



Offer and Acceptance

State of Arizona
State Procurement Office

100 N. 15th Ave. Suite 201
Phoenix, AZ 85007

SOLICITATION NO.: ADSP016-00005912 Request
for Qualifications: 2016 Annual Professional
Services List

PAGE
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Offeror: Kimley-Horn

OF
1

OFFER

TO THE STATE OF ARIZONA:

The Undersigned hereby offers and agrees to furnish the material, service or construction in compliance with all terms, conditions, specifications and amendments in the Solicitation and any written exceptions in the offer. Signature also certifies Small Business status.

Kimley-Horn & Associates, Inc.

Company Name

7740 North 16th Street, Suite 300

Address

Phoenix

Arizona

85020

City

State

Zip

Signature of Person Authorized to Sign Offer

Michael J. Hermann, P.E.

Printed Name

Senior Vice President

Title

Phone: (602) 371-4542

Fax: (602) 944-7423

mike.hermann@kimley-horn.com

Contact Email Address

By signature in the Offer section above, the Offeror certifies:

1. The submission of the Offer did not involve collusion or other anticompetitive practices.
2. The Offeror shall not discriminate against any employee or applicant for employment in violation of Federal Executive Order 11246, State Executive Order 2009-9 or A.R.S. §§ 41-1461 through 1465.
3. The Offeror has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted offer. Failure to provide a valid signature affirming the stipulations required by this clause shall result in rejection of the offer. Signing the offer with a false statement shall void the offer, any resulting contract and may be subject to legal remedies provided by law.
4. The Offeror certifies that the above referenced organization IS/ X IS NOT a small business with less than 100 employees or has gross revenues of \$4 million or less.

ACCEPTANCE OF OFFER

The Offer is hereby accepted.

The Contractor is now bound to sell the materials or services listed by the attached contract and based upon the solicitation, including all terms, conditions, specifications, amendments, etc., and the Contractor's Offer as accepted by the State.

This Contract shall henceforth be referred to as Contract No. ADSP016-00005912

The effective date of the Contract is March 1, 2016

The Contractor is cautioned not to commence any billable work or to provide any material or service under this contract until Contractor receives purchase order, contact release document or written notice to proceed.

