

25th Avenue Grade Separation

February 20, 2018



Agenda

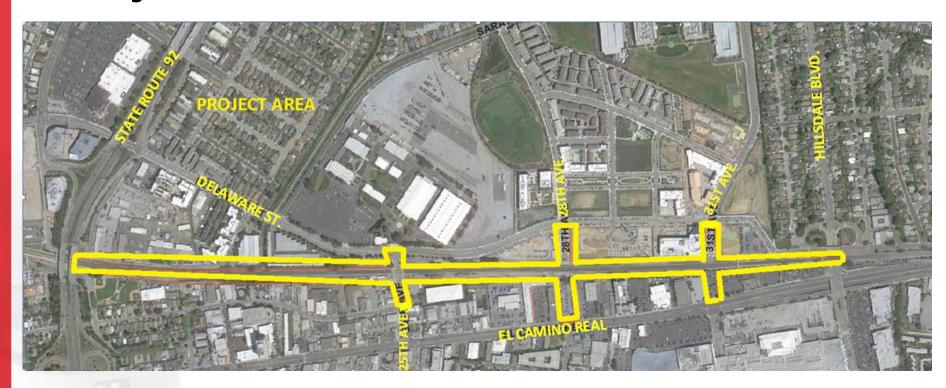
- I. Overview
- II. Project Description
- III. Project Construction
- IV. Outreach
- V. Questions



Overview



Project Location





E. 25th Ave Railroad Crossing

- 92 Caltrain trains each weekday use this crossing, in addition to freight
- Lack of grade separation increases delays along corridor



Project Description



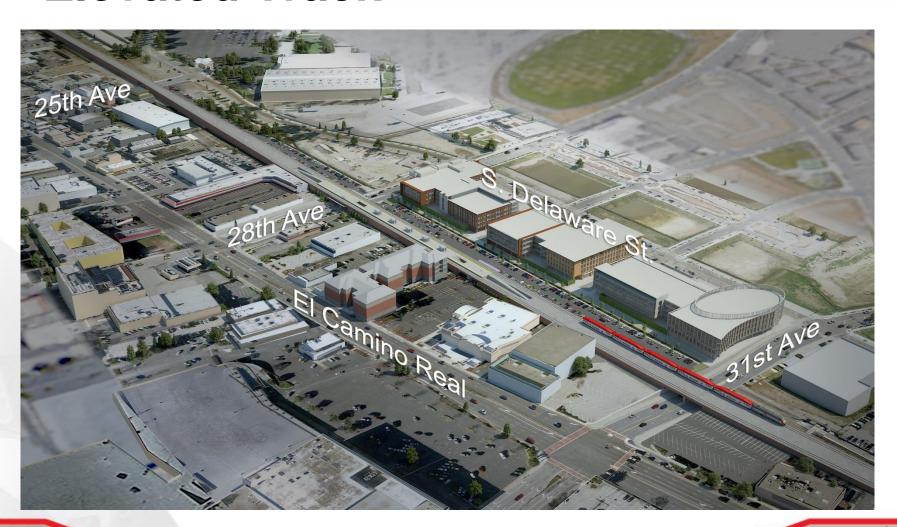
Project Elements

Construct Grade Separation (elevated rails, lowered roads) between Hillsdale Blvd and Highway 92

- Concrete bridge 25th & 28th Ave
- Steel bridge at 31st Ave
- Concrete retaining walls
- MSE walls



Elevated Track





Grade Separation (25th Ave)





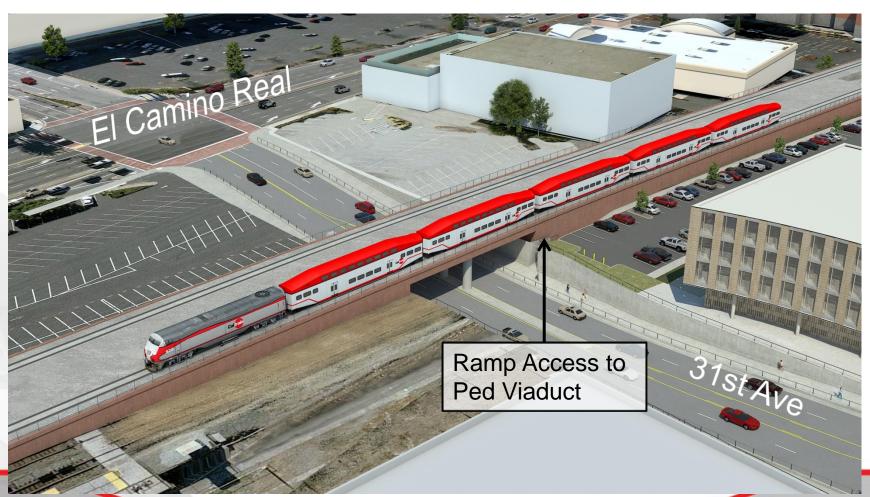
East-West Connection (28th Ave)



