

Business Engagement and Compliance

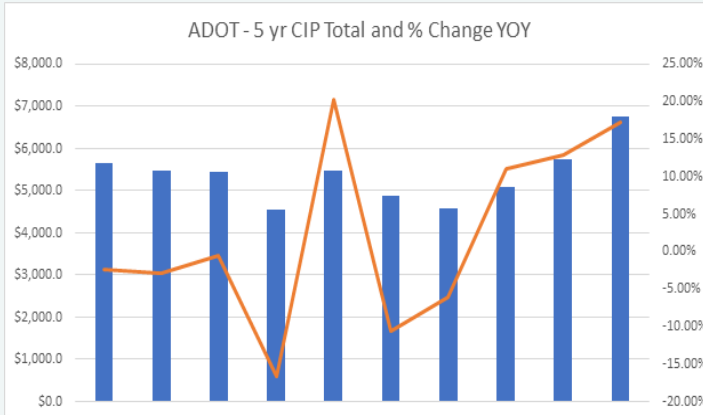
ADOT STIP Benefits from IJA

The annual State Transportation Improvement Plan shows a significant 17.32% increase in the five-year total from last year, primarily due to federal funding increases. This is the third year in a row the Arizona Department of Transportation has seen 10%+ increases in the five-year total.

Consistently the second-largest capital improvement plan in the state, this increase in funding bodes well for future transportation project opportunities for design & construction firms.

The plan and associated programs are divided into four primary operational areas:

- Highways,
- Maricopa Association of Governments' Regional Transportation Plan Freeway Program,



• Pima Association of Governments Regional Transportation Program, and

• Airport Capital Improvement Program.

Notably, the highways section is seeing the largest increase YoY, realizing nearly \$2 billion in increased funding for that section of the plan. Offsetting that increased revenue, both

MAG and PAG see declines in the five-year totals.

For comparison, in the document released in summer of 2020, MAG accounted for \$2.651 billion in funding. In 2021, the corresponding value was \$2.389 billion. PAG did have a spike in last year's funding, but otherwise follows a similar downward trend.

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ADOT Gets DoD Grant for US 95 Widening



Tap Into Valuable Research Resources



ADOT Recommends New Interchange at Interstate 10 and State Route 347

▶ **EVENTS**

▶ **OPPORTUNITIES**

▶ **EXTERNAL LINKS**



NEWLY CERTIFIED DBE FIRMS:

- A & N Family Trucking LLC
- Abel Equipment Rentals
- Bracey Consulting LLC. DBA Four Rivers Recruiting
- Elite Civil Construction LLC

ADOT STIP Benefits from IIJA (Cont'd)

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Funding Increase Primarily a Result of Federal Measures

The Department planning overview states: "Funding for Arizona's transportation needs has improved since the previous Five-Year Program, although it remains an area of concern over the long term. Growth in Highway User Revenue Fund revenues is projected to increase significantly over the term of the 2023-2027 Five Year Program, due mainly to the stronger economic recovery from the COVID-19 pandemic in FY 2021 and the addition of new revenues from the Smart and Safe Arizona Act (Proposition 207) in FY 2022 and beyond."

It continues: "In November 2021, Congress also passed a new, long-term, federal aid highway program, the Infrastructure Investment and Jobs Act, also known as the Bipartisan Infrastructure Law (BIL). BIL became law on November 15,

2021 and ADOT estimates the state will receive \$5.3B in apportionments over the period 2022 through 2026. ... (T)his represents a significant increase in funding over the previous authorization (the FAST Act). Regardless, federal aid provides the majority of funding for Arizona's transportation system and funding from BIL is the primary driver of the increase in the 2023-2027 Five Year Program."

Funding Follows Priorities of Transportation Corridors, Preservation & Maintenance

Unsurprisingly, the funding for transportation projects follows major corridors and an increased focus on preservation and maintenance of existing public assets.

As funding becomes available, projects like pavement preservation are able to increase rapidly and deliver the benefits to the public in a relatively short amount of time. Since the

federal government is providing much of the increased funding, it stands to reason that these line items would see a corresponding increase in revenue.

