

## 2012 Project Accomplishments

Submitted by Chris Brady

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✓ **Howard Road Bike Path Improvements, Westley, CA**

Improvements consisted of asphalt concrete pavement widening, pavement delineation, and bikeway traffic control devices. Total Cost was \$116,113.



✓ **RSTP (Regional Surface Transportation Program) Overlay Phase D – Central Avenue, Keves Road, Paradise Road**

Improvements consisted of an asphalt overlay, shoulder backing, and pavement delineation. Total cost was \$2,869,408.

Before



After



✓ **Las Palmas Avenue at Elm Avenue & Sycamore Avenue Traffic Signal Improvements, Patterson, CA**

Improvements included traffic signal installation at Elm Avenue and at Sycamore Avenue. In addition, there was asphalt concrete pavement widening and overlay performed, storm drain swales graded, and pavement delineation placed at the intersections. Total cost is approximately \$1.2 million.



✓ **SR 99/SR 219 (Kiernan Avenue) Interchange, Salida, CA**—Completed Design, Bid and Awarded. Construction Spring 2013 to Fall 2015.



SR 99/SR 219 (Kiernan Avenue) Interchange

✓ **Pavement Management System**—Developed a road data management program to work with the Paser rating system. Federal route created and rated using Paser system. GIS (Geographical Information System) integration in Spring 2013.

**Ethics Quotes  
Albert Schweitzer**

“Ethics is nothing else than reverence for life.”

**“Health & Safety Byte”  
Submitted by Sylvia Jones**

*Safety Tips for Grocery Shopping to help prevent food poisoning*

- \*Put raw meat, poultry, eggs, fish, and shellfish in separate bags. Do not mix them with other food items.
- \*Do not buy meat or poultry that has a tear in the package or is leaking.
- \*Pick up refrigerated/frozen items at the end to keep them colder, longer.
- \*Drive directly home so you can store all foods properly. Consider getting an ice chest for perishable foods.
- \*Do not buy foods past the “sell by” or “use by” dates.
- \*Do not buy canned foods if the cans are dented, leaking, bulging, or rusting.

Kaiserpermanente.org

## Road & Bridge Division— Employee of the Year

Submitted by Gary Hayward

Who to pick? Hmm... The immediate thought that comes to mind because of the recent weather conditions is one of the dedicated employees that responds in inclement weather. They are called any time of day or night to clear roads of debris, pump water, cut trees, close roads, or place flooded barricades. This last storm it was Fred Arroyo, Bill Martins, James Sanchez, Brandon Hiemstra, Isaac Angel, Eric Moore, Steuart Holt, Ronnie Willis, and Jeff Gentleman. Though the seasons and reasons change for the employees to be called back to work, the same faces respond.

Maybe the Employee of the Year should be Charles Carpenter. His team of Alternative Work Program participants do a lot of grunt work no one likes to do, and they do it well. They wash vehicles too!

Or Keith Wilcox and Brett Johnson. They converted 350 streetlight heads from incandescent bulbs to luminare lighting. Laurie Barton acquired a federal grant for the change. Keith and Brett "got 'er done" within the deadline.

Rodger Cole who sorts through 100 underground service locate requests daily is a candidate. He also places the rubber hoses across the road to get the average daily traffic count (ADT) for the Traffic Division.

Someone from the patch team could win. Tim Morris, Joe Lomeli, Mario Acosta, Anthony Ramirez, and Fred Arroyo do an excellent job of patching potholes. They leave a straight edge of pavement and smooth patches. Take a drive. You can see, not feel their work everywhere.

The weed spray truck operators – Wes Eslinger and Bob Rocha enjoy killing weeds. It is easy to follow their "kill path" around the County. They like killing weeds as much as the street sweeping team of Jose Torres, John Ramazzina, and John Fitzpatrick like sweeping. There are a lot of obstacles when operating the street sweepers. There are hanging limbs, wires, parked cars, garbage cans, basketball hoops, and pedestrians to avoid. So far they have avoided the pedestrians! Good job guys.

