



“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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Look What’s Popping Up at Bus Stops in Stanislaus County!!

Submitted by Darla Moen

Look for StaRT’s newly designed bus stop signs coming soon to the cities and communities in Stanislaus County. The City of Patterson was the first city to receive the new bus stop signs. Over the next few months, all of our bus stop locations will be upgraded with new signs. There will be a total of 113 new signs installed in the StaRT service area.



Veterans Memorial Park

The new signs at the bus stops are designed with new features to improve visibility and enhance transit services. Stop ID numbers have been added to the signs in anticipation of Real Time Bus Tracking that will be utilized in the near future. StaRT staff is excited about improving the experience of our public transit riders.



Sperry Avenue at Speno Drive

StaRT Listens When Our Riders Talk

Upgrades were done to the StaRT bus stops at Freddie Lane and Oakdale Road in Riverbank after receiving feedback from passengers and drivers regarding the difficulty of maneuvering mobility devices through the muddy grass in order to gain access to the bus. StaRT installed new cement pads at both the inbound and outbound StaRT stops. StaRT is now able to offer improved access for people using mobility devices such as wheelchairs, walkers, and scooters.



Inbound cement pad is shown on the left, and the outbound cement pad is below.



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“Health & Safety Byte” Safety is no accident!



Movement is the best-kept secret in injury prevention.

Get healthier with a few no-sweat options:

- * Stand whenever you can. You’ll burn more calories than sitting.
- * Fidgeting can burn an extra 350 calories a day. Rapidly tapping your feet, talking with your hands, and chewing gum, all count.
- * Laugh often. It tightens your stomach muscles, exercises your diaphragm, works your heart and relieves stress.

Word of the Quarter Perseverance

Ethics Quotes

Martin Luther King, Jr.
“The time is always right to do what is right.”



Permeable Concrete Pavers in Stanislaus County

Submitted by Matt Machado

The Public Works Morgan Facility is a 15-acre site originally developed in the 1950's, with most structures built and occupied by 1958. Over the past 56 years the site has seen various minor improvements and maintenance efforts. Much of the site remains in its original state. As a part of the replacement of aging and dilapidated buildings, the Public Works Vehicle Maintenance Shop and Administration Building Replacement Project will also make site improvements to improve function and efficiency of the current and remaining uses of the site. These uses will include the Public Works Shop, Public Works Administration, Household Hazardous Waste, and the County Fueling Facility. The Morgan Road Heavy Equipment Shop/Administration Building Project involves 9.5 acres of the 15-acre site and consists of: new buildings to replace the existing maintenance shop, sign shop, carpenter shop, trailers and administration building; a mixture of permeable paver and asphalt parking lots; utility services from existing adjacent sources; and improvements to the adjacent frontage of Morgan Road.