State of Arizona
Awarded this

29

day of

February

2016

Procurement Officer

STATEMENT OF QUALIFICATIONS FOR
**2016 ANNUAL PROFESSIONAL
SERVICES LIST**

SOLICITATION NUMBER ADSPO 16-00005912

**ATTACHMENT I
RESUMES**





ATTACHMENT I – General Qualifications

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912**

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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Scott J. Altherr, P.E., CFM	b. ROLE IN THIS CONTRACT Project Manager/Water Resources	c. YEARS EXPERIENCE	
		1. TOTAL 17	2. WITH CURRENT FIRM 5
d. LOCATION <i>(City and State)</i> Tucson, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Hydrology		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Certified Floodplain Manager; AZ / Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
 Scott specializes in drainage, flood control design and analysis, and floodplain management. He maintains a hands-on approach to design and analysis and is proficient in the latest hydrology and hydraulics modeling software. Whether a two-dimensional flow model or GIS-based modeling effort, he has demonstrated an aptitude for handling typical and unusual drainage circumstances.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Pima County Julian Wash Linear Park Diversion Channel Tucson, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn prepared plans and supporting documents for a 3.5-mile section of the Julian Wash Linear Park. Design components included two pedestrian/bicycle bridge locations and special retaining wall design in various locations along the corridor. Section 404 of the Clean Water Act compliance was also provided, including preparation of the Preliminary Jurisdictional Delineation and minimization and avoidance of impacts to the waters of the U.S.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	I-10, Ina Road Traffic Interchange Marana, AZ		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> This project will completely reconstruct the I-10/Ina Road traffic interchange (TI) to grade separate Ina Road with the Union Pacific Rail Road (UPRR). Kimley-Horn is responsible for the design of the reconstruction of Ina Road and local streets, including the Ina Road bridges over I-10 and UPRR, pavement drainage, signage, and pavement marking. Anticipated completion in December 2015.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Airport Wash Basin Management Study Pima County, AZ		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> As subconsultant to CMG Drainage Engineering, Kimley-Horn is providing riverine hydraulic modeling of 15.5 miles of the Hughes Wash and tributaries. Additional tasks include data collection, inventory, and alternatives analyses. This project is currently in the design phase.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	SR 86, Cross Drainage - Fresno to MP 123.9 Fresno, AZ		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Conducted under the ADOT Statewide On-Call, this project includes cross-drainage design, off-site hydrology, culvert hydraulics, bridge hydraulics, sediment transport, and scour estimates. Deliverables include construction plans, including cross-drainage, bridge, and bank protection sheets, and drainage, bridge hydraulics, and culvert hydraulics reports. This project is currently in the design phase.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Border Environment Cooperation Commission Paving Alternative Study, Tucson, AZ		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn is evaluating the current dust conditions and potential abatement solutions at five sites that characterize the diverse regions of the U.S./Mexico border in Arizona and New Mexico. Additionally, the study will assess each method's capability with land use and provide specific abatement recommendations based on effectiveness, start-up costs, and the maintenance cost over the life of the application. This project is currently in the design phase.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Anne S. Beavers, PLA	b. ROLE IN THIS CONTRACT Project Manager/Landscape Architecture	c. YEARS EXPERIENCE	
		1. TOTAL 13	2. WITH CURRENT FIRM 8
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Landscape Architecture Bachelor of Science/Environmental Studies		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, UT, NV, MT, FL/Professional Landscape Architect	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Anne is a landscape architect specializing in commercial and retail development, sustainable neighborhood layout and design, and amenity area layout and design. Her work includes streetscapes, condominiums, retail lifestyle centers, commercial centers, master plans, and multi-family projects. She works with multiple stakeholders to facilitate innovative and sustainable design solutions that meet the schedule and budgetary needs of the client.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> Kimley-Horn provided design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L, El Mirage Road TI Final Design Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> The SR 303L El Mirage Road TI design project requires the total reconstruction of approximately 2.1 miles of existing roadway to provide two travel lanes in each direction, as well as the construction of the El Mirage Road TI, including the overpass bridges, ramps, and crossroad. Anticipated design completion in July 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L Landscape (Glendale Avenue to Peoria Avenue), Glendale and Surprise, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn was selected to provide landscape architectural services for approximately three miles of SR 303L from Glendale Avenue to Peoria Avenue, including the Northern Parkway TI. Kimley-Horn prepared a Visual Prioritization Report for the project area that was utilized in conjunction with input from ADOT, the City of Glendale, and the City of Surprise to develop planting, inert material, irrigation, and aesthetic plans.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Courts Complex Tucson, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> Kimley-Horn is providing landscape architecture for Tucson's Downtown Courts Complex located at Stone Boulevard and Toole Avenue in the heart of Tucson. Services include planting, irrigation, paving, and hardscape design; rainwater harvesting system; and streetscape elements.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Mesa, Pioneer Park Renovations Mesa, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> Kimley-Horn redesigned Mesa's Pioneer Park with an emphasis on the history of the park and City. The redesign effort included a public/stakeholder meeting process, concept generation, and a master plan with a phasing schedule and construction cost estimate.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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a. NAME Lisa Burgess, PMP	b. ROLE IN THIS CONTRACT Project Manager/ITS	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 21
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Arts/English		f. PROFESSIONAL TRAINING - REGISTRATIONS Project Management Professional	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Lisa specializes in multi-jurisdictional ITS and operations projects. Her experience includes developing regional and statewide ITS strategic plans, concepts of operations, agency operations strategic plans. For these projects, she typically coordinates with several stakeholder agencies to determine needs and goals, build consensus on program vision and objectives, and develop planning strategies that can translate into sound operational practices.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Phoenix Stormwater Management Technology Assessment, Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Planner.</i> Kimley-Horn evaluated the needs of the Stormwater Program at the City of Phoenix to guide the development of a future stormwater management database application and defined the optimal use of information technology to manage stormwater compliance. An implementation plan, cost, and schedule was also developed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Phoenix ITS Strategic Plan Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Team Member.</i> Kimley-Horn developed an ITS Strategic Plan to serve as the city's roadmap for ITS planning, deployment, integration, and coordination. Kimley-Horn identified the key needs and priorities that an ITS could address, defined vision and goals for the ITS program, and identified priority corridors and projects for ITS implementation and integration.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Peoria Avenue ITS Downtown Dynamic Messaging Signs Glendale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Team Member.</i> Kimley-Horn designed new fiber optic cable housed in existing and new conduit along Peoria Avenue from 67th Avenue east to 43rd Avenue that provides fiber optic communications to six signalized intersections and five closed circuit television cameras. The project includes the design of four dynamic message signs (DMS) on the major arterials that lead to the downtown area.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Maricopa Association of Governments, US 60 TSOP Tempe ICM Detour Signal Timing Strategies, Tempe, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Team Member.</i> Kimley-Horn is providing traffic signal timing and detour strategy development services to MAG and the City of Tempe for two major parallel arterials. This project will identify traffic management strategies along Baseline Road and Southern Road. Deliverables include DynusT outputs for measures of effectiveness of intersections, Synchro models with the improved signal timing strategies, and a report documenting the project proceedings and outcomes. This project is currently ongoing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Nevada Statewide and Regional ITS Architectures Update Statewide, NV	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Planner.</i> Kimley-Horn updated the Nevada Department of Transportation Southern and Northern Regional ITS Architectures originally developed in 2004. Services included stakeholder engagement, needs assessments for each of the two major regions of the state and local agencies within those regions, ITS regional architecture development and Turbo architecture database preparation, and development of tools to facilitate the use of the architecture for projects, such as websites and incorporation into MPO project development processes.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Kimberly Carroll, P.E., PTOE	b. ROLE IN THIS CONTRACT Project Manager/Traffic Operations	c. YEARS EXPERIENCE	
		1. TOTAL 21	2. WITH CURRENT FIRM 2
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, UT, MN, LA / Professional Engineer/Professional Traffic Operations Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Kim's technical experience includes the preparation and implementation of capacity and safety studies for intersections and corridors, corridor progression analyses, signal phasing/timing, traffic signals design, intelligent transportation systems, roadway/intersection geometrics, ADA ramps and sidewalks, striping and signals, traffic control, construction staging, shop drawing review, right-of-way delineation, and utility coordination.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L, El Mirage Road TI Final Design Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The SR 303L El Mirage Road TI design project required the total reconstruction of approximately 2.1 miles of existing roadway to provide two travel lanes in each direction and the construction of the El Mirage Road TI, including the overpass bridges, ramps, and crossroad. Anticipated completion in July 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Maricopa Association of Governments Road Safety Audits Statewide, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> For each of the three Road Safety Audits (RSA) conducted under the scope of this contract, Kimley-Horn developed an RSA activity schedule; gathered relevant site data (e.g., accident data, as-builts, and right-of-way information); conducted a briefing meeting; performed field reviews for peak, off-peak, and nighttime periods; and conducted a post-audit debriefing meeting.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> 16th Street and 4th Avenue Redevelopment Yuma, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The City of Yuma selected Kimley-Horn to evaluate existing and future traffic conditions along multiple corridors representing some of the most congested roadways in Yuma. Relevant tasks included projecting future volumes and traffic conditions and determining future levels of service and appropriate improvements to mitigate traffic impacts of future developments. Construction completion anticipated in June 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Saguaro Boulevard Improvements Fountain Hills, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn was selected to design the full-depth pavement reconstruction of the existing 3.5-mile roadway profile from Trevino Drive to Fountain Hills Boulevard. Additional work included replacement of existing extruded curb, drainage improvements, median modifications, traffic signal replacement, and a project website.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Cameo Drive and 99th Avenue Intersection Project Assessment (PA), Sun City, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> As part of the MCDOT Traffic Engineering On-Call, Kimley-Horn performed a PA for this intersection and developed five alternatives to improve safety and operation, including a roundabout and geometric improvements that would not require the installation of a traffic signal. Project tasks consisted of crash history analysis, cost comparison, intersection design, roundabout analysis and design, conceptual drawings, environmental overview, right-of-way investigation, signal layout evaluation, and PA documentation. Project currently underway.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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a. NAME Rajesh S. Christian, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Roadways	c. YEARS EXPERIENCE	
		1. TOTAL 27	2. WITH CURRENT FIRM 12
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Raj's diverse background in the transportation/civil engineering field includes a diversity of disciplines including roadway design, materials, traffic design, and construction. He has served as project designer, task leader, and project manager experienced in the preparation of technical reports, construction plans, specifications, and cost estimates.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Buckeye, Skyline Regional Park Buckeye, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn was responsible for the final design of the phase 1 improvements defined in the Skyline Regional Park Master Plan, including an access roadway, internal roadways, two trailheads parking areas, an entry gate house, camping and picnic areas, a pedestrian bridge, and other associated park elements.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> I-8/Henness Road Traffic Interchange (TI) Casa Grande, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn served as the design consultant for a new I-8/Henness Road TI. This project involves preparing a DCR, an Interstate Change of Access Report, and final design plans and requires close coordination with other ongoing ADOT studies and projects in the area. Due to the close proximity with the I-8/I-10 interchange, a detailed traffic analysis was completed to demonstrate that both interchanges will operate acceptably. Construction completion anticipated in 2018.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Sanders/Chambers Port of Entry Final Design Chambers, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn is preparing the scoping study and final design documents for construction of the new Chambers port-of-entry (POE) facility. The facility will include an administration building, enclosed truck inspection building with two inspection pits and weight master's booth, exit and entrance ramps to I-40, truck scale, two lanes with credentials-check booths, hazardous materials basin, parking and security features, and other components. This project is currently in the design phase.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 95 Passing Lane – Lake Havasu City Lake Havasu City, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Under the ADOT Statewide On-Call contract, Kimley-Horn is preparing final design and PS&E for more than four miles of northbound passing lane and shoulder widening on SR 95 within the Kingman District. Services include roadway, drainage, and traffic design; erosion control; and utility and right-of-way coordination. Design and plans were expedited from 30% to 95% in less than three months and all required clearances were obtained to prepare the project for bid and potential use of federal funds.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> State Route 77 Box Culvert Extension Snowflake, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn is providing post-design construction administration for the installation of two two-foot by seven-foot concrete box culverts (CBCs) that cross SR 77, as well as a new pipe culvert crossing of Flake Road. Additional improvements include scour protection and lining of washing and swales upstream and downstream of the CBCs. Kimley-Horn was initially responsible for project design completed in July 2011. This project is currently ongoing.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME Mike Colombo, P.E., PSNP	b. ROLE IN THIS CONTRACT Electrical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 11	2. WITH CURRENT FIRM 10
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, CA/Professional Engineer Physical Security Network Professional	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Mike is an electrical engineer specializing in ITS and communications, including the design of fiber optic communications for freeway managements systems, center-to-center networks, and power distribution systems for communication nodes and field equipment. Mike provides construction support to test and troubleshoot field equipment, intra-plant communications infrastructure, and network electronics.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> 16th Street and 4th Avenue Redevelopment Yuma, AZ	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The City of Yuma selected Kimley-Horn to evaluate existing and future traffic conditions along multiple corridors representing some of the most congested roadways in Yuma. Relevant tasks included projecting future volumes and traffic conditions and determining future levels of service and appropriate improvements to mitigate traffic impacts of future developments. Construction completion anticipated in June 2016.	Professional Services 2015	Construction (if applicable)
<input checked="" type="checkbox"/>		Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Rittenhouse Road from Sossaman Road to Ellsworth Loop Road, Queen Creek, AZ	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Electrical Engineer.</i> Design services for the widening of Rittenhouse Road from the existing two-lane rural to a five-lane urban roadway, Tasks include ADA compliance, catch and retention basin improvements, a new traffic signal, 2,000 feet of new waterline, 3,500 feet of new sewer pipeline, right-of-way/easement acquisition, and utility coordination.	Professional Services 2015	Construction (if applicable)
<input checked="" type="checkbox"/>		Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> US 60 (Grand Avenue), SR 101L to McDowell Road Phoenix, Glendale, and Peoria, AZ	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Electrical Engineer.</i> This 13-mile design project will upgrade the existing roadway to enhance aesthetics and pedestrian functionality and safety. Features include simplifying access to improve traffic flow, upgrades for ADA compliance, intersection improvements, signal modifications, landscaping, utility coordination and relocation, street lighting, drainage improvements, bus bay design, and right-of-way determination and coordination.	Professional Services 2015	Construction (if applicable)
<input checked="" type="checkbox"/>		Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Phoenix Sky Harbor Triturator Design Phoenix, AZ	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Design of a new triturator (grinder pump) facility at Phoenix Sky Harbor International Airport required for aircraft sewage disposal. Responsibilities included planning, design, and construction phase services for the new facility, as well as the integration of the electrical and communications design with the existing airport system. Project currently under construction.	Professional Services 2013	Construction (if applicable)
<input checked="" type="checkbox"/>		Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Phoenix, AZ	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Electrical Engineer.</i> Design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	Professional Services 2014	Construction (if applicable)
<input checked="" type="checkbox"/>		Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Brent C. Crowther, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Transportation Planning and Design	c. YEARS EXPERIENCE	
		1. TOTAL 14	2. WITH CURRENT FIRM 14
d. LOCATION <i>(City and State)</i> Tucson, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science/Civil Engineering Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, CA, UT/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Brent is a professional engineer and project manager focused on multimodal transportation planning and design and traffic engineering. His diverse breadth of experience includes regional transportation and comprehensive plans; campus and small area transportation plans; access management and transit studies and plans; bicycle and pedestrian plans and design; corridor studies; safety analyses; and public involvement.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT I-40 Corridor Profile Study, California Border to Jct. I-17, I-40 Corridor, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Project Engineer.</i> ADOT selected Kimley-Horn to perform a corridor profile study on 200 miles of Interstate 40 (I-40) from the Arizona/California State Line to Junction I-17. The study defined the performance-based health of the corridor, identify performance-based needs and deficiencies, and developed strategic investment options for improving corridor performance.		
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Sahuarita Major Streets and Routes Plan Sahuarita, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Project Manager.</i> This project developed a policy manual to guide the implementation of the <i>Town of Sahuarita Area Transportation Study</i> as town planning and boundaries change over time. While the transportation study may be amended, the plan was a static document and served as a planning tool for conceptual scenarios for future growth. The plan defined a street functional classification system, geometric design standards, access management standards, and special/overlay routes which may need specific standards.		
3.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT AASHTO U.S. Bicycle Route System (MPD 068-14) Statewide, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Project Manager.</i> The U.S. Bicycle Route (USBR) System developed a national network of designated bicycle routes to link urban, suburban, and rural areas. The National Corridor Plan identifies priority corridors where a route could be developed as a USBR. Kimley-Horn evaluated four potential corridors in Arizona and undertook the necessary steps to achieve USBR designation if these routes were determined to be suitable.		
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Northern Arizona University Circulation Study Flagstaff, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Project Manager.</i> This study identified existing traffic, bicycle, and pedestrian circulation, connectivity, and safety needs on the northeast portion of the NAU Mountain Campus. Future needs and deficiencies were addressed as additional buildings were constructed in that portion of the campus.		
5.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Tucson Church Avenue Road Diet Tucson, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Project Manager.</i> The purpose of this project is to support the City of Tucson to implement a road diet on Church Avenue between 6th Street and 14th Street, a distance of approximately .78 miles. The Church Ave road diet will reconfigure or reduce the number of through lanes in the roadway cross-section to enable the provision of bicycle lanes.		