Some of the largest individual projects in the five-year program include:

- \$400 million: I-10 Pavement Rehabilitation – from SR 202 to SR 387;
- \$209 million: I-10 Widening, L202 (Santan) – Riggs Rd;
- \$188 million: L202, Santan – Val Vista Dr - SR 101 Price;
- \$181 million: US 60 Reconstruction – 35th Avenue/ Indian School Rd Intersection;
- \$146 million: I-40 Pavement Rehabilitation from US-93/I-40 West Kingman TI;
- \$144 million: I-10 Traffic Interchange – Country Club Rd TI;
- \$135 million: L101 Road Widening – 75th Ave - I-17;

• \$134.5 million: L101, Pima Freeway – Princess Dr. - Shea Blvd.;

• \$118 million: SR 30, Tres Rios – L303 – L202;

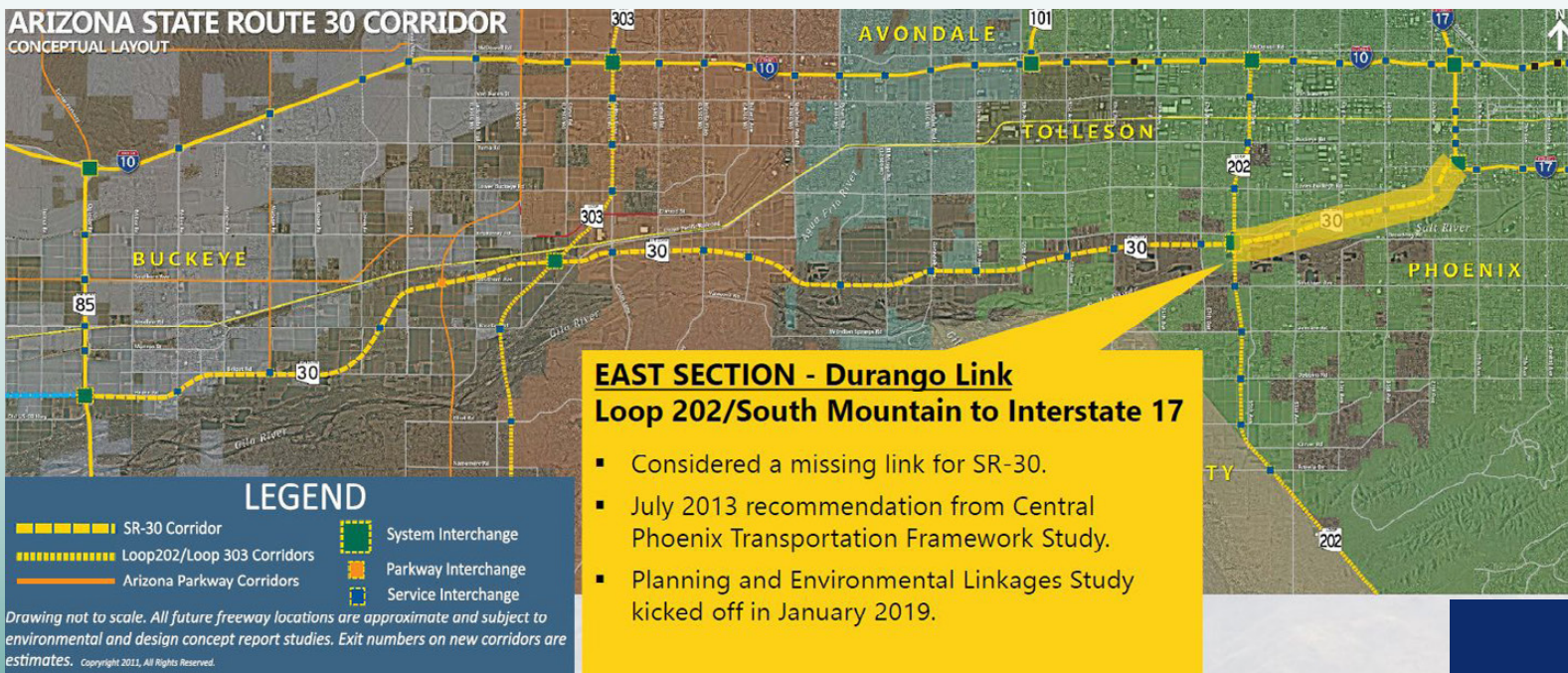
• \$110 million: I-10 Bridge Reconstruction at Gila River, and

• \$100 million: I-10, Maricopa Freeway TI, Sky Harbor West Airport Access.

