

# Advanced Signal System Project

Dear Caltrain Neighbor:

July 2014

Over the next several months, Caltrain will be performing work within the railroad right-of-way in your area. This work will help upgrade the safety, performance, and operating efficiency of the Peninsula's commuter rail system. The Advanced Signal System, also called Communications Based Overlay Signal System (CBOSS) Positive Train Control (PTC), will equip the corridor with federally-mandated safety technology and will increase system capacity to help accommodate future ridership demand. The Project will monitor and, if necessary, control train movement in the event of human error. This will increase safety by:

- Eliminating the risk of train-to-train collisions.
- Reducing risk of potential derailments by enforcing speed limits.
- Providing additional safety for railroad workers on the tracks.
- Improving grade crossing performance to reduce gate downtime and improve local traffic circulation.

To implement the Advanced Signal System project, Caltrain will be identifying utility cables, digging a small trench and boring close to the tracks within the Caltrain right-of-way, to install a fiber optic cable. In order to maintain daytime train service, Caltrain is scheduled to perform most of this work at night (8pm to 6am). The current work schedule anticipates two weeks of work in late July with follow-up installation in early Dec. Installation and testing of the fiber cable is scheduled for Spring 2015. Neighbors may experience some minor installation noise during this time and lights will be used in the area to help provide visibility. We apologize for any inconvenience this may cause.

The Advanced Signal System is scheduled to be operational by 2015 and is a key component of the Caltrain Modernization Program, which will electrify the Caltrain Corridor by 2019. An electrified Caltrain will be cleaner, quieter, and will upgrade the system to provide faster and/or more frequent service to more stations and more riders.

For more information: ☎ 650.508.6499; ✉ [caltrainptc@samtrans.com](mailto:caltrainptc@samtrans.com); ⓘ [www.caltrain.com/CBOSSPTC](http://www.caltrain.com/CBOSSPTC)  
Para más información:



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