What is CalMod?

Modernizing the Caltrain Corridor

The Caltrain Modernization (CalMod) Program will electrify and upgrade the performance, operating efficiency, capacity, safety and reliability of Caltrain's commuter rail service. CalMod includes the electrification of the existing Caltrain corridor between San Francisco and San Jose; the installation of an Advanced Signal System (CBOSS PTC), that includes federally mandated safety improvements; and the replacement of Caltrain's diesel trains with high-performance electric trains called Electric Multiple Units.

Simply stated, for Peninsula commuters Caltrain will be modernized to provide more service to more riders, reduce air pollution by 97 percent, increase operating performance and reliability and take more cars off the region's congested roads. The $1.7 billion program is funded through a nine-party agreement that leverages local, regional and federal funding to match $705 million in voter-approved High-speed rail bond revenues.

For more information about the CalMod Program, please check out the video below.

What's happening now?

Advanced Signal System Update and New Video

In June, Caltrain released a video that provides the public with an inside look at the new Advanced Signal System that will equip the corridor with federally-mandated safety technology and will increase system capacity to help accommodate future ridership demand. The Advanced Signal System will monitor and, if necessary, control train movement in the event of human error.

The video takes viewers through the features and equipment that make up the new Advanced Signal System to explain how the system can be used to improve safety and performance.
In September 2013, Caltrain began installation work, between San Jose and San Francisco, on the Advanced Signal System. Currently, Caltrain is conducting testing and employee training on the new system and the agency expects to have the Advanced Signal System in revenue service by the end of 2015.

For more information about the Project and upcoming construction activities, visit the website here.

CBOSS PTC Project Hotline: (650) 508-6499
CBOSS PTC Project Email: caltrainptc@samtrans.com

**Electrification Milestones**

**Electric Train Policy Decisions**

At the July 2, 2015 meeting, the Caltrain Board approved several policy actions regarding the Request for Proposals (RFP) for the Electric Multiple Unit (EMU). At the meeting, the Board decided the RFP would include the following direction: 8 to 1 ratio between seats and bikes; an option, if desired, for one bathroom per train; more comfortable and safer standing space; and an option that includes boarding at a similar platform height as High-Speed Rail trains. Separate from the RFP, the Board also committed to at least $3 million towards investments in bike wayside storage, such as secure e-lockers, and exploring the potential to install additional restroom facilities at stations.

There will be many opportunities for the public to provide additional input on the new trains after the car builder is selected in winter 2015/2016.

For more information about the electric vehicles, including the recently released RFP please visit: www.caltrain.com/emu.

**Funding Support From Air Quality Board**

On July 29, 2015, the Bay Area Air Quality Management District’s Board of Directors approved the allocation of $20 million dollars to help fund the electrification of the Caltrain corridor.

"This is the one of the most significant air pollution reduction funding projects the Air District has undertaken in recent years," said Jack Broadbent, executive officer of the Air District. "By replacing diesel-powered trains with electric, air quality will be substantially improved for
Key benefits associated with electrifying the 51 miles of rail line between San Francisco and San Jose also include a reduction of greenhouse gases, increased frequency and speed of train service, reduced engine noise, and reduced traffic congestion from automobiles along U.S. Highway 101 and Interstate 280.

The Air District allocation of $20 million over the next several years is a key component of the overall funding strategy. The total Peninsula Corridor Electrification Project cost is estimated to be $1.53 billion and will be supported through a combination of local, regional, state and federal sources. Caltrain is working with their partner agencies to secure the remaining $431 million that is needed to complete the funding for the project.

Would Your Group Like a Presentation on Caltrain Modernization?

Caltrain staff are available to speak to local civic groups, neighborhood associations and other organizations interested in learning more about the Caltrain Modernization program.

To schedule a presentation, please contact Casey Fromson, fromsonc@caltrain.com.