



PREPARED FOR



STATEMENT OF QUALIFICATIONS FOR

City of Salinas

PREPARED BY

Kimley»Horn

Expect More. Experience Better.

Traffic Signal Design Services





STATEMENT OF QUALIFICATIONS FOR

City of Salinas

 **Traffic Signal Design Services**



1. COVER LETTER AND AUTHORIZATION

6 Quail Run Circle
Suite 102
Salinas, California
93907
TEL 510 350 0215

November 30, 2018

Mr. Andrew Easterling, Traffic Engineer
City of Salinas
200 Lincoln Avenue
Salinas, CA 93901

RE: Proposal for Traffic Signal Design Services

Dear Mr. Easterling and Members of the Selection Committee:

With over 15 years of local experience, Kimley-Horn has the knowledge, experience, and expertise needed to provide signal design services at three intersections for the City of Salinas. Our team has developed a successful partnership with the City on a wide range of transportation projects, and our recent complete streets work gives us valuable insight into what is needed to effectively complete this project. By applying our local knowledge and extensive staff talent in signal design, we can work with the City to improve traffic operations and community safety. The Kimley-Horn team provides the City of Salinas with the following key advantages:

Extensive and Current Experience with the City and Surrounding Agencies. Kimley-Horn has worked effectively with the City on such projects including the Downtown Salinas Complete Street, Streetscape Master Plan for Main Street, Bardin Road Safe Routes to School, Boronda Road Corridor Widening, and Monte Bella Traffic Calming projects. ***We are currently working with the City to design the West Alisal Complete Street Project that includes provisions for fiber-optic interconnect to the proposed West Alisal at Murphy intersection.*** Our team has a good understanding of the City's design standards as well as traffic conditions in the area through these experiences and will use our expertise to successfully complete this project.

Involved and Dedicated Project Manager. Project Manager, **Elbert Chang, P.E., T.E.**, will be extensively involved in each task of this project, providing expertise in signal timing to every phase of this project. The City has seen first-hand Elbert's dedication and involvement on various past traffic signal projects. Elbert will continue to offer the same high level of service and responsiveness the City has come to expect.

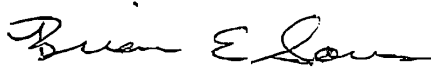
We appreciate the opportunity to submit our proposal and are confident that we can offer the expertise, attention, and resources you seek for the successful implementation of this important project. If you have any questions regarding our proposal, please contact Project Manager, Elbert Chang, at **510.350.0215**, or via e-mail at **Elbert.Chang@Kimley-Horn.com**.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Elbert Chang, P.E., T.E.
Project Manager
Associate



Brian Sowers, P.E.*
Principal-in-Charge/Vice President/Senior

**Brian Sowers is an authorized representative and has authority to legally execute agreements and amendments on behalf of Kimley-Horn.*

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Additional Documents

- Key Staff Resumes
- Declaration of Local Business Form

2. QUALIFICATIONS AND EXPERIENCE

Kimley-Horn has the breadth of expertise and depth of staff to successfully deliver the City of Salinas's Traffic Signal Design Services Project. Founded as a traffic and transportation engineering firm over 51 years ago, Kimley-Horn has grown and diversified under employee ownership to its present size of more than 3,400 employees in 87 offices nationwide, including our local office in Salinas. The firm is a full-service engineering and planning consulting firm offering a comprehensive range of services to both public and private clients. Kimley-Horn's project managers are backed by the resources and talents of a nationally-ranked organization comprised of creative and results-oriented engineers, planners, environmental specialists, and technicians. Our staff utilizes the latest technology and information to achieve successful results for our clients.

As experts in transportation planning, Kimley-Horn is well equipped to respond to Salinas's needs on this contract. With nearly 300 registered California professional engineers, Kimley-Horn offers specialized engineering knowledge that comes from our full range of services for transportation design projects. Our firm is known nationally as a top consultant in the planning, design, and implementation of traffic signals, centralized traffic signal systems, and Intelligent Transportation Systems. Kimley-Horn has been serving the City of Salinas since 2002 and is currently on the City's On-Call for Civil Engineering and Project Management Services.

Project References

The following project references include successful, relevant project experience completed within the last five years.

Downtown Complete Streets, Salinas, CA

An early implementation project identified in the Downtown Vibrancy Plan and the Marina Salinas Multimodal Corridor Study are complete street improvements to Alisal Street and Lincoln Avenue in Salinas. The City of Salinas successfully obtained grant funding from Transportation Agency of Monterey County (TAMC) and Caltrans' Highway Safety Improvement Program (HSIP). The route includes future bus rapid transit service, buffered and protected bicycle lanes, pedestrian crosswalks, curb bulb-outs, upgraded traffic signals, and two pedestrian scramble intersections.

Concept development documents and a cost estimated were prepared to develop project phasing that could be built with available grant funding. Kimley-Horn will be designing the roadway improvements where curb modifications and ADA pedestrian ramps are added, along with striping changes, traffic analysis, and signage. TAMC funding has been used for the consultant services, so that the project could be accelerated. The HSIP grant includes federal dollars and a separate consultant procurement process. HSIP funds will be used for City provided design (traffic signal plans and specification) and construction.



Key Staff/Role: Elbert Chang, P.E., T.E.: Traffic Signal Interconnect Design, Traffic Signal QC Review • David Sorenson, T.E.: Project Manager
John Pulliam, P.E.: Civil Engineering Design • Shawn Rainey, P.E.: Traffic Signal Interconnect Design

Reference Contact: Andrew Easterling, P.E., T.E., PTOE, Traffic Engineer, City of Salinas — andrew@ci.salinas.ca.us

Design Contract Size: \$260,900 - ~ \$190,000 Change Order (Pending)

Final Outcome: Project design scheduled delayed due to added design features. Project currently in Caltrans review. Construction anticipated to start Spring 2019.

Dougherty Road Improvements (Sierra Lane to North City Limit), Dublin, CA

The City of Dublin retained Kimley-Horn to perform preliminary engineering, environmental clearance, and final design services for the Dougherty Road Widening Project, from Sierra Lane to the north city limits. The project includes the widening of an existing undivided four-lane road to provide a six-lane divided roadway and Class II bicycle lanes along the north- and southbound directions, construct raised-landscaped median islands, include left-turn pockets at intersections, install a new signal at the Dougherty Road/South Mariposa Drive, modify existing signals at three intersections, upgrade street lighting, construct new landscaping, and replace the pedestrian/bicycle path that exists along the east side of road. The purpose of these improvements is to address current and projected traffic congestion/traffic circulation issues, accommodate buses, pedestrian, and bicycle movements from the Dublin/Pleasanton BART station to the Dougherty Road corridor.