Karin Tramel has obstacle issues herself to deal with when roadside mowing. She operates the tractor with a mower attachment in tall weeds. Mowing around phone pedestals, barbed wire, and hidden tires are concerns. Another is the fire danger that happens when the blade hits an object and causes a spark. That could be a quick end to a good day.

Calvin Xavier is always quick with praise for his co-workers.

Greg Guerra, Mike Martin, and Wayne McConnell have the never ending task of maintaining all of the traffic signs in Stanislaus County. All of the signage including stop, street name signs, to the "NO FISHING FROM THE BRIDGE" signs are maintained by these guys. Mike and Wayne regularly wipe off vulgar graffiti and Roman lettering. Maybe this makes one of them Employee of the Year...

Hmmm! What good are the signs if there isn't a road? Jeff Rufo, Scott Pendleton, Jorge Molina, Jason McCormick, Luke Blades, Rodrigo Rodriguez, Joe Melo, Marty Harper, Jason Lundquist, Brent Bonander, and Jonathan Freeman put the asphalt down (north parking lot). Maybe someone in this versatile group that operates the paver, grinder, rollers, loaders, graders, and haul trucks is worthy of the title. They also are the team that chip seals 50 miles of roadway each year.

But once there is a road, there must be a stripe (parking stalls in the north parking lot). And a crooked stripe erases all of the great work done by the other crews. Chuck Myer, Elliott Lea, Eric Moore, Casey Roberts, Juan Maldonado, and John Murray stripe both the edge line and centerline of approximately half of the county each year. Though the truck driver is the one that must drive straight, it takes the whole team to keep the traffic off the wet stripe and not running into each other.

The "lake" in the north parking lot isn't there any longer. Thanks to the bridge team of Larry McCormick, Bill Martins, James Sanchez, Kevin Thatcher, Joe Duarte, Brett Johnsen, Isaac Angel, Steuart Holt, and Jeff Gentleman for the drainage solution. The overtime call backs have been reduced because of this team's aggressive efforts throughout the county to eliminate surface flooding. That is Employee of the Year stuff!

*(Continued on bottom of page 3)*

## Transit Division—What a Year It Has Been!

Submitted by Eunice Lovi

The year 2012 proved to be a very busy one for the Public Works Transit Division. Staff in the Division completed a number of transit projects beginning with preparation for the August 2012 Service Improvements. The following provides a list of the Division's accomplishments for the year including:

- ♦ Improvements to existing service to improve on-time performance as well as address capacity related challenges on some routes.
- ♦ Development of transit capital projects that were incorporated into the County's Capital Improvement Plan.
- ♦ Consolidation of the Riverbank-Oakdale Transit Authority with the County operated transit system, Stanislaus Regional Transit (StaRT).
- ♦ Participation in several County-wide events to promote and market transit services offered throughout the County.
- ♦ Completed procurement of a 32 ft Compressed Natural Gas (CNG) bus to be used on the non-emergency medical transportation service which transports Stanislaus County residents to medical facilities in the Bay Area.
- ♦ Sought approval from the County Board of Supervisors to purchase four replacement buses to replace vehicles in the fleet that are close to meeting their useful service life.



- ♦ Evaluated running times on all fixed routes and began working with Storer Transit Systems to validate run times on the routes.
- ♦ Completed the Annual Transportation Development Act Audit and the Proposition 1B Transit Security Grant Compliance Review with no findings.
  - ♦ Assisted the Executive Office with Caltrans Compliance Review of the County's Americans with Disabilities Act (ADA) and Title VI Programs as it relates to transit services provided in the County.
  - ♦ Evaluated bus stops and bus shelters in StaRT service area to enable staff to develop and design the bus stop improvement program and to create a database for all bus stops.
- ♦ Completed and issued a Request for Proposal to solicit proposals to complete a comprehensive transit study of existing transit services currently operated in the County.
- ♦ Assisted with developing the new Transit Cost Sharing Procedures for funding transit operations and implementing capital projects in the County.

