

# P.W. Progress

## Special Interest Articles:

- Natural Resources Conservation, pages 2 and 3
- Jailhouse Rockin', page 4
- Oakville Crossroad Bridge, page 5

## Sections:

Natural Resources Conservation	2-3
Buildings	4
Roads	5

Napa County Public Works  
1195 Third St., Suite 101 Napa CA 94559

(707) 253-4351  
[PublicWorks@countyofnapa.org](mailto:PublicWorks@countyofnapa.org)

## Saving County Roads While Saving \$

At press time, County road crews are in process of applying a "chip seal" to approximately 17 miles of roads. This is a low-cost treatment used to "save" these roads, by preserving them while they are in relatively good condition.

Chip sealing is a very efficient use of limited funds, rather than letting the roads deteriorate to the point where a much more expensive treatment, such as an overlay, is required.

This treatment is being applied to over 11 miles of roads in the southern part of the County, in both the Airport and Carneros areas, and 6 miles in the unincorporated area surrounding the city of Calistoga.

Chip sealing consists of spraying a fine layer of oil to seal the existing surface, then covering it with small rock "chips" which increase the durability of the treatment.

The total cost of the project is approximately \$675,000, and is funded from a combination of State and local funds.



**Chip seal operation in progress**

(More photos, p. 5)

## Napa Berryessa District improvements under way

The Napa Berryessa Resort Improvement District (NBRID) has started construction on several improvements to its wastewater treatment system.

An existing collection pond is being enlarged, and two additional ponds are also being constructed. The increased capacity is necessary for the District to achieve compliance with orders from the Regional Water Quality Control Board.

Additionally, construction has begun on a new wastewater treatment plant and a new water treatment plant. Western Water Construction is currently building the foundations for the two new treatment plants.



**Foundation for new wastewater plant**



**Site of pond expansion**

**Spotlight on:  
Natural Resources  
Conservation**

*In the Winter 2013 issue, we introduced the new Natural Resources Conservation Division, which consolidated related programs from three County Departments.*

*That issue featured the Division's groundwater programs and the Groundwater Resources Advisory Committee.*

*With this issue, we spotlight the NRC Division's other activities.*

## **Watershed Information Center & Conservancy**

The Watershed Information Center and Conservancy (WICC) of Napa County guides and supports the community in its efforts to maintain and improve the health of county watershed lands. The WICC Board advises the Board of Supervisors, providing a conduit for citizen input by gathering, analyzing and recommending options related to the management of

watershed resources countywide.

The WICC is a watershed resource management program that provides public outreach and education, monitoring and assessment coordination, and watershed data management in support of Napa County's water and watershed resources. The goal of the WICC website is to collect, organize, and make

available to the public, environmental data and information to support community efforts to understand and better manage the county's watersheds.

For more information on the WICC and watershed programs/projects throughout Napa County, visit the WICC website at: [www.napawatersheds.org](http://www.napawatersheds.org) or contact Jeff Sharp at (707) 259-5936 or Patrick Lowe at (707) 259-5937.

## **Water and Energy Conservation**

**Water and Energy Conservation info:**  
[www.countyofnapa.org/WaterConservation](http://www.countyofnapa.org/WaterConservation)



*Deborah Elliott  
(707) 259-5969*

In 2009, the Board of Supervisors authorized staff to begin outreach on a water conservation program in the unincorporated area, specifically targeting the Milliken-Sarco-Tulocay (MST) area.

Since that time, County staff has sponsored numerous workshops for homeowners, winery workers, growers and teachers. Staff has also

distributed water saving devices to county residents, produced water conservation newsletters and conducted public outreach and awareness at public events to help residents, growers, and winery workers alike conserve water.

The County has received funding through the Association of Bay Area Governments (ABAG) to market, educate and

provide assistance to local property owners for energy improvement projects, with the help of rebates, incentives, and other technical assistance. Financial and technical assistance should be available later this year, as the program gets fully underway.



### **Recycling/Waste Reduction information:**

*Dave Briggs  
(707) 253-4049*

*Amy Garden  
(707) 259-8330*

## **Recycling and Waste Reduction**

The Recycling and Waste Reduction team implements programs to reduce the amount and toxicity of waste destined for landfills, in order to conserve resources and protect public health. They oversee contracts with recycling and waste service companies that

serve residents and businesses in the Upper Valley and Lake Berryessa areas, and in unincorporated areas surrounding the cities of Napa and American Canyon. They work in partnership with business and community groups to provide recycling

infrastructure and technical assistance for waste reduction. They also provide public education regarding opportunities for reducing waste, recycling, composting, and disposing of hazardous waste safely.

