



Statement of Qualifications (SOQ)

Transportation



Harris & Associates

Firm Profile

Delivering Transportation Solutions That Build Stronger Communities

At Harris, we believe transportation infrastructure is more than just roads and rails—it's the foundation for thriving, connected communities. With over 50 years of experience, Harris partners with public agencies to plan, design, and deliver transportation projects that prioritize mobility, safety, sustainability, and economic vitality.

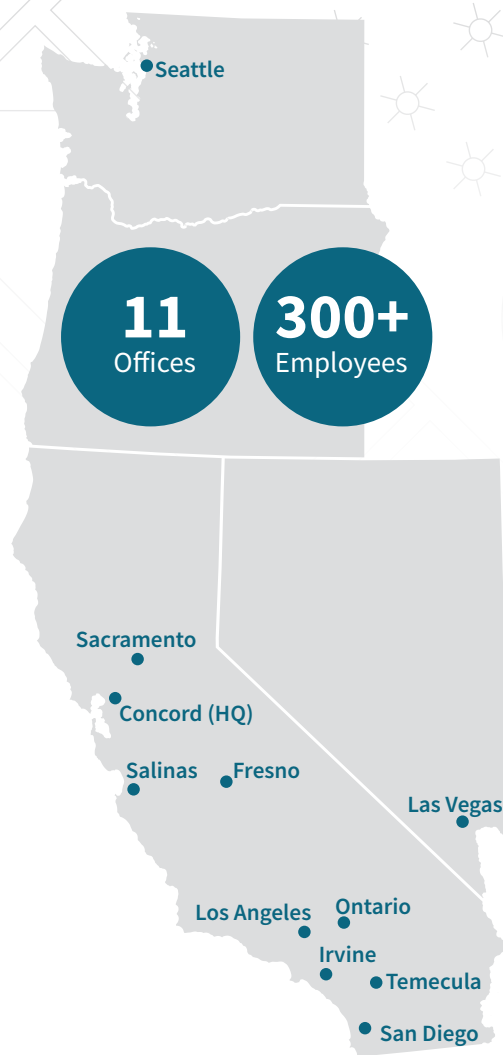
Our multidisciplinary teams work on some of the nation's most ambitious and technically complex projects—from billion-dollar freeway improvements to the nation's first High-Speed Rail. Whether addressing aging infrastructure or navigating congested urban corridors, Harris helps agencies manage risk, meet regulatory requirements, and safeguard funding while delivering results on time and within budget.

An Integrated Team from Planning to Delivery

Harris offers a full-service team of engineers, designers, biologists and environmental scientists, construction managers, and project controls professionals with deep expertise across the entire project lifecycle. Our technical capabilities include:

- Caltrans Standard Plans and Specifications
- Greenbook standards
- Local Assistance Procedures Manual (LAPM)
- Caltrans Construction Manuals
- SB1 and federal funding compliance

We maintain meticulous documentation and reporting to verify accountability, protect agency funding, and meet all local, state, and federal requirements. Our exceptional federal audit record reflects our consistent commitment to transparency and integrity.



Trusted by agencies across the West Coast to deliver transportation solutions that connect and strengthen communities.

Why Harris

"The construction inspection staff from Harris & Associates were very professional and detail-oriented in this project, helped me, as the resident engineer of the project, resolve potential claims with their collaboration/experience in the field, their detailed inspection reports, and debriefing with resident engineer and structure representative."

— Andrew Chuah, Project Manager, Caltrans regarding the West County Connectors - East Connector SR-22 to I-405 project

"It was a pleasure to have worked with the Harris team. You are a huge reason why our project was successful. I want to thank you for your leadership, dedication and sense of ownership of the project. What was comforting for me is that I could always count on you."

— Dennis Mak, OCTA regarding the West County Connectors—East Connector SR-22 to I-405 project

"City and Harris staff met with FHWA and Caltrans representatives for a comprehensive review of the project administration and records. The overall appraisal was that the City 'did good,' and our pre-construction documentation was 'excellent.' They also said that Harris had done a great service for the City in managing and properly documenting the project."

— Brian McMinn, Principal Engineer (former), City of Monterey regarding the Holman Highway Roundabout SR1 & SR68 Ramps

In-House, Multidisciplinary Teams

Seamless delivery across design, engineering, environmental, and program/construction management.

Caltrans + Federal Funding Experts

Knowledge of Caltrans processes, LAPM, and federal funding requirements supports compliance, reduces delays, and drives successful project delivery.

Community-Focused Approach

We engage stakeholders early and often to build trust and reduce conflict.

Purpose-Driven Leaders

With decades of experience across every mode and phase of transportation, our team is driven by a commitment to building equitable, resilient, and sustainable communities.

