

LEAGUE OF CALIFORNIA CITIES

OUTSTANDING LOCAL STREETS AND
ROADS PROJECT AWARDS

COMPLETE STREETS | SUBMISSION



CITY OF STOCKTON
MINER AVENUE COMPLETE STREETS

MINER AVENUE COMPLETE STREETS TEAM

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ENGINEERING DIVISION | PUBLIC WORKS DEPARTMENT
TRAFFIC DIVISION | PUBLIC WORKS DEPARTMENT
OPERATION AND MAINTENANCE | PUBLIC WORKS DEPARTMENT
OPERATION AND MAINTENANCE | MUNICIPAL UTILITIES DEPARTMENT

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STEPHANIE FULLER, PROJECT MANAGER, GEORGE REED | GENERAL CONTRACTOR
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PARTNER AGENCIES

STATE OF CALIFORNIA (*CALTRANS*)
CALIFORNIA TRANSPORTATION COMMISSION
SAN JOAQUIN COUNCIL OF GOVERNMENTS (*SJCOG*)
SAN JOAQUIN REGIONAL RAIL COMMISSION
CALIFORNIA STRATEGIC GROWTH COUNCIL AND DEPARTMENT OF CONSERVATION

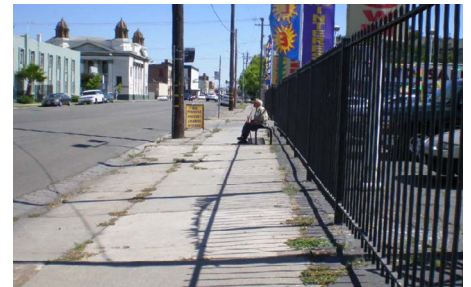
PARTNER AGENCIES

ACTIVE TRANSPORTATION PROGRAM (ATP) | FEDERAL FUNDS
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM | FEDERAL FUNDS
MEASURE K RENEWAL SMART GROWTH INCENTIVE PROGRAM | LOCAL FUNDS
LOCAL STREET RESURFACING | OPERATIONAL FUNDS
LOCAL WASTEWATER | OPERATIONAL FUNDS
TRANSFORMATIVE CLIMATE COMMUNITIES PROGRAM | GRANT FUNDS

INTRODUCTION TO MINER AVENUE



Early 1900's



Prior to major renovation.



2021 during construction phase.

The City of Stockton was founded in 1850 by Captain Charles Weber and is located in California's Central Valley. Due to its location on the San Joaquin Delta, Stockton quickly emerged as a center of commerce, especially for gold miners looking to strike it big in the Sierra foothills.

Stockton has always been driven by its downtown core, which was the center of this booming trade town, and Miner Avenue was one of the main roads through town.

As the years progressed and urban sprawl began to grow, formerly pedestrian friendly roads were replaced with massive new paved roads to accommodate cars. And as the commerce centers spread further and further from the city center, roadways, like Miner Avenue, soon saw a loss of housing, businesses, and pedestrians. The road became wide and dangerous with too many cars, the sidewalks not compliant with ADA standards, and drainage issues for stormwater runoff were some of the obstacles that needed to be overcome.

These conditions made Miner Avenue a prime candidate for renovation, and the end result is the complete renovation and transformation that has not only improved the roadway, but spurred additional investment in market rate housing along Miner Avenue, new businesses, and a proud new symbol for Downtown Stockton.

PROJECT OVERVIEW

The City of Stockton MINER AVENUE COMPLETE STREETS project idea took root in 2005 and was completed in 2022. It covered 3,500 SF/9 BLOCKS between Center Street and Aurora Streets in Stockton. Project funding came from six (6) separate funding sources - the total project cost was \$15.2 million.



Throughout this project award submission, look for These project highlights:

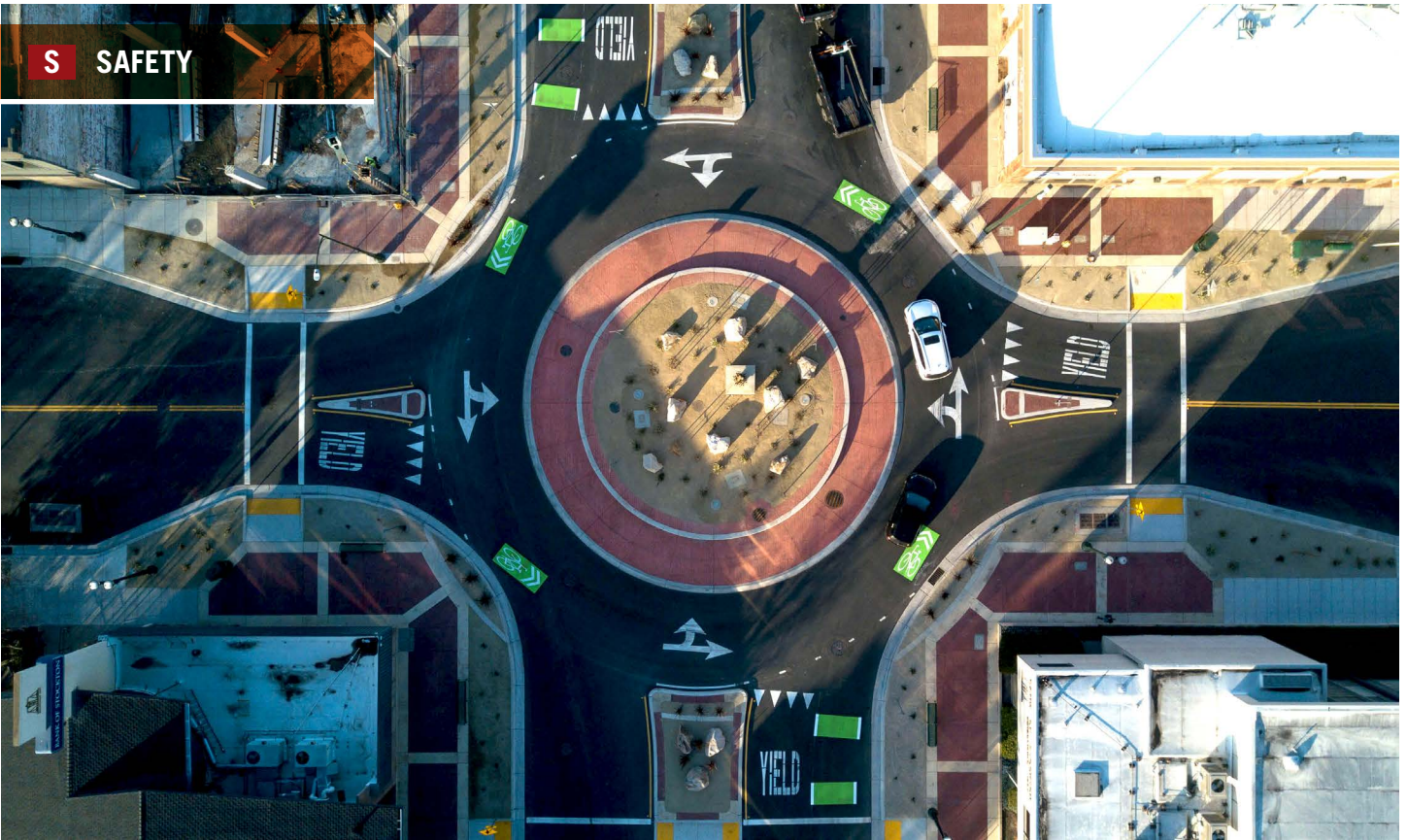
- P** PRESERVATION
- S** SAFETY
- I** INNOVATION
- SU** SUSTAINABILITY
- E** ENVIRONMENTAL
- C** COLLABORATION
- F** FUNDING

SEE FOR YOURSELF
Fly over the entire project!

<https://youtu.be/7QMzCbF04k4>



S SAFETY



With Miner Avenue having grown to a wide four lane road, one of the first issues that needed to be address was traffic habits, and the City of Stockton coordinated a long campaign with the Stockton Police Department to stage regular traffic enforcement units along Miner Avenue to ticket speeding cars. This was a critical first step.

Designs helped incorporate traffic control and phasing, which helped divert vehicle traffic out of the project site, and set expectation early about the accommodations needed for vehicles, pedestrians, and essential services.

C COLLABORATION



The City of Stockton worked on this project from grant writing to final construction, and having that working knowledge allowed ample time to work with the public and stakeholders along the corridor to ensure that the process was a smooth one!

The City worked quickly with the businesses to let them know the project, the schedule, and what construction impacts there may be. The construction schedule was carefully designed in stages, so that no business would be completely cut off from access to the public at any point from demolition to construction.

Finally, graphics and renderings were made available at public meetings, as well as to update the project schedule.