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Michael L. Delmarter, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Urban Planning	c. YEARS EXPERIENCE	
		1. TOTAL 28	2. WITH CURRENT FIRM 18
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Michael is a civil engineer with 27 years of project management and design experience. His principal areas of practice focus on land development, including all aspects of site planning and design, infrastructure, surveying, and mapping. Mike has provided services for a wide range of development projects, including healthcare campuses, mixed-use, residential, commercial, master planned communities, and resorts.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Carl T. Hayden VA Medical Center Parking Garage Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn is providing parking feasibility, final design, and civil/utility design services for the Carl T. Hayden VA Medical Center Parking Garage. The project will include analyses of three site locations for the parking garage and associated alternative parking structure configurations, followed by final garage design at the selected location. This project is currently under construction.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> JLB Portales - Final Improvements Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn's scope of work included site civil engineering, traffic engineering, parking design, due diligence, drainage, and grading services for this residential development in downtown Scottsdale adjacent to the Scottsdale Optima.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> APS Sub-Station at the Mayo Clinic Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn prepared preliminary and final improvement plans for the two-acre substation facility. Plans include grading, structural, drainage, landscape, and irrigation facilities.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> JLB Residences at Camelback Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn was selected to lead the site civil engineering for this 300-unit multi-family development in Phoenix. Our scope of work included schematic design, sewer relocation plans, grading and paving, on-site utility plans, fire line and lane plans, public fire hydrant plans, a drainage report, SWWP, project coordination, and construction phase services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Mayo Hospital Proton Therapy and Physician's Clinic Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn provided the site civil engineering services for the Proton Therapy Facility (PTF) and Physician's Clinic (PCAP) project. Our scope of work included schematic design, preliminary site plan, grading and drainage, parking reallocation and permitting, a drainage report, utility plans, fire line and lane planes, a final site plan, stormwater master plan, project coordination, and construction phase services.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Jason A. Getz, GISP	b. ROLE IN THIS CONTRACT GIS Specialist	c. YEARS EXPERIENCE	
		1. TOTAL 13	2. WITH CURRENT FIRM 6
d. LOCATION <i>(City and State)</i> Phoenix, AZ		e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Associate of Applied Science/CADD	
		f. PROFESSIONAL TRAINING - REGISTRATIONS	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
 Jason specializes in database design, data collection, geographic analysis, information conversion, application/web development, and cartographic display. He is proficient in the use of ESRI GIS applications and extensions along with CAD design software. Given his varied experience, interests, education, and ability to problem solve, Jason has the ability to implement numerous mapping applications for public and private sector clients.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT I-40 Corridor Profile Study, California Border to Jct. I-17, Various Locations, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>GIS Specialist.</i> ADOT selected Kimley-Horn to perform a corridor profile study on 200 miles of Interstate 40 (I-40) from the Arizona/California State Line to Junction I-17. The study defined the performance-based health of the corridor, identify performance-based needs and deficiencies, and develop strategic investment options for improving corridor performance.		
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT AASHTO U.S. Bicycle Route System (MPD 068-14) Statewide, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>GIS Specialist.</i> The U.S. Bicycle Route (USBR) System developed a national network of designated bicycle routes to link urban, suburban, and rural areas. The National Corridor Plan identifies priority corridors where a route could be developed as a USBR. Kimley-Horn is evaluated four potential corridors in Arizona and undertook the necessary steps to achieve USBR designation if these routes were determined to be suitable.		
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Colorado River Indian Tribes Long Range Transportation Plan, Parker, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>GIS Specialist.</i> Kimley-Horn was selected by ADOT to prepare an updated Tribal Long Range Transportation Plan (LRTP) and a strategic plan for the Colorado River Indian Tribes (CRIT) Reservation. Key focus areas included road maintenance and safety programs and improvement plans for bicycle, pedestrian, and transit systems. By identifying updates to the Tribal Transportation Inventory and functional classification systems, the project has helped expand the level and types of funding available to the Tribe for transportation projects.		
4.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Multimodal Pedestrian Safety Study for the Gila River Indian Community, Gila River Indian Community, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>GIS Specialist.</i> Kimley-Horn worked with the Gila River Indian Community (GRIC) and ADOT to develop a program of multimodal pedestrian safety improvements on tribal land. The scope of work includes the development of planning-level cost estimates for each proposed improvement, identification of potential funding sources, and an extensive stakeholder and public outreach component. The improvement projects were prioritized into short-, mid-, and long-range time frames.		
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Sahuarita Major Streets and Routes Plan Sahuarita, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>GIS Specialist.</i> This project developed a policy manual to guide the implementation of the <i>Town of Sahuarita Area Transportation Study</i> as town planning and boundaries change over time. While the transportation study may be amended, the plan was a static document and served as a planning tool for conceptual scenarios for future growth. The plan defined a street functional classification system, geometric design standards, access management standards, and special/overlay routes which may need specific standards.		