COMPREHENSIVE SERVICES



Advisory Services



Asset Management



Civil Design



Climate Change + Sustainability



Community Development + Housing



Community Planning



Construction Management



Environmental Planning + Compliance



Municipal Engineering



Municipal Finance



Program Management



Risk + Resilience



Special District Finance



Water Consulting

Services

Rail + Transit

Harris draws upon our veteran expertise in design standards to deliver smart, safe solutions for every rail and transit project. Our award-winning project and construction management services are why the California High-Speed Rail Authority chose Harris to work on its Construction Package 1—the largest rail project in California state history.

LEARN MORE ►



Roads + Highways

Harris helps enhance and expand critical arteries to relieve congestion and improve safety while managing costs and public expectations. For decades, Harris has helped transportation agencies bypass congestion challenges by providing a full suite of engineering, construction management, and environmental compliance services.

LEARN MORE ►



Bridges

Whether replacing or rehabilitating bridges, Harris employs proactive approaches throughout every phase for minimizing impacts on nearby residents, the environment, and budgets. Our engineers and construction managers keep meticulous track of every moving part on high-stakes projects, including all types of bridges, new underpasses, rail projects, and grade separations.

LEARN MORE ►



Ports

Harris helps ports modernize and expand critical infrastructure to improve goods movement, reduce congestion, and enhance safety—while managing costs and community expectations. With decades of experience, Harris supports port authorities in navigating complex transportation challenges through integrated engineering, construction management, and environmental compliance services.

LEARN MORE ►



Rail + Transit

2021 CTF
Structure Project
of the Year
Transportation
Award



California High-Speed Rail (CAHSR) Package 1

California High-Speed Rail Authority

Harris oversees the \$3.9 billion design-build contract for the first segment of California's High-Speed Rail, managing the construction of bridges, roadway modifications, and utility relocations. The project earned an Envision Platinum rating—the first of its kind at this scale—for its sustainability achievements. Harris also ensures full environmental compliance through sensitive habitat and waterways, protecting special-status species and meeting all permit requirements.

Construction Management • Environmental



Caltrain Modernization Program Caltrain

As part of Caltrain's \$1.3 billion system-wide electrification, Harris provided design services for utility relocations, bridge encasements, and storm drain/oil-water separator systems. The project transitions Caltrain from diesel to electric service—cutting emissions, increasing capacity, and enhancing efficiency along the San Francisco–San Jose corridor. Harris supported community engagement efforts, including STEM outreach to highlight the project's sustainable design benefits.

Civil Design • Water Consulting

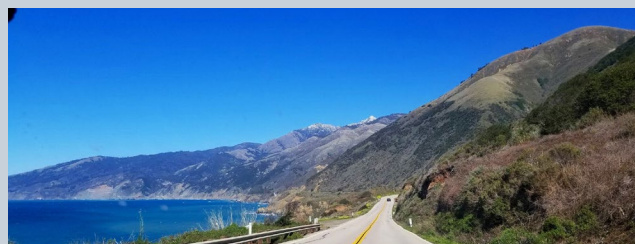


Crenshaw/LAX Transit Corridor

Los Angeles County Metropolitan Transportation Authority

This 8.5-mile light rail project improves connectivity from I-105 near LAX to Crenshaw Boulevard in Inglewood. Harris provided inspection and oversight during simultaneous construction of three post-tensioned box girder bridges, five pairs of MSE walls, two light rail stations, and a pedestrian undercrossing.

Construction Management



Monterey-Salinas Transit SURF! Busway and Bus Rapid Transit

City of San Jose

This transit initiative is connecting Marina, San Jose, Seaside, and Monterey via a dedicated 6-mile bus corridor on the former Monterey Branch Line. Harris is supporting the project with plan checking, environmental compliance management, biological surveys, and coordination with resource agencies including USFWS and CDFW to meet regulatory standards.

Construction Management • Environmental

Roads and Highways

2024
CMAA Project of
the Year & ASCE
Project of the
Year Awards

2021
Outstanding
Local Streets &
Roads Project
Award



I-405 Improvement Project

Orange County Transportation Authority

In partnership with Jacobs and Caltrans, this \$2.16 billion initiative addresses regional congestion and future traffic demands along a critical stretch of I-405. As a subconsultant, Harris provided construction management support, quality verification, traffic control coordination, environmental compliance, and public outreach assistance—contributing to the successful delivery of one of Southern California's largest freeway improvement projects.

Construction Management • Environmental



West County Connectors–East Connector (SR-22 to I-405)

Orange County Transportation Authority

Harris provided construction management and technical oversight for this \$75 million project linking HOV lanes along I-405 and SR-22. Spanning three miles through four cities, the project included two bridge replacements, a 1,100-foot multi-span HOV connector, ramp reconstruction, new and widened lanes, traffic signal and lighting upgrades, and MSE walls. Harris coordinated closely with OCTA and Caltrans to deliver the project on schedule and within budget along California's busiest freeway corridor.

Construction Management



SR-22 Improvement Project

Orange County Transportation Authority

The project included 34 interchanges, two railroad grade separations, one freeway-to-freeway interchange, one HOV lane in each direction, continuous auxiliary lanes, an elevated connector, a collector-distributor road, and more than 70 retaining walls and sound walls. As a subconsultant, Harris provided full project and construction management services. Harris also served as the Lead Program Manager during the program management phase, primarily responsible for the development of the design-build contract.

