
- A \$100 annual fee on zero-emission vehicles
- Consumer Price Index (CPI) adjustment on excise taxes/fees

The approval of SB1 brings California’s gas excise tax to 30 cents per gallon. Raising the gas tax brings them more in line with the actual costs to maintain roads that are used and damaged by vehicles that have steadily improved in fuel efficiency while the gas tax has remained unchanged for decades. This disparity has created a backlog of deferred maintenance. In Stanislaus County alone the deferred maintenance is well in excess of \$300 million.

Revenue generated by SB1 will be spent through a number of categories and programs. Program guidelines are currently being developed. In addition to guidelines and provisions to insure affective use of revenues. SB1 also includes specific oversight rules. This oversight will include:

- Creation of the Independent Office of Audits and Investigations within Caltrans, headed by an Inspector General
- Requiring Caltrans to update the Highway Design Manual to incorporate “complete streets” concept
- Requiring increased contracts awarded to small, minority-owned, and disabled veteran-owned businesses
- Ends the Traffic Congestion Relief Program and instead creates the Solutions for Congested Corridors Program to achieve a balanced set of transportation, environmental, and community access improvements within highly congested travel corridors
- Creates an Advance Mitigation program to speed up California Environmental Quality Act (CEQA) issues and protect environmental resources.

Machado, Matt. “Transportation Funding in California—SB1 “Investing and Protecting our Infrastructure.” *Modesto Chamber of Commerce, Progress*, Aug. 2017, p. 14.

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**"Health & Safety Byte"**  
**Safety is no accident!**

**NATIONAL PREPAREDNESS MONTH**  
2017 Disasters Don't Plan Ahead. YOU CAN.

**Word of the Quarter**  
**Preparedness**

**Ethics Quotes**  
**Author Unknown**

**“Nothing ruins the truth like stretching it.”**

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# Salida Pavement Preservation Project

Submitted by Judith Buehe, Buehe Communications

Forty people gathered early Saturday morning, July 8, in the Salida Neighborhood Park to celebrate the start of the First Construction Project to be funded by Measure L.

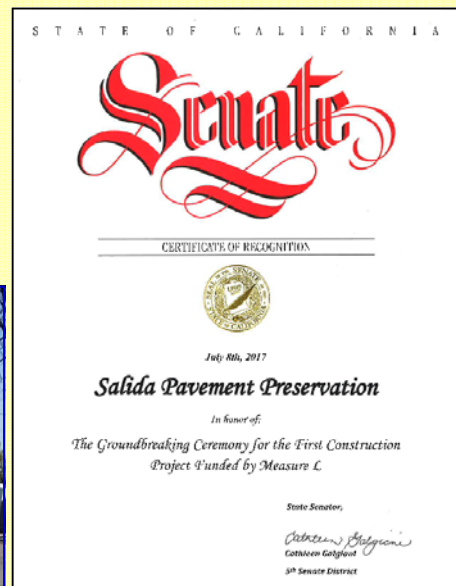
Matt Machado, Director of Stanislaus County Public Works and Master of Ceremonies for the event, welcomed the group and provided background on the project, as well as its benefits. He was joined at the podium by three other enthusiastic speakers: Terry Withrow, Stanislaus County Board of Supervisors, District 4; Bill Zoslawski, Chair of the Policy Board, Stanislaus Council of Governments; and Paul Van Konyneburg, Chair of Citizens for Better Roads & Safe Streets, that led the community effort to fund Measure L. Speakers emphasized that Measure L is Local Roads First!

Staff members of State and Congressional representatives also participated in the celebration, as did members of Salida Municipal Advisory Council, Salida Chamber of Commerce, and other local organizations.

The unique groundbreaking ceremony concluded with program participants and other community leaders sweeping the street with golden push brooms. (See photo below).

The project is underway and will be completed in September this year. Work includes pavement preservation of Salida residential streets, using slurry seal, asphalt rubberized chip seal, and micro-surfacing. The result? The work being done will seal the road surfaces to protect them from sun and rain and help keep the asphalt flexible. The roads will look new with a fresh surface and new striping. Nearly 80% of Salida streets will be resurfaced.

