

VTA's Berryessa Extension Prepares to "GO LIVE" as System Electrification Begins



VTA is one step closer to bringing BART to Santa Clara County as construction of the infrastructure that will power the trains nears completion. The power network for the 10-mile, two-station BART Berryessa Extension consists of two high voltage substations, six traction power substations, and contact rails. The two high voltage substations will receive electricity from Pacific Gas & Electric (PG&E) to supply power to the traction power substations. The traction power substations will then convert the electricity to the right power level that BART trains need to operate. The traction power substations are spaced throughout the 10-mile alignment in order to maintain a steady level of power to the BART system.

The traction power network will provide 1,000 volts of electricity to the contact rails – also known as the third rail – which is located alongside the train tracks. There are high voltage paddles on the underside of the BART trains that will come in contact with the third rail, feeding the trains the power necessary to run along the track.

With the power network nearly complete for the BART Berryessa Extension, the equipment will undergo system integration testing to ensure that it is working properly. Once the testing is complete, the system will be fully energized, making way for the testing of BART trains along the alignment in late 2016.

Milpitas BART Station Paving the Way to San Jose



Construction at the Milpitas BART Station has progressed rapidly. Recent work has involved key station access points of entry for commuters. Crews recently completed the top floor of the six-story, 1,200 space parking garage and a 400 stall surface lot on the station campus. Four buildings were demolished to make way for the extension of South Milpitas Boulevard which will have dedicated bus and bike-only lanes. A pedestrian overcrossing bridge was installed between the Milpitas BART and Montague Light Rail Stations above East Capitol Avenue which will provide a direct connection between the two transit

systems. The exterior walls and roof of the 180-space bike storage facility are nearly complete.

In the months to come, architectural features for the parking garage and pedestrian overcrossing bridge will be manufactured and installed. Elevators and stairs will be installed for access between the pedestrian overcrossing and the station building. Walls, glass and electrical work in the station's underground passenger boarding area and street level entrance will continue. The framing of the exterior station walls will be completed and prepared for the installation of glass panels.

Congressman Michael Honda Discusses the History of Investment in BART Silicon Valley

This year marks VTA's 40 years of service in Santa Clara County. To highlight its long track record of transportation investment in the South Bay, VTA staff interviewed United States Congressman Michael "Mike" Honda from California's 17th District regarding his role in delivering VTA's BART Silicon Valley. When asked what he is most looking forward to in late 2017 when the BART Silicon Valley Phase I extension opens its doors for the first

time: "I'm looking forward to seeing people from other parts of the Bay Area coming towards San Jose," Congressman Honda responded. "The underlying mission of BART was to reduce the commute time, and take cars off the freeway so that people can enjoy a safe, clean, fast way of commuting from their home to work, from their work to home."



To watch the interview about the Congressman's involvement in the largest public works project in the county's history, visit: <http://bit.ly/1sZslEo>.

PROJECT SPOTLIGHT:

Montague Expressway Pedestrian Overcrossing

Situated in the heart of the Milpitas Transit Area Specific Plan (TASP), the future Milpitas BART Station is a catalyst for higher density, mixed-use transit-oriented development. The TASP includes more than 7,500 new residential units in the area. Developed by the City of Milpitas, the TASP envisions an elevated pedestrian and bicycle bridge over Montague Expressway for residents, workers and commuters to safely cross the eight-lane roadway and access the multimodal BART Station campus.

VTA is supporting the City of Milpitas to complete design and secure funding for construction of the Montague Expressway pedestrian overcrossing. The overcrossing will connect to the second floor of the Milpitas Station garage. In addition to TASP funding allocated by the City of Milpitas, VTA is leading the effort to pursue grant funding for the construction of the bridge on behalf of the City.

For future updates on the proposed Montague Expressway pedestrian overcrossing bridge, visit us at vta.org/bart/milpitasconstruction.



