



California High-Speed Rail Coming to Fresno

The California High-Speed Rail (CHSR) network is under construction at multiple locations in California's San Joaquin Valley. So far, the most impact to Union Pacific has been in the Fresno area.

The new high-speed corridor will cross the UP right of way near Milepost 194.5 on the Fresno Subdivision. It will then parallel the sub south through Fresno to Milepost 209. The new corridor will be on the west side of UP tracks, using what currently is Golden State Boulevard.

In addition, there will be multiple grade separations, including a trench under UP's Westside Wye and State Highway 180. In September, work was underway on the trench and the demolition of the Tuolumne Street overpass.

Union Pacific has been negotiating with the CHSR authority to sell some right of way and to make track changes that will enhance operations during construction. Several new underpasses will require UP to set up temporary shooflys around the sites while new bridges are constructed. Currently, impacts to fiber optics and other utilities are being analyzed and relocations designed. Relocation of fiber optic lines south of the San Joaquin River also are underway.

Once completed, UP will have a 14.5-mile corridor through Fresno that will be free of public grade crossings and protected by high security fencing.

A trench is dug in preparation for relocation of fiber optic cable south of the San Joaquin River as part of the California High-Speed Rail project.

The CHSR Project Includes:

- MP 195, CHSR over the UP
- Herndon Avenue, new underpass
- Veterans Boulevard, new grade separation (overpass)
- Carnegie Avenue, to be closed
- Shaw Avenue, new overpass
- Ashlan Avenue, new overpass
- Fresno Yard, realign north lead and track changes south of yard
- Clinton Avenue, new overpass
- McKinley Avenue, new overpass
- Belmont Avenue, fill existing underpass, construct new overpass
- Fresno Wye, new underpass via trench and tunnel under Highway 180
- Divisadero Street, to be closed
- Fresno material yard, construct new
- Fresno Bee spur, remove
- Stanislaus Street, remove overpass
- Tuolumne Street, remove and replace existing overpass
- Tulare Street, new underpass
- Kern Street, to be closed
- Mono Street, to be closed
- Ventura Avenue, new underpass
- Van Ness Avenue, to be closed
- Florence Avenue, to be closed
- Church Avenue, new overpass
- MP 208, end of parallel corridors

Walker Recognized for 20 Years of Service

Construction Coordinator Darren Walker completed 20 years of service with Union Pacific June 16.

Craig Johnston, director–Fiber Optics and Asset Utilization, and Joe McIntyre, manager–Fiber Optics and Asset Utilization, presented him with a 20-Year Service Pin July 14 while reviewing fiber optic relocation projects that Walker was coordinating in the Alton, Illinois, area.

“Darren has been great to work with since I have joined the group last April. He’s always willing to help and learn what he can, I couldn’t ask for a better person,” McIntyre said.

The 20-Year Service Pin symbolizes the Union Pacific Shield. For more than a century, the shield has stood as a symbol of UP’s commitment to building a great company and a great country. It now also represents UP’s sincere appreciation for Walker’s dedication and hard work.

“Darren joined the Safety, Asset Utilization and Fiber Optic Technology (SAFT) group Feb. 16, 2015,” Johnston said. “We welcomed Darren and his Maintenance of Way knowledge to our work group. His involvement with various intercompany activities such as being a former safety captain, working with the Total Safety Culture process and an active volunteer for both Peer Support and Operation RedBlock is beneficial to our group’s overall effectiveness.”

Walker’s territory covers Arkansas, Louisiana, Missouri and southern Illinois.

“Working the same territory helps me network with many fiber companies and Union Pacific employees on each subdivision,” he said.

Outside of work, Walker enjoys time with his family, as well as swimming, traveling and learning new computer skills.



Construction Coordinator Darren Walker, center, receives his 20-Year Service Pin in Alton, Ill., from Craig Johnston, director–Fiber Optics and Asset Utilization, left, and Joe McIntyre, manager–Fiber Optics and Asset Utilization.

SAFT Group, IT Organizational Changes

The March 31 retirement of Senior Systems Engineer Michael Heald capped 34 years of service in one era and launched new adjustments for the next chapter.

The Safety, Asset Utilization and Fiber Optic Technology (SAFT) group is embracing the opportunity to effectively realign the remaining expertise and resources within the work group. A work plan has been implemented to cross-train numerous responsibilities of Omaha employees’ daily operations and duties.

The realignment of the following individuals will support the SAFT group’s objective to continue to be customer focused and responsive. The group will also keep pursuing new commercial opportunities safely through its work experience.

