

September 5th, 2024

Arizona Department of Transportation
Engineering Consultants Section
205 South 17th Avenue, Mail Drop 616E
Phoenix, Arizona 85007

RE: Statement of Qualifications for Temporary Part-Time Project Delivery Manager(s) | ADOT Supplemental Services Contract No. 2025-003

Dear Selection Panel Members:

Over the next four fiscal years, the Arizona Department of Transportation's (ADOT) robust program includes over \$8 billion in funding, but does not include projects anticipated under Proposition 479. Once Proposition 479 passes, an additional workload for ADOT's Project Management Group (PMG) will be created, further growing the need for Temporary Part-Time Project Delivery Managers (PDM). TYLin is very interested in being selected for this contract as a prime consultant. In preparation of meeting ADOT's needs and as a firm who is intimately familiar with ADOT staff, processes, and procedures, TYLin has built our team of qualified PDMs to successfully supplement the ADOT PMG.

TYLIN'S QUALIFICATIONS INCLUDE:

» **SUCCESSFUL ADOT PROJECT DELIVERY HISTORY:** Since 1988, TYLin has provided design and construction support on hundreds of task orders through on-call contracts (including the current Project Development On-Call and Temporary Technical Engineering Personnel Services), design-bid-build, and design-build projects. Our proposed staff members have been involved in management and/or design of our most notable design-builds including:

- SR 101L/Maryland Avenue Traffic Interchange (Madhu Reddy)
- US 60/Bell Road Traffic Interchange (Madhu Reddy, Josiah Roberts, Allison Sadow)
- SR 101L, I-17 to Pima Road (Josiah Roberts, Madhu Reddy, Brenan Poe, Allison Sadow)
- I-10, Broadway Curve (Josiah Roberts, Madhu Reddy, Vanja Mrzljak, Brenan Poe, Alex Gonzalez)
- I-17, Anthem Way to Sunset Point (Chad Andrews, Vanja Mrzljak, Brenan Poe, Alex Gonzalez, Allison Sadow)

» **QUALIFIED PROFESSIONAL ENGINEERS:** Our PDMs were hand-picked to support PMG with ADOT's five-year program. This program is the largest that ADOT has had in recent years, and with the addition of projects anticipated under the passing of Proposition 479, qualified consultant PDMs are necessary to supplement ADOT PMG. Each of our proposed PDMs have project management experience for similar types of projects expected to be managed by consultant PDMs.

» **PROJECT DELIVERY PROCESS:** Our team understands ADOT project development process and quarterly project delivery goal (20-30-30-20). Our PDMs will strive to meet the goal through commitment, proactiveness, interpersonal skills, communication, multi-tasking, follow-through, and stakeholder, scope, budget, and schedule management.

» **SIMILAR EXPERIENCE:** Our Contract Manager, Madhu Reddy, PE, DBIA, has over 22 years of ADOT project management experience. Prior to joining TYLin, he worked for ADOT Central District in various roles responsible for the delivery of complex highway construction projects throughout the Phoenix area. Each of our PDMs have ADOT project management experience, either through working directly for ADOT, serving as a Supplemental Project Manager, or working as a Project Manager on ADOT projects. Their project management experience extends to locally and federally funded projects for various local agencies in Arizona. **We understand the ADOT Project Development Process and are familiar with local agency and other industry standards, specifications, and processes to efficiently manage projects from scoping through successful completion.**

Each of our key personnel identified in our proposal is available and committed to the extent necessary to meet ADOT's quality and schedule expectations. Our Project (Contract) Manager, Madhu Reddy, PE, DBIA, will offer ADOT qualified PDMs readily available to support your needs. TYLin is not a certified Disadvantaged Business Enterprise (DBE).

We look forward to continuing our great relationship with ADOT and providing temporary part-time PDMs on your upcoming projects. If additional information is needed, please do not hesitate to contact Madhu Reddy at 602.768.4412 or madhu.reddy@tylin.com.

Sincerely,

TYLin



Madhu Reddy, PE, DBIA (AZ PE #41936)
Project (Contract) Manager



James Barr, PE (AZ PE #43112)
Principal-in-Charge | Vice President
(Authorized SOQ Signer indicated in current prequalification application)

TYLin

1475 N. Scottsdale Road, Suite 450 | Scottsdale, Arizona 85257 | T 480.968.8814 | www.tylin.com | An Affirmative Action / Equal Opportunity Employer M/F/D/V



Engineering Consultants Section SOQ Proposal Certifications Form – SUPPLEMENTAL SERVICE

Contract Number: 2025-003

Consultant Name: T.Y. Lin International

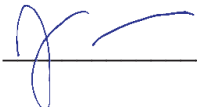
Please read the nine (9) statements below. The statements are to ensure Consultants are aware and in agreement with Federal, State and ECS guidelines related to the award of this contract. Consultants shall submit the specific Certification form attached to each SOQ advertised, as revisions to the form may occur from time to time. Failure to sign and submit the certification form specified in this SOQ with the SOQ proposal shall result in the SOQ proposal being rejected.

The signature below and submission of the SOQ by the Consultant certifies that to the best of its knowledge:

1.	The Consultant has not engaged in collusion with respect to the contract under consideration.
2.	The Consultant and/or its principals have not been suspended or debarred from doing business with any government entity.
3.	The Consultant and/or Supplemental Service individual proposed have the proper and current Arizona license(s) and registration(s) for services to be performed under this contract.
4.	The Consultant's signature on any SOQ proposal or contract constitutes an authorization to ADOT to ascertain the eligibility of the firm and its principals to enter into contract with the ADOT and with any other governmental agency.
5.	The Supplemental Service individual submitted is employed by the Consultant on the date of submittal.
6.	All information and statements written in the proposal are true and accurate and that ADOT reserves the right to investigate, as deemed appropriate, to verify information contained in proposals.
7.	The Supplemental Service individual submitted by the Consultant that is a former ADOT employee did not have or provide information that gives the Consultant a competitive advantage; and either (1) concluded their employment with ADOT at least 12 months before the SOQ due date or (2) have not made any material decisions about this project while employed by ADOT.
8.	No Federally appropriated funds have been paid or shall be paid, by or on behalf of the Consultant for the purpose of lobbying.
9.	If selected, the Consultant is committed to satisfactorily carry out the Consultant's commitments as detailed in the contract and its SOQ proposal.

I hereby certify that I have read and agree to adhere to the nine (9) statements above and/or that the statements are true to the best of my knowledge as a condition of award of this contract (must be signed by a Principal or Officer of the Consultant).

Print Name: James Barr, PE Title: Vice President | Principal-in-Charge

Signature:  Date: September 5, 2024

Engineering Consultants Section

ADOT Project Involvement Disclosure Statement – SUPPLEMENTAL SERVICE

Supplemental Service personnel proposed in an SOQ must disclose on this form **ALL** work he/she is currently performing (or anticipate performing) under any contractual agreements (listed in a submitted SOQ, in negotiations and/or executed contracts) with ADOT. This disclosure includes contracts awarded and/or executed through the Engineering Consultants Section, Procurement Group, Multi-Modal Planning Division or other ADOT Groups or Divisions.

THIS FORM MUST BE COMPLETED AND SIGNED FOR ALL SUPPLEMENTAL SERVICES CONTRACTS EVEN IF NO WORK IS CURRENTLY BEING PERFORMED, OR IS ANTICIPATED TO BE PERFORMED, BY THE PROPOSED SUPPLEMENTAL SERVICES PERSONELL ON OTHER ADOT CONTRACTS. This form **shall** be submitted or the SOQ shall be rejected.

Consultant Name: T.Y. Lin International **Contract Number:** 2025-003

Proposed Supplemental Service Personnel Name: Madhu Reddy, PE, DBIA

% of time available to work on the proposed contract: 20%

No.	ADOT Section	Contract or Agreement Number	Detailed Description of Proposed Supplemental Service Personnel's Role in Project	Average Number of Hours per Week Working on Project	Anticipated Completion Date of Work
1.	ECS	2022-014.13	On-Call Temporary Technical Engineering Personnel for Construction Administration Projects	4	01/2026
2.	Major Projects	F007201C	I-10, I-17 (Split) to SR 202L (Santan) Design Build	8	05/2025
3.					
4.					
5.					
6.					
7.					
8.					
9.					

(Add additional sheets, as needed)

I hereby certify the above to be true to the best of my knowledge (must be signed by Proposed Supplemental Services Personnel and a Principal or Officer of the firm).