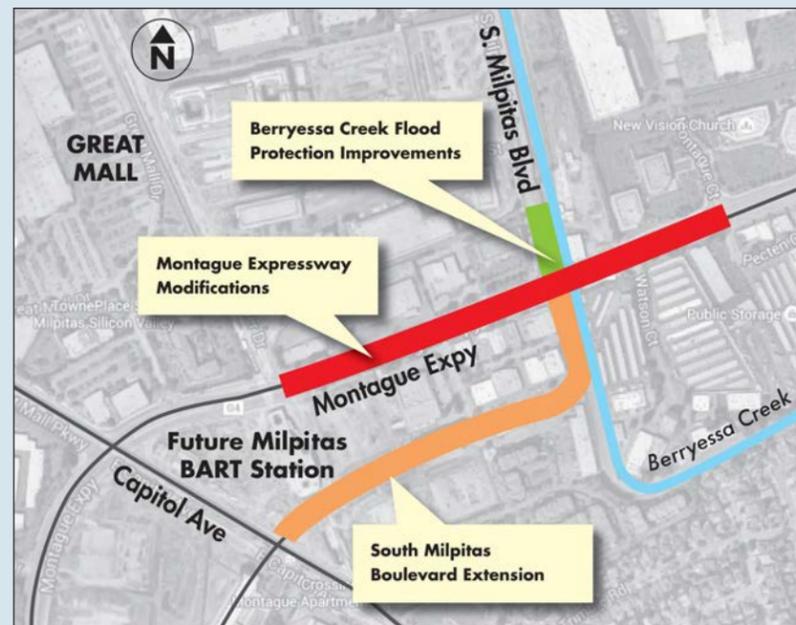
Montague Expressway/South Milpitas Boulevard Improvement Project

The South Bay is experiencing unprecedented growth and local agencies are working together to accommodate the population increase. VTA is partnering with Santa Clara County, the Santa Clara Valley Water District (SCVWD) and the City of Milpitas to imple-

ment the Montague Expressway/South Milpitas Boulevard Improvement Project. The improvements are being put in place to ensure accessibility to the future Milpitas BART Station and new housing developments, alleviate traffic concerns in the surrounding area, and preventative measures to avoid potential flooding from Berryessa Creek.

Berryessa Creek will be widened and re-engineered to accommodate major flood events. The intersection of South Milpitas Boulevard and Montague Expressway will be raised and modified to allow for increased capacity of the creek. Montague Expressway between Piper Drive and Pectin Court will also be raised to support the work. A new westbound high-occupancy vehicle (HOV) lane will be added from Interstate 680 to Capitol Avenue/ Great Mall Parkway, as well as turn and merge lanes to manage the flow of traffic along Montague Expressway. Paved shoulders and sidewalks will also be constructed along the expressway in areas where there are gaps to improve bicycle and pedestrian access. South Milpitas Boulevard will be extended from Montague Expressway to Capitol Avenue.

For more information about the project and to stay up to date on lane closures and construction activities, visit the project website at vta.org/bart/montaguemilpitas.



Legend

-  BART Tracks
-  VTA Light Rail
-  Intersection Work
-  Future Station
-  Alternative Routes

Dixon Landing Road

Expect reduced lanes, multiple traffic shifts and periodic weekend closures through winter 2016-2017 to support track construction and roadway reconstruction.

Esperare reducción de los carriles, múltiples cambios de tráfico y cierres periódicos en los fines de semana durante el invierno 2016-2017 para apoyar la construcción de vías férreas y la reconstrucción del camino.

Sẽ có giảm làn, thay đổi làn giao thông và đóng đường định kỳ cuối tuần suốt mùa Đông 2016-2017 để hỗ trợ kiến tạo thiết lộ và tái thiết lòng đường.

為配合軌道和道路施工，現在至 2016-2017 年冬季，車道可能減少，通行車道重新調整，週末道路可能不定期關閉。



East Capitol Avenue

Periodic lane reductions and traffic shifts will occur through fall 2016 for roadway restoration.

Ocurrirán reducciones periódicas de los carriles y cambios de tráfico durante el otoño del 2016 por obras de restauración del camino.

Sẽ giảm làn định kỳ và thay đổi làn giao thông suốt mùa thu năm 2016 để phục hồi lòng đường.

為配合道路施工，現在至 2016 年秋季，車道可能減少，通行車道重新調整。



Montague Expressway

Expect lane reductions and traffic shifts through fall 2017 to support the construction of a new Berryessa Creek Bridge and reconstruction of Montague Expressway.