- **Gary Voogd** has switched work duties from agreements/operations to performing the civil engineering/technical responsibilities and cross-training.
- **Mike Wallman** is relinquishing work duties from Wireless/Commercial Tower operations to perform the agreements/operations/financial duties and additional cross-training activities.
- **Thomas McGovern** has transitioned into management of the Wireless/Commercial Tower operations in addition to administering his previous FCC/operations/and property management and “Call Before You Dig” duties as well as other cross-training activities.

“The remainder of the Omaha SAFT group has found these adjustments helpful as a means for enhancing skill levels in roles outside their current responsibilities,” said Craig Johnston, director–Fiber Optics and Asset Utilization. “Having multiple members of the team learn fundamental processes from start to finish fosters enthusiasm and helps keep our work skills current, which can increase both efficiency and effectiveness at the same time.”

This newsletter appears under direction of the IT Department. For news coverage, contact Grace by phone at 402-475-6397, fax 402-475-6398, mail information to 2201 Winthrop Rd, Lincoln, NE 68502-4158, or email grace@newslink.com. This material is intended to be an overview of the news of the department. If there are any discrepancies between this newsletter and any collective bargaining process, insurance contracts or other official documents, those documents will govern. UP continues to maintain and reserves the right, at any time, to alter, suspend, discontinue or terminate all plans and programs described in this newsletter. This newsletter is not an employment contract or any type of employment guarantee. Any photo submitted may be used. Anyone who submits a photo retains all rights to the image. However, by submission you give the newsletter permission to use your photo(s) in all related media. Thanks to everyone who contributed to this newsletter.

Call Before You Dig Day **811**



The Common Ground Alliance (CGA) designated Aug. 11 as Call Before You Dig Day with promotions across the United States. The day provided an opportunity for utility companies and railroads, including Union Pacific, to emphasize local and state laws regarding underground utility lines being marked for free before breaking ground.

The day was selected due to the natural connection of the date on the calendar to the 811 phone number.

According to call811.com, there are more than 20 million miles of underground utilities in the United States. That figure equates to more than one football field's length — 105 yards — of buried utilities for every man, woman and child in the country. Every six minutes, an underground utility line is

damaged because someone didn't call 811 at least two days before digging.

Union Pacific is proud to recognize and support the national reminder to use the "Call 811 Before You Dig" campaign.

Digging without knowledge of the approximate location of underground utilities increases the likelihood of unintentional damage and could also result in injury, repair costs, fines and inconvenient outages. When a utility, including fiber optics, is damaged, it affects the lives of people and businesses in the community.

Union Pacific's Call Before You Dig (CBUD) 1-800-336-9193 has been in existence since the mid 1980's, with the latest version having been rolled out in 2014. This system is the Safety, Asset Utilization and Fiber Optic Technology (SAFT) group's internal software for protecting 34,000 route miles of customer fiber optic systems installed along UP's right of way. CBUD's latest version also protects key railroad infrastructure such as telecommunication cables, electrical cables, water and other underground infrastructure by providing notifications to the appropriate railroad personnel.

Every digging project, no matter how big or small, should be called in to UP's CBUD

at 1-800-336-9193 at least 48 hours before the project begins.

This includes installation of permanent markers, post and poles, digging of signal wires or utility lines as well as projects located outside of track and facility structures.

Employees can access this training by going to the Home page / Training & Testing / Sign in / Search Catalog (Type in CBUDE) / hit enter / Add course (Training is approximately 5 minutes).

Employees can learn more about Call Before You Dig through Union Pacific's CBUDE training module available online through the Employees site.



Craig Johnston, director-Fiber Optics and Asset Utilization, shows one of the Union Pacific Call Before You Dig fiber optic cable signs posted along Union Pacific's right of way.

When planning work on or near the ROW (right of way), call CBUD (800-336-9193) as well as 811 for the state one-call.

How it works:

1 Contractor calls into CBUD.

2 Agent at RMCC (Response Management Communications Center) answers the call and asks a series of questions, such as:

- Work type (emergency/open trench/joint meet/other)
- Contact info (name/company/contact #)
- Work location (subdivision/milepost/street/city/county/longitude and latitude)
- Notes (description of work)
- On-site meeting (as requested by caller)

A ticket is created and assigned a number (ex. 20160906058) for reference.

3

The information on the ticket associates the given information to an internal system that references where the work site is performed and who needs to be contacted/sent the information.