## E-Waste Recycling Event to be held June 8

A free electronic waste recycling event will be held Saturday, June 8. It will run 9 am to 2 pm in the soccer field parking lot of Napa Valley College's Napa Campus.

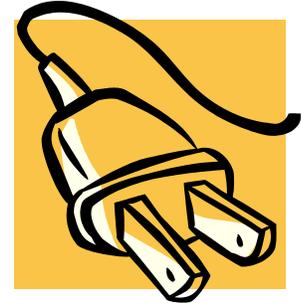
What can you bring to the event, you may ask? "Anything with a cord" is the working concept here:

- Computer equipment – computers, modems, keyboards, printers, scanners, cables and mice?
- Televisions, computer monitors, flat screens
- Office equipment – telephones, fax machines and copiers. (Please recycle toner separately.)
- Consumer electronics – VCRs, tape players, stereo equipment, radios, CD players, cell phones, power cords, etc.
- Household appliances – microwaves, blenders, food processors, toasters, vacuums, coffee makers, Christmas light strands, etc.
- Large appliances – dishwashers, ovens, refrigerators, freezers, hot water heaters, washers and dryers

Smoke detectors will not be accepted, nor will any hazardous or toxic wastes, such as paints, solvents or used oil.

Please note: anything with a cord will be accepted at the event. However, this collection is intended to recycle older "end-of-life" equipment. For working equipment, please consider reuse or donation as an option.

*Sponsored by: City & County of Napa, Napa Recycling & Waste Services, Napa County Recycling & Waste Services, Napa Valley College, Electronic Recyclers International, and Computer Recycling Center.*



## A bright idea for saving energy and money!

As reported in *P.W. Progress* previously, Napa County was not immune to a recent wave of copper wire theft which had been occurring throughout the Bay Area. A total of 60 street lights in the Airport area were affected by this vandalism.

Public Works decided to take a fresh look at the lighting needs of the area and potential strategies for repairing the damage without creating incentive for more vandalism.

As a result, it was determined that not all the

vandalized lights needed to be restored, to meet the safety requirements of the area. Priority was given for ensuring the presence of lighting at intersections, for traffic operational reasons.

Additionally, staff identified a creative solution for the lights which were to be restored to operation – solar-powered lights! Many benefits will result from the installation of the new fixtures – energy savings, reduced "carbon footprint," utility cost savings, and

the elimination of exposure to future vandalism.

The new fixtures were installed in March and are shown in the accompanying photos.



**Light fixture going in**



**Installing solar panel**



**Completed installation**



New panels on Animal Shelter (above and below)



### Let the Sun Shine

Napa County is going to be harnessing the power of the Sun to meet the energy needs of some of its facilities.

Photovoltaic (PV) systems – also referred to as “solar panels” – have been installed on the first two buildings, the Animal Shelter and the Homeless Shelter.

Recently we “flipped the switch” and started powering these buildings with “green” energy.

On May 6<sup>th</sup>, the Animal Shelter began receiving power from 264 solar panels. These will provide a total estimated savings of \$ 250,000 and eliminate 1300 tons of greenhouse gas emissions over the 30

year lifetime of the system.

Next up: the Sheriff’s Office and Greenwood Fire Station on Airport Boulevard, and the Roads Corporation Yard on Silverado Trail outside Yountville.

### Jailhouse Rockin’ With Projects

The Napa County Jail is seeing a lot of activity recently, in the planning, design and construction of needed improvements.

Current projects include:

- Upgrades to the security system
- Upgrades to various heating, ventilation

- and air conditioning system components
- Upgrades to the fire protection system
- Upgrades in the kitchen including a compartment sink, steam tables and spray station

Associate Engineer Frank Lucido will be putting his

expertise to work as the overall coordinator of these projects. This is to ensure the projects are timed and coordinated with each other, and will provide for improved communications for with jail staff, the County Executive Office, financial staff, etc.

### New Permit Center Open for Business

Construction is complete on the new consolidated Permit Center in the County Administration Building!