Key Staff/Role: John Pulliam, P.E.: Project Manager and Roadway Engineer • Brian Sowers, P.E.: QC/QA Reviewer • Daniel Carley, P.E.: Transportation Engineer

Reference Contact: Gary Huisingh, Public Work Director, City of Dublin — gary.huisingh@ci.dublin.ca.us, 925.833.6630

Design Contract Size: \$1,955,400

Final Outcome: Design complete on budget and schedule. Construction completed November 2018. Project is currently wrapping up construction.

40th Street at Harlan Street and Powell Street at Doyle Street Traffic Signal Projects, Emeryville, CA

Kimley-Horn provided engineering design services for the design of two traffic signals at 40th Street at Harlan Street and Powell Street for the City of Emeryville. These new traffic signals include review of traffic signal operations, including accommodating demand from City of Emeryville Doyle Street Bike Boulevard. Kimley-Horn performed photometric lighting analysis, truck-turning templates, and traffic signal coordination for 40th Street and Powell Street as part of the preliminary design. Kimley-Horn also prepared right-of-way exhibits for installation of required traffic signal pole on non-City right-of-way. The final design included updating the City's traffic signal equipment standards to high-resolution data 2070 controller with provisions for future ATSPM functionality, upgrading curb ramps to current ADA standards, and interconnection to nearby City signals.

Key Staff/Role: Elbert Chang, P.E., T.E.: Project Manager, QC Review • Shawn Rainey, P.E.: Traffic Signal Design

Reference Contact: Ryan O'Connell, P.E., Senior Civil Engineer, City of Emeryville — roconnell@emeryville.org, 510.596.4346

Design Contract Size: \$61,709

Final Outcome: Design complete on budget and on schedule. Project scheduled for advertisement in Winter 2018.

San Francisco Boulevard Traffic Calming, Town of San Anselmo, CA

Kimley-Horn is providing an analysis of traffic calming options and developing alternatives to address a variety of safety issues on San Francisco Boulevard—a residential collector street. Multiple concepts were developed for the street, including possible treatments at four intersections. Traffic calming alternatives developed and considered included bulb-outs, mini-roundabouts, textured pavements, raised crosswalks, and speed humps. These concepts were presented to the public during two public workshops which Kimley-Horn prepared and facilitated. In addition, the second public meeting included a field demonstration, where a mini-roundabout was set-up at one of the intersections to allow the residents to experience how it would operate. Based on the input received at these two public meetings, the concepts were further refined into a final set of preferred concepts, which includes mini-roundabouts at two of the four intersections.

Key Staff/Role: John Pulliam, P.E.: Project Manager

Reference Contact: Rachel Calvert, P.E., Senior Engineer, Town of Anselmo — rcalvert@townofsananselmo.org, 415.258.4623

Design Contract Size: \$33,416

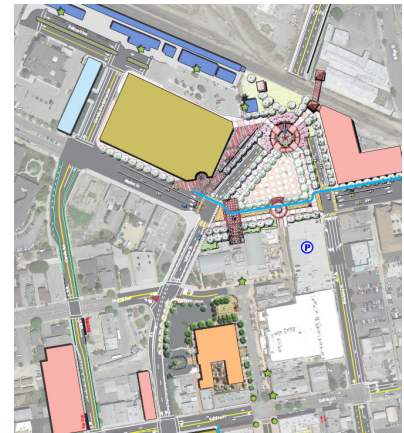
Final Outcome: Design completed on budget and on schedule. Construction scheduled to start Spring 2019.

Additional Project Experience in Salinas and the nearby vicinity:

- Monterey-Salinas Transit, Fremont-Lighthouse BRT Design, Monterey, Salinas, Seaside, CA
- Streetscape Master Plan for Main Street, Salinas, CA
- Salinas Downtown Vibrancy Plan, Salinas, CA
- Bardin Road Safe Routes to Schools, Salinas, CA
- Boronda Road Corridor Widening, Salinas, CA
- Monte Bella Traffic Calming, Salinas, CA

Additional Traffic Signal Design Experience in Northern California:

- Apple Park (Apple Campus 2) Tantau Avenue Traffic Signal and Street Lighting Improvements, Cupertino, CA
- Homestead Avenue Traffic Signal Interconnect and Signal Timing Project, Santa Clara, CA
- Lakeside Green Streets Project – Traffic Signals and Traffic Calming Improvements, Oakland, CA
- San Pablo Avenue Pedestrian Crossing Safety Improvements Project, Emeryville, CA
- De La Cruz Boulevard, El Camino Real, and Scott Boulevard Traffic Signal Interconnect and Coordination Project, Santa Clara, CA
- Sand Hill Road Traffic Signal Interconnect Adaptive Coordination Project Design Services, Menlo Park, CA



3. WORK PLAN

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Kimley-Horn has reviewed the preliminary scope of work included in the RFP and concurs with the breakdown of major tasks to be completed. Our work plan includes following clarifications and assumptions for the scope of work:

General

- Although three separate bid packages are anticipated to be prepared, the design tasks for all locations will be done in parallel.
- All traffic signals will be required to be integrated into the City's existing Siemens central traffic signal management system. It is assumed that no new network equipment (e.g. antennas, switches) will be required at City Hall for this connection.
- Based upon prior experience with the City, Kimley-Horn has included developing Right of Entry exhibits as part of the workplan for curb ramp improvement locations.
- Kimley-Horn will prepare technical specifications for the work produced based upon City of Salinas standard specifications provided by the City. City of Salinas will be responsible for preparing contract bid documents, including boilerplate.

East Alisal Street and Murphy Street

- Kimley-Horn has prepared fiber-optic interconnect plans for anticipated connection to the East Alisal Street and Murphy Street Traffic Signal. The fiber interconnect plans assume that this traffic signal will be added to Traffic Signal Group #2. The East Alisal Street and Murphy Street project plans need to include the following:
 - Fiber splice details sheet to show this connection, and the total quantity of sheets should be increased from 8 to 9 sheets.
 - Fiber termination panel, Fiber-optic branch cable, and fiber-optic patch cables will be included in the project plans.
 - Fiber specifications assumed to be the same as the Alisal Complete Streets Project.
- A raised median on East Alisal Street is included in the scope of work at this location per the draft concept include in the RFP (Attachment 4). Sidewalk, driveway, and curb ramp improvements at all corners of the East Alisal St and Murphy St intersection are assumed to be a part of the Public Safety Center plans, and are therefore excluded from the workplan.