NOTE: The values listed above are inclusive of all funding allocated in the five-year plan, including funding for design, construction, right-of-way and other costs.

ADOT Continues to Deliver Transportation Projects

ADOT remains one of the most important public agencies in the state, notably serving residents across all regions from the Sonoran Desert to northern mountains. The agency continues to deliver transportation projects for the benefit of residents and businesses alike. •



ADOT Gets DoD Grant for US 95 Widening

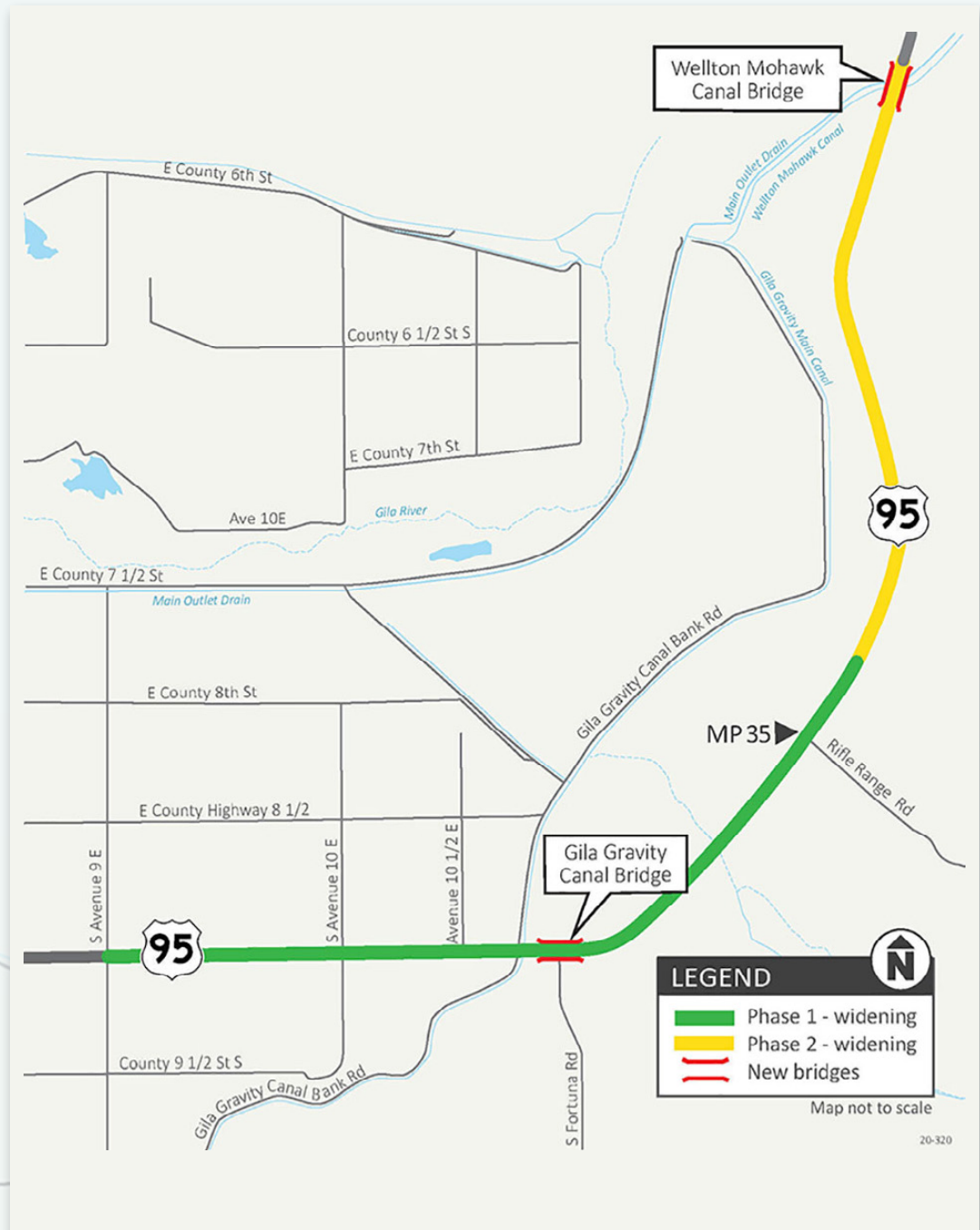
The **Arizona Department of Transportation** has been awarded a nearly \$13.3M grant that will provide funding for a wider, safer **US 95** between Yuma and the Yuma Proving Ground.