The overall project is one of the first to be funded by Measure L, the Transportation Ordinance and Expenditure Plan approved by Stanislaus County voters in November 2016. The Measure raised the sales tax in Stanislaus County by one-half cent for a period of 25 years to improve local streets and roads, improve connectivity, and reduce congestion.



## Interlocking Concrete Pavement Road Monitoring

By David R. Smith

This magazine's (*Interlock Design*) Winter 2016 cover story reviewed mile-long Howard Road in Westley, California. The unique aspect of this road is the heavy truck traffic. The Interlocking Concrete Pavement Institute Foundation (ICPI) funded three years of condition surveys per American Society for Testing and Materials E2840 (ASTM), plus falling weight deflectometer testing to estimate its structural capacity and remaining life. The road's owner, the Stanislaus County Public Works department, will share the cost of the monitoring study to be conducted by Applied Research Associates, Inc. The outcome of this study will likely influence the use of interlocking concrete pavement (ICP) on other roads.



Howard Road near Modesto, CA, will be systematically monitored for three years to determine how well it survives continuous truck traffic.

Smith, David R. "Interlocking Concrete Pavement Road Monitoring." *Interlock Design*, 2017, Issue 3, p. 21.



**Salida Pavement Preservation work**

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Stanislaus Regional Transit

**StaRT**

Transit Division's website is:

[www.srt.org](http://www.srt.org)

For route info call **StaRT** at  
1-800-262-1516



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Congratulations to Rich Brown (Engineering Technician in our Engineering Services division) for accepting the award on behalf of Central Valley Chapter for Chapter Newsletter of the Year 2016!! Rich is pictured below on the left, and to his right are Immediate Past President Roger Hanlin and President Ian Wilson on the far right.



**SLOW FOR THE  
CONE ZONE**

## SEPTEMBER IS NATIONAL PREPAREDNESS MONTH

The Stanislaus County Board of Supervisors approved a Resolution proclaiming September 2017 as National Preparedness Month (NPM), which serves as a reminder that we all must take action to prepare now and throughout the year, for the types of emergencies that could affect us where we live, work, and also where we visit.



This year's theme is "Disasters Don't Plan Ahead. You Can."

Make a plan for yourself, family, and friends. Start by going to <https://www.ready.gov/make-a-plan> and discuss the following with your family, friends, or household:

1. How will I receive emergency alerts and warnings?
2. What is my shelter plan?
3. What is my evacuation route?
4. What is my family/household communication plan?

It is important to consider specific needs in your household including different ages, access and functional needs, and pets. Download and fill out a family emergency plan and remember to practice your plan.



Stanislaus County residents are encouraged to register with **StanAware** to receive emergency notifications. Citizens can register a phone number or numbers to be called in the event that an emergency or disaster affects pre-selected addresses within the County. The system will dial the telephone numbers registered and residents will hear a pre-recorded message involving the emergency. The message may contain special instructions to be followed by the citizens. For more information on how to register your phone number go to: [www.stanemergency.com](http://www.stanemergency.com) and click on the "Emergency Notifications—Register Here for Alerts" icon.



## KUDOS TO OUR ROADSTEAM!!

Dave G. called to say he didn't have anything to complain about. We fixed the road quickly, did a good job, and the guys were really nice!!

Michael B. called to say thank you for the quick and efficient service in getting the potholes repaired on Swanson Road.

Ernie W. called to say thank you for fixing the pothole so quickly. She was truly amazed and grateful at how quickly we responded to her request.

John C. mailed a thank you note for the great job on Blaker Road reconditioning (chipping).

### Public Works Staff Updates

**Promotion:** **Darla Moen** (Transit Division) has been promoted to Staff Services Analyst on 8/7/17.

*Congratulations!*

**New Employees:**

**Andrew Slusky** (Road Maintenance Worker I) joined our Roads & Bridges team on 7/20/17.

**Letti Ortiz** (Manager IV) joined our Admin/Finance team on 8/5/17.

*Welcome!*