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East-West Connection (31st Ave)





Relocated Hillsdale Station



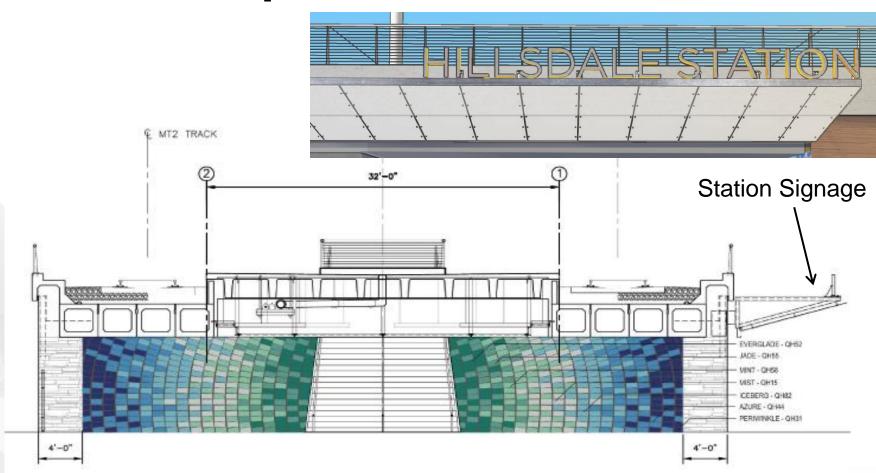


Station Improvements





Station Improvements – Mosaic Wall





Station Improvements



Stairway Entrance to Platform



Station Improvements - Platform



New Station Platform, Shelters, Lights



Station Improvements - Furnishings









Project Benefits

- Safe rail operations
- Fewer system-wide delays
- Improved traffic flow
- Improved pedestrian and motorist safety
- Facilitate Caltrain electrification which will reduce noise and vibration



Project Construction



Schedule: Overview

Activity	Date
Mobilization	Sept 2017 - Oct 2017
Begin Construction	Oct 2017
Hillsdale Station Temp Parking (available for public use)	Oct 2017 – Jan 2019
Bridges and MSE Walls	Nov 2017 – Nov 2018
E. 25 th Ave. (lane closures)	Nov 2017 – Oct 2019
Bridge at E. 25th Ave (14FT clearance)	May 2018 – Oct 2019



Schedule: Overview cont.

Activity	Date
Station Closed	Dec 2018 – May 2019
Road Completed – 28th Ave	May 2019
E. 25 th Ave. Closure (full)	Oct 2019 – Dec 2019
Roads Completed	Oct 2019 – 31 st Ave Dec 2019 – 25 th Ave
Project Completed	Jan 2020



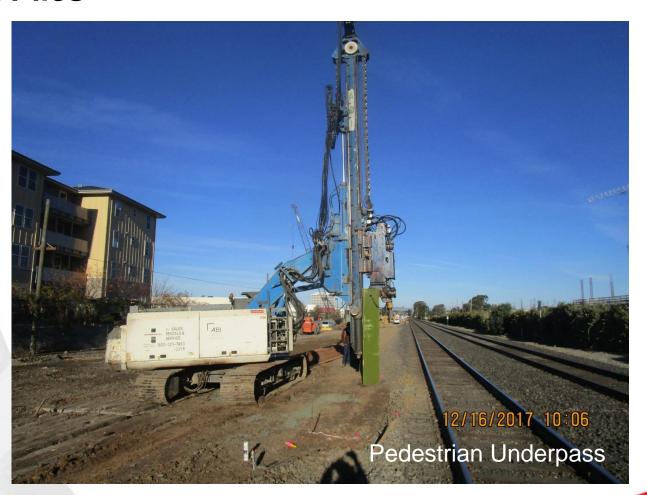
Schedule: Night Work Overview

Activity	Date
Temporary Sheet Pile Shoring	Nov 2017 – Dec 2017 (25 th Ave: 5 nights in Feb.)
Cast-in-drilled-hole pile construction	Nov 2017 – Feb 2018
MSE walls	March 2018 - Sept 2018
Bridges	March 2018 – July 2018
Final Track Cutover	Dec 2018 & Jan 2019