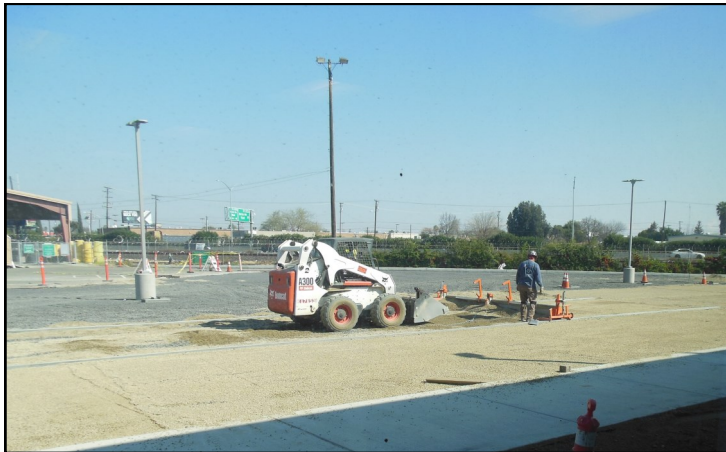
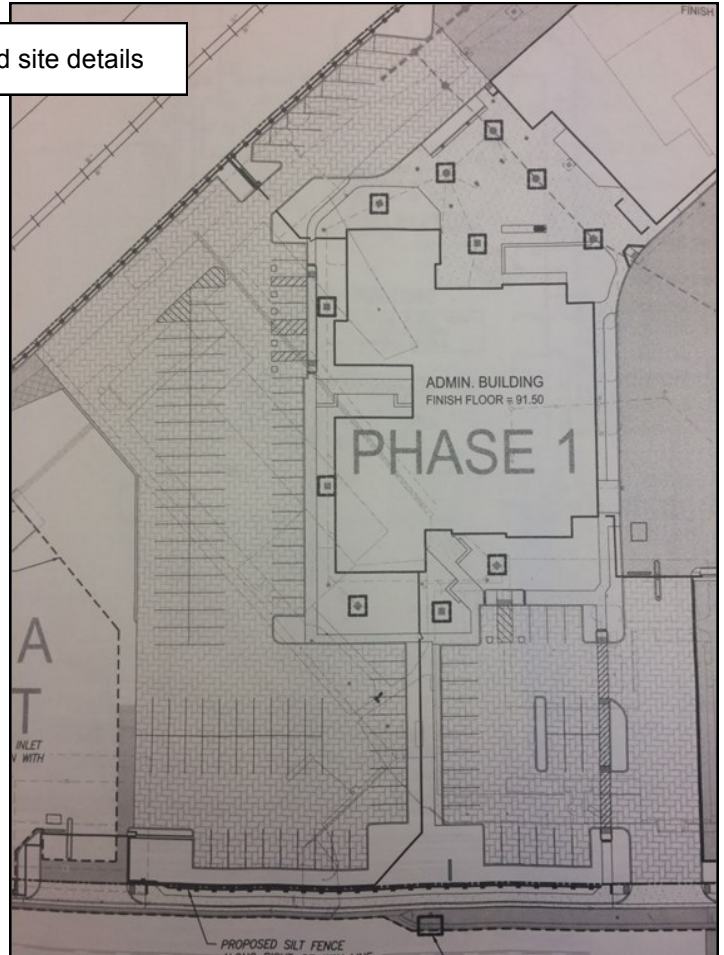
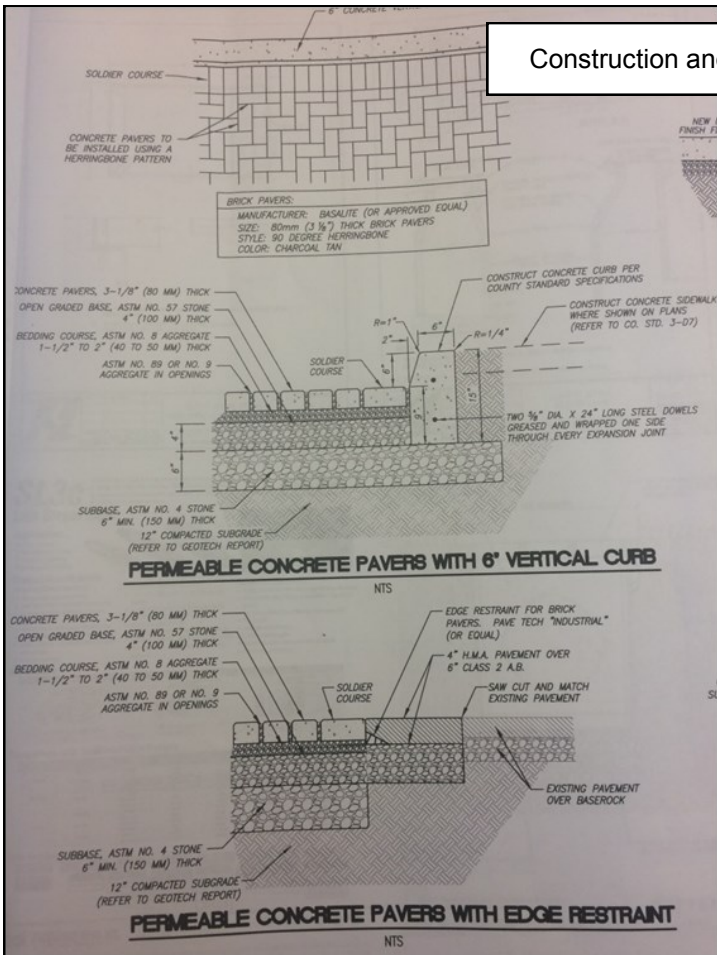
One of the innovative solutions to the proposed site improvements is the use of permeable interlocking concrete pavement (PICP). Permeable interlocking concrete pavement is a durable and cost-effective solution for stormwater management. PICP consists of solid concrete paving units with joints that create openings in the pavement surface when assembled into a pattern. The joints are filled with permeable aggregates that allow water to freely enter the surface. The permeable surface allows very high flow rates to accommodate the largest of rain events. The paving units are placed on a bedding layer of permeable aggregates which rests over a base and subbase of open-graded aggregates. The concrete pavers, bedding and base layers are typically restrained by a concrete curb in vehicular applications. The base and subbase store water and allow it to infiltrate into the soil subgrade.