Madhu Reddy, PE, DBIA
Proposed Supplemental Service Name


Signature

September 5, 2024
Date

James Barr, PE
Principal or Officer of Firm Name


Signature

September 5, 2024
Date

**ARIZONA DEPARTMENT OF TRANSPORTATION
ENGINEERING CONSULTANTS SECTION
PARTICIPATION IN BOYCOTT OF ISRAEL - CONSULTANT CERTIFICATION FORM
ADOT ECS Contract No.: 2025-003**

This Certification is required in response to legislation enacted to prohibit the State from contracting with companies currently engaged in a boycott of Israel. To ensure compliance with A.R.S. §35-393, this form must be completed and returned with any response to a solicitation (SOQ), Contract Cost Proposals, and Contract Time Extensions. The Consultant understands that this response will become public record and may be subject to public inspection.

Please note that if any of the following apply to this Solicitation, Contract, or Contractor, then the Offeror shall select the "Exempt Solicitation, Contract, or Contractor" option below:

- The Solicitation or Contract has an estimated value of less than \$100,000;
- Contractor is a sole proprietorship;
- Contractor has fewer than ten (10) employees; OR
- Contractor is a non-profit organization.

Pursuant to A.R.S. §35-393.01, public entities are prohibited from entering into contracts "unless the contract includes a written certification that the company is not currently engaged in, and agrees for the duration of the contract to not engage in, a boycott of goods or services from Israel."

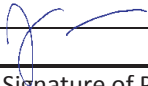
Under A.R.S. §35-393:

1. "Boycott" means engaging in a refusal to deal, terminating business activities or performing other actions that are intended to limit commercial relations with entities doing business in Israel or in territories controlled by Israel, if those actions are taken either:
 - (a) Based in part on the fact that the entity does business in Israel or in territories controlled by Israel.
 - (b) In a manner that discriminates on the basis of nationality, national origin or religion and that is not based on a valid business reason.
2. "Company" means an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company or other entity or business association, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate, that engages in for-profit activity and that has ten or more full-time employees.
- ...
5. "Public entity" means this State, a political subdivision of this State or an agency, board, commission or department of this State or a political subdivision of this State.

The certification below does not include boycotts prohibited by 50 United States Code Section 4842 or a regulation issued pursuant to that section. See A.R.S. §35-393.03.

In compliance with A.R.S. §§35-393 *et seq.*, all offerors must select one of the following:

- ☒ The Company submitting this Offer **does not** participate in, and agrees not to participate in during the term of the contract, a boycott of Israel in accordance with A.R.S. §§35-393 *et seq.* I understand that my entire response will become public record in accordance with A.A.C. R2-7-C317.
- ☐ The Company submitting this Offer **does** participate in a boycott of Israel as described in A.R.S. §§35-393 *et seq.*
- ☐ **Exempt Solicitation, Contract, or Contractor.**
Indicate which of the following statements applies to this Contract:
- ☐ Solicitation or Contract has an estimated value of less than \$100,000;
 - ☐ Contractor is a sole proprietorship;
 - ☐ Contractor has fewer than ten (10) employees; and/or
 - ☐ Contractor is a non-profit organization.

T.Y. Lin International				
Company Name			Signature of Person Authorized to Sign	
1475 N Scottsdale Road, Suite 450			James Barr, PE	
Address			Printed Name	
Scottsdale	AZ	85257	Vice President Principal-in-Charge	September 5, 2024
City	State	Zip	Title	Date

FORCED LABOR OF ETHNIC UYGHURS BAN Certification Form

Forced Labor of Ethnic Uyghurs Ban

Please note that if any of the following apply to the Consultant, then the Offeror shall select the "Exempt Consultant" option below:

- Consultant is a sole proprietorship;
- Consultant has fewer than ten (10) employees; OR
- Consultant is a non-profit organization.

Pursuant to A.R.S. § 35-394, the State of Arizona prohibits a public entity from entering into or renewing a contract with a company unless the contract includes written certification that the company does not use the forced labor, or any goods or services produced by the forced labor, or use any consultants, subconsultants, or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

Under A.R.S. §35-394:

1. "Company" means an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company or other entity or business association, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate, that engages in for-profit activity and that has ten or more full-time employees.
 - (a) Based in part on the fact that the entity does business in Israel or in territories controlled by Israel.
 - (b) In a manner that discriminates on the basis of nationality, national origin or religion and that is not based on a valid business reason.
2. "Public entity" means this State, a political subdivision of this State or an agency, board, commission or department of this State or a political subdivision of this State.

In compliance with A.R.S. §§ 35-394 et seq., all offerors must select **one** of the following:

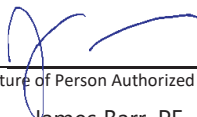
☒	The Company submitting this Offer does not use, and agrees not to use during the term of the contract, any of the following: • Forced labor of ethnic Uyghurs in the People's Republic of China; • Any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or • Any Consultants, Subconsultants, or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.
☐	The Company submitting this Offer does participate in use of Forced Uyghurs Labor as described in A.R.S. § 35-394.
☐	Exempt Consultant. Indicate which of the following statements applies to this Consultant (may be more than one): ☐ Consultant is a sole proprietorship; ☐ Consultant has fewer than ten (10) employees; and/or ☐ Consultant is a non-profit organization.

T.Y. Lin International

 Company Name
 1475 N Scottsdale Road, Suite 450

 Address
 Scottsdale AZ 85257

 City State Zip



 Signature of Person Authorized to Sign
 James Barr, PE

 Printed Name
 Vice President | Principal-in-Charge

 Title

1 Relevant Experience

Since 1988, TYLin has provided design, project management and construction engineering services to Arizona Department of Transportation (ADOT) and local agencies throughout Arizona. TYLin has completed numerous scoping and final design projects, including design-builds of varying size and scope, requiring us to work with various ADOT groups, Federal Highway Administration (FHWA), local agencies, utility providers, contractors, and other stakeholders. We have provided project management services to Maricopa County, Pinal County, Cities of Phoenix and Peoria, Town of Gilbert, and other agencies. Our team has extensive experience working with ADOT on various projects throughout the years, and our personnel have dedicated their careers to working on transportation related projects for public agencies including ADOT. Our Project (Contract) Manager, Madhu Reddy, and few of our Project Delivery Managers (PDM) met with various ADOT personnel prior to the contract advertisement to solicit input and ADOT's expectations. **It was clear ADOT is looking for PDMs who are proactive, ambitious, effective communicators, good managers, being responsive, understand the processes, quick learners, manage multiple tasks and projects, can make decisions, ask questions, good mentors and are resourceful.** We assembled a team of qualified PDMs with the desired qualities and relevant experience, ready to support PMG in meeting the 20-30-30-20 quarterly project delivery goals.



Madhu Reddy, PE, DBIA | PROJECT (CONTRACT) MANAGER

» YEARS OF EXPERIENCE: 22
» YEARS WITH TYLin: 7
» EDUCATION: MBA; MS, Civil Eng.; BS, Civil + Environmental Eng.

» AZ PE NO: 41936

» CORPORATE TITLE/RESPONSIBILITIES:

Associate Vice President/Principal Project Manager (PM). Existing/corporate responsibilities include management and training of staff, organizing and leading meetings, and project management.

Madhu has over 22 years of design management and construction administration experience. He is highly experienced in transportation engineering, alternative delivery projects, project management, and construction contract administration of complex urban freeway construction projects.

As Contract Manager, Madhu will be responsible for managing the contract, coordinating with ADOT, and ensuring we are serving ADOT needs in a timely manner. He has worked in different capacities from Project Supervisor to District Engineer and knows the contract requirements. He has a thorough knowledge of ADOT's expectations from consultant PDMs, and will provide qualified, trained, and knowledgeable staff to assist with successful project management. **Madhu's record of performance on past projects of similar type and magnitude and relevant experience includes:**

- Successful construction administration and delivery of SR 303L projects, between I-10 and I-17, valued at over \$750 million.
- Planning, construction project management, contract administration, personnel hiring and development, and budget management.
- Experience working as an Owner and designer on various alternative delivery projects (design-build and CMAR).
- Deputy Design Manager for I-10 Broadway Curve Design-Build project.
- Project (Contract) Manager for TYLin's Temporary Technical Engineering Personnel Services contract.



Vanja Mrzljak, PE | PROJECT MANAGER (Roadway + Drainage Focus)

» YEARS OF EXPERIENCE: 11 » YEARS WITH TYLin: 3 » EDUCATION: BS, Civil Engineering » AZ PE NO: 64943

Vanja has over 11 years of experience as a civil engineer involving roadway and drainage predesign, final design, and cost estimating. He has accumulated extensive knowledge of local and federal standards and policies, including the latest American Association of State Highway and Transportation Officials (AASHTO) and ADOT Roadway Design Guidelines (RDG), through his background as a roadway engineer and recent success as the Task Manager on the I-17 Design-Build project (Anthem Way to Sunset Point). As a roadway design lead, he was tasked with ensuring projects were designed to ADOT or local standards and state and federal regulations while maintaining the envisioned scope and budget.