Schedule

Based on the above clarifications and assumptions, Kimley-Horn has prepared the following schedule for this project for the City's consideration. Suggested additional milestones are shown as red text below.

Task	Description	Deadline	Date (assume NTP 1/18/19)
1	Kick-off Meeting	1 week after NTP	1/25/19
	Team Meetings	Monthly through Design Phase (assume 7 months)	Aug 2019
	City Meeting to confirm DRAFT PS&E comments	1 week after receipt of City DRAFT PS&E comments	5/10/19
2	Data Collection/Field Investigation/Utility Letters	2 weeks after kick-off meeting	2/8/19
	2.1 Mapping Existing Conditions	4 weeks after kick-off meeting	2/22/19
	2.2 Mapping Planning Improvements	4 weeks after kick-off meeting	2/22/19
3	3.1 DRAFT PS&E	6 weeks after completion of Task 2	4/5/19
	3.2 Photometric Exhibit	2 weeks after completion of Task 2	3/8/19
4	City Review Period (4 weeks)	4 weeks after submittal of DRAFT PS&E	5/3/19
	4.1 FINAL PS&E	2 weeks after Comment Review meeting	5/24/19
	4.2 Comment Response Form	2 weeks after Comment Review meeting	5/24/19
5	City preparation of Bid documents (4 weeks)		6/28/19
	Procurement Review of Bid Package (6 weeks)		8/9/19
	Advertise Construction Projects		Fall 2019
	Construction NTP issued		Winter 2019
	Construction Acceptance		Spring 2019
	5.1 Attend Construction Kick-off Meeting		TBD
	5.2 Respond to Request for Information		TBD
	5.3 Provide Alternate Design		TBD



Estimate of Hours

Based on the above clarifications and assumptions, Kimley-Horn has prepared the estimate of hours

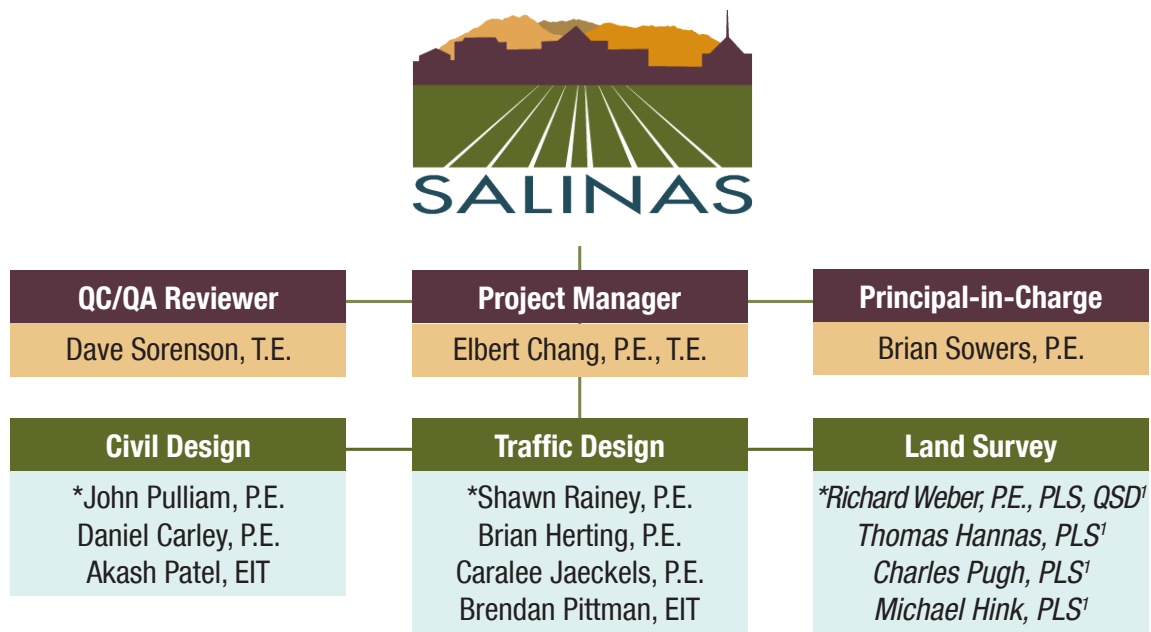
Task ID	Task Description	PIC	QA/QC	Traffic				Civil				Land Survey			
				PM	QC	Engineer	Analyst	PM	QC	Engineer	Analyst	PE	LS	Field	Support
1	PROJECT COORDINATION AND MANAGEMENT	8	4	33	0	20	13	0	0	0	0	0	0	0	0
1.1	Team Meetings	4		20		20									
1.2	Administrative	4	4	13			13								
2	BACKGROUND AND EXISTING CONDITIONS	0	0	4	2	32	32	5	0	11	19	2	12	34	36
2.1	Mapping Existing Conditions														
2.1a	East Alisal St at Murphy St			1		8	8	1		3	5	0.5	4	12	12
2.1b	Constitution Blvd and La Casitas Dr			1		8	8	1		3	5	0.5	4	12	12
2.1c	Williams Rd at Garner Ave			1		8	8	1		3	5	1	4	10	12
2.2	Mapping Planned Improvements														
2.2a	East Alisal St at Murphy St			1	2	8	8	2		2	4				
2.2b	Constitution Blvd and La Casitas Dr														
2.2c	Williams Rd at Garner Ave														
3	DRAFT PLANS, SPECIFICATIONS AND ESTIMATE	0	3	3	14	34	64	21	14	41	98	0	0	0	0
3.1	Draft Plans, Specifications, and Estimate														
3.1a	East Alisal St at Murphy St		1	1	4	10	20	7	5	14	34				
3.1b	Constitution Blvd and La Casitas Dr		1	1	4	10	20	7	4	12	27				
3.1c	Williams Rd at Garner Ave		1	1	4	10	20	7	5	15	37				
3.2	Photometric Exhibit (East Alisal/Murphy only)				2	4	4								
4	FINAL PLANS, SPECIFICATIONS AND ESTIMATE	0	3	6	12	30	48	17	6	30	66	0	0	0	0
4.1	Final Plans, Specifications, and Estimate														
4.1a	East Alisal St at Murphy St			1	2	8	16	5	2	8	20				
4.1b	Constitution Blvd and La Casitas Dr			1	2	8	16	5	2	8	18				
4.1c	Williams Rd at Garner Ave			1	2	8	16	5	2	10	20				
4.1d	Right of Entry Exhibits							2		4	8				
4.2	Comment Reponse Form														
4.2a	East Alisal St at Murphy St		1	1	2	2		1		1	2				
4.2b	Constitution Blvd and La Casitas Dr		1	1	2	2		1		1	2				
4.2c	Williams Rd at Garner Ave		1	1	2	2		1		1	2				
5	CONSTRUCTION SUPPORT (OPTIONAL)	0	0	12	3	24	42	12	3	24	42	0	0	0	0
5.1	Attend Construction Kickoff Meeting														
5.1a	East Alisal St at Murphy St			2				2							
5.2b	Constitution Blvd and La Casitas Dr			2				2							
5.3c	Williams Rd at Garner Ave			2				2							
5.2	Respond to Request for Information														
5.1a	East Alisal St at Murphy St			1		4	6	1		4	6				
5.2b	Constitution Blvd and La Casitas Dr			1		4	6	1		4	6				
5.3c	Williams Rd at Garner Ave			1		4	6	1		4	6				
5.3	Provide Alternate Design														
5.1a	East Alisal St at Murphy St			1	1	4	8	1	1	4	8				
5.2b	Constitution Blvd and La Casitas Dr			1	1	4	8	1	1	4	8				
5.3c	Williams Rd at Garner Ave			1	1	4	8	1	1	4	8				
TOTAL HOURS BY STAFF CLASSICATION		8	10	58	31	140	199	55	23	106	225	2	12	34	36
TOTAL HOURS															939