When road closures were necessary, ample public notice was given through the local newspaper, social media posting, local news organizations, and community stakeholders. Full road closures were only necessary when the roundabout work was in progress. At that time the City coordinated with the contractor and businesses to minimize disruptions to business and traffic, usually on weekends when the Downtown area is typically quiet.



SU SUSTAINABILITY

E ENVIRONMENTAL



Area's of Stockton have been deemed to have very unhealthy air quality, and this project provided a unique way to address several environmental concerns at once.

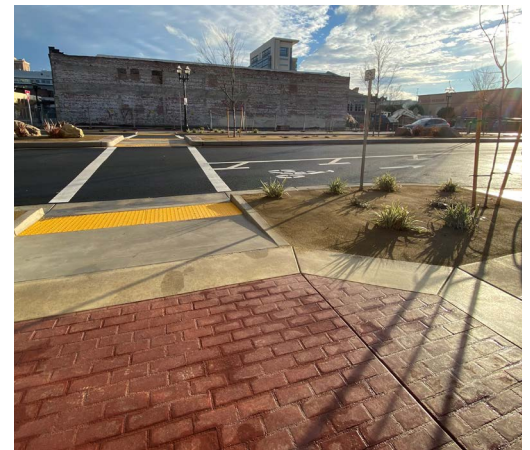
First, in keeping with the Bicycle Master Plan, the addition of Class II Bike Lanes was a first for Stockton. This unique design feature gives Miner Avenue a very unique look amongst Stockton streets, and has clearly marked and delineated bike paths to encourage more bicycle riding.

Second, a road diet taking Miner Avenue from four lanes down to two lanes helped reduce both vehicle traffic volume and speed.

Third, a roundabout was added at San Joaquin and Miner to eliminate a traffic signal, reducing congestion and mitigating air quality funds.

Finally, Miner Avenue helped connect the Robert J Cabral rail station on the east end of Miner Avenue with the Downtown Core at the west end, as well as enhanced pedestrian controls and signal upgrades to connect with the San Joaquin Regional Transit District Downtown Transfer Station one block south of the project location.

Taken together, these three items enhanced alternative methods of transportation which will help improve air quality and reduce GHG emissions.



P PRESERVATION

E ENVIRONMENTAL



SEE FOR YOURSELF

Get a ground level view!

<https://youtu.be/-P4KzVsNVrO>



Due to Stockton's location on the San Joaquin Delta, and its history of shipbuilding, many projects in Downtown Stockton can have adverse building conditions with either soil contamination or too much moisture content. Working with dedicated environmental engineers in ESA as well as geotechnical engineers in BSK, Siegfried, the lead design firm, and the City of Stockton were able to assess the conditions of the project location, and mitigation efforts were presented early to the City of Stockton and Contractor to ensure that issues were identified early.

One unique aspect that Siegfried and the City of Stockton had to overcome was the historical register and basements on the site footprint. The City of Stockton has seen a lot of development, and unfortunately many old buildings were torn down. However their basements were left untouched, leaving the potential for huge openings that would need to be addressed. Siegfried performed a complete structural analysis of the corridor.

Finally, while not having been filed, four locations were noted to have been eligible to be placed on the National Register of Historic Places. Mitigation measures were put in place to reduce the construction impacts to less than significant level.