» RECORD OF PERFORMANCE ON PAST PROJECTS OF SIMILAR TYPE AND MAGNITUDE: Vanja has extensive experience with ADOT policies and procedures, working alongside ADOT Project Management Group (PMG) for nearly a decade. Throughout his career, he has effectively led field and office reviews, facilitated comment resolution and progress meetings, and managed various project delivery activities. Recently, Vanja served as Deputy PM for an ADOT project in Apache Junction. In this role, he was responsible for delivering bid-ready construction plans and supporting documents, overseeing project scope, schedule, and budget, and coordinating closely with the local public agency to provide successful project outcomes.

» RELEVANT EXPERIENCE:

- ADOT; Winchester Road, 29th Avenue to 16th Avenue; Apache Junction, AZ | **Deputy PM**
- ADOT; I-10, Broadway Curve Design-Build; Phoenix, AZ | **Segment Design Manager**
- ADOT; I-17, Anthem Way to Sunset Point Design Build; Phoenix, AZ | **Roadway Task Manager**
- ADOT; US 93, Tegner Drive to SR 89 "The Gap"; Wickenburg, AZ | **Lead Roadway Engineer**
- ADOT; US 191; MP 448-460; Apache County, AZ | **Lead Roadway Engineer**
- ADOT; SR 80, San Pedro River Bridge; St. David, AZ | **Lead Roadway Engineer**
- ADOT; I-8, MP 46 to Southwest of Dateland; Dateland, AZ | **Lead Roadway Engineer**
- ADOT; US 60, Apache Sitgreaves to 40th Street; Show Low, AZ | **Lead Roadway Engineer**
- ADOT; SR 92, Jct SR 90 to Kachina; Sierra Vista, AZ | **Lead Roadway Engineer**
- ADOT; US 191, Cemetery Road to Generating Station Road | **Lead Roadway Engineer**



Brenan Poe, PE | PROJECT MANAGER (Roadway, Drainage + Utilities Focus)

» YEARS OF EXPERIENCE: 14 » YEARS WITH TYLin: 7 » EDUCATION: BS, Civil Engineering » AZ PE NO: 59781

Brenan has 14 years of experience as a design task lead for ADOT and Maricopa County DOT on-call contracts producing contract documents for construction procurement. Brenan has extensive expertise in urban and rural roadway design and construction. In addition, working as a contractor managing large transportation construction projects has provided a basis for practical design solutions and a thorough understanding of the construction process. He is a detail oriented, self-starter with the ability to focus on the big picture and prioritize work activities.

» RECORD OF PERFORMANCE ON PAST PROJECTS OF SIMILAR TYPE AND MAGNITUDE: **Brenan served as the Acting PM on four Maricopa County Department of Transportation (MCDOT) tasks as part of TYLin's Supplemental Project Management Services contract** (listed below). He was responsible for successfully advancing project development through final design and into construction. Efforts involved managing the scopes, schedules, and budgets; managing final design consultants, coordinating with MCDOT internal technical groups, and project stakeholders; and advertising projects for construction. He presented budget requests at monthly Project Review Committee (PRC) meetings to authorize project funds.

» RELEVANT EXPERIENCE:

- MCDOT; Country Place and Laurelwood Park Sidewalk Rehabilitation; Chandler/Gilbert, AZ | **Supplemental PM**
- MCDOT; Fiscal Year (FY) 19 Asphalt-Rubber Asphaltic Concrete (ARAC), Northeast Arterial Pavement Rehabilitation; Phoenix, AZ | **Supplemental PM**
- MCDOT; 35th Avenue, Carver Road to Elliot Road; Phoenix, AZ | **Supplemental PM**
- MCDOT; New River Area Hot In Place Recycling; Phoenix, AZ | **Supplemental PM**



Alex Gonzalez, PE | PROJECT MANAGER (Roadway, Bridge, Traffic + Utilities Focus)

» YEARS OF EXPERIENCE: 18 » YEARS WITH TYLin: 4 » EDUCATION: BS, Civil Engineering » AZ PE NO: 53511

Alex Gonzalez has over 18 years of experience, in project and risk management, leadership, cost control, project delivery for arterial streets, urban freeways, rural highways, inter-agency coordination, quality control, scoping documents, construction documents preparation, utility relocation and coordination, and post-design services. Alex's expertise in developing detailed project schedules using Microsoft Project enables him to define project milestones, establish deliverables, and identify the critical path effectively. This gives him the ability to manage multiple projects at various stages, prioritizing tasks, delegating effectively, adapting to changes, and maintaining

clear communication with team members. Alex excels at building trust-based relationships with stakeholders, clearly communicating project goals, constraints, and progress, and tailoring engagement strategies. He is skilled in resolving conflicts, seeking and integrating feedback, maintaining open communication, coordinating across disciplines, and keeping thorough documentation of stakeholder interactions.

» **RECORD OF PERFORMANCE ON PAST PROJECTS OF SIMILAR TYPE AND MAGNITUDE:** Alex's responsibilities include oversight of multi-discipline projects, scheduling for both project delivery and construction sequencing, and project quality control. He is currently serving as a Segment Roadway Lead on the I-17 Design-Build (Anthem Way to Sunset Point), responsible for overseeing design, coordinating with various technical disciplines, and ensuring timely communication with all team members including the Design-Builder and ADOT.

» **RELEVANT EXPERIENCE:**

- ADOT; US 95 & Dome Valley Road Intersection; Yuma County, AZ | **PM**
- ADOT; SR 179, I-17 to Red Rock Vista Pavement Preservation; Yavapai County, AZ | **PM**
- ADOT; SR 89, Paulden Turn Lanes; Paulden, AZ | **PM**
- ADOT; I-10 Pavement Preservation, I-17 to Dysart Road; Phoenix, AZ | **Deputy PM/Project Engineer**
- ADOT; I-17, Anthem Way to Sunset Point Design-Build; Phoenix, AZ | **Segment Roadway Lead**
- ADOT; I-10 Broadway Curve Design-Build; Phoenix, AZ | **Roadway Engineer**
- ADOT; I-8 and Araby Road TI Improvements; Yuma, AZ | **Project Engineer**
- ADOT; Wellton-Mohawk Canal Bridges; Yuma County, AZ | **Project Engineer**



Allison Sadow, PE | PROJECT MANAGER *(Active Transportation Focus)*

» **YEARS OF EXPERIENCE:** 8 » **YEARS WITH TYLin:** 8 » **EDUCATION:** BS, Civil Engineering » **AZ PE NO:** 73752

Allison offers 8 years of engineering experience in roadway design. Her expertise includes horizontal and vertical geometry, modeling for quantities and quality control, construction cost estimates, roadway plan and profile, client and utility coordination, 3D site development, and Safe Systems best practices.

» **RECORD OF PERFORMANCE ON PAST PROJECTS OF SIMILAR TYPE AND MAGNITUDE:** Allison has extensive experience as the project designer across multiple municipalities and is well-versed in managing local standards and implementing context sensitive engineering judgment. Allison recently served as the project manager for a Maricopa Association of Governments (MAG) assisted project with the City of Scottsdale. She was responsible for delivering a comprehensive report discussing alternatives analyses, preparing materials for public consumption, facilitating public meetings, and managing project scope, schedule, and budget.

» **RELEVANT EXPERIENCE:**

- City of Scottsdale/MAG; 64th Street Crossing Study; Scottsdale, AZ | **PM**
- Town of Gilbert; Vaughn Ventilator; Gilbert, AZ | **Project Engineer**
- City of Chandler; Frye Road Bicycle Lanes; Chandler, AZ | **Project Engineer**
- City of Phoenix; Downtown Active Transportation Study; Phoenix, AZ | **Project Engineer**
- City of Maricopa; Lakes Park; Maricopa, AZ | **Project Engineer**
- Town of Paradise Valley/ADOT; Mockingbird Lane; Paradise Valley, AZ | **Project Engineer**
- MCDOT; Peoria Avenue; Surprise, AZ | **Project Engineer**
- City of Phoenix; Railroad Crossing Project Assessments; Phoenix, AZ | **Project Engineer**
- MCDOT; Sun City West Guardrail Evaluation; Sun City, AZ | **Project Engineer**
- ADOT; Horizontal Curve Evaluation; Statewide, AZ | **Utility Coordinator**



Chad Andrews, PE | PROJECT MANAGER

(Complex Projects + Major Projects Focus)

» **YEARS OF EXPERIENCE:** 34 » **YEARS WITH TYLin:** 4
» **EDUCATION:** AA, CADD Drafting + Design » **AZ PE NO:** 42821

Chad has nearly 35 years of experience in providing project management, cost control, risk management, leadership, and project delivery; roadway, drainage, and utility design; and construction support services on rural and urban highways, local street, and State Park projects. His commitment to quality, and knowledge of ADOT and local agency procedures have led to many successful projects. Chad's responsibilities include oversight of multi-discipline projects, developing teaming arrangements for multi-consultant teams, leading development of proposals in pursuit of projects; scheduling for both project delivery and construction sequencing; and project review and quality control.