4. KEY STAFF

When you choose a consultant, you are really choosing the individuals who offer you the technical expertise, hands-on experience with similar projects, and commitment to a high standard of quality and client service that will make your project as successful as you have envisioned. The people on our team are passionate about their work and do it well.

Each member of our team is committed to the successful completion of your project. The organization chart below shows our team structure and defines relationships among disciplines and tasks.

Project Manager, *Elbert Chang, P.E., T.E.*, will be the primary point of contact for the City, providing management of the project team from kick-off through completion. Elbert is supported by *Brian Sowers, P.E.*, as Principal-in-Charge. *Dave Sorenson, T.E.*, with his extensive experience with the City of Salinas will provide QC/QA review of all deliverables. We have also selected *John Pulliam, P.E.*, and *Shawn Rainey, P.E.*, to lead the Civil and Traffic Design tasks respectively, continuing the design that they have been doing for the City on the West Alisal Complete Streets Project. Additionally, we have partnered with *Whitson Engineers* as a sub-consultant to assist with land surveying services.



Design Lead: *

Subconsultant:

*Whitson Engineers, Inc.*¹

Within section “*Additional Documents*,” resumes for our Key Personnel are provided and demonstrate their project qualifications and areas of expertise, including recent work with the City of Salinas and in Northern California. All the individuals on the project team have worked on recent projects directly or indirectly for the City of Salinas and are familiar with the standards and expectations of the City and its residents.

Sub-consultant: *Whitson Engineers, Inc. – Land Surveying Services*

Whitson Engineers is a general civil engineering and land surveying firm founded in Monterey County in 1979, concentrating in land development and governmental engineering services. Whitson Engineers maintains a public and private sector client base ranging from organizations to state and local agencies, private development, and community organizations and institutions. Whitson Engineers is a California Corporation and a State of California Certified Small Business Enterprise (SBE) and is also a Certified Green Business by the Monterey Bay Area Green Business Program.

Whitson Engineers has a fully equipped survey crew who provides all survey requirements for any client project. Utilizing the latest in Trimble global positioning systems (GPS) and total robotic stations, their professional staff has the latest in technology at their disposal to provide innovative solutions and increase client productivity. All staff are FFA-licensed Commercial Pilots using the Phantom IV Drone to increase data mobility, visualization, access, and efficiency on projects. And their land surveyors collect rectified digital orthophotos at a 2-inch pixel resolution for many survey sites, allowing current, up to date photography for use with survey data.

The firm's projects are located primarily in the Monterey Bay region and along the central and southern California coast. Their public-sector clients include the City of Seaside, City of Monterey, City of Marina, and Monterey and Santa Cruz counties. Whitson Engineers currently has on-call engineering and/or surveying contracts with City of Seaside, City of Monterey, Marina Coast Water District, Pebble Beach Community Services District, California Water Service Company, Monterey County, and Fort Ord Reuse Authority.

Below is a select list of Whitson Engineers' local surveying project experience.

- Del Monte Avenue/Pacific Street Intersection Improvement Project, Monterey, CA
- Citywide Traffic Signal Improvement Project (10 Intersections), Seaside, CA
- North Fremont St. Transit, Bicycle, & Pedestrian Network Improvements, Monterey, CA
- Carmel Route 1 Climbing Lane, Carmel, CA
- Moss Landing Storm Drain Master Plan, Moss Landing, CA
- East Cliff Drive Parkway, Santa Cruz, CA
- Boronda Area Redevelopment Plan, Salinas, CA
- Highway 68 Roundabout, Monterey, CA
- City of Pacific Grove Storm Drain Master Plan, Pacific Grove, CA
- Monterey-Salinas Transit Bus Rapid Transit (BRT) Surveying, Monterey, CA
- Imjin Parkway Widening Project, Marina, CA
- Casa Verde – Del Monte Pedestrian & Bike Improvements, Monterey, CA
- Abbott & Front Street Survey, Salinas, CA
- State Route 68 – State Route 218 to Ragsdale Drive, Monterey, CA
- Cannery Row Accessibility Improvements, Monterey, CA
- CSUMB 5th Avenue Roundabout, Seaside, CA

5. LITIGATION

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Kimley-Horn and its subsidiaries have provided services in all 50 states and numerous countries. Because of the many and varied projects we have completed, we are subject to various legal proceedings from time to time and in the ordinary course of business. It is not practical to provide a complete list as part of this proposal. None of the pending matters, if decided against Kimley-Horn, would have a material impact on our financial statements or impair in any way our ability to serve our clients. Generally, these matters are covered by insurance, and we consider them to be without merit. If you would like to discuss our legal matters in more detail, please contact Kimley-Horn's General Counsel, Richard Cook, at 919.677.2058.

