

# Advanced Signal System Project Update

Dear Caltrain Neighbor:

March 2014

The purpose of this mailer is to provide a status update on installation activities of the Advanced Signal System project and let you know about future activities scheduled within the railroad right-of-way, in your area. A significant portion of the conduit installation (by boring or trenching) has been complete.

Over the next three months, the next stages of installation, connecting the conduit and pulling the fiber optic cable will occur within the railroad right-of-way, in your area. There will also be two base stations, similar to poles already on the right-of-way, installed near the tracks in Sunnyvale and San Jose. In order to maintain regular train service, some of these activities will be performed at night (8pm to 6am). Neighbors may experience some minor installation noise during this time. We apologize for any inconvenience this may cause. Once installation activities are complete, the system will be tested and there will be notification of that activity.

The Advanced Signal System project 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 Positive Train Control) 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.

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. 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:  
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