» **RECORD OF PERFORMANCE ON PAST PROJECTS OF SIMILAR TYPE AND MAGNITUDE:** Chad has served as the PM on many multi-discipline projects, leading the delivery of scoping documents, delivering plans, specifications, and estimates, and provided post design services during construction. He also facilitated the coordination of utility design and relocations, environmental mitigation efforts, right-of-way acquisition, and geotechnical and pavement design. Chad also leads the quality control efforts in TYLin's Arizona office and southwest region.

» **RELEVANT EXPERIENCE:**

- ADOT; I-17, Anthem to Sunset Point Design-Build | **PM**
- ADOT; I-17, Dunlap Avenue to Deer Valley Road; Phoenix, AZ | **PM**
- ADOT; I-10, Dysart Road to I-17; Avondale, AZ | **PM**
- ADOT; SR 86 Valencia Road to Kinney Road; Tucson, AZ | **PM**
- ADOT; SR 101L HOV Design-Build; Glendale/Peoria, AZ | **PM (GEC)**
- ADOT; SR 303, US 60 to I-17; Surprise/Peoria/Phoenix, AZ | **PM**
- ADOT; SR 303L, US 60 to I-17; Surprise/Peoria, AZ | **PM**
- ADOT; US 60, Florence Junction to Queen Creek, Picket Post Section; Superior, AZ | **PM**



Josiah Roberts, PE, DBIA | PROJECT MANAGER

(Complex Projects + Major Projects Focus)

» **YEARS OF EXPERIENCE:** 28 » **YEARS WITH TYLin:** 2
» **EDUCATION:** BS, Civil Engineering » **AZ PE NO:** 35171

Josiah has more than 28 years of engineering and project management experience, including preparing plans, specifications, and estimates (PS&E) for rural and urban roads, highways, and urban freeways. He has successfully managed many roadway improvement projects, including project assessments, location/design concept studies and PS&E, pavement preservation, safety improvements, construction staging and traffic control, signing and striping, and AASHTO Controlling Design Criteria Evaluations.

» **RECORD OF PERFORMANCE ON PAST PROJECTS OF SIMILAR TYPE AND MAGNITUDE:** Josiah is a proven leader skilled in managing staff, coordinating, and consensus building. He has a thorough understanding of ADOT policies and procedures **through serving as a previous Supplemental PM for the ADOT PMG.** Responsibilities included overseeing the delivery of bid ready construction plans and their supporting documents, including but not limited to, roadway and pathway plans, drainage reports, geotechnical/material reports, geometric alignments, traffic, bridge, earthwork, construction phasing, encroachment permits, rights-of-way, utilities, specifications, cost estimates, joint project agreements, and environmental documents. Josiah managed schedules, facilitated communication of information, led field and office reviews, led comment resolution meetings, and other project delivery activities.

» **RELEVANT EXPERIENCE:**

- ADOT; Temporary Part-Time Project Delivery Manager; Statewide, AZ | **PM**
- ADOT; I-10 Broadway Curve Design-Build; Phoenix, AZ | **Design Manager**
- ADOT; SR 189, International Border to Grand Avenue; Nogales, AZ | **GEC Manager**
- ADOT, SR 101L General Purpose Lanes Design-Build, I-17 to Pima Road; Phoenix, AZ | **Segment Manager**
- ADOT, Statewide Port of Entry Truck Screening Design-Build; AZ | **GEC Manager**
- ADOT; US 60/Bell Road Traffic Interchange Design-Build; Surprise, AZ | **GEC Manager**
- ADOT, SR 101L Auxiliary Lanes, Northern Avenue to Grand Avenue; Peoria, AZ | **PM**
- ADOT; US 93, Boulders Section; AZ | **PM**

2 Demonstrated Knowledge, Skills, and Abilities (KSAs)

KSAs	MADHU REDDY, PE, DBIA	VANJA MRZLJAK, PE	BRENAN POE, PE	ALEX GONZALEZ, PE	ALLISON SADOW, PE	CHAD ANDREWS, PE	JOSIAH ROBERTS, PE
ADOT Project Delivery Experience	Madhu worked for ADOT for over 15 years and managed multiple complex freeway projects. He is familiar with project programming, project development process, construction administration and closeout, including FHWA and other agency requirements. While at Central District, he worked closely with PMG on a daily basis providing input on project schedules, risk assessment and value engineering, constructability reviews, development permit approvals, and District input during project development.	Vanja dedicated nearly a decade to ADOT, beginning his career with the EIT program where he gained extensive experience across various roles. His deep familiarity with ADOT's project development process and administration is complemented by his role in RDG, where he collaborated closely with PMG to consistently meet project schedules and budgets. This background underscores his strong expertise in both project management and departmental operations.	Brenan began his career as a field engineer on ADOT's I-10 (Val Vista to Earley Road) construction project. As a designer, Brenan developed 10+ ADOT projects. This experience provides a thorough understanding of ADOT's project development process from inception through construction. He also served as the Acting PM on federally-funded MCDOT tasks as part of TYLin's Supplemental Project Management Services contract.	Alex has over 18 years of ADOT design and management experience, overseeing every phase from project scope analysis to final design. His expertise encompasses inter-agency coordination, quality control, utility relocation and coordination, and post-design services. He leads multidisciplinary teams, develops project proposals, manages scheduling, and complies with ADOT standards throughout project delivery.	Allison offers 8 years of engineering experience in roadway design. Her expertise includes horizontal and vertical geometry, modeling for quantities and quality control, construction cost estimates, roadway plan and profile, client and utility coordination, 3D site development, and Safe Systems best practices. She has coordinated with ADOT on local agency projects and served as Utility Coordinator for horizontal curve evaluations throughout Arizona.	Chad provides over 30 years of experience in both rural and urban ADOT projects. He has a vast knowledge on many state and US highways throughout Arizona. Over his time working with ADOT, Chad has developed many relationships within ADOT technical groups and Districts.	Josiah has more than 28 years of designing and managing ADOT projects for rural and urban highways and freeways. He has gained a thorough understanding of ADOT policies and procedures and the project delivery process through serving as a Supplemental PM for PMG. He has established relationships with many ADOT technical leads and District staff by serving as a general engineering consultant (GEC) manager for ADOT on four design-build projects.
Focus Areas	Roadways, Bridges, ITS/FMS, Traffic, Landscaping, Active Transportation, Local Agency Projects	Roadway, Drainage, Local Agency Projects	Roadway, Drainage, Utilities, Local Agency Projects, Construction	Roadway, Bridges, Traffic, Maintenance of Traffic (MOT), Utilities, Local Agency Projects	Active Transportation, Parks and Recreation, Local Agency Projects	Roadways, Bridges, ITS/FMS, Traffic, Active Transportation, Local Agency Projects	Roadways, Bridges, ITS/FMS, Traffic, Active Transportation, Local Agency Projects
Certifications/Affiliations/Accomplishments <i>Each of our proposed PDMs completed ACEC AZ's LEAP Program</i>	» Professional Engineer » Design Build Institute of America (DBIA) » American Society of Highway Engineers (ASHE) » American Council of Engineering Companies, Arizona (ACEC AZ)	» Professional Engineer » ACEC AZ, Leadership in Engineering Administration Program (LEAP)	» Professional Engineer » ACEC AZ, LEAP » American Society for Civil Engineers (ASCE)	» Professional Engineer » ACEC AZ, LEAP » ASCE	» Professional Engineer » ACEC AZ, LEAP » ASCE Phoenix Branch Younger Member Forum (President Elect) » Completed Harvard's "The Walkable City" (2023) and FHWA's "Designing for Pedestrian Safety" (2019)	» Professional Engineer » ACEC AZ, LEAP	» Professional Engineer » DBIA » ACEC AZ, LEAP » ASHE (Board Member) » Publication: <i>Collaborative Teamwork Creates Jewel of a New Interchange</i>, ASHE Scanner, Fall 2017
Project Delivery Types	Design-Bid-Build, CMAR, Design-Build, Progressive Design-Build, Job Order Contract, Procurement Contracts	Design-Bid-Build, Design-Build	Design-Bid-Build, CMAR, Design-Build, Job Order Contract	Design-Bid-Build, Design-Build	Design-Bid-Build, CMAR, Design-Build	Design-Bid-Build, CMAR, Design-Build, Job Order Contract	» Design-Bid-Build, CMAR, Design-Build
Technical Knowledge/Skills	Madhu is very familiar with ADOT standards, Guidelines, and specifications, AASHTO, Federal CFR's, MAG, Local Agency and other industry standards. He has a thorough understanding of ADOT processes and procedures, and has good working relationship with internal groups within ADOT.	Having spent the majority of his career at ADOT, Vanja possesses an in-depth understanding of ADOT's standards, guidelines, and specifications. His extensive experience with ADOT RDG has allowed him to build strong working relationships across various departments. Vanja is well-versed in the Google ecosystem utilized by ADOT, as well as Adobe's Workfront program.	Brenan has experience in construction and design and understands the crucial items required for the project development process and both federal and non-federal funding sources. Brenan is very familiar with ADOT construction and roadway design guidelines and has coordinated 5+ projects through ADOT's Contracts and Specifications (C&S) Group.	Alex has extensive knowledge of the ADOT Roadway Design Guidelines, Construction Standard Details, specifications, AASHTO Roadside Design Guide, MUTCD, as well as MAG, MCDOT, and other standards set by local agencies. His skills encompass preparing scoping letters, preliminary plans, cost estimates, clearance documents, schedules, and construction phasing.	Allison is very familiar with FHWA Safe Systems Approach, NACTO guidance, AASHTO, MAG, local agency and other industry standards.	Chad has spent most of his career managing and design projects for ADOT. During this time, he has developed an in-depth understanding of ADOT's construction standards, standard specifications, and the RDG. Additionally, he understands ADOT procedures and has a strong sense for scope, schedule, and budget.	Josiah has a thorough understanding of ADOT standards, guidelines, and specifications, AASHTO design criteria, and ADA guidelines.