Litigation cases filed in California in the last ten years are as follows:

Farhad Abad, individually and for the Estate of Mahin Ashki-Abad; Keemia Abad; and Arianna Abad v. U.S. Foods, Inc., et al.; Alameda County Superior Court; Case No. RG17856272; filed 2017; traffic accident, wrongful death claim; pending.

Air Wing, LLC v. One Piper Ranch, LLC v. Cross-Complainants; San Diego County Superior Court; Case No. 37-2014-00009315; filed 2016; alleged economic loss; Kimley-Horn dismissed; closed 2017.

Rickey Fraley, Eileen Fraley v Live Nation Worldwide, Inc., et al; San Bernardino County Superior Court; Case No. CIVDS 1707090; filed 2017; wrongful death claim; Kimley-Horn dismissed; closed 2017.

Nancy Graham v. City of Santa Cruz, et al; Santa Cruz County Superior Court; Case No. 16CV02729; filed 2017; bicycle accident, personal injuries; settled; closed 2018.

Lauth Group, Inc. v. Kimley-Horn and Associates, Inc.; US District Court Central District California; Case No. 2:07-CV-07808 GAF; filed 2008; property damage; settled; closed 2009.

Davis S. Lindley, individually and as successor in interest to David W. Lindley, Maureen K. Sennhauser, individually and as successor in the interest to David W. Lindley and The Estate of David W. Lindley v. City of Los Angeles, et al; Los Angeles County Superior Court, Central District; Case No. BC576886; filed 2015; wrongful death claim; settled; closed 2016.

Michelle Mobbs, a minor, by and through her guardian ad litem, Melvin L. Friedland v. Walden Environment, Inc. et al; Riverside County Central Superior Court; Case No. RIC 1300161; suite filed 2012 and Kimley-Horn was served 2014 as a part of the amended cross complaint; personal injury claim related to a traffic accident; Kimley-Horn dismissed 2015.

Santa Monica Malibu Unified School District v. Killefer Flammang Architects, Inc. et al; Superior Court California County of Los Angeles West District; Case No. Case No. SC115579; filed 2012; property damage; settled; closed 2013.

Brenda Sherriffs v. Kimley-Horn and Associates, Inc., et al; Santa Cruz County Superior Court; Case No. 16CV00335; filed 2016; bicycle accident, personal injuries; pending.

U.S. Real Estate Ltd. Partnership v. Lauth Group, Inc. v. Foundation Engineering Science, Inc. et al; Solano County Superior Court; Case No. FCS031826; filed 2008; property damage; settled; closed 2010.

6. DISCLOSURE

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To the best of our knowledge, neither Kimley-Horn nor any of its employees has any potential conflict of interest due to any other clients, contracts, or property interests for this project. No member of our firm ownership, management, or staff has vested interest in any aspect with the City of Salinas.



ADDITIONAL DOCUMENTS

Provided within the following pages are resumes of our key staff for this project, as well as a copy of the signed Declaration of Local Business Form.



Elbert Chang, P.E., T.E.

Project Manager

Elbert has extensive engineering and management experience in a variety of traffic engineering and Intelligent Transportation System (ITS) projects in both the private and public sector. His public sector experience includes working at the San Francisco Bay Area Metropolitan Transportation Commission, the Los Angeles County Department of Public Works and the City of Fairfield (interim Traffic Engineer, 2001-2004). He is a hands-on engineer that has worked closely on the implementation of numerous projects involving traffic signal, automated photo enforcement systems, communications networks, and centralized traffic signal and video control systems.

RELEVANT EXPERIENCE

- **Salinas Complete Streets Fiber-Optic Trunkline and Traffic Signal Interconnect, Salinas, CA** – Project Manager
- **Monterey-Salinas Transit, Fremont-Lighthouse Bus Rapid Transit (BRT) Design, Salinas, CA** – Project Engineer
- **San Pablo Avenue Pedestrian Crossing Safety Improvements, Emeryville, CA** – Project Manager
- **Filbert Street at Miner Avenue Traffic Signal Design, Stockton, CA** – Project Manager
- **Safe Routes to Transit Pedestrian and Bicycle Improvements at 40th Street and MacArthur Avenue Intersections, Emeryville, CA** – Project Manager
- **Lakeside Drive Green Streets Traffic Signal and Traffic Calming Improvements, Oakland, CA** – Project Manager
- **Signal System Evaluation and Upgrade Analysis, San Mateo, CA** – Project Manager
- **Neitzel Road and Business Center Drive Traffic Signal Design, Fairfield, CA** – Project Manager
- **Milpitas Traffic Signal Interconnect PS&E, Milpitas, CA** – Project Engineer
- **Regional Wayfinding and Real-Time Transit Signage PS&E, San Francisco Bay Area** – Project Engineer
- **SR-4 at Bailey Road Traffic Signal Installation and Traffic Signal Modification, Concord, CA** – Project Engineer
- **Apple Campus 2 Tantau Avenue Traffic Signal and Street Lighting Improvements, Cupertino, CA** – Project Engineer
- **Benton Street at Pomeroy Avenue Intersection Improvements and Signal Interconnect Project, Santa Clara, CA** – QC/QA Reviewer
- **Sand Hill Road Traffic Signal Interconnect Adaptive Coordination Project Design Services, Menlo Park, CA** – Project Engineer
- **De La Cruz Boulevard, El Camino Real, and Scott Boulevard Traffic Signal Interconnect and Coordination Project, Santa Clara, CA** – Project Engineer
- **Homestead Road and Kiely Boulevard Traffic Signal Interconnect and Coordination, Santa Clara, CA** – Project Engineer
- **Downtown 2nd and 3rd Street Signal Modification, San Rafael, CA** – Team Member

PROFESSIONAL CREDENTIALS

- Master of Science, Transportation Engineering, University of California, Berkeley
- Master of City Planning, Transportation Planning, University of California, Berkeley
- Bachelor of Science, Civil Engineering, University of California, Berkeley
- Professional Engineer in California #C61548
- Professional Traffic Engineer in California #TR2244

AFFILIATIONS

- Institute of Transportation Engineers (ITE), Member

**Brian Sowers, P.E.***Principal-in-Charge*

Brian has more than 20 years of experience providing a broad range of traffic and civil engineering services to public agencies. His experience includes signal design (more than 250 signals), signal timing and coordination (more than 3,500 signals), signal interconnect design, signal system design and evaluation, signing and striping design, street lighting design, minor civil improvement layout and design, pedestrian/ bicycle studies, ramp metering studies, traffic operations and safety studies, and analysis and design for Intelligent Transportation Systems (ITS). Brian's California signal timing experience is unmatched, having managed hundreds of signal operation and timing projects for thousands of traffic signals. Brian has experience with numerous traffic operations computer programs, including Synchro, VISSIM, Transyt-7F, HCS, CORSIM®, and PASSER. He has a long track record of delivering quality and on-time services, resulting in providing a significant amount of repeat services to his clients.