Some advantages of the use of PICP are improved site utilization, thereby eliminating unsightly detention/retention ponds and related liability. Other advantages include increased groundwater recharge, reduced operating costs, reduced overall project costs due to eliminating storm drainage systems, and lower life-cycle costs than conventional pavements.

The new PICP parking lot should be completed soon. The construction photos show the first course of drain rock being placed.



Construction and site details



North employee parking lot under construction. See next page for the final result!



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Stanislaus County's Assistance Hotline:

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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

Public Works Staff Updates

New Employees:

♦ **Curtis Van Laar** (Heavy Equipment Mechanic I) joined our Morgan Shop team on 1/8/18.

♦ **Ramon Salinas** (Senior Engineering Tech) joined our Design Engineering team on 1/22/18.

Welcome!

Returning Employee:

♦ **Joe Duarte** (Road Maintenance Worker III) returned to our Road Operations team on 2/20/18.

Welcome back!

March is National Nutrition Month

Dehydration can become a serious health complication. Since the body is made up of mainly water, losing even just a little bit can affect people's physical and mental health. Symptoms of mild dehydration can include mood changes, reduced energy levels and poorer cognitive health. By acknowledging what is causing your dehydration, you can better treat it by nourishing your body with water when needed.



Even though the most obvious cause of dehydration is not drinking enough water, there can be many more reasons as well. Below is a link: **10 Reasons Why You Are Dehydrated.** Here are two from that list that maybe you had not considered.

Low-Carb Diets: Even though carbohydrates can be fattening, they help retain fluids. Many carbohydrates, such as brown rice and pasta are cooked in water, which means that they provide fluids for the body as well. By cutting carbs, people are also cutting out fluids. For people looking to lose weight by eating fewer carbs, they must remember to stay hydrated and drink more water.

Low Fruit and Vegetable Consumption: Fruits and vegetables are good sources of fluids. When people do not consume the recommended five servings a day in combination with low water intake, they can end up dehydrated. Since consuming fruits and vegetables is healthy overall, people should put more effort in eating those servings.

<http://www.counselheal.com/articles/10891/20140815/10-reasons-why-you-are-dehydrated.htm>



Final product—
Employee parking lot

KUDOSTO OUR ROADSTEAM!!

Debbie S. called to say "thank you" and also how impressed she was with the County. She called and the potholes were patched the following day.

Pat S. called to say "thank you" for patching the potholes so quickly. She was very happy as were her husband and neighbors!

Mark M. said the painting on the corner of Lambuth Avenue and Hinds Road is beautiful! He wanted to call and say "thank you!"

Maria M. called on behalf of Hanshaw Middle School children regarding flooding in the road by the school. She completed a survey and strongly agreed that that staff was courteous, respectful, and provided service in a timely manner.

Charlene A. called regarding her request for a stop sign. She completed a survey and strongly agreed that it was easy to do business with us. Our staff communicated in terms she could understand. Lastly, she was satisfied with our service and her experience with us.

JD submitted his request for street light repair on Norseman Drive. He completed a survey and strongly agreed that service was provided in a timely manner and staff had knowledge to answer his questions. He strongly agreed that he was satisfied with his experience and services he received.