KSAs	MADHU REDDY, PE, DBIA	VANJA MRZLJAK, PE	BRENAN POE, PE	ALEX GONZALEZ, PE	ALLISON SADOW, PE	CHAD ANDREWS, PE	JOSIAH ROBERTS, PE
Skills: Project Management, Interpersonal, Oral + Written; Schedule + Budget Management, Multi-Tasking, Follow Through, and Stakeholder Management + Coordination	Madhu knows ADOT's processes, internal computer programs, and the inner workings of each group within ADOT. While at ADOT, coordinated and maintained good relationships with FHWA, MAG, MCDOT and various local agencies, while ensuring the project were completed successfully. His skills encompass preparing grant applications, preparing scoping documents for funding request, reviewing agreements, developing cost estimates, schedule, and constructability reviews.	With over a decade of experience leading roadway design projects at ADOT, Vanja developed outstanding interpersonal skills. In his role as Lead Roadway Designer, he was instrumental in ensuring that project scope, schedules, and budgets were consistently met by proactively engaging with project personnel. He also adeptly managed project coordination and conducted meetings when PMG was occupied with other commitments.	As a Supplemental PM for MCDOT, Brennan managed four task orders through final design and award to contractor. Brennan worked closely with MCDOT Management and presented regularly at MCDOT's monthly project review meetings to program project funds for design and construction and discuss key issues with branch managers. Brennan provided information to MCDOT management used to update their Transportation Improvement Program.	Alex's PM skills include Workfront knowledge of scheduling project stage delivery, file management, and project review quality control, and quality assurance/quality control (QA/QC). His strong interpersonal, oral, and communication skills give him the ability to work effectively within a multidisciplinary team, resolve conflicts and disputes, manage client expectations, and explain complex technical concepts resulting in coincided solutions.	Allison has several years of experience leading teams of technical staff and bridging the gap between in depth technical solutions and high-level explanation to various departments for their own needs. She is highly skilled in meeting with the public, managing their expectations, and providing an open and understanding conversation. Allison has given multiple presentations on active transportation solutions throughout Arizona.	Chad has delivered a variety of large projects while serving as the PM and as the lead designer. He developed both technical skills and managerial skills to deliver projects while managing schedules and budgets.	Through designing and managing numerous ADOT projects, Josiah has developed extensive skills for managing technical teams, facilitating project meetings, building stakeholder consensus, communicating with project teams, and developing and tracking project schedules and budgets.
Innovative Techniques	While at ADOT, Madhu provided input on Stage Deliverables Checklist as part of quality improvement process. He provided input during development of the Project Delivery Method Selection Matrix. Madhu has presented Construction Handoff training module at PM Academy.	Vanja's work on the 40th Street to SR 61 project in Show Low marked a significant milestone as ADOT's pilot project to eliminate plan sheets from pavement rehabilitation projects. He seamlessly coordinates with multiple groups, meeting objectives regardless of the challenge.	Brenan understands the major elements that may compromise project schedules: utilities, right-of-way, environmental, and offsite drainage. He discusses potential issues early while the project is being scoped and the issue mitigated during design.	Alex utilizes integrated design process to promote collaboration among stakeholders from earliest design stages. This enhances design quality, reduces errors and rework, improves communication, and aligns the team toward common goals.	Allison has expertise in safe transportation systems and modular protection elements that she incorporates into active transportation projects.	As one of TYLin's Southwest region champions, Chad developed specialized toolboxes residing within Bluebeam. These toolboxes simplify QA/QC reviews, provide consistent checking between reviewers, and align with TYLin's Quality Management Plan.	Josiah employs performance-based practical design (PBDP) strategies to implement innovative ideas. He utilizes over-the-shoulder (OTS) meetings to identify critical issues prior to stage submittals.
Performance Record/ Successes	Madhu has worked on multiple complex projects, and successfully completed them within schedule and budget. Major accomplishments include completion of I-17 projects (SR 101L to Anthem Way) and SR 303L projects (I-10 to I-17) while he was the Assistant District Engineer and District Engineer. This required significant coordination between designers and multiple segments, stakeholders, local agency input, IGA approvals, and utility relocations.	Vanja served as the lead designer for ADOT's first OpenRoads project and the Roadway Lead for ADOT's largest fully in-house design project (Tegner St to SR 89A "The Gap"). His portfolio also includes I-17 Anthem Way and I-10 Broadway Curve Design-Builds. Vanja consistently collaborates with PMG and various ADOT departments, ensuring the success of each project through effective coordination and management.	Brenan has successfully managed four task orders through final design managing both consultant and internal MCDOT design teams. All four projects were awarded to contractors within the allowable bid tolerances and the projects were constructed within budget and schedule.	Alex served as the Segment Lead for the I-17 Anthem Way Design-Build, where he was responsible for overseeing final design and maintaining continuous collaboration with the contractor. His experience along the I-17 corridor has enabled him to build strong working relationships with ADOT and stakeholders. Alex successfully delivered the I-17 Pavement Pres. projects (19th Avenue to the Arizona Canal Bridge and Dunlap Avenue to Deer Valley Road).	Allison has worked on several predesign studies for projects throughout the valley, including 64th Street in Scottsdale, Grade Separated Light Rail in Tempe, and a Park-and-Ride in Laveen. As the lead engineer, she completed several parks in Phoenix and coordinated multiple stakeholders and subconsultants for active transportation projects along Frye Road in Chandler and Vaughn Ventilator in Gilbert.	Chad has served as the PM on many complex ADOT project and has successfully delivered them on schedule and within budget. He has delivered projects in the design-bid-build as well as the design-build formats.	Josiah has managed many significant projects for ADOT and other western DOTs, while successfully delivering them on-time and within budget. He also served as a GEC manager on four ADOT projects that were successfully delivered through the design-build process.
Additional Skills/Complex Assignments	Madhu has experience managing alternative delivery projects, including CMAR and design-builds, and he is serving as the Deputy Design Manager on the I-10, Broadway Curve Design-Build project currently under construction.	Vanja has expertise in utilizing Google's ecosystem, a core toolset at ADOT. He consistently employs Adobe's Workfront, using it to optimize project workflows. His deep familiarity with these platforms allows him to streamline project management processes, improve efficiency, and deliver results that consistently meet or exceed ADOT's standards.	Brenan has worked on two of the largest projects in ADOT's history, the SR 101L (I-17 to Pima Road) and the I-10 Broadway Curve Design-Build projects. Working through the complexities on these large projects has provided experience on how to solve some of the most complex issues that can arise with a transportation project.	Alex began his career in the bridge group, where he spent 5+ years mastering the technical and design aspects of structural analysis, gaining a solid understanding of bridge elements. His experience also extends to traffic signal, signing, and marking design. Alex shifted his focus to roadway design, which facilitated a smooth transition into his current role as a PM.	Allison worked on multiple projects which required extensive documentation of practices and materials outside of standards using technical variance memos included Frye Road in Chandler and Vaughn Ventilator in Gilbert.	Chad is serving as the PM on the I-17, Anthem to Sunset Point project which is under construction and is anticipated to be open in late 2024.	Josiah is serving as the Design Manager for the I-10, Broadway Curve project currently under construction and is anticipated to open in Summer 2024.