RELEVANT EXPERIENCE

- **San Jose 2017 VRF Signal Re-Timing Project (121 signals), San Jose, CA** – Project Manager
- **San Jose 2015-16 Signal Re-timing Study (108 signals), San Jose, CA** – Project Manager
- **Levi's (49ers) Stadium Event Signal Timing Development, Santa Clara, CA** – Project Manager
- **C/CAG, San Mateo County Smart Corridors Project, Incident Response and**
- **Arterial Traffic Signal Coordination, San Mateo, CA** – Project Manager
- **OCTA Chapman Avenue Traffic Signal Synchronization Project (TSSP), Orange County, CA** – QC/QA
- **OCTA Newport Avenue Traffic Signal Synchronization Project (TSSP), Orange County, CA** – QC/QA
- **San Jose 2014 VRF Signal Timing Study, San Jose CA (123 signals)** – Project Manager
- **Fair Oaks Avenue/Wolfe Road Traffic Signal Timing Project, Sunnyvale, CA** – Project Manager
- **AC Transit, Line 51 Corridor Delay Reduction and Sustainability Project, Alameda/Berkeley/Oakland, CA** – Project Engineer
- **AC Transit, Line 97 - South County Corridors Transit Performance Initiative (TPI) Project Adaptive Traffic Control System (ATCS), Hayward to San Leandro, CA** – Project Manager
- **C/CAG, San Mateo County Smart Corridors Project, Incident Response and Arterial Traffic Signal Coordination, San Mateo, CA** – Project Manager
- **City of San Jose, 2013/14 VRF Signal Retiming, San Jose, CA** – Project Manager
- **Cupertino-Stevens Creek Boulevard Traffic Signal Timing Study (MTC PASS Program), Cupertino, CA** – Project Manager.
- **Fremont Traffic Engineering On-Call Services, Fremont, CA** – Project Engineer
- **Fair Oaks Avenue/Wolfe Road Traffic Signal Timing Project, Sunnyvale, CA** – Project Manager
- **Sunnyvale-Saratoga Road Signal Coordination Project, Sunnyvale, CA** – Project Manager

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, California Polytechnic State University, San Luis Obispo
- Professional Engineer in California #C60296
- Former Instructor for UC Berkeley's Institute of Transportation Studies "Advanced Traffic Signal Operations" Course

AFFILIATIONS

- Institute of Transportation Engineers (ITE), Member

**Dave Sorenson, T.E.***QC/QA Reviewer*

Dave Sorenson has over 30 years of experience in traffic engineering and transportation planning. He has conducted over a hundred traffic studies throughout California, and has a long history in the City of Salinas. Prior to joining Kimley-Horn, Dave served as the senior traffic engineer for the City of San Diego. He served as a leader for several citywide programs and workshops, including: Transit Oriented Development Workshop, Urban Form Workshop, Growth Management Plan, and Traffic Impact Study Guidelines. Through his experience, he brings vast knowledge and understanding of the local regulations and policies. His governmental expertise has resulted in a keen understanding of the governmental approval process.

RELEVANT EXPERIENCE

- **Downtown Vibrancy Plan, Salinas, CA** – Project Manager
- **Transportation Planning and ATP Grant Application, Salinas, CA** – Project Manager
- **Bardin Road SRTS Design, Salinas, CA** – Project Manager
- **Downtown Complete Streets Design, Salinas, CA** – Project Manager
- **Bardin Road Safe Routes to School Improvements Active Transportation Program Grant, Salinas, CA** – Project Manager
- **Natividad RTP, Salinas, CA** – Project Manager
- **Main Street Master Plan, Salinas, CA** – Project Manager
- **Parking Management Plan, Salinas, CA** – Project Manager
- **Monte Bella Traffic Calming, Salinas, CA** – Project Manager
- **Traffic Impact Analysis for Allred/Collins Industrial Business Park, San Diego, CA** – Project Manager
- **Tecate Land Use Plan and Traffic Impact Study, Tecate, CA** – Project Engineer
- **De Anza Harbor Traffic Impact Analysis, San Diego, CA** – Project Engineer
- **CSC Traffic Impact Study, San Diego, CA** – QC/QA Reviewer
- **TAMC Regional Transportation Impact Fee, Monterey County, CA** – Project Manager
- **Miramar Brig Traffic Impact Analysis, Camp Pendleton, Oceanside, CA** – Project Manager
- **Delano Prison Traffic Impact Analysis, Delano, CA** – Project Manager
- **Glorietta Bay Master Plan (City Complex) Traffic Impact Analysis, Coronado, CA** – Project Manager
- **Police and Fire Training Center at Naval Training Center, City of San Diego, CA** – Project Manager
- **El Cajon Police Station Relocation, El Cajon, CA** – Project Manager

PROFESSIONAL CREDENTIALS

- Master of Science, Transportation Planning, Iowa State University
- Bachelor of Science, Civil Engineering, North Dakota State University
- Professional Engineer in California (Traffic) #1548

AFFILIATIONS

- Institute of Transportation Engineers (ITE), Member
- American Planning Association (APA), Member



John Pulliam, P.E.

Civil Design

John has more than 19 years of professional experience in the management, design, and construction of roadway and transit projects for public agency clients throughout California. He has been responsible for a wide variety of municipal projects, including traffic signals, pedestrian and bike trails, intersection improvements, complete streets, Bus Rapid Transit (BRT) design, and transit/bus stop improvements. John has managed teams of consultants during design development, construction oversight, integration testing, and operations support. He has a passion for active transportation and has a successful history of securing project funding through various grant applications, including Active Transportation Program (ATP) grants. During his time as Senior Civil Engineer at Contra Costa County, John managed the Department's grant program, supervising staff in applying for various roadway grants.