Construction Management



I-405 Sepulveda Pass

Los Angeles County Metropolitan Transportation Authority

The I-405 Sepulveda Pass Widening project was a major transportation improvement. The project added a 10-mile high-occupancy vehicle (HOV) lane, improved ramps, bridges, and sound walls, and widened lanes to enhance traffic operations and safety along the corridor. Harris provided project and construction management services, supporting efforts to reduce existing and forecasted traffic congestion in one of the region's most heavily traveled freeway segments.

Construction Management

Bridges



2020 Envision
Platinum Rating
for Sustainability
Efforts



Belmont Avenue Grade Separation

California High-Speed Rail Authority

Harris provided construction management for this project, featuring a four-span, 611-foot precast girder bridge over the Union Pacific Railroad and Fresno Trench. The team oversaw construction of the spliced girder superstructure and cast-in-place deck, ensuring quality, safety, and coordination throughout the project.

Construction Management



Fresno River Viaduct

California High-Speed Rail Authority

The Fresno River Viaduct is a key component of the California High-Speed Rail Construction Package 1 (CP-1). Harris provided comprehensive oversight for the design-builder's scope, including right-of-way, utility relocations, environmental considerations, structural design, construction, quality assurance, and verification/validation processes.

Construction Management • Environmental



Avenue 44 at Coachella Valley Stormwater Channel Bridge Replacement

City of Indio

This transformative infrastructure project replaced a vulnerable low-water crossing with a resilient, all-weather structure. This federally funded initiative follows the washout caused by Tropical Storm Hilary in August 2023, which highlighted the critical need for a permanent solution. The new bridge, approximately 512 feet long and 78 feet wide, serves as a vital east-west connector, enhancing safety, mobility, and flood resilience for the community.

Construction Management • Water Consulting



Indian Canyon Drive Widening and UPRR Replacement

City of Palm Springs

Harris is providing construction management, inspection, and contract administration services for this \$40 million federal-aid project to widen Indian Canyon Drive and replace the existing two-lane UPRR bridge with a modern six-lane, two-span concrete box girder structure. Harris also leads environmental monitoring and compliance, securing emergency permits from RWQCB and USACE following Hurricane Hilary flooding. Our biologists provide ongoing compliance for sensitive species and regulatory permit conditions throughout construction.

Construction Management • Environmental

Ports

CASQA
Outstanding
Stormwater BMP
Implementation
Project Award

Caltrans 2017
Statewide
Partnering
Award



On-Call Program Management Port of San Diego

Since 2007, Harris has provided on-call program, project, construction management and environmental services, supporting over 10 task orders since 2021. Notable projects include the Transit Shed 1 and 2 Demolition and Site Improvements at the Tenth Avenue Marine Terminal—featuring structural demolition, hazardous material abatement, utility upgrades, and site improvements. Transit Shed 1 received CASQA's Outstanding Stormwater BMP Implementation Project Award.

Construction Management • Environmental



I-110/C Street Interchange Port of Los Angeles

Harris provided construction management and inspection services for this \$28.9 million project, including a new flyover bridge, structural widening, utilities, paving, and electrical work. The team's Caltrans expertise helped streamline reviews, submittals, and approvals, contributing to multiple Caltrans Partnering-in-Motion awards, including the 2017 Statewide Partnering Award.

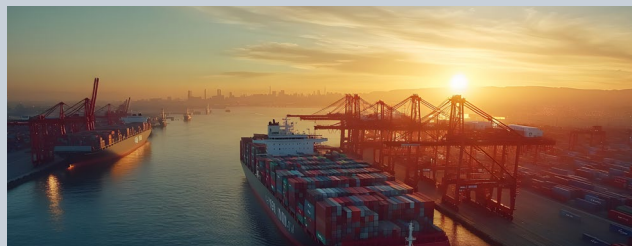
Construction Management



H Street Extension Port of San Diego

Harris provided construction management and inspection services for a new four-lane arterial roadway complete with underground utilities, dedicated bike lanes, and enhanced streetscapes. This project included the installation of a 78-inch storm drain, 16-inch waterline, and the remediation of contaminated soil. The extension improved public access and multimodal connectivity along the waterfront.

Construction Management • Water Consulting



Master Scheduler Services Port of Los Angeles

Harris has provided on-call construction management services in support of POLA's Construction Division since 2010. Under these contracts, Harris extended POLA's capabilities by providing qualified construction managers and technical experts to assist with project delivery. Our team has led constructability reviews, coordinated public outreach, managed pre-bid and pre-construction activities, tracked contractor schedules, facilitated meetings, and ensured regulatory and environmental compliance.

Construction Management • Environmental



Harris & Associates



www.WeAreHarris.com



Connect@WeAreHarris.com



800.827.4901