My sincere thanks to and appreciation of staff for all projects completed in 2012 in the Transit Division, as well as assistance from staff in other Divisions in the Public Works Department and other County Departments. We look forward to working with everyone in 2013!

## Road & Bridge Division—Employee of the Year

*(continued from page 2)*

But wait... What about Scott Waddell's efforts with the storm basin maintenance, or Mike Tackett's transfer from 15 years of being the sign/supply shop leadman to the street sweeping and roadside mowing team? Let's not forget about Jeff Chilton who is always "trying to do the right thing." The three new Road Workers – Brandon Hiemstra, Casey Roberts, and Jonathan Freeman are showing they will be considered next year. Julie Serrano and Sherry May are also Roads employees. Those two are rarely seen, but really loud when the books don't balance. Thanks to them overseeing the ordering, the supplies and materials keep coming. Now that *is* important.

Maybe it should be Matt Machado or Laurie Barton. Their direction and continued support have allowed us to be the team we are today. Or maybe it should be Road Supervisors Darren Teeple, Brian England, and Randy Avants. They deal with the project planning, schedules, personality conflicts, deadlines, and budgeting on a daily basis. All three have a great attitude, love their work, and have a desire to make improvements. Each Road Supervisor is stronger in one area of expertise than the other supervisors. The same goes for the rest of the Roads employees. Everyone has their "niche" and when used together we can maintain a safe roadway system for the traveling public. Employee of the Year? What is important to one person means diddly squat to the next person. So choose your own winner and tell them why they are your Employee of the Year.

## Public Works Morgan Shop 2012 Accomplishments

Submitted by Mel Eslinger

Not many individuals know that Public Works Morgan Shop does more than service and maintain equipment. In addition to ensuring that the Roads Department has safe and reliable equipment to accomplish their projects, Morgan Shop has several other goals. Here is a list of a few of the goals that Morgan Shop has accomplished in fiscal year 2012-2013:

- ✓ Meeting the new FCC Narrowbanding Compliance Standards (Public Works radios)  
We made a smooth and easy transition to the change in FCC frequency standards. The FCC is requiring the 25 kHz band change to 12.5 kHz to make more efficient use of the UHF and VHF frequency bands to accommodate the ever increasing numbers of users. Local government license's will need to operate using 12.5 kHz efficiency by January 1 2013. Stanislaus County Public Works radios are in full compliance.

For additional information on the FCC Narrowbanding regulations, you can access the following link:  
[http://transition.fcc.gov/pshs/docs/clearinghouse/guidelines/Narrowbanding\\_Booklet.pdf](http://transition.fcc.gov/pshs/docs/clearinghouse/guidelines/Narrowbanding_Booklet.pdf)

- ✓ Designed and purchased a new Patch Truck for increased productivity and to meet the ongoing emission standards. *See photo #1.*
- ✓ While completing annual inspection, completed major maintenance rebuild of asphalt screed on Asphalt Paving Machine.
- ✓ Designed and purchased a new Utility Spray Pickup for weed control within the County's numerous retention ponds. *See photo #2.*
- ✓ Completed custom fabrication of special parts for existing Shoulder Machine to meet new Road requirements.
- ✓ Wrote specifications and purchased 3 new pickup trucks to replace old and depleted equipment. *See photo #3.*



Patch Truck



Utility Spray Pickup Truck



Pickup Truck

# Community Service and Involvement



**Matt Machado,**  
our Public Works Director  
received his  
5 year service award from our new  
Chief Executive Officer, **Monica Nino**

## Public Works 2012 Service Award Recipients

**5 Years**  
Brent Bonander  
Rich Brown  
Laura Janovich  
Sylvia Jones  
Joe Melo  
Edward Soares  
Kevin Thatcher  
Ronnie Willis