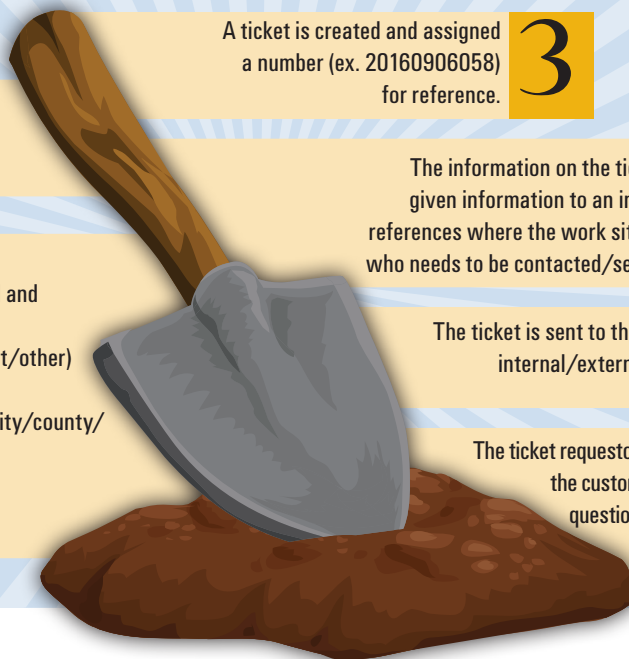
4

The ticket is sent to the appropriate internal/external personnel.

5

The ticket requestor is then either contacted by the customers involved OR the area in question is marked by the customer with flags and paint.

6





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Stevenson Enjoys Taking Projects from Start to Completion

Phil Stevenson completed three decades of service Sept. 22. Stevenson received his 30-year service award Sept. 28 at a dinner with his wife, Connie, Craig Johnston, director-Fiber Optics and Asset Utilization, and Joe McIntyre, manager-Fiber Optics and Asset Utilization.

For more than half his career, Stevenson has provided consistent support to Union Pacific's fiber optic customers and projects as a construction coordinator. He builds upon a customer-oriented mindset that enables him to effectively work with clients across a spectrum of local and state government, and private industry.

"Phil's vast experience, excellent coordination skills and willingness to help other construction coordinators has been invaluable to me in the field," McIntyre said. "It's a privilege to have Phil on the team."

Based in Oxnard, California, Stevenson is responsible for a territory from the Los Angeles Basin up the West Coast to the Bay Area, east to Reno, Nevada, and back down through the Central Valley. He is proud to provide comprehensive planning and relocation services for fiber optic cable.

"It's changed from a focus on area responsibility to a more customer-driven approach, more communicating, more

traveling," he said. "I like the communication part and developing an understanding of what needs to be accomplished. I like being the hands-on relocation person from start to finish."

Stevenson often works with local government representatives on grade separation projects. Increasingly, he coordinates details with the state on the California High-Speed Rail (CHSR) project, often planning six months to a year in advance. He also coordinates with UP's B&B leadership for replacement of bridges.

"I work alongside them to minimize and relocate our longitudinal fiber optic customers, so the high-speed rail can parallel UP's right of way," he said. "Some have built already, but many are just in the planning stages."

Stevenson joined Southern Pacific Sept. 22, 1986, as a laborer on a steel gang laying rail between Oxnard and Burbank Junction, on what now is the Santa Barbara Subdivision. He worked a couple of years as a truck driver for the Engineering Department, then became a track foreman in Oxnard, continuing through the 1996 merger with UP.

"Phil's sound knowledge of his territory is very beneficial to both Union Pacific and our Fiber Optic customers to keep



Construction Coordinator Phil Stevenson, center, receives his 30-Year Service Pin, from Craig Johnston, director-Fiber Optics and Asset Utilization, left, and Joe McIntyre, manager-Fiber Optics and Asset Utilization.

respective projects on track to be completed safely and timely," Johnston said.

In November 1999, he became construction coordinator for the Fiber Optic Group. The job involves a lot of solo work, but Stevenson can see the big picture clearly.

"I'm a field supervisor/construction coordinator, but we work as a team with the Omaha office," he said. "It's team-driven between my counterparts and the Omaha office."

Before joining the railroad, Stevenson served in the U.S. Army Reserve as a helicopter mechanic. He was based at Los Alamitos, California, and achieved the rank of specialist E-4 by the time he finished his career.

He and Connie have five children and eight grandchildren. A classic car buff, he enjoys working on his 1947 Ford two-door sedan.