3 Knowledge of Federal, State and Industry Standards

TYLin has recent and relevant experience working on both state and federally-funded transportation construction projects involving ADOT and local agencies. A hallmark of our firm history is the successful completion of federally-funded projects for local and state agencies and we are very familiar with the required regulations (including Code of Federal Regulations), procedures, standards, specifications, and reporting. TYLin staff is experienced in the preparation of federal grant applications, providing input on standards and specification updates, administration of state, local, and federally-funded projects, including maximizing federal participation and meeting funding obligation requirements.

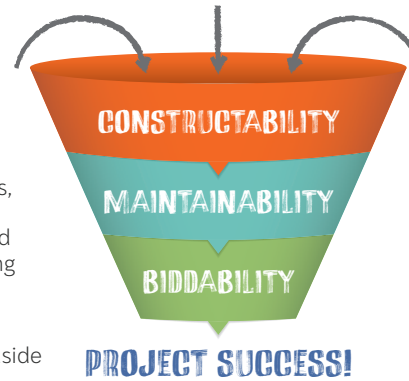
Our team is very familiar with ADOT Standard Specifications, Special Provisions, ADOT Technical Groups' Standards and Guidelines, and other applicable policies, AASHTO Roadside Design Guidelines, AASHTO Policy on Geometric Design, AASHTO Guide for Pedestrian Facilities, AASHTO Guidelines for Development for Bicycle Facilities, National Association of City Transportation Officials (NACTO) Guidelines, Manual on Uniform Traffic Control Devices (MUTCD) and the Arizona supplement, MAG and local agency standards and specifications, and others. We are also familiar with ADOT computer programs (PERT, Workfront, FAST Program, and other ADOT internal programs).

In addition to our knowledge described above, we are familiar with the stewardship agreement requirements between ADOT and FHWA on areas of responsibility, documentation requirements, approvals, and project close-out. Local agencies utilizing the federal funding are also required to comply with FHWA and ADOT standards. Madhu is very familiar with ADOT's Local Public Agency (LPA) Manual due to his involvement during the LPA manual development, while he was at ADOT. In addition to providing input, he participated in the LPA audits with the certified accepted (CA) agencies and complied with the requirements. Our PDMs are involved in guiding the local agencies on the federal and state requirements on authorizations for right-of-way acquisition and utility relocations, sole source material procurement, Buy America requirements, and funding obligation on CMAR projects.

In addition to having knowledge, familiarity with the federal, state and industry standards and guidelines, our PDMs have experience interpreting and implementing the standards and guidelines successfully on various projects, on-call contracts, and on alternative delivery projects. Our PDMs have managed multiple state, and local agency projects, and through experience, know that the project success depends on:

- **Proactive Communication and Teamwork Approach:** Maintaining open communication with all parties, including ADOT Management, establishing milestones, obtaining commitment from team members, and following through on a regular basis. Utilizing ADOT Senior PDMs' support when needed, effectively communicating and providing detailed justification to ADOT staff on project changes at PRB/TRB and PPAC meetings.
- **Compliance with Federal Requirements:** Ensuring utility, right-of-way, and environmental (EA, EIS) approvals are met, coordination on project updates, design reviews, design exceptions, sole source procurement, advertisement schedule and other requirements are met.
- **ADOT Technical Groups and District Coordination:** Coordinating Technical Group and District constructability/maintainability input during design to deliver biddable projects and avoid schedule delay.
- **Intergovernmental Agreements (IGA):** Early coordination with all parties to have IGAs drafted on projects with local or other agency involvement.
- **Stakeholder Coordination:** Early coordination and engagement with all stakeholders is important for project success.
- **Environmental Compliance (National Environmental Policy Act):** Ensuring requirements are addressed during design and incorporated into the project special provisions.
- **Clearances:** Right-of-way, utility clearances, and railroad agreements are needed prior to project advertisement. Early coordination and identification of right-of-way needs and utility relocations will mitigate project delays and budget.
- **ADOT C&S:** Ensuring project plans are biddable, all required submittals per the deliverables checklist are submitted, including addressing all comments, and early proactive engagement with C&S is key to meeting the 20-30-30-20 delivery commitments.

We are aware that if selected, our PDMs will have to complete the Computer Access Request form to obtain ADOT consultant login information to access the ADOT in-house programs. Our team is familiar with the process and we know the PDMs will have to review ADOT policies and complete Computer Security Awareness training.



4 Availability

TYLin has been a reliable partner, consistently meeting and exceeding our clients' needs. We handpicked the PDMs who will be co-located when required. Considering over \$8 billion in projects are programmed between Fiscal Years 2025 and 2029, we are aware of ADOT's anticipated project delivery needs and requirements. We also understand that the Proposition 479 projects are not included in the program until the outcome of November 2024 elections. Once Prop 479 passes, additional projects will be incorporated through the TIP amendment. Our PDMs are committed and available to manage projects for ADOT as needed, ensuring their successful delivery as planned. Our PDMs' availability and commitment to this contract and their current commitments are listed below.

» Madhu Reddy, PE, DBIA | 20%, 8 Hours/Week Commitment

- ADOT, I-10, Broadway Curve Design-Build, 20%, On-going through May 2025
- ADOT, Temporary Technical Engineering Personnel On-Call, 10%, On-going

» Vanja Mrzljak, PE | 60%, 24 Hours/Week Commitment

- ADOT, I-10, Broadway Curve Design-Build, 20%, On-going through May 2025
- ADOT, I-17, Anthem Way to Sunset Point Design-Build (Post Design), 10%, On-going

» Alex Gonzalez, PE | 50%, 20 Hours/Week Commitment

- ADOT, I-17, Anthem Way to Sunset Point Design-Build (Post Design), 10%, On-going
- City of Goodyear, Sarival Avenue Widening, 20%, On-Going
- City of Goodyear, Bullard Avenue Widening, 20%, On-Going

» Brenan Poe, PE | 50%, 20 Hours/Week Commitment

- MCDOT, Northern Parkway, 103rd Avenue to 91st Avenue, 30%, On-going through December 2024
- MCDOT, Various On-Call Tasks, 20%, On-going through June 2025

» Allison Sadow, PE | 50%, 20 Hours/Week Commitment

- Town of Paradise Valley/ADOT LPA, Mockingbird Lane, 10%, On-going through December 2024
- Town of Gilbert, Vaughn Ventilator, 25%, On-going through January 2025

Josiah Roberts, PE DBIA | 40%, 16 Hours/Week Commitment

- ADOT, I-10, Broadway Curve Design-Build, 20%, On-going through May 2025
- ADOT, US 60, 85th Avenue to I-17 Pavement Preservation, 10%, On-going through December 2024

Chad Andrews, PE | 40%, 16 Hours/Week Commitment

- ADOT, I-17, Anthem Way to Sunset Point Design-Build (Post Design), 5%, On-going
- ADOT, SR 303L, 51st Ave to Lake Pleasant Pkwy, 5%, On-going
- ADOT, SR 303L/MC 85 (Stage IV), 5%, On-going through April 2025

» Indicates Key Personnel



Madhu Reddy, PE, DBIA

PROJECT (CONTRACT) MANAGER

Madhu has over 22 years of design management and construction administration experience. He is highly experienced in transportation engineering, alternative delivery projects, project management, and construction contract administration of complex urban freeway construction projects. Madhu was responsible for successful management and administration of various complex freeway projects for ADOT Central District including traffic interchanges, system interchanges, major freeway and highway reconstruction, and various Design-Build and CMAR projects. As Contract Manager, Madhu will be responsible for managing the contract, coordinating with ADOT, and ensuring we are serving ADOT needs in a timely manner. He has worked in different capacities at ADOT from Project Supervisor to District Engineer and knows the contract requirements. He has a thorough knowledge of ADOT's expectations from consultant PDMs, and will provide qualified, trained, and knowledgeable staff to assist with successful project management.