RELEVANT EXPERIENCE

- **Imjin Parkway Corridor Concept Layout and Final Design, Marina, CA** – Project Manager
- **North Fremont Street Bike and Pedestrian Access, and Safety Improvements, Monterey, CA** – Project Manager
- **On-Call Engineering Services, Monterey County, CA** – Project Manager
- **On-Call Civil, Traffic, Architectural, Engineering, and Other Professional Services, Monterey, CA** – Project Engineer
- **Alameda CTC, I-80 Integrated Corridor Mobility (ICM) Project, Alameda/Contra Costa Counties, CA** – Permit Coordinator
- **Regional Transportation System Enhancements Project (RTSEP), San Rafael, CA** – Project Engineer
- **San Francisco Boulevard Demonstration Project for Traffic Calming and Bioretention, Town of San Anselmo, CA** – Project Manager
- **Shoreline Blvd Interim Bus Lane and Utility Improvements, Mountain View, CA** – Project Manager
- **PS&E and Environmental for St. Mary's Road Double Roundabouts, Moraga, CA** – Principal-in-Charge
- **I-680 Southbound Express Lanes, Alameda County, CA** – Project Engineer
- **Dougherty Road Improvements (Sierra Lane to North City Limit), Dublin, CA** – Project Manager
- **Byron Highway and Camino Diablo Intersection Improvements, Contra Costa County, CA** – Project Manager
- **Tamalpais Avenue Grade Crossing Queue Cutters, San Rafael, CA** – Project Engineer
- **Andersen Drive Grade Crossing, San Rafael, CA** – Project Manager
- **Community Visioning Implementation and Design (Complete Streets Preliminary Concept), Sonoma, CA** – Project Engineer
- **California Drive Roundabout Project, Burlingame, CA** – Project Manager
- **Carolan Avenue Complete Street, Burlingame, CA** – Project Manager

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Missouri, Columbia
- Bachelor of Arts, Biology, Drury University
- Professional Engineer in California #C68897

AFFILIATIONS

- American Public Works Association (APWA), Member

**Shawn Rainey, P.E.***Traffic Design*

Shawn brings to the team experience in traffic engineering, transportation planning, and Intelligent Transportation Systems. His work includes traffic signal design and signing and striping. He has worked on numerous projects which involved data collection/field work, creating of CADD plans using AutoCAD and MicroStation, cost estimates, and the design of roadway signs using SignCAD. He brings proficiency with Synchro, VISSIM, AutoCAD, along with strong working knowledge and practical experience with different signal controllers and communication technologies.

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, California Polytechnic State University, San Luis Obispo
- Professional Engineer in California #C85704

RELEVANT EXPERIENCE

- **Salinas Complete Streets Fiber-Optic Trunkline and Traffic Signal Interconnect, Salinas, CA** – Project Engineer
- **Kadence Adaptive Traffic Control Signal, San Jose, CA** – Project Engineer
- **Shoreline/Villa Traffic Signal Modification, Mountain View, CA** – Project Engineer
- **Traffic On-Call (2017), San Rafael, CA** – Project Engineer
- **ARCO Freeport Boulevard and Blair Avenue Intersection Improvements, Sacramento, CA** – Project Engineer
- **TDOT, Traffic Engineering Study Services On-Call, Statewide, TN** – Project Engineer
- **Technical Design Services for ITS Infrastructure Improvements, Rancho Cordova, CA** – Team Member
- **Engineering Design Services and Traffic Signal Synchronization of G St and 16th St Corridors, Merced, CA** – Team Member
- **Signal Coordination, Sunnyvale, CA** – Team Member
- **Homestead Road and Kiely Boulevard Traffic Signal Interconnect and Coordination, Santa Clara, CA** – Analyst
- **On-Call Traffic Engineering Consulting Services 2012-2015, Sunnyvale, CA** – Analyst
- **Grant Road Adaptive Traffic Signal System, Mountain View, CA** – Analyst
- **Sand Hill Road Traffic Signal Interconnect Adaptive Coordination Project Design Services, Menlo Park, CA** – Analyst
- **C/CAG, San Mateo County Smart Corridors Project, Incident Response and Arterial Traffic Signal Coordination, San Mateo, CA** – Analyst
- **Traffic Signal at Neitzel Road and Business Center Drive, Fairfield, CA** – Analyst
- **March Lane Adaptive Traffic Control System, Stockton, CA** – Analyst
- **Crosswalk Improvements at Cherry Avenue, San Bruno, CA** – Analyst
- **On-Call Engineering Services (2001 - Now), Emeryville, CA** – Analyst
- **Fresno Area Express (FAX), Fresno Bus Rapid Transit (BRT) Design, Fresno, CA** – Analyst

**Richard Weber, P.E., PLS, QSD***Land Survey*

Richard brings over 25 years' experience as a Project Manager and Design Engineer for both public and private institutional clients. Areas of expertise include site planning and design for institutional and campus environments, storm water management, Low Impact Development (LID), road and highway design, Geographic Information Systems (GIS) and land surveying.

RELEVANT EXPERIENCE

- **City of Seaside, Citywide Traffic Signal and Pedestrian Accessibility Improvements** – Coordinated topographic surveying and construction staking and prepared plans, specifications, and estimates for improvements to ten intersections on Del Monte Boulevard, Fremont Boulevard and Broadway. Project included new signal cabinets, meters, traffic loop detectors, pedestrian pushbuttons, and curb ramps. Project was ARRA funded. Signal PS&E were prepared by sub-consultant.
- **City of Monterey, North Fremont Street** – Principal-in-Charge of surveying (as sub-consultant), including topographic surveys, boundary surveys, base mapping and right-of-way planning on Fremont Street from Casa Verde to Highway 218.
- **Monterey Salinas Transit, Bus Rapid Transit** – Managed the land surveying as a subconsultant to Kimley-Horn which included field topographic surveying, boundary surveying, right-of-way research and mapping, and utility potholing.
- **City of Monterey, Holman Highway Roundabout** – Principal-in-Charge (as sub-consultant) of surveying, including aerial control, utility location, right-of-way mapping, base mapping and legal descriptions for the Holman Highway Roundabout at Highway 1 and the Pebble Beach Main Gate.
- **City of Monterey, State Route 68 Highway Widening** – Principal-in-Charge of preparation of plans, specifications and estimate under a Caltrans Encroachment Permit State Route 218 to Ragsdale Drive.
- **Monterey County Public Works, Gonzales River Bridge, Johnson Road Bridge, Hartnell Road Bridge** – Principal Surveyor of surveying (as sub-consultant), including the preparation of topographic and right of way surveys for three bridge projects in Monterey County.
- **Transportation Agency of Monterey County, Carmel Hill and River Bike Trail Project** – Principal-in-charge of the preparation of all surveying, engineering and environmental documents related to a 2-mile-long bicycle and pedestrian trail, including a bridge over Carmel River and undercrossing under Carmel Valley Road.
- **Monterey County Public Works, State Route 1 Highway Widening, Carmel Valley Road to Morse Drive** – Managed the preparation of plans, specifications and estimate for the addition of a north bound truck climbing lane under a Caltrans Encroachment Permit.