Esperare reducción de los carriles y cambios de tráfico hasta el otoño del 2017 para apoyar la construcción de un nuevo puente de Berryessa Creek y la reconstrucción del Montague Expy.

Sẽ có giảm làn và thay đổi làn giao suốt mùa Thu năm 2017 để hỗ trợ xây dựng một cầu Berryessa Creek mới và tái thiết Montague Expy.

為配合 Berryessa Creek Bridge 新橋的建設和 Montague 快速公路的改造，現在至 2017 年秋季，車道可能減少，通行車道重新調整。



Trade Zone Boulevard

Periodic lane reductions and traffic shifts will occur through winter 2016-2017 to relocate utilities and restore the roadway.

Ocurrirán reducciones periódicas de los carriles y cambios de tráfico durante el invierno de 2016-2017 para reubicar servicios públicos y restaurar el camino.

Sẽ giảm làn định kỳ và thay đổi làn giao thông suốt mùa Đông 2016-2017 để dời các tiện ích và khôi phục lòng đường.

為配合公用設施搬遷和道路施工，現在 2016-2017 年冬季，車道可能不定期減少，通行車道重新調整。



Lundy Avenue and Sierra Road

Intersection is fully open. Expect lane reductions after the reopening to complete the roadway reconstruction and support track construction.

La intersección está totalmente abierta. Esperare reducciones de los carriles después de la reapertura para completar la reconstrucción del camino y apoyar la construcción de vías férreas.

Giao lộ hoàn toàn mở. Sẽ có giảm làn sau khi mở trở lại để hoàn thành việc tái thiết lòng đường và hỗ trợ xây dựng thiết lộ.

交叉口全面開放。重新開放後，為完成道路工程和進行軌道施工，車道可能減少，通行車道重新調整。



Berryessa Road

Expect lane reductions through fall 2016 for roadway restoration.

Esperare reducción de los carriles hasta el otoño de 2016 por restauración de caminos.

Sẽ có giảm làn đường suốt mùa thu năm 2016 để phục hồi lòng đường.

為配合道路施工，現在至 2016 年秋季，車道將有所減少。

Hostetter Road

Expect lane reductions and traffic shifts through fall 2016 to support track construction and roadway restoration.

Esperare reducciones de los carriles y cambios de tráfico durante el otoño de 2016 para apoyar la construcción de vías férreas y la restauración del camino.

Sẽ có giảm làn và thay đổi làn giao thông suốt mùa thu năm 2016 để hỗ trợ xây dựng thiết lộ và phục hồi lòng đường.

