



“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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State Route 132 West Freeway/Expressway “Our Region Working Together With a Common Vision” Submitted by Matt Machado

The purpose of the project is to improve regional and interregional circulation, relieve traffic congestion along existing State Route (SR) 132 (Maze Boulevard), and enhance safety and operations for the transportation network in the area by creating a four-lane freeway/expressway on a new alignment connecting SR 132 with the City of Modesto.

The ultimate project proposes a four-lane freeway/expressway, separated grade structures at various local road crossings, a SR 99/SR 132 interchange, and SR 99 corridor connectivity improvements.

The project begins along SR 132 near the intersection of existing SR 132 (Maze Boulevard) and North Dakota Avenue and extends east of SR 99 near the existing Kansas Avenue (Franklin Street) and Needham Street intersection.

The new alignment for SR 132 is located north of existing SR132 (Maze Boulevard) alignment and south of the Kansas Avenue alignment, between North Dakota Avenue and SR 99. The project limits also include a portion of SR 99 from existing I Street overcrossing to south of Woodland Avenue overcrossing.

The project is proposed to be constructed in two phases. Phase 1, in general, would construct a two-lane expressway on new alignment. Phase 2, in general, would construct the remaining portion of the proposed four-lane freeway/expressway, the proposed SR 132/Carpenter Road interchange and SR 99 corridor connectivity improvements.

In Phase 1, which is slated for completion in 2020, a SR 132 two-lane expressway would be constructed with full access control and grade separations at Rosemore Avenue, Carpenter Road, Emerald Avenue and SR 99 between North Dakota Avenue and east of SR 99. Controlled intersections are proposed for existing SR 132/North Dakota Avenue, proposed SR 132/North Dakota Avenue, proposed realigned Kansas Avenue/North Dakota Avenue, and proposed realigned SR 132/Kansas Avenue/Needham Street. In addition, the project would make improvements to the 5th and 6th Street connections to the new SR 132 expressway. North of Maze Boulevard, the expressway would allow access from private driveways along North Dakota Avenue.

The Phase 1 project area includes approximately 160,000 cubic yards of contaminated soil stockpiled within existing State right-of-way, located along the proposed SR 132 alignment. Remediation of the soil stockpiles would occur mostly within Phase 1.

In Phase 2, which is slated for completion in 2028, the remaining portion of a proposed SR 132 four-lane Freeway/Expressway would be constructed and the SR 99 connectivity improvements would be built.

In addition to the SR 132 roadway, a partial single point urban interchange would be constructed at North Carpenter Road.

Furthermore, a new SR 99 / realigned SR 132 freeway to freeway interchange is proposed as well as several ramp modifications and improvements along the SR 99 Corridor in Modesto.



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**“Do what is right,
not what is easy.”**

**"Health & Safety
Byte"
Buckle Up and
Stay Focused
While Driving!**

Safety is no accident!

**Civility Principle:
“Accept & Give
Constructive
Criticism”**



Public Works Morgan Shop and Administration Building Reconstruction Project

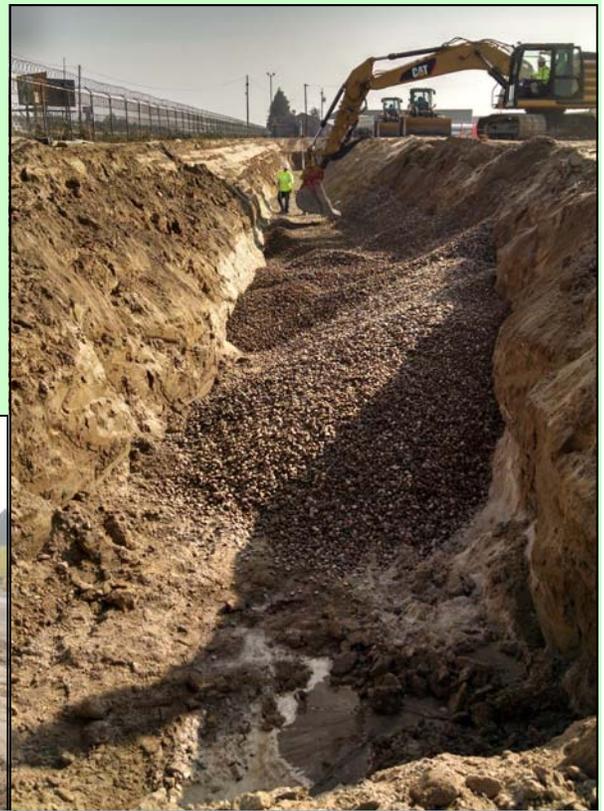
Article and Photos Submitted by Colt Esenwein

Chances are that you have at least some knowledge of the Public Works Morgan Shop and Administration Building Reconstruction Project. The Project will replace our old dilapidated structures including: administration, vehicle maintenance shop, sign shop, carpenter's shop, with a 50,000 square foot modern facility. We're hoping to start construction this winter and move into the new buildings in May 2017.