F FUNDING

C COLLABORATION



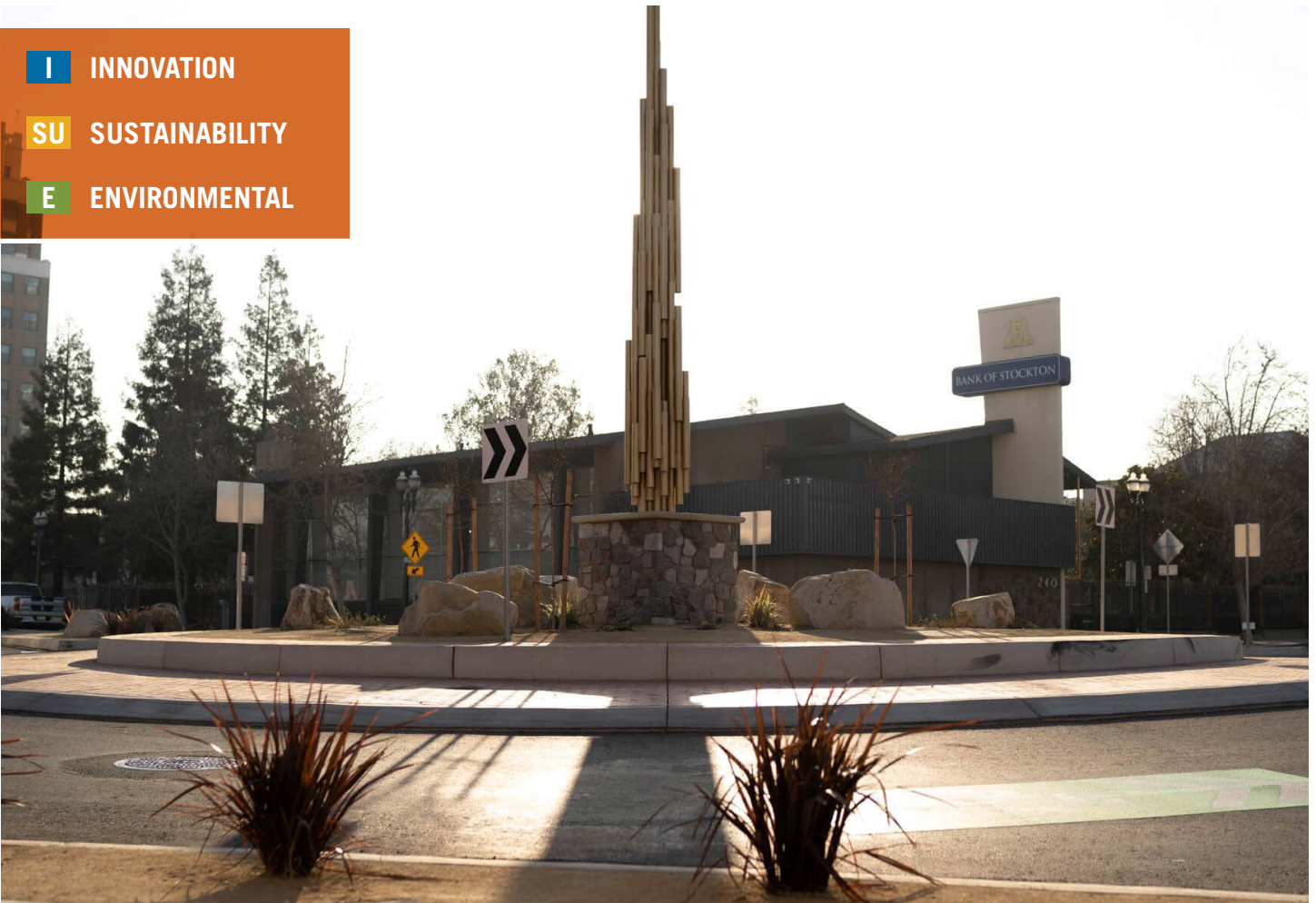
The Miner Avenue Complete Streets project pulled funding from six separate funding

buckets, ranging from State grants with the ATP to local Measure K transit taxes. As the City of Stockton needs for safety and transportation improvements arise, the ability to coordinate across agencies, as well as with local and state authorities, really helped usher this project to completion.

While adding complexities to the design and construction phase about which funding bucket would cover which part of the project, having the team from the City of Stockton coordinate this effort helped this project be done in one step, instead of several. The critical element was the reduction in construction costs by doing the project together.



- I INNOVATION
- SU SUSTAINABILITY
- E ENVIRONMENTAL



The final sustainable element utilized was a historic piece for the City of Stockton. A fountain had been removed to make way for the new State of California courthouse. Realizing the historical significance of the piece, the fountain spire, which has been saved, was added to the roundabout as a central focal point.

The **Spire** was originally designed in 1965 by **Glen Mortenson**, Architect and Director of **Save Downtown Stockton Foundation** (SDSF). The Spire adorned the Hunter Square, the historic central plaza next to the San Joaquin County Courthouse, for 48 years. Since the new courthouse construction, after its removal from Hunter Square, the sculpture (SPIRE) was preserved by the City of Stockton and finally met its final home at the Miner Avenue Roundabout at Miner Avenue and San Joaquin Street. This gives recognition to the history of the City, while utilizing an art piece that might have been forgotten. Today, this stands as a proud monument to the completion of this historic and beautifully renovated roadway!

LAYING THE FOUNDATION The work on Miner Avenue helped lay a foundation for a complete streets projects from grant writing to construction. As a result, the City of Stockton has additional complete street and road diet projects well underway including on Main Street, California Avenue, and Eight Mile Road that will support bike lanes and public transportation. **View this, and other Public Works Projects, at www.stocktonca.gov/MinerAve**