The **U.S. Department of Defense** awarded the grant funds to **ADOT** this month as part of its **Defense Community Infrastructure Pilot Program**. The grant is intended to help personnel and equipment travel to military installations more safely and reliably.

The funds will go toward widening about three miles of US 95 northeast of Yuma, from Rifle Range Road to the Wellton-Mohawk Canal bridge. The project will transform the two-lane highway into a five-lane facility, including a new bridge over the canal.

Construction is expected to begin in late 2022. However, ADOT is already underway with improvements to an adjacent segment of US 95. Work is expected to be complete by late 2022 on that project, which will widen 3.6 miles of the highway between Avenue 9E and Fortuna Wash.

ADOT split the improvements into two parts in order to minimize delays for surrounding agricultural users, as well as the adjacent urban and military areas. While the Defense Department grant is funding \$13.3M in improvements, the overall project cost is approximately \$29M. ([Source](#))



Ideas to help business professionals weather ups and downs Tap Into Valuable Research Resources

Some business owners feel like they are on an island. It is easy to become so focused on your business, clients, and employees that you forget to look up to see what is going on in the industry. What are the latest statistics and trends about the economic outlook? What factors are affecting prices, and will this season of volatility settle down? What markets are hot, and which are not?

It is important to stay apprised of industry trends that affect your business. This ADOT Newsletter is an excellent resource for local data. It is also good business to reach outside Arizona and get the pulse of national trends.

For example, the American Council of Engineering Companies in Arizona recently conducted their 71st annual Roads & Streets Conference in Tucson. The hallways were abuzz with agency personnel and consultants sharing insights and ideas about best practices and upcoming projects. People are excited to reconnect in person.

One hot topic of discussion at the national level is workforce development. Research conducted by the American Council of Engineering Companies (ACEC) Research Institute says:

1. We are facing one of the most challenging staffing shortages in decades.
2. Generational demographics are presenting significant difficulties: Gen X is a small group that is sandwiched between the Baby Boomers who are or want to be exiting the workforce and the Great Recession when many employees left the industry for good.
3. There is new competition for STEM talent in software, computers, robotics, and cyber security, which leaves a gap in engineers for the design and construction industry.
4. Career technical education programs offer non-traditional paths and provide excellent opportunities if made available at local public schools.



5. The perception of the engineering industry is not necessarily attractive: people are overworked, underappreciated, commoditized, and engineering is a high-risk business.
6. Employees are overwhelmed and are “tapping out.” Public agencies are experiencing a talent exodus, and private firms have a tired workforce that needs help.
7. There is significant churn among firms: private equity is entering the industry, there are record levels of mergers and acquisitions, and firms are constantly on the lookout for methods to improve productivity to meet demands.
8. Public funding is challenging: the “use it or lose it” budget strategy forces departments to spend money for short-sighted programs.
9. The Infrastructure Investment and Jobs Act (IIJA) is on the horizon, where there

are great needs, great demands, and great uncertainties.

Another anecdote from a National Science Foundation article by Allison Gillespie states that the U.S. ranked 25th out of 37 Organization for Economic Co-operation and Development (OECD) nations in mathematical literacy among 15-year-old students. Statistics like this make business owners tremble when they think of their future workforce.

A quick review of these research sources indicates the engineering industry is at risk to continue serving the needs of public agencies and private companies. Workforce development and the future of engineering is a major concern for many companies, and Roads & Streets attendees enjoyed a dynamic brainstorming session to develop action items that individuals and firms could do to begin to bring awareness to this sobering situation.