為配合軌道和道路施工，現在至 2016 年秋季，車道可能減少，通行車道重新調整。

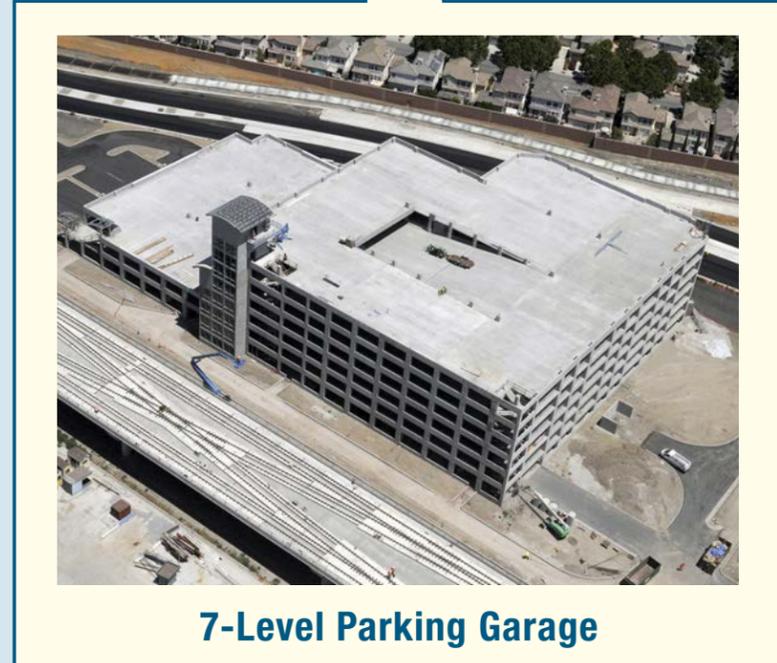


Berryessa BART Station Campus

The project reached its highest point in April 2016 when the final 15,000 total cubic yards of concrete was poured for the seven-level tiered parking garage at the Berryessa BART Station. Featuring a 109-foot elevator tower, the parking structure will include approximately 1,200 parking stalls and a mobile license plate reader system to track available spaces. Solar panels will be installed on the garage to offset approximately 42 percent of the structure's energy demand.

In addition to the 380,000 square-foot parking garage, construction of the transit center which will provide express bus service to downtown San Jose has progressed. Also under construction is an indoor bicycle storage room along with roadways and bike paths to access the Berryessa BART Station. The contractor continues to make progress on the elevated passenger boarding platforms, the interior of the station building and a police zone facility.

To see the construction progress at the Berryessa BART Station visit vta.org/bart/camviews



7-Level Parking Garage

THE HOME STRETCH

VTA is rounding the corner on the BART Berryessa Extension project which broke ground in April 2012. Several significant milestones have been met as the project makes great strides toward the start of passenger service in late 2017. The Berryessa Extension marks the regional transportation system's first line to service Santa Clara County. As construction of the major infrastructure and facilities start to wind down and system energization and testing begin to ramp up, it's amazing how much progress has been made so far.

What Has Been Done:

Over the last four years since construction began, crews have completed major components of the project including the following:

- Built bridges and 2-1/2 miles of trenches for BART trains to pass under or over 13 major intersections (grade separations)
- Constructed approximately 10 miles of track way, including a 1-mile aerial section
- Excavated 700,000 cubic yards of dirt; equal to 58,000 dump trucks
- Poured 280,000 cubic yards of concrete; equal to 28,000 concrete trucks

Track Installation		67% complete
Traction Power Cable		68% complete
Parking Garages		85% complete
BART Station Campuses		81% complete
Grade Separations		94% complete

Where We Stand:

With approximately 1-1/4 years to go before service starts, some of the remaining activities that are required to complete what is the largest capital project in the South Bay's history include:

- Installing 20 miles of tracks (10 miles in each direction)
- Connecting the infrastructure, track work and systems of the Berryessa Extension to the Warm Springs BART Station
- Installing over 22 miles of traction power cable and over 325 miles of communication cable
- Completing the parking garages at the Milpitas and Berryessa BART Stations
- Completing the Milpitas and Berryessa BART Station buildings, campus areas and roadways

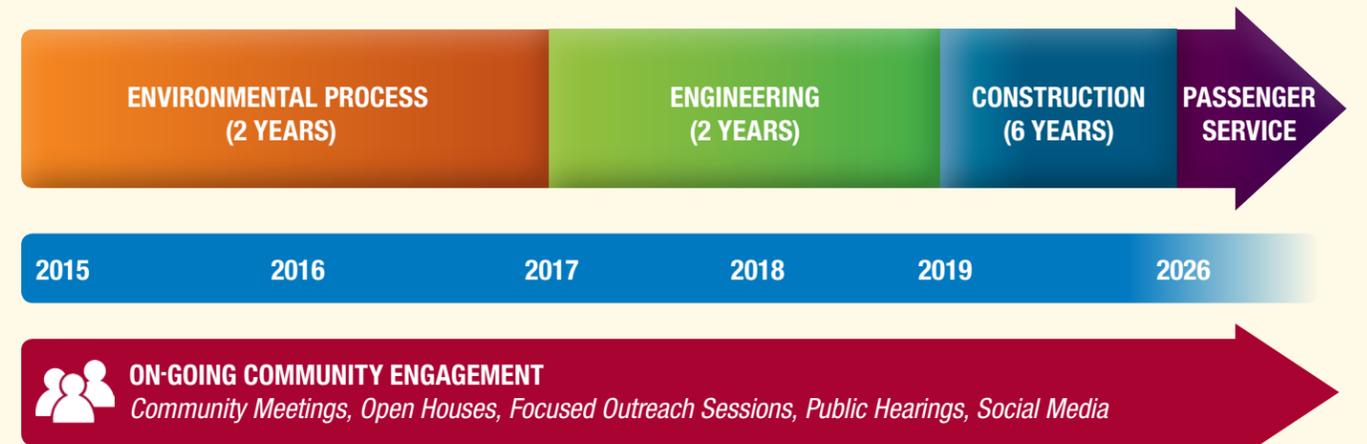
VTA's BART Silicon Valley - Phase II Update