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Michael L. Grandy, P.E.	b. ROLE IN THIS CONTRACT Project Manager / Transportation Planning	c. YEARS EXPERIENCE	
		1. TOTAL 13	2. WITH CURRENT FIRM 13
d. LOCATION <i>(City and State)</i> Mesa, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science/Civil Engineering Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, CA/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Michael's diverse transportation experience includes corridor, pedestrian/safety, and roundabout studies; access management plans; accident analyses; and various other transportation-related projects. Michael offers design experience in traffic signals, traffic calming devices, and ITS communications, and is proficient in the use of Synchro, SimTraffic, CORSIM, AutoCAD, ArcGIS, and aaSIDRA software packages.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Gilbert Integrated Multimodal Transportation Master Plan Gilbert, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> As part of the Ayres Associates team, Kimley-Horn helped develop the Town of Gilbert's first Transportation Master Plan to address traffic congestion issues, multimodal transportation needs, prioritization of transportation improvements, and the effect of transportation systems on residents' qualities of life.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Town of Wellton Bicycle and Pedestrian Plan Wellton, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> The Town of Wellton retained Kimley-Horn to develop a bicycle and pedestrian plan as a companion document to the Town's General Plan. The plan documents the current bicycle and pedestrian network; identifies needs and opportunities; provides recommendations associated with improvement projects, policies, and programs to improve bicycle and pedestrian travel; and includes planning-level cost estimates for the recommended improvements.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> MAG Gila Bend Small Area Transportation Study Gila Bend, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> This small area transportation study (SATS) provided an inventory of existing conditions, forecasted 20-year build-out needs, identified deficiencies, developed transportation policies and standards, and identified and analyzed alternative solutions to enhance long-term mobility and access through and within the Gila Bend Municipal Planning Area. The final Multimodal Transportation Master Plan now guides the future development of the Town of Gila Bend and the entire region.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> North South Rail Spur Multi-Use Path Tempe, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The City of Tempe investigated the feasibility of constructing a multi-use path adjacent to the existing Union Pacific Railroad tracks from Tempe Town Lake to the city's southern border with Chandler. This project involved development of a preferred alignment for the path along the rail line and identification of appropriate general path design types (i.e., typologies) for the various segments along the corridor.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Phoenix Regional ITS Fiber Optic Backbone - Phase B Design (Segments 2 and 3), Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn designed 84 miles of Phoenix communications backbone in two phases to complete the fiber backbone loop around the city. Tasks included a design concept report, environmental documentation, plans, specifications, and cost estimates.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Deanna Haase, P.E.	b. ROLE IN THIS CONTRACT Project Manager and Engineer / ITS	c. YEARS EXPERIENCE	
		1. TOTAL 12	2. WITH CURRENT FIRM 10
d. LOCATION <i>(City and State)</i> Mesa, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, CA/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Deanna specializes ITS and transportation-related projects, with experience developing ITS strategic plans for municipalities across Arizona and the West. She offers experience in freeway management systems, arterial ITS design projects, and the use of Turbo Architecture for federal ITS Architecture compliance. She also provides expertise in consensus-building and integrating stakeholder input into ITS plans.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Loop 101 Incident Management Operations Plan Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager</i> Kimley-Horn supported a multi-agency effort to develop integrated corridor management strategies for the Loop 101 freeway in Scottsdale. This concept originated following an incident debrief about a multi-vehicle crash that closed Loop 101 in the hours leading up to the AM peak. Key issues addressed included interagency communications and coordination, arterial traffic operations and management during freeway traffic diversions, arterial traffic incident support teams, traveler communication, management best practices, and lessons learned.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Phoenix ITS Strategic Plan Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Team Member.</i> Kimley-Horn developed an ITS Strategic Plan to serve as the city's roadmap for ITS planning, deployment, integration, and coordination. Kimley-Horn identified the key needs and priorities that an ITS could address, defined vision and goals for the ITS program, and identified priority corridors and projects for ITS implementation and integration.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Phoenix ITS Strategic Plan Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn evaluated the needs of the Stormwater Program at the City of Phoenix to guide the development of a future stormwater management database application and defined the optimal use of information technology to manage stormwater compliance. An implementation plan, cost, and schedule was also developed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Maricopa Association of Governments, US 60 TSOP Tempe ICM Detour Signal Timing Strategies, Tempe, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Team Member.</i> Kimley-Horn is providing traffic signal timing and detour strategy development services to MAG and the City of Tempe for two major parallel arterials. This project will identify traffic management strategies along Baseline Road and Southern Road. Deliverables include DynusT outputs for measures of effectiveness of intersections, Synchro models with the improved signal timing strategies, and a report documenting the project proceedings and outcomes. This project is currently ongoing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Phoenix Regional ITS Fiber Optic Backbone - Phase B Design (Segments 2 and 3), Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn designed 84 miles of Phoenix communications backbone in two phases to complete the fiber backbone loop around the city. Tasks include a design concept report, environmental documentation, plans, specifications, and cost estimates.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME David S. Haines, P.E., PSNP	b. ROLE IN THIS CONTRACT Project Manager/Electrical and Security	c. YEARS EXPERIENCE	
		1. TOTAL 22	2. WITH CURRENT FIRM 20
d. LOCATION <i>(City and State)</i> Mesa, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Electrical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, VA, MI, ID, UT/Professional Engineer Physical Security Network Professional	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
David specializes in the design of security, electrical, and communications/SCADA systems for public agencies. He is an expert in security and communications for municipal campuses and critical infrastructure assets; operations center design; and technology assessments for assets requiring access control, detection, monitoring, geographical expansion, and enhanced system functionality.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Phoenix ITS Strategic Plan Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn developed an ITS Strategic Plan to serve as the city's roadmap for ITS planning, deployment, integration, and coordination. Kimley-Horn identified the key needs and priorities that an ITS could address, defined vision and goals for the ITS program, and identified priority corridors and projects for ITS implementation and integration.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Phoenix Stormwater Management Technology Assessment, Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Quality Assurance/Quality Control Reviewer.</i> Kimley-Horn evaluated the needs of the Stormwater Program at the City of Phoenix to guide the development of a future stormwater management database application and defined the optimal use of information technology to manage stormwater compliance. An implementation plan, cost, and schedule was also developed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Peoria Avenue ITS Downtown Dynamic Messaging Signs Glendale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn designed new fiber optic cable housed in existing and new conduit along Peoria Avenue from 67th Avenue east to 43rd Avenue that provides fiber optic communications to six signalized intersections and five closed circuit television cameras. The project includes the design of four dynamic message signs (DMS) on the major arterials that lead to the downtown area.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Design of FMS on I-17 from SR 101L to SR 74 Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> This 14-mile freeway management system project is located on Interstate 17 beginning at SR 101L and extends north to Anthem Way. Kimley-Horn provided design services and conducted environmental clearance in close coordination with ADOT. Services included environmental studies for biology and hazardous materials and the preparation of a Group II CE. Project is currently in the construction bid phase.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Drinkwater Boulevard Underpass Lighting Design Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn analyzed and provided cost estimates on three different lighting options, new light emitting diode (LED) lighting design, new lighting controls, and upgrades to the existing electrical room due to water damage for the Drinkwater Boulevard Underpass.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Gary Karaboulad, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Structural	c. YEARS EXPERIENCE	
		1. TOTAL 27	2. WITH CURRENT FIRM 9
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science/Civil Engineering Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Gary specializes in the design and construction of special highway structures, bridges, earth retaining structures, sound walls, and buildings. He has been involved in the design of more than 40 multi-span, AASHTO girder, cast-in-place, and post-tensioned box girder structures and has performed routine and in-depth inspections for more than 600 bridges for ADOT and local governments throughout Arizona.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn was selected to design much-needed additional general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Statewide On-Call Highway Bridge and Drainage Design Services 2011-2015, Statewide, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn has completed numerous tasks as part of this on-call since 2009, including project assessments and final design documents for bridge deck rehab, bridge deck replacement, and full superstructure replacement projects.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> US 191 Cold Creek Canyon Emergency Bridge Replacement Safford, AZ	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The north pier supporting the third and fourth spans of the Cold Creek Canyon Bridge experienced sudden failure, causing the third span to drop three inches. Kimley-Horn prepared scoping documents and completed the final design of the new roadway alignment and bridge.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Five Mile Draw Bridge, SR 77 Show Low, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Using ADOT Bridge On-Call contract, Kimley-Horn is replacing the Five Mile Draw Bridge along SR77, which had deteriorated and was too narrow for the current traffic volume. The new bridge is wider with a tapered roadway approach to accommodate the new width. Kimley-Horn is also responsible for erosion control. Construction was phased in order to avoid closing SR 77.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Limestone Wash Bridge Replacement on SR 87 at MP 323 Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Using ADOT Bridge On-Call contract, Kimley-Horn is replacing the Limestone Wash Bridge on SR 87, which had deteriorated and was too narrow for the current traffic volume. The new bridge is wider with a tapered roadway approach to accommodate the new width. Kimley-Horn is also responsible for roadway design, erosion control, and seeding the project area. Construction has been phased in order to avoid closing SR 87.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Russell L. Karr, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Roadways	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 15
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Russ has over 24 years of relevant experience in roadway design for local government widening and reconstruction improvements throughout Arizona, including 90 projects for ADOT. As Kimley-Horn's roadway design task leader, Russ guides our teams to provide designs that are efficient, comprehensive, and incorporate cost- and schedule-saving concepts.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L, El Mirage Road TI Final Design Tempe, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The SR 303L El Mirage Road traffic interchange (TI) design project required the total reconstruction of approximately 2.1 miles of existing roadway to provide two travel lanes in each direction, as well as the construction of the El Mirage Road TI, including the overpass bridges, ramps, and crossroad. Anticipated completion in July 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Rio Salado Multi-Use Path Tempe, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn provided design services for approximately 1,200 feet of 12-foot-wide shared-used path underneath the SR 202L at the SR 202L/SR 101L traffic interchange connecting Tempe and Mesa along the south bank of the Salt River. Currently in construction, the project will provide a non-motorized link along a regionally significant riparian corridor between Mesa Riverview and Tempe Marketplace.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 90, SR 92 To Giulio Cesare Avenue Sierra Vista, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager/Engineer.</i> This project comprises roadway lighting on both sides of SR 90, a pedestrian hybrid beacon, shared-use path on the south side of SR 90, and driveway and access reconstruction with culverts to accommodate the shared-use path. This project is currently in the design phase.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Cotton Lane to SR 303L Pavement Preservation Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer, QA/QC.</i> This MCDOT pavement preservation project consists of a pavement overlay and tapered mill and overlay on driveways and intersections. Totalling 32-lane-miles, this project impacts selected locations along Citrus Road, Cotton Lane, Sarival Avenue, Reems Road, and Glendale Avenue. This project is currently in the design phase.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> County Route 147, Hualapai Mountain Road Final Design Mohave County, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer, QA/QC.</i> Kimley-Horn conducted a preliminary assessment of erosion damage and developed alternatives for slope stabilization in the Hualapai Mountain Park. Roadway improvements consisted of saw cutting approximately 400 feet of the existing southbound edge of pavement and replacing with a new pavement structural section, as well as the installation of two 36-inch corrugated metal pipes under County Route 147 to alleviate roadway flooding issues. This project is currently in the design phase.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Kevin J. Kimm, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Structural	c. YEARS EXPERIENCE	
		1. TOTAL 15	2. WITH CURRENT FIRM 15
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ / Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Kevin specializes in parking planning and design and structural engineering with expertise ranging from parking deck location studies, parking deck functional design and review to parking deck final structural design, including construction administration on multiple parking deck projects. His design experience includes structures of reinforced concrete, precast/pre-stressed concrete, cast-in-place post-tensioned concrete and structural steel.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Peters & Nall Road Improvements Maricopa / Ak-Chin Tribal Land, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer (Structures).</i> The Ak-Chin Indian Community selected Kimley-Horn for this planning and final design project to reconstruct three miles of Peters & Nall Road. The scope of services comprises public outreach, development of final construction documents, final design, pavement and drainage analyses, environmental services, utility coordination, and right-of-way acquisition. This project is currently ongoing.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L, El Mirage Road TI Final Design Statewide, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Design Engineer (Structures).</i> The SR 303L El Mirage Road traffic interchange (TI) design project requires the total reconstruction of approximately 2.1 miles of existing roadway to provide two travel lanes in each direction, as well as the construction of the El Mirage Road TI, including the overpass bridges, ramps, and crossroad. Anticipated completion in July 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Design Engineer (Structures).</i> Kimley-Horn designed five miles of urban freeway widening including two, two-span cast-in-place post-tensioned concrete box girder bridges along SR 101L. Existing bridges were widened 15 feet to the east and 25 feet to the west. The widening utilized precast prestressed box beams with cast-in-place decks. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Pima County Julian Wash Linear Park Diversion Channel Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer (Structures).</i> Kimley-Horn prepared plans and supporting documents for a 3.5 mile section of the Julian Wash Linear Park. Design components included two pedestrian/bicycle bridge locations and special retaining wall design in various locations along the corridor. Section 404 of the Clean Water Act compliance was also provided, including preparation of the Preliminary Jurisdictional Delineation and minimization and avoidance of impacts to the waters of the U.S.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Bridge over Tonto Creek - Oak Creek DCR/EA/Design Tonto Basin, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn completed a design concept report and final design documents for a new bridge over Oak Creek in Tonto Basin, AZ. The project replaced a pipe culvert crossing that frequently flooded with a new two-span precast concrete girder bridge. Related tasks included roadway, drainage, traffic, landscape architecture design, and environmental clearance documentation, including a 404 permit.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME John C. Kissinger, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Traffic Operations	c. YEARS EXPERIENCE	
		1. TOTAL 29	2. WITH CURRENT FIRM 18
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, NV, CA, WI, KS / Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
John is a senior design engineer with 29 years of traffic and ITS engineering experience, including the planning, design, and operation of transportation facilities. His background includes traffic signal and signal system design, traffic operations, traffic signal timing, geometric analyses, signal warrant studies, signing and marking, lighting, and construction traffic control plans preparation.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Design of FMS on I-17 from SR 101L to SR 74 Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This 14-mile freeway management system project is located on Interstate 17 beginning at SR 101L and extends north to Anthem Way. Kimley-Horn provided design services and conducted environmental clearance in close coordination with ADOT. Services included environmental studies for biology and hazardous materials and the preparation of a Group II CE.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Freeway Management System Phase 3B Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Located on I-17, this six-mile FMS field equipment design and installation project begins at the Arizona Canal and extends north to SR 101L. The installation included conduit and fiber optic cables, node building upgrades, CCTV cameras, a ramp meter system, mainline detection including sawcut loops and non-intrusive detection, and four DMSs.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L, El Mirage Road TI Final Design Purpose Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The SR 303L El Mirage Road TI design project required the total reconstruction of approximately 2.1 miles of existing roadway to provide two travel lanes in each direction and the construction of the El Mirage Road TI, including the overpass bridges, ramps, and crossroad. Anticipated completion in July 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> 32nd Street Avenue A to Avenue B Yuma, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn prepared traffic signal plans, specifications, and estimates for four intersections for the City of Yuma. Major design elements included pedestrian crossings, ADA requirements, video detection, emergency vehicle preemption, and design services required to eliminate conflicts with overhead utilities, including potholing. This project is currently in the construction phase.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Super Bowl: SR 101L (Agua Fria Freeway), I-10 to I-17 Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> In preparation for the 2015 Super Bowl, this fast-tracked project comprised 22 miles of FMS improvements, including CCTV cameras, DMSs, and ramp meters for the entire length of the project. Kimley-Horn provided environmental services and obtained an approved CE (NEPA clearance) within in four months (standard ADOT timeline for clearance of this type is eight months).	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Jeffrey Kratzke, PLA	b. ROLE IN THIS CONTRACT Project Manager/Landscape Architecture	c. YEARS EXPERIENCE	
		1. TOTAL 31	2. WITH CURRENT FIRM 1
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Landscape Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, CA, NV, TX/Professional Landscape Architect	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
 Jeff has a diverse professional background in landscape architecture, land use planning, and urban design. His professional skills include master planning, feasibility studies, environmental assessments, urban revitalization planning and design, inventory and analysis, site planning, site design, recreation planning, design guidelines, native re-vegetation design, preparation of construction plans and specifications, and construction administration.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> San Carlos Apache Indian Tribe Veterans Cemetery San Carlos, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> This project comprised cemetery master planning, civil engineering, and landscape architecture design services to provide burial space and support facilities for eligible veterans and their dependents of the San Carlos Apache Tribe. The cemetery's design focused on respecting the culture and history of the Tribe's burial beliefs while adhering to the requirements of the National Cemetery Administration's Cemetery Grants Program.	<input type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Chandler Centennial Park Design/Construction Chandler, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager/Project Landscape Architect.</i> The scope of professional services provided for the development of this 13-acre neighborhood park included master planning; public involvement; final construction plans, specifications and cost estimates; and construction administration and observation. The park provides open recreational spaces, multi-use pathways, site lighting, basketball and sand volleyball courts, shade ramadas, and ADA-accessible children's playground areas.	<input type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Desert Sky Transit Center Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> Kimley-Horn designed the new Desert Sky Transit Center from the conceptual level through construction, including documentation, permitting, and bidding. When constructed, the new facility will have nine bus bays with covered waiting areas, a security building, restrooms, 70 covered parking spaces, six bus-staging spaces, and other rider amenities. This project is currently in the construction phase.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Arizona Canal Shared-Use Pathway, Chaparral Road to Indian Bend Road, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Principal/Landscape Architect.</i> Provided master planning and design services for the Arizona Canal Path from Chaparral Road to Indian Bend Wash. This two-mile, multi-use pathway completes the city's 14-mile paved portion of the Sun Circle Trail, a network of pathways along 68 miles of canal banks throughout Maricopa County, and connects into the city's 25-mile paved pathway system. The design team completed the master plan, project assessment and 30% plans, specifications, and cost estimates.	<input type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Casa Grande Recreation Center Site Feasibility Study, Casa Grande, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> The City of Casa Grande selected three potential sites for the construction of the city's first recreation center. A feasibility study was conducted to define the specific opportunities and constraints of each location. The team provided site inventory and analysis, developed initial programming goals with stakeholders, and performed site evaluations and infrastructure analysis for the sites. Evaluation criteria and categories were co-developed with the City Manager before presenting the findings of the feasibility study to the City Council.	<input type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME David J. Leistiko, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Structural	c. YEARS EXPERIENCE	
		1. TOTAL 29	2. WITH CURRENT FIRM 18
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science/Civil Engineering Bachelor of Arts/Business Management		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, NV, CA, NC, CO/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Dave serves as a project manager and structural design engineer on multidisciplinary infrastructure projects for public entities across the state. He specializes in the design of vehicular and pedestrian bridges and other various structures such as retaining walls, signs and lighting structures, shade pedestrian shelters, drainage structures, and building elements.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Sonoran Desert Drive, I-17 to North Valley Parkway Design-Build, Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> As part of the Hunter Contracting design-build team, Kimley-Horn designed a one-mile segment of a new six-lane arterial roadway, including a 600-foot-long bridge over Skunk Creek. The project also entailed on-site and off-site drainage improvements, environmental clearances, permits, FEMA CLOMR/LOMR approvals, and utility clearances.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Resolution Copper Mine: MARRCO Corridor Civil Engineering Study, Superior, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn performed pre-design reconnaissance, design and modeling, and plan production for a proposed underground copper mine and associated transportation corridor near Superior, AZ. Responsibilities included preparing a project objectives summary report and comparing the base case option with alternative methods for concentrate transportation.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Bridge over Tonto Creek - Oak Creek DCR/EA/Design Tonto Basin, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn completed a design concept report and final design documents for a new bridge over Oak Creek in Tonto Basin, AZ. The project replaced a pipe culvert crossing that frequently flooded with a new two-span precast concrete girder bridge. Related tasks included roadway, drainage, traffic, landscape architecture design, and environmental clearance documentation, including a 404 permit.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> US 60 Silver King and Superior Streets Superior, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This project extended the recently constructed four-lane divided rural highway from Queen Creek Wash to the Superior Airport. Kimley-Horn provided overall project management, roadway design, bridge design, and utility coordination for the Silver King section project limits.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> I-10, Ina Road Traffic Interchange Marana, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> This project will completely reconstruct the I-10/Ina Road TI to grade-separate Ina Road with the UPRR. Kimley-Horn is responsible for the design of the reconstruction of Ina Road and local streets, including the Ina Road bridges over I-10 and UPRR, pavement drainage, signage, and pavement marking. Anticipated completion in December 2015.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Robert E. Lyons, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Utilities	c. YEARS EXPERIENCE	
		1. TOTAL 17	2. WITH CURRENT FIRM 3
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Robert specializes in project management and engineering for preliminary and final design of water/wastewater infrastructure and roadway transportation projects. He has managed small- and large-scale civil design projects for municipalities across the state with a reputation for advancing projects from conception through final design and construction with minimal or no change orders.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Cherry Hills Water Line Replacement Peoria, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn provided fast-track design services to replace aging waterlines in a historic area in the City of Peoria. Services included preliminary and final design and development of several details related to tie-ins, fire hydrant connections, and water services.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Keams Canyon Waterline Relocation Keams Canyon, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn coordinated and prepared final design and construction documents to relocate an existing six-inch, 1,725-foot waterline along SR 264 and reconnect the existing six-inch suppression line and two-inch service waterline with the Trading Post. Fire hydrant and water meter relocations were also required.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Chandler Boulevard/Alma School Road Intersection Improvements , Chandler, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn is providing design capacity and aesthetic improvements at the Chandler Boulevard/Alma School Road intersection, including additional through-lanes, dual left turn lanes, right turn lanes, bus pullouts, queue jumpers, storm drain improvements, and landscaping. Construction anticipated to be completed in 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	McDowell Road Waterline Goodyear, AZ	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn designed approximately one mile of new waterline between Citrus Road and Cotton Lane to provide the necessary potable water for landscape irrigation for the I-10/SR303L TI. Through a master service agreement between the water company and the City of Goodyear, the waterline was designed and constructed by the city, but will be owned by the water company.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	EI Paso Natural Gas L2026 10,300-foot 6-inch Pipeline Pinal County, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This project included survey and engineering work associated with the installation of approximately two miles of six-inch EI Paso Natural Gas pipeline along the US 60 in Pinal County. Engineering work consisted of reviewing hydraulic reports and drawings prepared for ADOT, designing two horizontal directional drills and two road crossings, and identifying required road modifications due to proposed storm sewers.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Laurie S. Marin, P.E., CFM	b. ROLE IN THIS CONTRACT Project Manager/Water Resources	c. YEARS EXPERIENCE	
		1. TOTAL 19	2. WITH CURRENT FIRM 19