Construction

Sheet Piles





ConstructionCIDH Piles





Construction

Pile Caps





ConstructionTemporary Parking Lot







Construction Notices

25th Avenue Grade Separation Project

Dear Caltrain Neighbor,

Starting in mid-October 2017, Caltrain will begin construction on the 25th Avenue Grade Separation Project. Caltrain, in cooperation with the City of San Mateo, will raise the tracks and slightly lower the road (grade separate) at E. 25th Avenue in San Mateo. This will improve safety for both motorists and pedestrians, and it will reduce local traffic congestion in San Mateo. In addition, the project will provide an opportunity to complete east-west street connections at 28th and 31st Avenues. As part of the project improvements, Caltrain will build a new elevated Hillsdale Station located at E. 28th Avenue. The new station will offer updated amenities and will allow for better safety and reduced traffic.

The first phase of construction includes the clearing of shrubbery and potholing. Crews will begin to build the bridges and walls needed for the grade separation. Starting October 23, there will be a partial parking lot closure at Hillsdale Station, with temporary parking available at 31st Ave. There will also be periodic partial lane closures and parking restrictions on E. 25th Avenue (all businesses on E. 25th Avenue will remain open for business as usual). In order to maintain regular train service, some activities will be conducted during nights and weekends, outside of normal train service hours. Neighbors may experience construction noise and light during these times. For those who ride Caltrain, there may be some single tracking for a period of time at Hillsdale Station. We apologize for any inconvenience this may cause.

As key milestones approach we will continue to send out notifications. Caltrain also offers a weekly notice for those interested in the latest construction activities. For more information on the project and to sign-up for the weekly construction notice, please visit www.caltrain.com/25thGS. For questions about the project, please call the Caltrain Construction Hotline at 650.508.7726 or email SMGradeSep@caltrain.com.

25th Avenue Grade Separation Project: Upcoming Night Work

Dear Caltrain Neighbor

As part of the 25th Avenue Grade Separation Project, crews will begin installing temporary shoring at 25th Avenue in the Califrain As part or the 25th avenue Grabe separation Project, crews will begin installing temporary shoring at 25th avenue in the Latitating fight-of-way in mid-February. Sheet piles, used for temporary shoring, are a retention system where steel sheets are installed with rightor-way in mid-February. Sheet piles, used for temporary shoring, are a retention system where steel sheets are installed we a vibratory hammer to create a support wall. In an effort to mitigate the noise, crews will pre-drill prior to inserting the sheets. pratory nammer to create a support wan. In an errort to immedite the noise, crews will pre-unit prior to Bisen drig the Sale of the majority of work is conducted during the day, some night work is required due the activity's proximity to the railroad le the majority or work is conducted during the day, some hight work is required due the activity's proximity to the r s. To start construction earlier in the evening, Caltrain plans to single track its trains when hight work is scheduled.

sidewalk and lane closures on E. 25th Avenue (between El Camino Real and S. Delaware) are also occurring as part of the I successes and one cusures one. A sun avenue (preveen ci Lamou ace and a Leisware) are asso occurring as par on the Land will be intermittent for up to four months. All businesses along E. 25th Avenue will remain open during construction. - and will be intermittent for up to four months. All dusinesses along E. 42th Avenue will remain open during construction of the construction schedule is subject to change. We apologize for any inconvenience the construction may cause.

h Avenue Grade Separation Project will raise the tracks and slightly lower the road (grade separate) at E. 25th Avenue in n Avenue Grade Separation Project will raise the tracks and slightly lower the road (grade separate) at c. 25th Avenue in Co. Caltrain, in cooperation with the City of San Mateo, is implementing the project to improve safety for both motorists and the project of the project o eo. Catraran, in Cooperation with the Lity of San Mateo, is implementing the project to improve safety for both motor strains. In addition, the project provides an opportunity to complete east-usest street connections at 28th and 31st extrains, in audition, the project provides an opportunity to complete east-west sitest connections of Louis and 232x. The project will reduce local traffic congestion and horn noise, and as part of the project improvements, coltrain will The project war reduce rocar transc congession and norm noise, and as part or the project improvements, Caitrain will be devated Hillsdale Station with updated amenities at E. 28th Avenue, allowing for better safety and reduced traffic.