Earlier this year, VTA's BART Silicon Valley Phase II project received Federal Transit Administration (FTA) approval to begin the Project Development phase for the proposed six-mile, four-station project under the Federal New Starts funding program. During the Project Development phase, VTA is required to clearly define the project scope after conducting a project alternatives analysis; complete the environmental review process which began in February 2015; and develop a funding plan for the project to be included in the regional long range transportation plan. VTA will also refine the Phase II project cost estimate during this phase.

VTA will work closely with the community and its public agency partners on the following Phase II initiatives in the months to come:

- **Environmental Review** - Complete the draft environmental report (SEIS/SEIR3) in fall 2016 and hold public meetings on the report to obtain community input.
- **Funding Plan** - Learn whether the ½-cent, 30-year sales tax measure to fund countywide transportation projects receives the required 2/3 voter majority. If the ballot measure passes, an anticipated \$6 billion to \$6.5 billion (2017 dollars) will be generated - of which \$1.5 billion will be allocated to Phase II.
- **Construction Methodologies and Technologies** - Evaluate construction methodology alternatives aimed at minimizing business and community impacts. This process will include investigating state-of-the-art construction technologies such as large single-bore tunneling.

To learn more about Phase II visit us at: vta.org/bart/environmentalphaseII.





BART Silicon Valley – Community Update – Summer 2016

PROGRAM OVERVIEW		
	Phase I Berryessa Extension	Phase II Santa Clara Extension
Service Area	Extends the BART System 10 miles from the future Warm Springs Station to San Jose	Extends the BART System 6 miles from the future Berryessa Station to Santa Clara
Project Cost	\$2.3 Billion	\$4.7 Billion
Stations	<ul style="list-style-type: none"> • Milpitas, near the Great Mall • Berryessa, near San Jose Flea Market 	<ul style="list-style-type: none"> • Alum Rock, in northeast San Jose • Downtown San Jose, near City Hall • Diridon, near the Diridon Caltrain Station in San Jose • Santa Clara, near Santa Clara University
Planned Passenger Service	2017	2026



Learn More

VTA provides notification of construction activities and traffic updates through the mail and website updates. If you would like to be added to the project mailing list to receive updates or have questions, comments or concerns, please contact VTA Community Outreach at the phone number or email address provided below.

Obtenga más información

VTA da aviso de las actividades de las obras y de cambios en el tráfico por medio de informes enviados por correo y publicados en el sitio Web. Si le gustaría ser agregado(a) a la lista de correo para recibir avisos, o si tiene alguna pregunta, comentario o inquietud, favor de contactar al programa de extensión a la comunidad, Community Outreach, de VTA al teléfono o al correo electrónico proporcionado a continuación.

Tim Hiểu Thêm

VTA sẽ thông báo về các hoạt động xây cất và thông tin cập nhật về giao thông qua thư gửi và cập nhật trên trang mạng. Nếu quý vị muốn được bổ sung vào danh sách thư tín để nhận các thông tin cập nhật hoặc có thắc mắc, ý kiến nhận xét hoặc quan tâm, xin vui lòng liên lạc Ban Tiếp Ngoại Cộng Đồng VTA theo số điện thoại hoặc điện thư ghi dưới đây.

進一步了解情

VTA 將透過郵件及網站提供工程通知及最新交通資訊。若想加入項目郵寄名單以獲得最新資訊，或您有問題、意見或疑慮，請使用以下電話號碼或電郵地址聯絡 VTA 社區外展部。

Individuals who require language translation, American Sign Language, or documents in accessible formats are requested to contact VTA Community Outreach at (408) 321-7575 / TTY (408) 321-2330.