Tap Into Valuable Research Resources (Cont'd)

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So what? Successful business owners and professionals listen to trends that affect not only their bottom lines, but also factors that could affect their businesses in years to come. Today's business environment is challenging with inflation, material shortages and long lead times, and workforce challenges. Look for and study industry research, talk with other business leaders to understand their opinions, and attend organizational events that share insights and trends. Brainstorm activities to address challenges: do not wait for someone else to do something.

The design and construction industry has significant research resources available. Check out the following sites and be on the lookout for others. Stay abreast of trends that impact your business.

Design and Construction Industry Research Resources

- American Council of Engineering Companies – Research Institute: Home | ACEC Research Institute

- Associated General Contractors of America: AGC Education and Research Foundation | Associated General Contractors of America
- American Society of Landscape Architects: ASLA Research Reports | asla.org
- American Institute of Architects: Architectural research - AIA
- Society for Marketing Professional Services Foundation: SMPS Foundation - SMPS
- National Asphalt Pavement Association: News & Resources - National Asphalt Pavement Association
- Engineering News Record: Pulse Construction Project News | Engineering News-Record (enr.com) •

ADOT Seeks Input on Updated State Freight Plan

The Arizona Department of Transportation is seeking public input on the latest update to its State Freight Plan, which identifies future improvements to the state's transportation system that are critical to economic activity.

The plan will help ADOT ensure the state's freight system remains strong by providing an action plan to guide decisions and investments that support a safe, efficient, coordinated and reliable freight system for moving goods in and through Arizona. It serves as

the guiding document for freight-related decision making by providing an overview of historical conditions, forecasting existing and emerging trends, and outlining the state's future priorities.

The current draft of the updated plan is available for comment through Nov. 4, 2022, at azdot.gov/statefreightplan.

The plan was developed with more than 60 freight industry representatives who were

part of a Freight Advisory Committee that advised ADOT in a year-long update process. The study team prioritized needs to draft a list of projects that will address bottlenecks and fulfill plan goals of safety, mobility, competitiveness and stewardship. About \$125 million is available to Arizona through National Highway Freight Program funding.

The State Freight Plan is updated every five years, as required by federal law. ([Source](#))



Business Engagement and Compliance

ADOT/BECO Other Associations

ATTENTION TO ALL FIRMS

Need help preparing DBE Affidavits?
Please see our tutorial video below:

["Preparing DBE Affidavits"](#)



OCTOBER

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| <p>22 ACEC: 2022 Engineering Excellence and Legacy Awards Gala 6 p.m. - 10 p.m. Location: <i>Virtual Only</i></p> <p>26 AAED (3-day event): 2022 Fall Forum: Economic Development Is A Team Sport Time varies by day Location: 15406 N. Maricopa Road, Maricopa</p> <p>25 ASPE: Construction Conditions Panel Discussion 3:30 p.m. - 7 p.m. Location: 5595 E. Karsten Way, Phoenix</p> <p>26 BOMA: Allied Partners 4th Qtr Networking 3 p.m. - 5:30 p.m. Location: 3550 N. Central Ave., Ste. 500, Phoenix</p> <p>27 AZUCA Women in Infrastructure (AWIN) Happy Hour/Networking 5 p.m. - 7 p.m. Location: 4455 E. Camelback Road, Phoenix</p> | <p>27 2022 Arizona ASCE/ASHE Annual State Conference 7 a.m. - 6 p.m. Location: 4340 E. Cotton Center Blvd., Phoenix</p> <p>27 Valley Partnership October Friday Morning Breakfast 7:30 a.m. - 9 a.m. Location: 2901 E. 7th St., Phoenix</p> <p>28 PMI: Burnout Proof Your Project Management Career 7:30 a.m. - 9 a.m. Location: <i>Virtual Only</i></p> <p>28 AZUCA Arizona Chapter of NUCA Sporting Clay Shoot 2022 7:45 a.m. - 1:30 p.m. Location: 3960 N. Usery Pass Road, Mesa</p> <p>28 SACCD (2-day event): Construction Career Day Time varies by day Location: 5425 E. Broadway Blvd. #228, Tucson</p> |
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Featured Federal-Aid Projects