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, Santa Clara University, Santa Clara, California
- Professional Civil Engineer in California #55219
- Licensed Professional Land Surveyor in California #8002
- Qualified SWPPP Developer/Preparer in California #20534



CITY OF SALINAS
DECLARATION OF LOCAL BUSINESS ENTERPRISE

Business Information (All information must be completed)
(Please type or print clearly in ink)

Business Name: Kimley-Horn and Associates, Inc.

Business Address: 421 Fayetteville St., Ste. 600, Raleigh, NC 27601

Local Business Office Address: 6 Quail Run, Ste. 102, Salinas, California 93907

City of Salinas Business License Number: 57543

No. of Employees: 6 No. of Full-Time Employees in Salinas 0

Current on all City of Salinas taxes, fees, assessments, and fines? ☒ Yes ☐ No

Currently subject to enforcement action by the City or in litigation with the City? ☐ Yes ☒ No

Year began doing business within the city of Salinas: 2012

Newly established business (doing business within the city of Salinas less than one year): is the newly established business owned by an individual(s) formerly employed by a local business enterprise? ☐ Yes ☐ No If Yes, for what years? N/A

Any person claiming to be a local business enterprise as defined in Article III-A of Chapter 12 of the Salinas Municipal Code shall so certify in writing under penalty of perjury that they meet all the criteria listed in Salinas Municipal Code section 12-28.020, subsection (d). A local business enterprise shall be required to submit such declaration on an annual basis and shall immediately notify the City's Purchasing Officer if there is any change in circumstances which would disqualify it from application of the preference. The City shall not be responsible or required to verify the accuracy of any such certifications and shall have sole discretion to determine if a person meets the definition of "local business enterprise."

CERTIFICATION

I declare that I am 18 years of age or older and the information contained in the foregoing application is true and correct to the best of my knowledge. Under penalties of perjury, I certify that all the information provided herein is correct and that the business enterprise I am representing meets all of the criteria set forth in Salinas Municipal Code section 12-28.020, subsection (d) for a "local business enterprise." I declare that I am authorized to submit this Declaration for and on behalf of myself and the organization described above.

Signature Brian E. Sowers

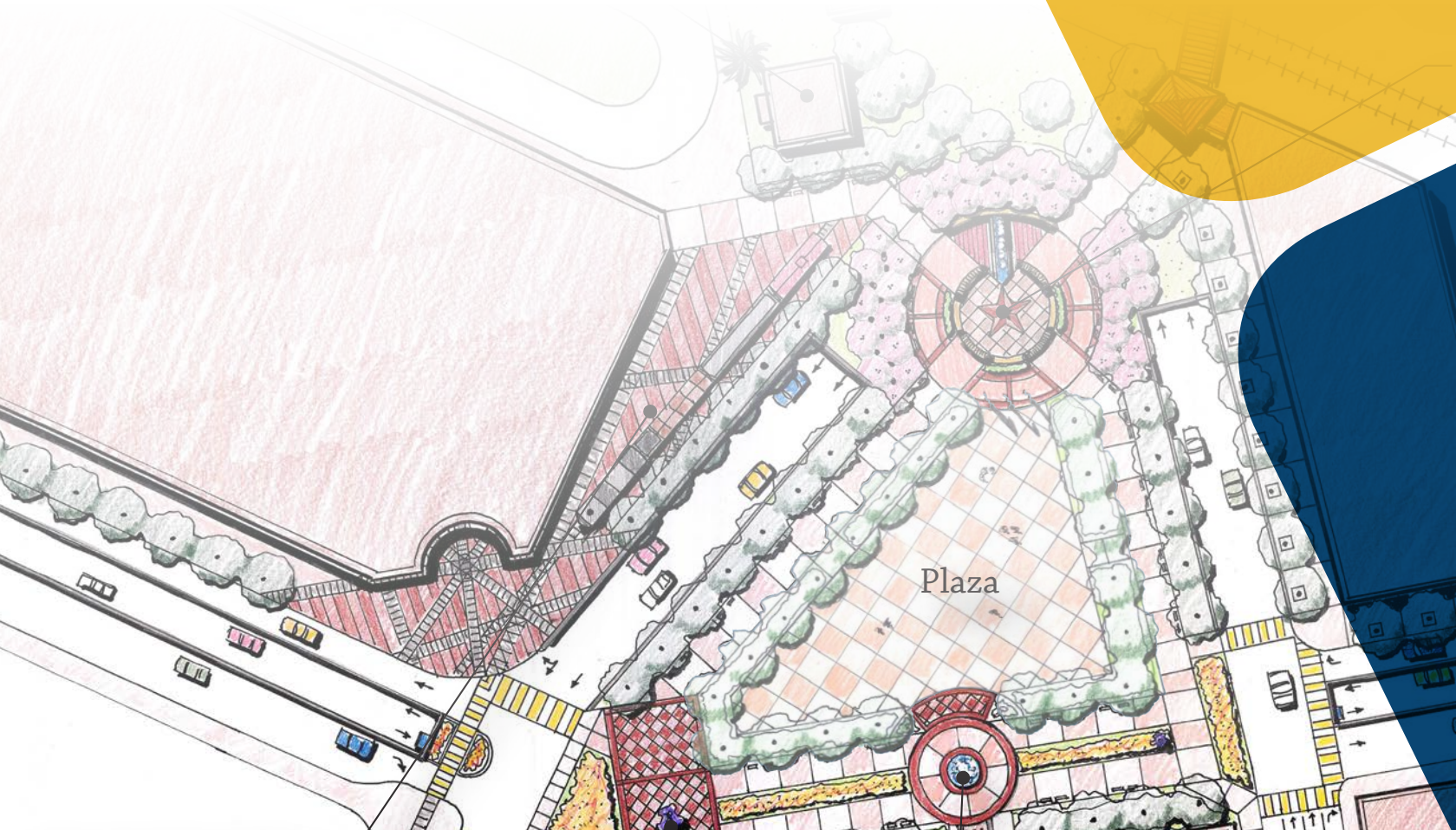
Date November 30, 2018

Printed Name: Brian E. Sowers, V.P.



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Expect More. Experience Better.

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