Customers of all the County’s permitting functions now have a “one-stop shop” where they can interact with all of the staff specialists involved in reviewing their plans.

All permitting functions are consolidated in the

Department of Planning, Building and Environmental Services (PBES), which now occupies the entire 2<sup>nd</sup> floor of the Admin Building. The primary reception area for PBES now directly faces customers as they arrive from the stairs or elevator. Adjacent to reception are numerous spaces for customers to meet with staff and review their plans.

Also provided are a self-help area with computers where customers can get information about their permits or parcels.

PBES staff are working on further improvements to their processes to take advantage of the reconfigured space.



Reception area



Permit Center



Plan File Area

# Chip Seal project saves roads while saving \$

(Continued from page 1)

Here are some more images from the recent chip seal installation by Napa County crews:



*Placing oil on prepared road surface*



*Loading rock "chips" in the spreader*



*Spreading the chips*



*The newest swath (left) next to the one which was done earlier*

# Oakville Crossroad Bridge Replacement Advances

The County has been working for several years to replace the Oakville Crossroad bridge over the Napa River, which is nearing the end of its design life.

The project, as with many projects involving construction in a riparian area such as the river channel, is subject to a high level of scrutiny from environmental regulatory agencies. The County is endeavoring to comply with the complex, and occasionally contradictory, requirements of these agencies, not just because

it is required, but because it is the right thing to do.

One of the last such regulatory agencies to be involved is the National Oceanic and Atmospheric Administration (NOAA), which is charged with implementing the Endangered Species Act with regard to habitat associated with protected fish species. NOAA is now performing a "Section 7" consultation, which is one of the last significant hurdles for this project to cross. Other agencies' permitting processes are already underway and all

should be able to wrap up by the end of 2013.

Construction is scheduled to begin in 2014 and extend over two construction seasons. The bridge will be demolished and replaced one lane at a time. One lane will be open to local traffic at all times, alternating directions under traffic control. Non-local traffic will be directed to use alternate routes.

A community meeting is scheduled for June 12, 5:30 p.m. at Groth Vineyards & Winery, 750 Oakville Crossroad.



*Oakville Crossroad Bridge*



*Alternate route signage*

## Napa County Public Works



A Tradition of Stewardship  
A Commitment to Service

1195 Third Street  
Suite 101  
Napa, CA 94559

PHONE:  
(707) 253-4351

FAX:  
(707) 253-4627

E-MAIL:  
[PublicWorks@countyofnapa.org](mailto:PublicWorks@countyofnapa.org)

We're on the Web!

See us at:

[http://www.countyofnapa.org/  
PublicWorks/](http://www.countyofnapa.org/PublicWorks/)

## Devlin Road extension to start construction soon

Construction of the Devlin Road extension south of Airport Boulevard will start soon.

A mechanism called a Community Facilities District (CFD) has been set up to enable the adjacent property owners to contribute the portion of the cost which is their obligation.

The design of the extension will incorporate a portion of the Napa Valley Vine Trail, a 47-mile multiuse trail which will extend all the way from Calistoga to Vallejo when complete. There are also extensive measures to receive and treat stormwater runoff from the new paved

surfaces, using natural vegetation in roadside swales.

The Board of Supervisors approved a loan of \$1.5 million to this project, to help stimulate the local economy by encouraging construction of job-creating businesses in the vicinity.

## Shelter partnering with Exertec for health and happiness

The Animal Shelter is partnering with Exertec to recruit people who want to combine an active lifestyle with volunteering to help the animals of Napa County. Information about the Shelter's volunteer program will be shared

with Exertec members during orientation and during classes where opportunities will be discussed. A mobile adoption event in the gym's parking lot is being planned for early July, where dogs and cats

available for adoption from the Shelter and from Napa Humane will be showcased. We look forward to bolstering the numbers of active volunteers through this great community partnership!



### ***About Napa County Public Works..***

*The Department of Public Works is dedicated to sustaining health, safety, quality of life and protection of natural resources by providing and maintaining public*

*facilities and services in partnership with the community and other public agencies for current and future residents, workers, animals and visitors of Napa County.*

### ***Public Works values...***

- *Fiscal Responsibility*
- *Accountability*
- *Transparency*
- *Integrity*
- *Service*
- *Teamwork*

**NAPA COUNTY  
PUBLIC WORKS**  
1195 Third Street  
Suite 101  
Napa, CA 94559