CURRENT OPEN SOLICITATIONS

| Due Date | Project Valuation | DBE Goal | Solicitation / Project Number | Type | Project Owner and Description | Contact |
|-------------------------|-------------------|----------|-------------------------------|---------------------|---|---|
| 10/21/22 11 a.m. MST | \$5.3 Million | 15% | T024201C; APJ-0-(217)T | IFB | ADOT - Idaho Road and Winchester Rd; Old West Highway to 6th St. Alignment, Apache Junction. The work consists of constructing a new sidewalk on 2.97 miles of highway. | Iqbal Hossain, Group Manager of Contracts & Specifications, at ihossain@azdot.gov |
| 10/25/22 2 p.m. | N/A | 7.68% | 6000001304 | IFB | City of Phoenix - 27th Avenue and Thomas Road BNSF Railroad Crossing. The work consists of providing construction services for a street improvement project including new curbs, gutters, sidewalks, ramps, and pavement restoration. | Annette Perez at annette.perez@phoenix.gov |
| 11/2/22 2 p.m. | N/A | 3.67% | 2023-008 | IFB | ADOT - Construction Engineering Services for the I-10: Ina Road Traffic Interchange to Ruthrauff Road TI and Sunset Links Road from Santa Cruz River to River Road, Pima County. The work consists of providing construction administration services for reconstructing I-10 to provide four general purpose lanes in each direction. | Engineering Consultants Section at ECSSOQ@azdot.gov |

External Links:

[ADOT Current Advertisements](#)

[ADOT Advertised Alternative Delivery Projects](#)

[ADOT Engineering Advertisements](#)

[Bidding Opportunities Around the State](#)

[ADOT Public-Private Partnership Initiatives](#)

DBE SUPPORTIVE SERVICES PROGRAM

1801 W. Jefferson St., Suite 101, Phoenix AZ

602.712.7761

DBESupportiveServices@azdot.gov

www.azdot.gov/beco

I-17, ANTHEM WAY TO JCT. SR 69 (CORDES JUNCTION)



STAY CONNECTED

For additional information and future event dates, visit our website at:
<https://www.kiewit.com/business-with-us/dbe-opportunities/i-17-anthem-way-project>

DBE participation goal established for this project:

10.16%

for Professional Services

10.88%

for Construction Work

OUR TEAM

The Kiewit-Fann Joint Venture (KFJV) is a strategic partnership between two trusted Arizona firms that have extensive experience working in rural environments, delivering highway projects. KFJV team members have an extensive history together on successful design-build and CMAR projects and have long-standing relationships with ADOT, local jurisdictions, and the community.

POTENTIAL SUBCONTRACT OPPORTUNITIES

KFJV is assembling a team to pursue the I-17 Anthem Way project. We are seeking diverse and local firms interested in professional services and construction subcontract opportunities. Scopes of work include, but not limited to:

- Construction Water
- GGL Pile Testing
- Utilities
- Permanent Barrier
- PVC / HDPE Pipe Materials
- STS Drill Bits
- Light Plants
- Deep Foundations Drill Shafts
- Tieback / Rock Anchors Shoring
- Fence and Handrail
- Powerline Install and ROW
- Sign Drilled Shafts
- Potholing
- Sound wall footing
- Furnish & Install Precast Girders
- Bearing Pad Testing
- Traffic Control

TAKE THE FIRST STEPS

Head to <https://www.kiewit.com/business-with-us/opportunities/i-17-anthem-way-project/> to complete the Subcontractor Questionnaire and create an account with Building Connected.

QUESTIONS? CONTACT US!

Contact us to learn about anticipated subcontract opportunities on the I-17 Anthem Way project at Flex.Outreach@kiewit.com.

KFJV is committed to meeting or exceeding stated project participation requirements upon award of ongoing and upcoming Arizona Department of Transportation projects; assisting interested DBEs in obtaining bonding, lines of credit or insurance; providing interested DBEs information related to the plans, specifications and requirements for work to be subcontracted or supplied by these DBEs; assisting interested DBEs in obtaining necessary equipment, supplies, materials or related assistance or services; sub-dividing bid items into economically feasible work units to DBEs every advantage to quoting the project.

KFJV is an Equal Opportunity Employer.