d. LOCATION *(City and State)* **Mesa, AZ**

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
Master of Science/Water Resources
Bachelor of Science/Civil Engineering

f. PROFESSIONAL TRAINING - REGISTRATIONS
AZ, CA, NV, CO/Professional Engineer
AZ/Certified Floodplain Manager

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

With 19 years of experience completing comprehensive drainage and flood control projects, Laurie specializes in hydrology/hydraulics modeling, bridge hydraulics and bridge scour, river mechanics, and drainage design. Laurie has worked on a number of significant master planning projects in recent years, including the San Tan West Area Drainage Master Study, Glendale Area Stormwater Management Plan, and numerous others.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> San Tan West Area Drainage Master Study Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn completed an area drainage master study with complex hydrologic and hydraulic modeling (FLO-2D), identified guidelines for future drainage improvements, and developed a flood hazard mitigation plan for the 34-square-mile San Tan West watershed southeast of Phoenix. The project required a significant public engagement component to ensure residents' concerns were addressed and to validate model results.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Pecos Road Channel and Basin Design Concept Report Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Development of a design concept report (DCR) for drainage improvements for a three-mile segment of Pecos Road from Ellsworth Road to the Meridian Road alignment and selected upstream areas. The DCR evaluated flooding issues and define a recommended drainage system to mitigate flooding issues within the corridor.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Cave Creek Dam Rehabilitation White Pine County, NV	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Rehabilitation assessment of the Cave Creek Dam to identify measures to mitigate serious dam structural integrity and safety issues that could lead to core failure if not addressed. Responsibilities include an incremental damage analysis, integrity analysis of the spillway, assessment of recommended shoreline improvements, preparation of a stormwater management plan for the reservoir area, alternatives analysis of risk improvement measures, and construction administrative services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Powerline, Vineyard Road, and Rittenhouse FRS Rehabilitation or Replacement Project (PVR), Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn conducted a detailed three-level alternatives formulation process and selected a recommended plan to rehabilitate and/or replace three earth embankment flood control dams experiencing cracking, settlement, and earth fissuring. The project included an environmental overview, evaluation of social and economic impacts, geotechnical and geo-hazard assessments, public engagement, and other tasks.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Sonoran Desert Drive, I-17 to North Valley Parkway Design-Build, Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Drainage Engineer.</i> As part of the Hunter Contracting design-build team, Kimley-Horn designed a one-mile segment of a new six-lane arterial roadway, including a 600-foot-long bridge over Skunk Creek. The project also entailed on-site and off-site drainage improvements, environmental clearances, permits, FEMA CLOMR/LOMR approvals, and utility clearances.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Dave Morris	b. ROLE IN THIS CONTRACT Project Manager and Construction Administrator	c. YEARS EXPERIENCE	
		1. TOTAL 44	2. WITH CURRENT FIRM 17

