

Lafayette Station Site Improvement Project

Lafayette Station Site Improvements Project

Construction Announcements

Starting in mid-May 2017, construction work will take place on the northern parking lots of the Lafayette Station. The work will take approximately 8 months and completed in two phases. Phase 1 will include temporary relocation of the ADA lot and intermodal zone. Phase 2 will include temporary relocation of the permit lot adjacent to Happy Valley Rd.

Entrance to the north side of the station will remain open during construction.

During construction, you can use County Connection bus routes 6 and 25 to get to the station. For more information go to: <https://countyconnection.com/maps-schedules/>

We apologize for this inconvenience and appreciate your patience. We will continue to update all interested parties so please check back regularly.

Project Description

The Lafayette Station Site Improvement project is a holistic and integrated effort combining intermodal improvements with storm water management improvements. This project consists of a redesign of the intermodal configurations of the station and installation of pervious pavers and rain gardens to capture, detain, and treat storm water runoff from the site's parking and vehicular areas.



Project Area Location



Rendering of New Parking and Intermodal Configuration



Rendering of Station Entrance

Project Goals

The project addresses traffic issues at the intermodal section and is making improvements to optimize traffic, lower congestion, and better align mode priorities. The following are the project goals.

Intermodal

- Meet ADA compliant parking and access requirements
- Improve vehicular queuing in the intermodal zone
- Improve pedestrian visibility and access to station
- Relocate and resize trash enclosures to improve functionality and access
- Provide ADA compliant connection from station to upper parking lot
- Provide bus stops for up to 2 full-size County Connection buses
- Replace and relocate bus shelter
- Improve vehicular circulation, visibility, and access from Deer Hill Road and Happy Valley Road
- Maintain bicycle amenities
- Provide LED lighting in the parking lots

Storm Water Management

- Provide effective storm water runoff capture and treatment through rain gardens and pervious pavers
- Satisfy MS4 permit requirements

Using the Power of Nature

One of the key improvements of the project is the installation of permeable pavers and rain gardens. These measures are known as low impact development (LID) and refer to systems and practices that use or mimic *natural processes* that result in infiltration, evapotranspiration or use of storm water to protect water quality and associated aquatic habitat. Older conventional designs create impervious surfaces and direct the runoff to storm water drain system without treatment. LID takes a different approach by viewing storm water as a resource rather than a waste product. LID promotes the natural movement of water within an ecosystem. The permeable pavers and rain gardens are designed to treat the runoff from the parking lot areas from potential storm water contaminants including hydrocarbons, sediments, heavy metals, trash and debris, oil and grease, and nutrients. Potential sources of this contamination include pavement wear, vehicular traffic, maintenance activities, tire wear, brake lining wear, motor oil and gasoline leaks, auto body rust, atmospheric deposition, and trash.^[1]



Examples of Rain Garden (left) and Permeable Pavers (right)

LID can help to maintain or restore a watershed's hydrologic and ecological function. The rain gardens and permeable pavement from this project are helping to protect Lafayette's Happy Valley Creek which culverts directly under the project parking lots and the station. The project also helps to protect the connected downstream waterways. Happy Valley Creek and its connected waterways are a part of the Walnut Creek Watershed which supports diverse riparian habitat and attract wildlife including Chinook and coho salmon and steelhead trout [2] (Walnut Creek Watershed Council, February 2013).



Lower Walnut Creek Channel[3] (Happy Valley Creek is a tributary)



Wildlife: Chinook Salmon, Coho Salmon, Steelhead Trout (from left to right, courtesy of NOAA Fisheries, <http://www.nmfs.noaa.gov>)

Links to More Information

[Environmental Protection Agency, Urban Runoff: Low Impact Development.](#)

[Contra Costa Resource Conservation District, Walnut Creek Watershed](#)

Project Funding Partners



Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the State Water Resources Control Board, nor does mention of trade names or commercial products constitute endorsement for recommendation for use.

Funding has also been provided by Contra Costa Transportation Authority (CCTA) through the Contra Costa County Measure J transportation sales tax.

Questions

Please Contact Norman Wong (nwong@bart.gov) with subject line "Lafayette Inquiries" for any questions or comments.

Language Assistance

If you need language assistance services, please call 510-464-6752.

若您需要语言帮助服务, 请拨电: 510-464-6752.

Si usted necesita algún servicio de asistencia de lenguaje, por favor llame al 510-464-6752.

Concord Station Modernization



Rendering of future Concord Station plaza with new pedestrian lighting and trees

BART is working to improve Concord BART Station, consistent with the 2016 Concord Station Modernization Plan and supporting the City of Concord's Downtown Specific Plan.

Concord Plaza Improvements

BART will begin construction on upgrades to the BART Station plaza and parking lots in 2017, including:

- Reconfiguration of the west side plaza and parking lot to provide an improved, direct pedestrian and bicycle connection between the BART Station and Todos Santos Plaza in Downtown Concord;
- New benches, landscaping, trees, trash receptacles, pedestrian lighting, and wayfinding in the west side plaza; and
- Upgraded pedestrian crosswalks, pathways, and bicycle route striping on both sides of the station.

[Concord Plaza Improvements Summary Sheet](#)

[Concord Plaza Improvements Diagram](#)

This project is funded through Contra Costa County Measure J funds and State of California Proposition 1B funds, and is expected to be completed by 2018.

Concord Station Modernization Plan

In 2016, BART completed the Concord Station Modernization Plan, a long-term vision for station improvements to enhance accessibility, safety, capacity, state of good repair, appearance, and sustainability. This was done by comprehensively assessing needs, collecting user feedback, identifying transformative opportunities, and developing a preferred set of improvements that can be phased in over time as funding becomes available.

For more information, including a summary of community input received, view the final report:

[Concord Station Modernization Plan - 2016 \(PDF\)](#)

At this time, no funding has been identified for Station Modernization improvements beyond those included in the Concord Plaza Improvements project.

Please [contact us](#) with any questions or comments.

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