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Proyecto de Separación de Niveles en 25th Avenue: Próximamente se realizarán obras nocturnas

royecto de Separación de Niveles en 25th Avenue, a mediados de febrero los equipos de trabajo empezarán a recursos de contrata de la composição de califain. Las tablestacas, utilizadas para apuntalmente de califain de ca imporates en 25th Avenue en ei derecho de paso de Calitrain. Las tadiestacas, utilizadas para apunicaiar ni un sistema de retención en el que láminas de acero son instaladas con un martillo vibratorio con el fin de n un sistema de retencion en el que laminas de acero son instaladas con un marquio vioratorio con el rin de estención. Con el propósito de reducir el ruido, los equipos de trabajo realizarán perforaciones preliminares etencion, con ei proposito de reducir el ruido, ios equipos de tradajo realizaran perioraciones preiminares. Il las tablestacas. Aunque la mayor parte de la obra se llevará a cabo durante el día, es necesario realizar algún as capiesacas. Aunque la mayor parte de la obra se nevara a capo durante el dia, es necesario realizar algun bido a la proximidad de la obra a las vias del tren. Para empezar las obras de Construcción más temprano por la ga colocar a sus trenes en una sola vía Cuando se haya programado trabajo nocturno.

cabo el cierre parcial en las aceras de E. 25^{to} Avenue (entre El Camino Real and S. Delaware) como parte del cado et cierre parciar en las aceras de c. 25. Avenue (entre ci Camino Real anu 3. Unitaware) como parte uter ará intermitentemente durante hasta cuatro meses. Todos los negocios ublicados a lo largo de E. 25.º Avenue Ha interrimentemente ourante nasta cuatro meses. Totus ius negocios utricatus a iu iargo de c. 23. Averius durante las obras. Por favor tome en cuenta que el calendario de construcción está sujeto a cambios. Le p durante las utoras. Por ravul tonite en cuenta que el calendario de constru por cualquier molestía que las obras de construcción pudieran ocasionar.

on de Niveles en 25th Avenue elevará las vías y reducirá ligeramente el nivel de la calle (separación de n de riveries en 25th Avenue elevara las vias y reducira ligeramente el nivel de la calle (separación de et en San Mateo, Caltrain, en cooperación con la Ciudad de San Mateo, implementa este proyecto con el est en adit mateu. Lanzain, en cooperación con la Liudad de San Mateo, implementa este proyecto con el ad tanto de automovilistas como de peatones. Asímismo, este proyecto brinda la oportunidad de concluir the state of equiniormatical complete projects required a congestion detrafico local yet friside de trafico local yet raido de este en 26 - Avenue y 31 - Avenue, El proyecto reoucira la congestion uei tratico local y el ruido de las mejoras contempladas por el proyecto, Caltrain construirá una nueva Estación Hillsdale elevada con

evisto semanal a todas aquellas personas interesadas en las más recientes actividades de construcción. Si desea criumse para recibir el aviso semanai a todas aqueilas personas interesadas en las mas recientes actividades de construcción. Si desei criumse para recibir el aviso semanal sobre la construcción o información adicional, visite www.caltrain.com/25thGs. Si tiene alguna pregunta acerca del proyecto, sírvase llamar a la Línea Directa de Construcción de Caltraín al 650.508.7726 o envie un email a SMGradeSep@caltrain.com.







Public Outreach & Community Engagement

- Project website: www.caltrain.com/25thGS
- Construction Outreach Hotline: 650.508.7726
- Email: SMGradeSep@Caltrain.com
- Regular Updates and Public Meetings
 - Prior to Station Closure
 - Prior to Street Closure



Questions