PROJECT EXPERIENCE

ADOT, I-10, I-17 (SPLIT) TO SR 202L DESIGN-BUILD (BROADWAY CURVE) | PHOENIX AND TEMPE, AZ

Deputy Design Manager for this high-profile project in the metropolitan Phoenix area. Responsibilities include extensive coordination with the Pulice/FNF/Flatiron Joint Venture, ADOT, local agencies, and stakeholders, design management and subconsultants coordination, ensuring timely completion of quality design submittals meeting contractual requirements and standards. Responsibilities during procurement included development and review of preliminary design documents, developing ATC, and coordinating the overall proposal development.

ADOT, AS-NEEDED HIGHWAY/ROADWAY TEMPORARY TECHNICAL SUPPORT SERVICES (2023-PRESENT) | STATEWIDE, AZ

Contract Manager. TYLin provides ADOT with qualified and experienced consultant personnel (staff augmentation) to supplement inspection and construction administration needs on various projects statewide, including state and federal aid projects. This on-call contract responsibilities include construction inspection and construction engineering services on roadway, bridge, drainage, landscape, utilities, Intelligent Transportation Systems (ITS) and various other projects. Staff augmentation includes resident engineers (RE), project supervisors, structures representatives, field office engineers/administrators, and utility/railroad/regulatory agency third party coordinators. Additional services include scheduling (review and analysis of Contractor schedules) and estimating services (generate independent cost estimates, review of Construction Manager/General Contractor (CMGC) estimates, and support in cost negotiations). On-going task orders include:

- I-17, Southbound County Line – McConnell Bridge (pavement rehabilitation project)
- SR 202L, South Mountain Freeway – Office Administration (labor compliance, DBE oversight, process pay estimates) during maintenance period

ADOT, SR 202L, SR 101L TO BROADWAY ROAD | MESA, AZ

District Construction Engineer responsible for the successful delivery of the \$120M Design Build project to improve 20 Mile segment of the Red Mountain Freeway within the City of Mesa. The project included an addition of general-purpose lane in both directions for 7 miles, addition of one HOV lane for 13 miles, addition of auxiliary lane, ramp reconstruction, bridge widening and retaining wall improvements, drainage improvements, ITS/FMS, traffic lighting, signing and signal improvements, landscape improvements, utility relocation and other improvements. As the District Construction Engineer, Madhu provided design, constructability, and traffic management input, attended one-on-one and ATC meetings as part of project procurement. After procurement, Madhu was responsible for ensuring timely design approvals, providing adequate field office staff support, ensuring contract requirements were adequately followed, and ensuring project was completed on time and on budget.

ADOT, US 60 (GRAND AVENUE), BELL ROAD TRAFFIC INTERCHANGE | SURPRISE, AZ

District Construction Engineer responsible for the delivery of the high profile \$49M grade separated traffic interchange over US 60 and BNSF railway tracks. This project was needed to improve congestion and increase safety at the busy Bell Road intersection, a new Bell Road bridge over Grand Avenue using a median urban design (MUD) concept was selected, and included utility relocations, retaining wall construction, drainage and signing improvements, Madhu was involved in the design-build delivery method selection, supervised development of the RFQ/RFP, evaluated risks and developed risk management strategies, and met the City of Surprise milestone requirements.

YEARS OF EXPERIENCE

22 Years

YEARS WITH TYLIN

7 Years

EDUCATION

MBA, Arizona State University,
W.P. Carey School of Business

MS, Civil Engineering, Arizona
State University

BS, Civil and Environmental
Engineering, University of
Mysore, India

LICENSE

Professional Engineer, AZ
#41936

CERTIFICATIONS

DBIA Professional, Design Build
Institute of America

CORPORATE TITLE/ RESPONSIBILITIES:

Associate Vice President/
Principal Project Manager.
Corporate responsibilities
include management and
training of staff, organizing and
leading meetings, and project
management.

ADOT, SR 303L, HAPPY VALLEY ROAD TO US 60 | SURPRISE, AZ

Assistant District Engineer responsible for the \$33M, 6-mile Freeway reconstruction Design-Build project. This project to upgrade L303 to a freeway, between US60 and Happy Valley Rd., included addition of three general purpose lanes, median barrier, noise walls, drainage improvements, FMS infrastructure installation, traffic signing and marking improvements. Madhu oversaw RFQ/RFP development, provided constructability input, coordinated the adjacent project phasing, construction limits and schedules in the RFP. After procurement, Madhu was involved in assisting with design reviews, ensuring maintenance and Roadway design issues were addressed, and project was completed within budget and schedule.

ADOT, SR 303L, LAKE PLEASANT PARKWAY TO I-17 | PHOENIX, AZ

Assistant District Engineer responsible for overseeing \$75M project construction, which included new PCCP freeway lanes, constriction of new bridges over New River and Deadman Wash, earthwork management of over two cubic yards between two major SR 303L projects, drainage, signing and landscaping improvements. During design, Madhu worked with the designers to balance earthwork between adjacent project and develop phasing and milestone requirements. This project was completed ensuring compliance with Army Corps and ADEQ permits.

ADOT, SR 101L/MARYLAND AVENUE DIRECT HOV (DHOV) RAMPS | GLENDALE, AZ

Assistant District Engineer responsible for the oversight and successful delivery of the \$12M DHOV lane ramps Design-Build project. Madhu oversaw RFQ/RFP preparation, evaluated SOQs to meet all milestones, and completed the project in time for the upcoming Super Bowl. This project included construction of two flat slab ramp structures for NB and SB access, Cast-in-place retaining walls, drainage system modifications, median barrier, electrical, lighting, signing, and pavement markings.

ADOT, SR 101L, I-10 TO TATUM BOULEVARD | PHOENIX, AZ

Assistant District Engineer responsible for the successful oversight and delivery of the \$99M, 29 miles HOV lanes Design-Build project on L101 -Pima and Agua Fria freeway segment between I-10 and Tatum Blvd. within the Cities of Phoenix, Peoria and Glendale. Additional improvements included widening of three bridges, a general-purpose lane through SR 101L/ I17 system interchange in both directions between 19th Ave. and 35th Ave., noise walls, retaining walls, drainage improvements, signing, lighting, barrier and landscaping. Madhu, as a District representative oversaw RFQ/RFP preparation, providing input on design matters, constructability issues, freeway closures, coordinating with various technical groups to include required improvements, attending ATC meetings, and providing input on ATC responses. During construction Madhu was involved in timely design approvals, assisted with expediting early work packages, approved contract changes, provided support to project office with staffing, complied with contract requirements, and completed the project on time.

ADOT, I-17, JOMAX ROAD TO SR 74 TRAFFIC INTERCHANGE | PHOENIX, AZ

Senior Resident Engineer. Responsible for the \$80M re-construction and widening of Interstate 17 in North Phoenix. This project included reconstruction of approximately 6 miles of I-17 from two lanes to four lanes, including construction of the CAP canal structure and L303/I-17 traffic interchanges. Madhu administered this fixed contract date project, which required significant coordination between adjacent projects, stakeholders, and businesses; required innovative phasing for earthwork management and construction of structures to minimize traffic impacts.

ADOT, I-17, JOMAX ROAD AND DIXILETA DRIVE TRAFFIC INTERCHANGES | PHOENIX, AZ

Senior Resident Engineer, The project involved construction of two new traffic interchanges along I-17 and reconstruction of a 1970's structure over Skunk Creek to a 4 span structure. The Happy Valley Road roundabout was reconfigured from a two way frontage road to a one way frontage road. Extensive coordination with USAA, local businesses, developers and residents was required during construction due to frontage road closures.

ADOT, SR 51, BLACK MOUNTAIN BOULEVARD CMAR | PHOENIX, AZ

Assistant District Engineer responsible for delivery of the \$28M Black Mountain Blvd. freeway ramp improvement at the L101/SR 51 Traffic Interchange. Project scope included freeway ramp access to Black Mountain Blvd., City Street and intersection improvements, pedestrian bridge construction, and utility coordination. This project required extensive coordination with City of Phoenix, FHWA, adjacent community and the High School. Mr. Reddy was involved in the CMAR delivery method selection, CMAR selection, evaluated options and risks, participated in cost reviews including GMP negotiations, presented at the public open house events (approximately 12 meetings) assuring public of minimal construction impacts, and managing project during construction to avoid negative public perception.

ADOT, SR 51, I-10 TO SHEA BOULEVARD HOV LANES | PHOENIX, AZ

Project Supervisor reporting to the Senior Resident Engineer on the \$90M Design Build project to add HOV lanes on State Route 51, and construction of DHOV structures at I-10/L202 and SR51 interchange. Responsibilities included overseeing construction management and supervision of roadway widening for HOV lanes, major concrete structures, MSE walls, drainage improvements, freeway management system and landscaping.