What you might not know is that the Stanislaus County Public Works Road and Bridges Division has quite a few talented and extremely motivated staff. Not only are they road workers, but they are also concrete finishers, carpenters, pipe fitters, steel workers, welders, electricians, HVAC (heating, ventilating, and air conditioning) specialists, IT (information technology) professionals, utility pole linemen, painters, landscapers, and movers. The road crew was responsible for making several vital mini-projects, some not so mini, happen before we could get to the recent project bid-opening.

Underground Stormwater Retention/Recharge System

One thing that we learned from the "Pineapple Express" storm we experienced in the winter of 2014, is that our site drainage needed to be improved for the new facility. Public Works staff designed a 700 foot long linear storm drainage retention and recharge system. The roads crew ordered and installed all the rock and corrugated metal pipe needed for the system. When the pipe showed up to the site welded incorrectly, that did not stop our road crew which disassembled the pipe and re-welded it correctly and had it installed in about a week, start to finish.



Sweeper/Vactor Pad (Photos on right)

In order to demolish the shop building, we would need to move the vehicle wash bay to another location on site. We also needed to better manage our vactor and sweeper spoils. The road crew and the shop staff worked together to design and construct our new sweeper/vactor pad, oil/water separator and vehicle lift/wash bay with a recycled water system.



Morgan Shop Demolition Preparation

Knowing that we had to demolish part of the existing Morgan Shop prior to construction of the new facility, we had the challenge of disconnecting utilities and winterizing the remainder of the building. The shop staff moved equipment around and sent unused, antiquated equipment to surplus and disconnected utilities while the talented carpenters built the shop a new outside wall.

Road Crew Assembly Rooms and Offices

The road and bridge crews had to plan three moves for this project. First, they had to vacate the triple wide trailer, moving into the map/file room so that the Parks Department could move from their building. Next, they remediated all the dirt and bio-waste from the vacated building, constructed new crew rooms complete with doors and windows, modified the electrical and HVAC systems, and provided telecommunications ports throughout the temporary offices. Finally, they moved again, vacating the soon to be demolished map/file room, into the improved offices.

The only question left is not what can these rockstars do, but when are they going to start on the new building? Randy Avants, Brian England, Darren Teeple, Keith Wilcox, Eric Moore, Bill Martins, Joe Duarte, Steuart Holt, Isaac Angel, Scott Waddell, Kevin Thatcher, Brian Conroy, Tate Hoffman, Rick McElligott, and everyone else that had a hand in it. Thank you for all you do. We wouldn't have gotten here without you!

Construction Engineering 2015 Project Schedule Update

<u>Project</u>	<u>Start Date</u>	<u>Completion Date</u>
State Route 99/State Route 219 (Kiernan Ave) Interchange	April 2013	May 2016
Claribel Road Widening	May 2014	November 2015
Crows Landing Road @ West Main Street Traffic Signals	June 2015	November 2015
Geer Road Bridge - Seismic Retrofit <i>(See photos on page 4)</i>	August 2015	November 2015
Pete Miller Road Bridge - Seismic Retrofit	September 2015	December 2015
Claribel Road @ Terminal Avenue Traffic Signals	September 2015	December 2015
Central Avenue @ E Taylor Road intersection	October 2015	November 2015
Hatch Road Channelization - Phase 2	October 2015	December 2015
Hatch Road @ Santa Fe Avenue Traffic Signals	February 2016	April 2016
Morgan Road Heavy Equipment Shop & Admin. Building	February 2016	May 2017

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Stanislaus Regional Transit

StaRT

Transit Division's website is:
www.srt.org
For route info call **StaRT** at
1-800-262-1516

Stanislaus County Public Works



Public Works' 2014 Annual Report is available online at the link below.

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<http://www.stancounty.com/publicworks/pdf/2014-annual-report.pdf>



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SEPTEMBER IS NATIONAL PREPAREDNESS MONTH!



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Public Works Staff Updates

New Employees:

Sang Nguyen (Senior Engineering Technician) joined our Design Engineering Division on 8/24/15.

Noe Valles (Road Maintenance Worker) joined our Roads & Bridges Division on 9/28/15.

Welcome aboard!

Promotions:

James Sanchez was promoted to Senior Road Maintenance Worker in our Roads & Bridges Division on 8/24/15.

Congratulations!

Birth:

Andrew Malizia, Associate Civil Engineer in our Traffic Engineering Division has a new daughter named Morgan who was born on 7/29/15.

Congratulations!

Departures:

Angelica Arellano (Confidential Assistant III) transferred to the Department of Child Support Services on 9/19/15.

Joann Schmidt (Accountant II) transferred to Community Services Agency on 9/19/15.

Best wishes!



Geer Road Bridge—Seismic Retrofit