



FTMRS SOLAR

San Jose Energy Storage Traffic Tunnel Project





Overview

How will PG&E's infrastructure projects impact San Jose?

The improvements include rebuilding a key substation and making several transmission interconnection and capacity enhancements that will position San Jose for continued growth and innovation. "PG&E's infrastructure projects will have a far-reaching impact beyond the net zero community.

When will construction of Silicon Valley Tunnel start?

As from Feb 2025, construction of the tunnel for the TBM and the trains for the Bart Silicon Valley Phase 2 will start, this will also feature the installation of concrete structures in the tunnel. Alongside this will be the construction of the key portals, station shafts and tunnel interconnections.

What is VTA's Bart Silicon Valley Project?

The \$2.3-billion, 10-mile first phase of VTA's BART Silicon Valley project opened for passenger service in 2020. Engineered and built by a Bechtel-led joint venture, the project included two BART stations incorporated into the new transit centers in Milpitas and Berryessa/North San Jose.

How will San Jose repurpose data centers?

Excess heat from the data centers will be harnessed and repurposed through a district energy system to heat and cool surrounding buildings. The plan addresses the growing demand for artificial intelligence (AI)-driven data centers and housing while advancing San Jose's net-zero goals.



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What next for the BART Silicon Valley II after KST JV contract ...

Dec 22, 2024 · Alongside the tunnel, the project will also feature the construction of a train maintenance and storage site together with other related facilities. The upcoming phase II of ...

Energy Storage in Underground Tunnels: The Future of ...

May 12, 2025 · Sounds like sci-fi? Well, it's already happening. Energy storage in underground tunnels is revolutionizing how we manage electricity grids, offering solutions for renewable ...

BART To San Jose Project Seems to Be ...

Aug 12, 2025 · The latest update on the BART to San Jose project of course comes with more cost overruns and time delays, but transit officials say a ...

VTA May Seek New Tunneling Contractor for BART Silicon ...

Jun 20, 2025 · The Kiewit Shea Traylor joint venture and VTA were unable to agree on the cost for the project's next stage, which includes a single-bore tunnel beneath San Jose.

Why a Single-Bore Tunnel Works for San José

Aug 14, 2025 · The single-bore approach also minimizes disruption to downtown San Jose businesses. Unlike "cut-and-cover" construction--which involves digging up streets and ...

VTA May Seek New Tunneling Contractor for ...

Jun 20, 2025 · The Kiewit Shea Traylor joint venture and VTA were unable to agree on the cost for the project's next stage, which includes a single ...

What next for the BART Silicon Valley II after KST JV ...

Dec 22, 2024 · Alongside the tunnel, the project will also feature the construction of a train maintenance and storage site together with other related facilities. The upcoming phase II of ...

VTA Board Approves First Major Contract of BART Extension ...

At its May 5th regular board meeting, the Santa Clara Valley (VTA) Board of Directors voted unanimously to authorize the General Manager/CEO to execute the first in a series of ...

PG& E Begins Energy Infrastructure Upgrades ...

Apr 9, 2025 · Westbank Issues Global Call for Data Centers SAN JOSE, Calif., April 9, 2025 /PRNewswire/ -- Today, Pacific Gas and Electric ...

Bechtel to oversee tunnel construction in \$12.7 billion BART ...

Jul 3, 2024 · This project will connect North San Jose and Santa Clara residents to the Bay Area's transportation system. The six-mile extension, which includes four new stations and a five-and ...



BART To San Jose Project Seems to Be Settling on Single-Tunnel...

Aug 12, 2025 · The latest update on the BART to San Jose project of course comes with more cost overruns and time delays, but transit officials say a single-tunnel design would involve ...

PG& E Begins Energy Infrastructure Upgrades to Bring San Jose...

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The VTA Is All in on 1 Tunnel to Connect San ...

Aug 13, 2025 · Some engineering experts raised questions about projected costs and construction timelines in a new VTA report about the long ...

VTA's BART Silicon Valley Phase 2 Project Tunneling Fact ...

May 24, 2023 · VTA's BART Silicon Valley Phase II Project is a six-mile, four-station extension that will bring BART train service from Berryessa/North San José through downtown San José ...

The VTA Is All in on 1 Tunnel to Connect San José By BART

Aug 13, 2025 · Some engineering experts raised questions about projected costs and construction timelines in a new VTA report about the long-awaited plans to connect more of ...

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