d. LOCATION *(City and State)* Phoenix, AZ

e. EDUCATION *(DEGREE AND SPECIALIZATION)*

f. PROFESSIONAL TRAINING - REGISTRATIONS

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

As a project manager, Dave's principal areas of focus include master planned site development and municipal infrastructure design, including roadways, utilities, waterlines, sanitary sewers, and utilities. He has also served as the Owner's Representative in a range of disciplines where his responsibilities have included budget and schedule adherence and design and construction administration.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Airport Pavement Management System (APMS) Statewide, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Team Member. Kimley-Horn provides pavement evaluation, design services, construction administration, and program management services for over 60 Arizona airports. Kimley-Horn is conducting site visits at each airport to verify pavement distress information provided through the ADOT's Statewide Pavement Management Program. Once this information has been verified or adjusted, Kimley-Horn is responsible for developing plans and specifications outlining the application of maintenance-type rehabilitation options. Anticipated completion in 2019.</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Elliot Homes, Granite Vista Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Team Member. Kimley-Horn was selected for the final engineering design of the onsite improvement plans for the Granite Vista Master Planned Community in Maricopa County. The first phase of the project consists of 388 lots with four parcels of various sizes totaling over 156 acres. The scope of work includes final paving; grading; and drainage, water, and wastewater plans. The project is in the initial design phase.</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Michael A. Norby, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Aviation	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 22
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering Bachelor of Science/Physics		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, TX, MI, TN / Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Mike is an expert in aviation services including complete phasing, runway design/extensions, taxiway and apron design, pavement section determination, and electrical and drainage coordination. He specializes in pavement management programs and implementation, conducting condition surveys and structural analysis of pavement alternatives, cost benefit analyses, and pavement-mix alternatives to address pavement or base failure issues.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> El Paso International Airport Runway 8L/26R, Taxiways U and V Reconstruction, El Paso, TX	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This project is reconstructing Runway 8L-26R and Taxiways U and V, installing a new full-length parallel taxiway, and four connecting taxiways with PCC pavements. It also includes the realignment of the runway with Runway 8R-26L, removal of pavements, over 600,000 yards of grading, installation and upgrades to several large retention ponds, SWPPP, pavement design, pavement life cycle cost analysis, lighting, signing, marking, on-call construction support, and one modification to standard. The project is currently under construction.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> San Antonio Airport Runway and Taxiway Improvements - Package 1 (12L/30R), San Antonio, TX	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This multi-phase project has included five years of planning and design work followed by six years of construction administration to rehabilitate or reconstruction multiple taxiways and runways. Package 1 is reconstructing Runway 12R/30L and Taxiway G and installing a new connecting taxiway to allow for greater aircraft movement. Construction completion anticipated in February 2015.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> San Antonio Airport Runway and Taxiway Improvements - Package 2 (Taxiway G Intersection), San Antonio, TX	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This multi-phase project has included five years of planning and design work followed by six years of construction administration to rehabilitate or reconstruction multiple taxiways and runways. Package 2 is reconstructing two Taxiway G intersections (Taxiways L and N) and widening the Terminal A ramp to provide for Group IV aircraft movement on the apron.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Dallas Love Field Airfield Pavement Evaluation Dallas, TX	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn is updating an existing airfield PMMS for all airside pavements. The project includes a thorough review of existing as-builts since the previous pavement management update, network definition update, pavement condition index surveys, non-destructive testing on the entire airfield, geotechnical investigations, GIS integration, integration of the pavement management system into the airport's work order system, and development of a five- and 10-year maintenance improvement plan. This project is currently ongoing.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Airport Pavement Management System (APMS) Statewide, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn provides pavement evaluation, design services, construction administration, and program management services for over 60 Arizona airports. Kimley-Horn is conducting site visits at each airport to verify pavement distress information provided through the ADOT's Statewide Pavement Management Program. Once this information has been verified or adjusted, Kimley-Horn is responsible for developing plans and specifications outlining the application of maintenance-type rehabilitation options. Anticipated completion in 2019.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Ahmad A. Omais, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Roadways	c. YEARS EXPERIENCE	
		1. TOTAL 30	2. WITH CURRENT FIRM 30
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering Master of Science/Physics		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Ahmad has completed hundreds of roadway design and corridor improvement projects for agencies across Arizona with experience working with contracts, specifications, and construction administration. His management and technical skills have facilitated the successful completion of over 300 ADOT projects and provided him with a thorough understanding of the state and federal agency requirements of the planning and design processes.			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L, El Mirage Road TI Final Design Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> The SR 303L El Mirage Road TI design project required the total reconstruction of approximately 2.1 miles of existing roadway to provide two travel lanes in each direction and the construction of the El Mirage Road TI, including the overpass bridges, ramps, and crossroad. Anticipated completion in July 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> I-8/Heness Road Traffic Interchange Casa Grande, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Principal-in-Charge.</i> Kimley-Horn serves as the design consultant for a new I-8/Heness Road TI. This project involves preparing a DCR, an Interstate Change of Access Report, and final design plans and requires close coordination with other ongoing ADOT studies and projects in the area. Due to the close proximity with the I-8/I-10 interchange, a detailed traffic analysis was completed to demonstrate that both interchanges will operate acceptably. Construction completion anticipated in 2018.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> MCDOT: MC 85, 107th Avenue to 75th Avenue Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn was responsible for this four-mile roadway and drainage improvement project along MC 85 (Buckeye Road) from 107th Avenue to 75th Street for the Maricopa County Department of Transportation and the City of Phoenix. The project includes preparing construction documents for the ultimate six-lane major arterial roadway as well as an interim five-lane section.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> US 60 (Grand Avenue), SR 101L to McDowell Road Phoenix, Glendale, and Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This 13-mile design project will upgrade the existing roadway to enhance aesthetics and pedestrian functionality and safety. Features include simplifying access to improve traffic flow, upgrades for ADA compliance, intersection improvements, signal modifications, landscaping, utility coordination and relocation, street lighting, drainage improvements, bus bay design, and right-of-way determination and coordination.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Adam C. Perillo, PLA	b. ROLE IN THIS CONTRACT Project Manager/Landscape Architecture	c. YEARS EXPERIENCE	
		1. TOTAL 18	2. WITH CURRENT FIRM 16
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Landscape Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, NV, NC, SC/Professional Landscape Architecture	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Adam is a landscape architect focused on planning and design including urban streetscape improvements; developing multimodal design solutions for pedestrians, bicycles, and vehicles; parks and trails; transit stations; and park-and-ride sites. Adam advances projects from conceptual planning and rezoning through permitting and construction administration.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Peters & Nall Road Improvements Maricopa / Ak-Chin Tribal Land, AZ		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> The Ak-Chin Indian Community selected Kimley-Horn for this planning and final design project to reconstruct three miles of Peters & Nall Road. The scope of services comprises public outreach, development of final construction documents, final design, pavement and drainage analyses, environmental services, utility coordination, and right-of-way acquisition. This project is currently ongoing.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design , Scottsdale, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> Design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Desert Sky Transit Center Design Services Phoenix, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn designed the new Desert Sky Transit Center from the conceptual level through construction, including documentation, permitting, and bidding. When constructed, the new facility will have nine bus bays with covered waiting areas, a security building, restrooms, 70 covered parking spaces, six bus-staging spaces, and other rider amenities. This project is currently in the construction phase.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	27th Avenue and Baseline Road Park-and-Ride Construction Administration , Phoenix, AZ	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn provided construction administration services for site civil, landscape, security, and structural components of the 27th Avenue and Baseline Road Park-and-Ride. Project tasks included organizing weekly meetings, tracking action items, and responding to RFIs, pay requests, project change orders, and submittals.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	ADOT SR 303L Landscape (Glendale Avenue to Peoria Avenue) , Surprise and Glendale, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Landscape Architect.</i> Kimley-Horn was selected to provide landscape architectural services for approximately three miles of SR 303L from Glendale Avenue to Peoria Avenue, including the Northern Parkway T.I. Kimley-Horn prepared a Visual Prioritization Report for the project area that was utilized in conjunction with input from ADOT, the City of Glendale, and the City of Surprise to develop planting, inert material, irrigation, and aesthetic plans.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Karthik Ramanathan, P.E.	b. ROLE IN THIS CONTRACT Project Engineer/Structural	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 9
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science/Structural Engineering Bachelor of Technology/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, NV, CA, TX/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Karthik has over 16 years of experience in structural engineering and construction administration on a variety of public sector projects. His expertise ranges from preparing preliminary project assessment documents and bridge selection reports to bridge/retaining wall construction plans, quantities, estimates and specifications, as well as managing post-design and construction activities.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L, El Mirage Road TI Final Design Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The SR 303L El Mirage Road TI design project required the total reconstruction of approximately 2.1 miles of existing roadway to provide two travel lanes in each direction and the construction of the El Mirage Road TI, including the overpass bridges, ramps, and crossroad. Anticipated completion in July 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> 27th Avenue and Baseline Road Park-and-Ride Construction Administration, Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn provided construction administration services for site civil, landscape, security, and structural components of the 27th Avenue and Baseline Road Park-and-Ride. Project tasks included organizing weekly meetings, tracking action items, and responding to RFIs, pay requests, project change orders, and submittals.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Bridge over Tonto Creek - Oak Creek DCR/EA/Design Tonto Basin, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Kimley-Horn completed a design concept report and final design documents for a new bridge over Oak Creek in Tonto Basin, AZ. The project replaced a pipe culvert crossing that frequently flooded with a new two-span precast concrete girder bridge. Related tasks included roadway, drainage, traffic, landscape architecture design, and environmental clearance documentation, including a 404 permit. Anticipated completion in February 2015.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> I-8/Heness Road Traffic Interchange (TI) Casa Grande, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn serves as the design consultant for a new I-8/Heness Road TI. This project involves preparing a DCR, an Interstate Change of Access Report, and final design plans and requires close coordination with other ongoing ADOT studies and projects in the area. Due to the close proximity with the I-8/I-10 interchange, a detailed traffic analysis was completed to demonstrate that both interchanges will operate acceptably. Construction completion anticipated in 2018.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Steven H. Reeder, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Aviation	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 18
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering with a Construction Emphasis		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, CA/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Steve's airport design experience including aprons, runways, taxiways, pavement analysis and design, drainage, and lighting with particular expertise in security, grading, drainage, geometrics, pavement design, construction documents, and specifications for runways/taxiways/aprons. He specializes in developing construction phasing plans with modeling of aircraft movements.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Airport Pavement Management System (APMS) Statewide, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn provides pavement evaluation, design services, construction administration, and program management services for over 60 Arizona airports. Kimley-Horn is conducting site visits at each airport to verify pavement distress information provided through the ADOT's Statewide Pavement Management Program. Once this information has been verified or adjusted, Kimley-Horn is responsible for developing plans and specifications outlining the application of maintenance-type rehabilitation options. Anticipated completion in 2019.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Phoenix-Mesa Gateway Airport Runway 30L Reconstruction Mesa, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn provided design services to reconstruct approximately 3,000 linear feet of threshold of Runway 30L at Phoenix-Mesa Gateway Airport due to significant pavement deterioration from excessive aircraft loading and age. A temporary asphalt overlay design was developed to allow for continuous operations on the runway during the design period. The design included phasing, grading, drainage, pavement design, geometrics, and marking. This project is currently under construction.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Sky Harbor West Hold Bay Phase II Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn provided administrative, pre-design, design, and preconstruction/coordination services for a Group V apron. The scope included pavement design; geotechnical investigation; survey; identification of locations of existing utilities; subsurface investigations; pre-design evaluations; pavement evaluation and design; drainage; area lighting; relocation of FAA items; installation of blast fencing; development of construction phasing plans; and drawings, specifications, and bid documents for a single base bid package with alternates.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Phoenix Deer Valley: Acute Angled Exit Taxiways Glendale, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn is providing consulting and engineering services for the construction of acute angle connectors between Runway 7L/25R and relocated Taxiway A. Engineering responsibilities include geometrics development and review, a drainage analysis memorandum, and quality control, Construction responsibilities include the development of a construction management plan and submittal review.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> El Paso International Airport Runway 8L/26R, Taxiways U and V Reconstruction, El Paso, TX	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The reconstruction of Runway 8L-26R and Taxiways U and V included the installation of a new full-length parallel taxiway and four connecting taxiways with PCC pavements. It also included the realignment of the runway with Runway 8R-26L, removal of pavements, over 600,000 yards of grading, installation and upgrades to several large retention ponds, stormwater and pollution prevention plan, pavement design, pavement life cycle cost analysis, lighting, signing, marking, on-call construction support, and one modification to standard.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Zachary R. Schmidt, P.E., CFM	b. ROLE IN THIS CONTRACT Project Engineer/Water Resources	c. YEARS EXPERIENCE	
		1. TOTAL 9	2. WITH CURRENT FIRM 8
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer Certified Floodplain Manager	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Zach specializes in the planning and design of major drainage infrastructure improvement projects with experience in roadway drainage systems. He is proficient in the preparation of construction documents for flood control related projects, floodplain revisions according to FEMA regulations, and software programs including MicroStation, AutoCAD, ArcGIS, and other hydrologic and hydraulic software programs.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Saguaro Boulevard Improvements Fountain Hills, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Drainage Engineer.</i> Kimley-Horn was selected to design the full-depth pavement reconstruction of the existing 3.5-mile roadway profile from Trevino Drive to Fountain Hills Boulevard. Additional work includes replacement of existing extruded curb, drainage improvements, median modifications, traffic signal replacement, and a project website.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Bow and Arrow Wash Drainage Improvements Analysis Flagstaff, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn completed a detailed alternatives analysis to determine the most appropriate solution to alleviate flooding issues in a residential neighborhood, including preliminary hydraulic analyses and opinions of probable costs (OPCs). The recommended alternative is a dual arch-pipe system within an existing drainage easement to maximize the capacity of the proposed system.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Sonoran Desert Drive, I-17 to North Valley Parkway Design-Build, Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Drainage Engineer.</i> As part of the Hunter Contracting design-build team, Kimley-Horn designed a one-mile segment of a new six-lane arterial roadway, including a 600-foot-long bridge over Skunk Creek. The project also entailed on-site and off-site drainage improvements, environmental clearances, permits, FEMA CLOMR/LOMR approvals, and utility clearances.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Rittenhouse Road from Sossaman Road to Ellsworth Loop Road, Queen Creek, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Drainage Engineer.</i> Design services for the widening of Rittenhouse Road from the existing two-lane rural to a five-lane urban roadway, Tasks include ADA compliance, catch and retention basin improvements, a new traffic signal, 2,000 feet of new waterline, 3,500 feet of new sewer pipeline, right-of-way/easement acquisition, and utility coordination.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> MCDOT: MC 85, 107th Avenue to 75th Avenue Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Drainage Engineer.</i> Kimley-Horn was responsible for this four-mile roadway and drainage improvement project along MC 85 (Buckeye Road) from 107th Avenue to 75th Street for the Maricopa County Department of Transportation and the City of Phoenix. The project includes preparing construction documents for the ultimate six-lane major arterial roadway as well as an interim five-lane section.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Peter M. Syntax, P.E., LEED AP	b. ROLE IN THIS CONTRACT Project Manager / Electrical	c. YEARS EXPERIENCE	
		1. TOTAL 14	2. WITH CURRENT FIRM 3
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Marine Engineering Systems		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, CO, FL, CA/Professional Engineer LEED Accredited Professional	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
 Peter is an electrical engineer with experience performing feasibility studies and assessments; project designs, scheduling, and estimation; field inspections; construction administration and submittal review; overseeing engineers, designers, and drafters; and LEED design and documentation. His highly diverse experience includes airport, educational, administrative, institutional, fire station, museum, recreational, mixed-use, retail, and hotel facilities.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Maricopa County Downtown Courts Electrical Upgrades Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Project Manager.</i> Electrical site assessment, evaluation, and design of six buildings with an electrical system comprised of 15 kV network feeding 480V distribution through each building. There are 12 main distribution boards, 200 panels, and 100 transformers. The design included site assessment of the existing conditions, infrared scanning of equipment, 72-hour load studies, and construction documents to upgrade the existing system.		
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Phoenix Sky Harbor International Airport PHX Sky Train Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Project Engineer.</i> Civil designer for the \$1.6 billion Phoenix Sky Harbor International Airport Sky Train project. Scope includes the preparation of alignments and plan/profile geometrics for the train guideway, planning and simulation modeling, on-grade guideway structures, roadway design, urban freeway re-design of SR 143, traffic control and traffic signals, parking/revenue control systems, grading, drainage, structural design of a roadway tunnel/undercrossing and cast-in-place retaining walls, and general aviation consultation.		
3.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Scottsdale On-Call Electrical Engineering Services Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Electrical Engineer.</i> Kimley-Horn provides electrical engineering services for various projects, including street lighting, building lighting, electrical equipment replacement and upgrades, power analysis, and alternative energy studies and design services. Design services also include construction documents, cost estimates, specifications, and construction administration. On-call contract valid thru December 2015 with options to extend at the City's discretion.		
4.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Electrical Engineer.</i> Design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.		
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Pima County RWRD Security Improvement Projects: Green Valley Generator Upgrades, Tucson, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Electrical Engineer.</i> Kimley-Horn developed plans, specifications, and estimates, and construction documents for the Pima County Regional Wastewater Reclamation Department's Green Valley site. Improvements included site surveillance cameras and video management system, intercom system, emergency vehicle access provisions, and all the associated communications and power distribution support infrastructure. This project is currently under construction.		