**10 Years**  
Annette Borrelli  
Larry Fontana  
Elliot Lea  
Michael Luevano  
Sherry Rowe  
David Stacy  
Charles Vasquez

**15 Years**  
Rodger Cole  
Larry McCormick  
Olivia Tanner

**20 Years**  
Markaine Hamblin  
Roger Nelson  
Jeff Rufo  
Norma Williams



**Congratulations and  
thank you for your  
dedication.**



Total Public Works' contribution was \$1,320  
to the United Way of Stanislaus County



**Heart Walk 2012**  
Public Works raised \$630  
for the American Heart  
Association



**Daffodil Days 2012**  
Public Works employees donated \$405 to the  
American Cancer Society



Public Works 2012 holiday project was donating to the Marine Corps  
Toys for Tots. Our department generously gave two full boxes of toys!

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[www.stancounty.com/publicworks](http://www.stancounty.com/publicworks)

*Articles by Public Works Writers*

*Published by Keimi Espinoza* 

**Our Public Works**  
**2011 Annual Report is available at:**  
**<http://www.stancounty.com/publicworks/pdf/2011-annual-report.pdf>**

*Stanislaus County Department of Public Works*  
*2011 Annual Report*  
*Then and Now*



**Transit Division's website is:**

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

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

### Staff Updates

#### New Employees:

- Jonathan Freeman, Brandon Hiemstra, and Casey Roberts (Road Maintenance Worker I) have joined our Road & Bridge Division.
- Charlie Simpson (Personal Services Contractor) has joined our Design Engineering Division.

*Welcome aboard!*

#### Promotions:

Denis Bazyuk (Design Engineering) and Andrew Malizia (Traffic Engineering) have been promoted to Associate Civil Engineers.

*Congratulations!*

#### New Grandchild:

Jeff Chilton (Road Maintenance Worker III) has a new granddaughter named Daphne who was born on 6/30.

*Best wishes!*

## Geographical Information System (GIS)

Submitted by Peou Khiek

Establishing a GIS Central provides the groundwork to develop Stanislaus County's GIS into a dynamic tool for varied users (internal staff and the public). ArcGIS Desktop and Server (version 10.1) will be implemented, providing the technology platform for maintaining centralized management of GIS data and processes.

ArcSDE technology is an integrated part of ArcGIS and a core element of GIS. Its primary role is to act as the database access engine to spatial data, its associated attributes, and metadata stored within a relational database management system (RDMS). Making GIS available on the County's intranet system for internal users, and on the County website (<http://gis.stancounty.com/giscentral/>) for external users provides a powerful management tool to many at minimal cost.



The following are recent accomplishments by GIS Central:

1. Moving our servers to VM Ware
2. Update ArcGIS (both Desktop and Server) to 10.1
3. Redistricting the Board of Supervisors' Districts base on 2010 census
4. Provide GIS Central's internal website to cities within Stanislaus County
5. Work with cities within Stanislaus County to develop their GIS program
6. Continue to work on Pavement Management System (PMS)
7. User Group Meetings
8. Moving our database from PostgreSQL to Enterprise SQL

## PUBLIC WORKS - WORD SEARCH

T R A N S P O R T A T I O N J V C M B S  
W S R E A A D T N E M H C A O R C N E T  
Y K N V U V N C A D L G A N S I L R J C  
G N I T H G I L Z A T F F P U A I S A E  
T N M R I O C E D E C F F X N Q U N A J  
G Q U S C D E V E L O P M E N T P G I O  
J E E G I N E L G N I P I R T S N I R R  
N D M E D T F W G W E I V C R A F S A P  
Y T E F A S B D L O V S U R V E Y N I A  
N R R C T A V A C T O R A I M E O U T A

Find these words:

SURVEY	STRIPING	LIGHTING
ENCROACHMENT	DEVELOPMENT	PAVING
FLEET	SAFETY	TRANSPORTATION
SIGNS	PROJECTS	APN
VACTOR	DESIGN	

