



CITY OF RIVERSIDE

14th STREET UNDERPASS STORMWATER PUMP STATION

City of Riverside’s 14th Street Underpass Stormwater Pump Station Planning Project



SCOPE

The City of Riverside’s 14th Street Underpass Stormwater Pump Station Planning Project proposes the design and planning of an upgraded stormwater pumping system to mitigate flooding in a critical transportation corridor that connects Downtown Riverside to the Eastside and to University Neighborhoods. The upgraded system will help eliminate the reoccurring flooding due to storm events that bring 5-6 feet of water to the underpass, preventing traffic flow and creating a potential public hazard. By designing the system to handle extreme weather events, the project ensures continuous access to emergency services, public transportation, and daily commutes, even during severe storms. The project’s design will consider future growth and urban development, ensuring that Riverside’s infrastructure remains robust and resilient for years to come.

COST

Project Approval and Environmental	\$500,000
Plans, Specifications, and Estimate	\$750,000
Total Planning Project Cost	\$1,000,000

OUTCOMES

- Enhanced Safety by eliminating flooding in the underpass
- Maintaining emergency response route and open roadway
- Reducing Environmental pollutants by improving drainage



Travel Time Reliability



Congestion Reduction



MultiModal Safety Enhancements



Air Quality Improvement



Disadvantaged Community Benefits



Emergency Response Time Reduction