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Jennifer C. Tremayne, REP	b. ROLE IN THIS CONTRACT Environmental Scientist	c. YEARS EXPERIENCE	
		1. TOTAL 14	2. WITH CURRENT FIRM 14

d. LOCATION *(City and State)* Phoenix, AZ

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
Master of Science/Environmental Resource Management
Bachelor of Science/Environmental Science

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Environmental Professional
HAZWOPER Certification

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Jennifer manages environmental regulatory compliance issues specializing in preparing biological documentation; Section 404 permitting with experience preparing jurisdictional delineations, individual and nationwide permits applications, and mitigation plans; and NEPA documentation. Jennifer also has extensive experience conducting Preliminary Initial Site Assessments and Phase I/II Environmental Site Assessments.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 303L, El Mirage Road TI Final Design Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Environmental Scientist.</i> The SR 303L El Mirage Road TI design project required the total reconstruction of approximately 2.1 miles of existing roadway to provide two travel lanes in each direction and the construction of the El Mirage Road TI, including the overpass bridges, ramps, and crossroad. Anticipated completion in July 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Environmental Scientist.</i> Kimley-Horn provided design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. Scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Phoenix Regional ITS Fiber Optic Backbone Phase B Design (Segments 2 and 3), Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Environmental Scientist.</i> Kimley-Horn designed 84 miles of Phoenix communication backbone in two phases to complete the fiber backbone loop around the city. Tasks include a design concept report; environmental documentation; and plans, specifications, and cost estimates.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Buckeye, Skyline Regional Park Buckeye, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Environmental Scientist.</i> Responsible for design of the phase 1 improvements defined in the Skyline Regional Park Master Plan. Environmental services included Section 404 non-notify nationwide permit number 14 documentation, cultural resources survey, and a native plant survey.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Glendale Alley Improvements Glendale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Environmental Scientist.</i> Reconstruction and beautification of a 20-foot-wide corridor with an approximately 400 feet of alleyway connecting Glendale Avenue and Glenn Drive between 57th Avenue and 57th Drive. Environmental services include the preparation of the required Group II Programmatic CE Checklist and Clearance Memorandum.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Nathan C. Walnum, P.E.	b. ROLE IN THIS CONTRACT Project Engineer/Aviation	c. YEARS EXPERIENCE	
		1. TOTAL 19	2. WITH CURRENT FIRM 15
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, UT, FL/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Nate has 19 years of engineering experience for various airports, roadway planning and design, and municipal projects. Design experience includes preparing plans for runway, taxiway, and apron construction and reconstruction projects. Nate has experience in pavement evaluations, condition surveys, and pavement management of airfield projects. In addition, he has provided field engineering and construction administration.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	ADOT Airport Pavement Management System (APMS) Statewide, AZ		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn provides pavement evaluation, design services, construction administration, and program management services for over 60 Arizona airports. Kimley-Horn is conducting site visits at each airport to verify pavement distress information provided through the ADOT's Statewide Pavement Management Program. Once this information has been verified or adjusted, Kimley-Horn is responsible for developing plans and specifications outlining the application of maintenance-type rehabilitation options. Anticipated completion in 2019.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	El Paso International Airport Runway 8L/26R, Taxiways U and V Reconstruction, El Paso, TX	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The reconstruction of Runway 8L-26R and Taxiways U and V included the installation of a new full-length parallel taxiway, and four connecting taxiways with PCC pavements. It also included the realignment of the runway with Runway 8R-26L, removal of pavements, over 600,000 yards of grading, installation and upgrades to several large retention ponds, stormwater and pollution prevention plan, pavement design, pavement life cycle cost analysis, lighting, signing, marking, on-call construction support, and one modification to standard.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Phoenix Sky Harbor Triturator Design Phoenix, AZ	2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Design of a new triturator (grinder pump) facility at Phoenix Sky Harbor International Airport required for aircraft sewage disposal. Responsibilities included planning, design, and construction phase services for the new facility, as well as the integration of the electrical and communications design with the existing airport system.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	San Antonio International Airport, Runway & Taxiway Improvements (Rwy 12L/30R), San Antonio, TX		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn is currently providing planning and engineering services for the runway and taxiway improvements at ASan Antonio International Airport. This five-year program includes reconstructing and rehabilitating multiple taxiways and portions of Runway 12R/30L, development of new taxiways, demolition and relocation of Taxiways E and N, development of an Advanced Surface Movement Guidance & Control System plan, and other engineering and planning support services. Services to be provided through 2018.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Phoenix Sky Harbor International Airport PHX Sky Train Phoenix, AZ	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Civil designer for the \$1.6 billion Phoenix Sky Harbor International Airport Sky Train project. Scope includes the preparation of alignments and plan/profile geometrics for the train guideway, planning and simulation modeling, on-grade guideway structures, roadway design, urban freeway re-design of SR 143, traffic control and traffic signals, parking/revenue control systems, grading, drainage, structural design of a roadway tunnel/undercrossing and cast-in-place retaining walls, and general aviation consultation.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Christopher C. Woolery, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Roadways	c. YEARS EXPERIENCE	
		1. TOTAL 21	2. WITH CURRENT FIRM 3
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Chris has 21 years of experience in project management, engineering design, and construction administration. Responsibilities have included preparing final design plans, specifications, and cost estimates; roadway/ADA design; grading and drainage; water and sewer design; coordinating utility conflict identification and relocation; preparing DCRs and project assessments, and coordinating with city, county, and state agencies.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Peters & Nall Road Improvements Maricopa / Ak-Chin Tribal Land, AZ	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> The Ak-Chin Indian Community selected Kimley-Horn for this planning and final design project to reconstruct three miles of Peters & Nall Road. The scope of services comprises public outreach, development of final construction documents, final design, pavement and drainage analyses, environmental services, utility coordination, and right-of-way acquisition. This project is currently ongoing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Chandler Boulevard/Alma School Road Intersection Improvements, Chandler, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn is preparing plans to widen the Alma School Road/Chandler Boulevard intersection to six through lanes with dedicated right-turn lanes and dual left-turn lanes on all four approaches. The design incorporates drainage, pavement, sidewalk, curb and gutter, traffic signal, pavement marking, landscaping, and street light improvements, along with utility coordination/relocation and stakeholder coordination regarding potential right-of-way acquisitions and access management changes. Anticipated construction completion in 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Saguaro Boulevard Improvements Fountain Hills, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn was selected to design the full-depth pavement reconstruction of the existing 3.5-mile roadway profile from Trevino Drive to Fountain Hills Boulevard. Additional work includes replacement of existing extruded curb, drainage improvements, median modifications, traffic signal replacement, and a project website.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Rittenhouse Road from Sossaman Road to Ellsworth Loop Road, Queen Creek, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Kimley-Horn is providing design services for the widening of Rittenhouse Road from the existing two-lane rural to a five-lane urban roadway. Tasks include ADA compliance, catch and retention basin improvements, a new traffic signal, 2,000 feet of new waterline, 3,500 feet of new sewer pipeline, right-of-way/easement acquisition, and utility coordination.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> 56th Street from Deer Valley Road to Pinnacle Peak Road Phoenix, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This 1.5-mile roadway and drainage improvement project designed 56th Street from Deer Valley Road to Pinnacle Peak Road for the City of Phoenix. Responsibilities included design of new storm drain systems and reinforced concrete box culverts; private utility coordination; coordination of adjacent developer improvements; ASLD coordination; new street lighting; determination of right-of-way and easement acquisition needs; geotechnical and pavement design; and public involvement.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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Phoenix, Arizona 85007**