CITY OF PEORIA, HAPPY VALLEY PARKWAY, LAKE PLEASANT PARKWAY TO SR 303L | PEORIA, AZ

Construction Support. TYLin performed final design, post design services, and construction services for the widening of Happy Valley Parkway. This consisted of 3 travel lanes in each direction for approximately 3-miles, a continuous raised median, additional turn lanes, widened intersections, bicycle lanes and an upgraded subsurface drainage system. This also included the widening of a 1,300-foot-long bridge over the Agua Fria River. During construction, TYLin was the Engineer of Record providing post design services and on-site construction oversight. TYLin provided daily construction oversight, contractor coordination, weekly construction meetings, daily log records, RFI responses, office administration, constructability reviews, scheduling, and utility coordination.

From: [ADOT Business Engagement and Compliance Office](#)
To: [Christina Sollie](#)
Cc: ContractorCompliance@azdot.gov
Subject: Bidders List for T.Y. Lin International
Date: Monday, August 26, 2024 4:55:42 PM

T.Y. Lin International, AZUTRACS Number: [11144](#) has submitted a Bidder/Proposer list for **2025-003** on 08/26/2024 at 4:55 PM MST (UTC - 07:00).

T.Y. Lin International submitted a blank bidders/proposers list. This means that they did not list any firms that they reached out to or were contacted by during the preparation of this bid/proposal. NOTE: Subbing out work is encouraged, where applicable. Under some circumstances, no subbing opportunities are available.



Engineering Consultants Section

Our True North: *Safely Home*

Katie Hobbs, Governor

Jennifer Toth, Director

Greg Byres, Deputy Director for Transportation/State Engineer

Steve Boschen, Division Director

Adam Bieniek, Group Manager

Date: August 28, 2024

TO: ALL INTERESTED PARTIES

SUBJECT: AMENDMENT NUMBER 01

REFERENCE: REQUEST FOR QUALIFICATIONS
CONTRACT NUMBER 2025-003
SUPPLEMENTAL SERVICES
PROJECT MANAGEMENT GROUP
TEMPORARY PART-TIME PROJECT DELIVERY MANAGER(S)

The following questions have been asked in reference to the above Request for Qualifications package:

Question 1: Please clarify if ADOT is only asking for the Project (Contract) Manager's resume or for resumes of all key personnel identified in the statement of qualifications (SOQ), e.g. other qualified staff discussed in our firm's responses under Relevant Experience (Evaluation Criteria 1) or Demonstrated Knowledge, Skills and Abilities (Evaluation Criteria 2)

Answer 1: Yes, ADOT is only asking for the Project (Contract) Manager's resume.

Question 2: If we are discussing qualifications of other qualified staff (not the Project/Contract Manager) in our firm's responses under Relevant Experience (Evaluation Criteria 1) or Demonstrated Knowledge, Skills and Abilities (Evaluation Criteria 2), should the "ADOT Project Involvement Disclosure Statement" form also be provided for those staff members?

Answer 2: No, Only one disclosure form for the Project (Contract) Manager is to be submitted in the SOQ.

Question 3: Can you please confirm that **only a single resume**, which is that of the Project Contract Manager, is required to be attached to the SOQ submittal?

Answer 3: Yes, ADOT is only asking for the Project (Contract) Manager's resume.

Question 4: Can you please confirm that by stating the Project Contract Manager is the only person considered as *key personnel* for this contract, that **only a single "ADOT Project Involvement Disclosure Statement"** form (page 3 of Part B of the SOQ) is required to be submitted?

Answer 4: Yes, Only one disclosure form for the Project (Contract) Manager is to be submitted in the SOQ.

Thank you,

April R Conti-Farris
April R Conti-Farris
Contract Specialist
Engineering Consultants Section

AN OFFEROR MUST ACKNOWLEDGE RECEIPT OF THIS AMENDMENT BY SIGNING BELOW AND INCLUDING ALL PAGES OF THIS AMENDMENT IN THE SOQ SUBMITTAL. FAILURE TO DO SO SHALL RESULT IN REJECTION OF THE PROPOSAL.

T.Y. Lin International

CONSULTANT NAME



SIGNATURE

* This amendment is not included in the total page count in the Statement of Qualification submittal.

CONSULTANT INFORMATION PAGES (CIP)

CONTRACT NO.: 2025-003

CONTACT PERSON: Madhu Reddy, PE, DBIA

E-MAIL ADDRESS: madhu.reddy@tylin.com

TITLE: Project (Contract) Manager

CONSULTANT FIRM: T.Y. Lin International

ADDRESS: 1475 N Scottsdale Road, Suite 450

CITY, STATE, ZIP: Scottsdale, AZ 85257

TELEPHONE: 480-968-8814

FAX NUMBER: N/A

UNIQUE ENTITY ID# (FROM SAM WEBSITE): LKVMEJWCCVG5

ADOT CERTIFIED DBE FIRM? (YES/NO) No

SUBCONSULTANT(S):	TYPE OF WORK	ADOT CERTIFIED DBE FIRM (YES/NO)
N/A - No Subconsultants		

NOTE: This page is not evaluated by the Selection Panel but is used by Engineering Consultants Section for administrative purposes.

SUBCONSULTANT(S) TABLE:

SUBCONSULTANT FIRM NAME:	N/A - No Subconsultants
CONTACT PERSON:	
E-MAIL ADDRESS:	
TITLE:	
ADDRESS:	
CITY, STATE ZIP:	
TELEPHONE:	
FAX NUMBER:	
UNIQUE ENTITY ID #:	

SUBCONSULTANT FIRM NAME:	
CONTACT PERSON:	
E-MAIL ADDRESS:	
TITLE:	
ADDRESS:	
CITY, STATE ZIP:	
TELEPHONE:	
FAX NUMBER:	
UNIQUE ENTITY ID #:	

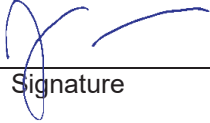
NOTE: Each Subconsultant listed in the SOQ must be included in the Subconsultant Table of the CIP. Add additional Subconsultant Table pages as necessary. The CIP is not evaluated by the Selection Panel but is used by Engineering Consultants Section for administrative purposes.

*Please confirm that each Subconsultant listed is in the eCMS database. If a Subconsultant's name is not in the eCMS database, contact ECS at E2@azdot.gov and allow two (2) business days to have the Subconsultant added to eCMS. Click [Here](#) check the eCMS database or go to ECS Website.

DBE GOAL ASSURANCE/DECLARATION

This Contract is Race Neutral (No DBE Goal-DBE use encouraged).

By signing below, and in order to submit an SOQ proposal and be considered to be awarded for this contract, in addition to all other pre-award requirement, the consultant/Proposer certifies that they will meet the established DBE goal or will make good faith efforts to meet the goal for the contract and that arrangements with certified DBEs have been made prior to SOQ and/or Cost Proposal submission. The proposer will meet the established DBE goal or will make good faith efforts to meet the goal on each Task Order assignment associated with the contract and that arrangements with certified DBEs have been made prior to SOQ and/or Task Order proposal submission.



Signature

September 5, 2024

Date

James Barr, PE

Printed Name

Vice President | Principal-in-Charge

Title

SOQ SUBMITTAL CHECKLIST

Place a check mark on the left side of the table indicating compliance with the following items. Only include the Supplemental Services Disclosure Form listed below if the form is requested in the Request for Qualifications:

✓	SOQ is within the page limit indicated in the RFQ
✓	SOQ is combined into one PDF Document no larger than 15 MB
✓	All Amendments are Included and Signed
✓	Introduction Letter (Including all required elements/statements)
✓	SOQ Proposal Formatted According to Requirements Listed in RFQ Section IV, #11.
✓	Correct SOQ Certification List (15 pt OR 9 pt) Signed and Dated by a Principal or Officer of the Firm
✓	Completed Consultant Information Pages (CIP)(Including listing DBE firms, if applicable)
✓	DBE Goal Assurance/Goal Declaration completed (located at the top of this page)
✓	All Subconsultants & Proposed Work Type listed on CIP (Including indicating DBE firms)
✓	Any Additional Required Documents (Specific to RFQ such as Resumes for all Key Personnel named)
✓	Commenting or User Rights Feature Enabled in SOQ PDF Document
✓	Supplemental Services Disclosure Form (Required for <u>Supplemental Services</u> Type Contracts ONLY)

NOTE: This page is not evaluated by the Selection Panel but is used by Engineering Consultants Section for administrative purposes.