4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Charles R. Wright, P.E.	b. ROLE IN THIS CONTRACT Project Manager/Traffic Studies	c. YEARS EXPERIENCE	
		1. TOTAL 34	2. WITH CURRENT FIRM 21
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science/Civil Engineering Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ, CA/Professional Engineer CA / Professional Traffic Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Chuck specialized in traffic engineering, transportation planning, and roadway design for private and public land development projects. His background includes commercial and residential developments with experience in traffic impact studies, traffic engineering and signalization projects, and roadway signing, striping, and traffic control plan preparation. He has conducted more than 500 intersection capacity analyses and 100 traffic impact studies.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	USAA Phoenix Norterra Campus NTE Phoenix, AZ		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> In this phase of Kimley-Horn's ongoing relationship with the USAA Phoenix Norterra campus, transportation engineers performed a traffic impact analysis for a major employment-center campus, including roundabout and traffic interchange capacity analysis; traffic signal warrant and progression analysis; master street plan preparation; coordination with ADOT freeway improvements; and sensitivity analyses to support programmed phasing of new infrastructure.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	16th Street and 4th Avenue Redevelopment Yuma, AZ	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The City of Yuma selected Kimley-Horn to evaluate existing and future traffic conditions along multiple corridors representing some of the most congested roadways in Yuma. Relevant tasks include projecting future volumes and traffic conditions and determining future levels of service and appropriate improvements to mitigate traffic impacts of future developments. Construction completion anticipated in June 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design , Scottsdale, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn provided design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	4th Street and Route 66 Traffic Impact Analysis Flagstaff, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn was retained to prepare a traffic impact analysis for the retail site proposed for the corner of 4th Street and Route 66 in Flagstaff, AZ for submittal to ADOT. The scope of services included data collection, trip generation determination, estimation of future traffic conditions, and a traffic impact analysis.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	I-8/Henness Road Traffic Interchange Casa Grande, AZ	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Kimley-Horn serves as the design consultant for a new I-8/Henness Road TI. This project involves preparing a DCR, an Interstate Change of Access Report, and final design plans and requires close coordination with other ongoing ADOT studies and projects in the area. Due to the close proximity with the I-8/I-10 interchange, a detailed traffic analysis was completed to demonstrate that both interchanges will operate acceptably. Construction completion anticipated in 2018.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME Sean Wozny, P.E., PLA, LEED AP BD+C	b. ROLE IN THIS CONTRACT Project Manager/Landscape Architecture	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 1
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Registered Professional Engineer in Arizona LEED Accredited Professional (LEED AP BD+C)	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Sean has a diverse background in civil engineering design, landscape architecture, and construction observation specializing in site development projects for public sector clients throughout Arizona. His skills include drainage analysis, water, wastewater, and stormwater design, as well as grading and paving design. He is an active member of industry with experience working with educational facilities, municipal clients, and ADOT.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Washington Elementary School District No. 6: Paving & Site Improvement Projects, Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Lead Civil Engineer.</i> Kimley-Horn is providing civil engineering, landscape architecture, and survey services to three schools in the Washington Elementary School District. The project will improve vehicular and student circulation, ADA compliance, and traffic congestion along adjacent City of Phoenix streets. A key improvement will include the separation of the parent and bus drop-off locations.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Arizona Canal Shared-Use Pathway, Chaparral Road to Indian Bend Road, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Provided master planning and design services for the Arizona Canal Path from Chaparral Road to Indian Bend Wash. This two-mile, multi-use pathway completes the city's 14-mile paved portion of the Sun Circle Trail, a network of pathways along 68 miles of canal banks throughout Maricopa County, and connects into the city's 25-mile paved pathway system. The design team completed the master plan, project assessment and 30% plans, specifications, and cost estimates.	<input type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> San Carlos Apache Indian Tribe Veterans Cemetery San Carlos, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> This project comprised cemetery master planning, civil engineering, and landscape architecture design services to provide burial space and support facilities for eligible veterans and their dependents of the San Carlos Apache Tribe. The cemetery's design focused on respecting the culture and history of the Tribe's burial beliefs while adhering to the requirements of the National Cemetery Administration's Cemetery Grants Program.	<input type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Chandler Centennial Park Design/Construction Chandler, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager/Project Landscape Architect.</i> The scope of professional services provided for the development of this 13-acre neighborhood park included master planning; public involvement; final construction plans, specifications and cost estimates; and construction administration and observation. The park provides open recreational spaces, multi-use pathways, site lighting, basketball and sand volleyball courts, shade ramadas, and ADA-accessible children's playground areas.	<input type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Casa Grande Recreation Center Site Feasibility Study, Casa Grande, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> The City of Casa Grande selected three potential sites for the construction of the city's first recreation center. A feasibility study was conducted to define the specific opportunities and constraints of each location. The team provided site inventory and analysis, developed initial programming goals with key stakeholders, and performed site evaluations and infrastructure analysis for these three sites. Evaluation criteria and categories were co-developed with the City Manager before presenting the findings of the feasibility study to the City Council.	<input type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME Ray P. Yparraguirre, P.E., PTOE	b. ROLE IN THIS CONTRACT Project Manager/Traffic Studies	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 16
d. LOCATION <i>(City and State)</i> Phoenix, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science/Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ/Professional Engineer Professional Traffic Operations Engineer	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
With over 20 years of traffic/transportation engineering and ITS experience, Ray specializes in traffic management, ITS design, construction phasing, traffic control, and marking and signing. His experience includes safety assessments/evaluations, ADA accessibility, traffic signal and signal system design, traffic operations, geometric analyses, lighting, construction phasing, constructibility reviews, utilities, right-of-way, and quantity and cost estimates.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> University Drive Street Enhancements, Priest to UPRR Tempe, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> The City of Tempe University Drive Street Enhancements project improved the multimodal qualities of the street by providing improved access for all users, accommodating ADA needs, creating a safer refuge for pedestrians, and improving bicycle and pedestrian facilities and safety.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SR 101L (Chaparral Road to SR 202L) General Purpose Lanes Design, Scottsdale, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> Design services to add general purpose lane capacity on the Pima Freeway (SR 101L) between Chaparral Road and SR 202L. The project scope included roadway design, drainage design, traffic control, lighting, traffic design, survey, geotechnical engineering, structural engineering, environmental engineering, landscape architecture, aesthetics, erosion control, utilities, and public involvement support. Anticipated construction completion in December 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Safford Main Street Traffic Signal Replacement Safford, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> Completed on a fast-tracked schedule, Kimley-Horn designed new traffic signals and provided the required environmental clearances for the City of Safford.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> 16th Street and 4th Avenue Redevelopment Yuma, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Manager.</i> The City of Yuma selected Kimley-Horn to evaluate existing and future traffic conditions along multiple corridors representing some of the most congested roadways in Yuma. Relevant tasks include projecting future volumes and traffic conditions and determining future levels of service and appropriate improvements to mitigate traffic impacts of future developments. Construction completion anticipated in June 2016.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> US 60 (Grand Avenue), SR 101L to McDowell Road Phoenix, Glendale, and Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Project Engineer.</i> This 13-mile-long project will upgrade the existing roadway to enhance aesthetics and pedestrian functionality and safety. Design features include simplifying access to improve traffic flow, upgrades for ADA compliance, intersection improvements, signal modifications, landscaping, utility coordination and relocation, street lighting, drainage improvements, bus bay design, and right-of-way determination and coordination.	<input checked="" type="checkbox"/>	Check if project performed with current firm