



Maryland Transportation Authority's

Key Bridge Rebuild

I-695/MD 695 over the Patapsco River/
Baltimore Harbor

November 19, 2024 ● 1:00 PM (EST)



**Governor's Minority & Small
Business Outreach Summit**

Hosted by:



Partner:



AGENDA

- Welcome Remarks
- Kiewit Company Overview
- Project Overview
- **Immediate Bid Opportunities: Early Works**
- Future Bid Opportunities
- Bid Submittal Instructions
- Working with Kiewit
- Commitment to Diversity
- Questions and Answers



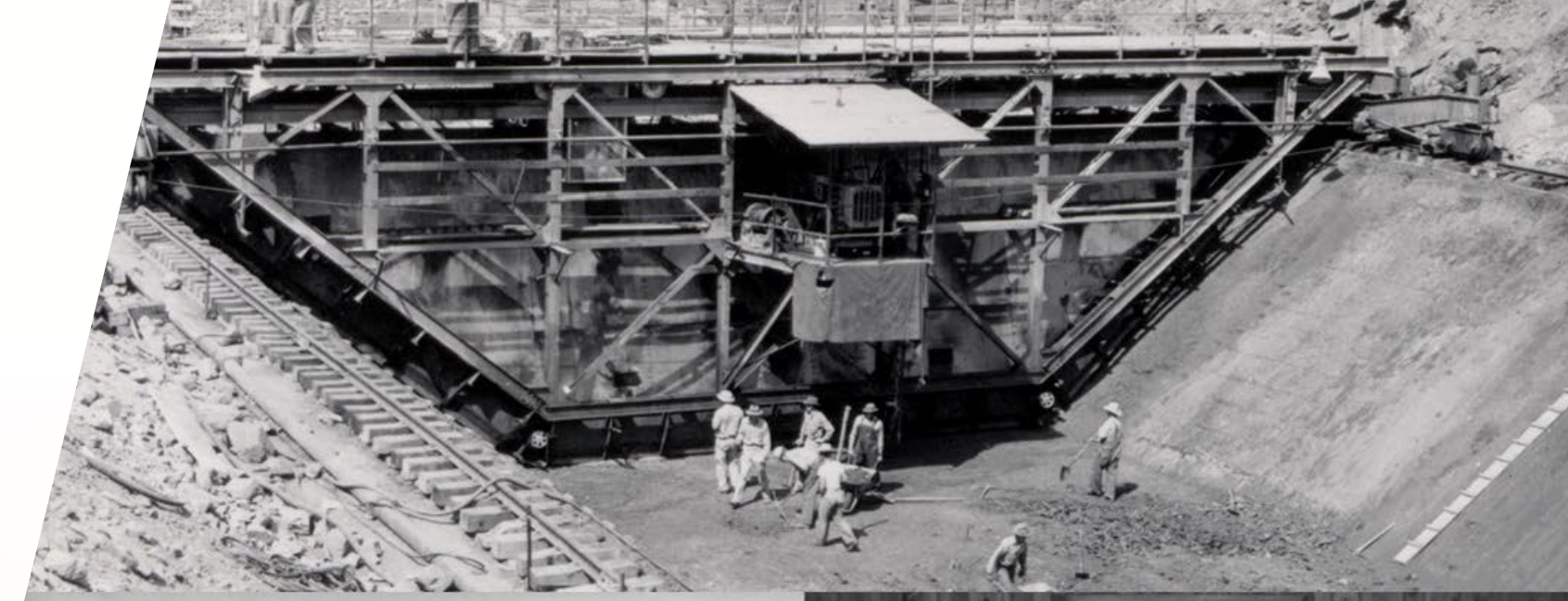
KIEWIT COMPANY OVERVIEW

- **\$17.1 BILLION EARNED REVENUE IN 2023**
Largest Transportation Contractor in North America
- **FORTUNE 500 COMPANY FOR 20+ YEARS**
- **31,100 CRAFT AND STAFF EMPLOYEES**

ENR
Engineering News-Record
2024 Rankings

#1 Domestic Heavy Civil Contractor
#1 Transportation Contractor
#2 Overall Contractor

➤ **FOUNDED IN 1884, KIEWIT OFFERS SERVICES IN A VARIETY OF MARKETS.**



KIEWIT CORE VALUES



WE REGARD PEOPLE AS OUR MOST VALUED RESOURCE

- Safety
- Dignity and Respect
- Inclusion
- Collaboration

WE HONOR OUR COMMITMENTS

- Fairness
- Transparency
- Accountability
- Honesty

WE PURSUE QUALITY WITHOUT COMPROMISE

- Innovation
- Creativity
- Competition
- Continuous Improvement

WE INVEST WHERE WE WORK AND LIVE

- Sustainability
- Community Partnership
- Mentorship
- Responsibility



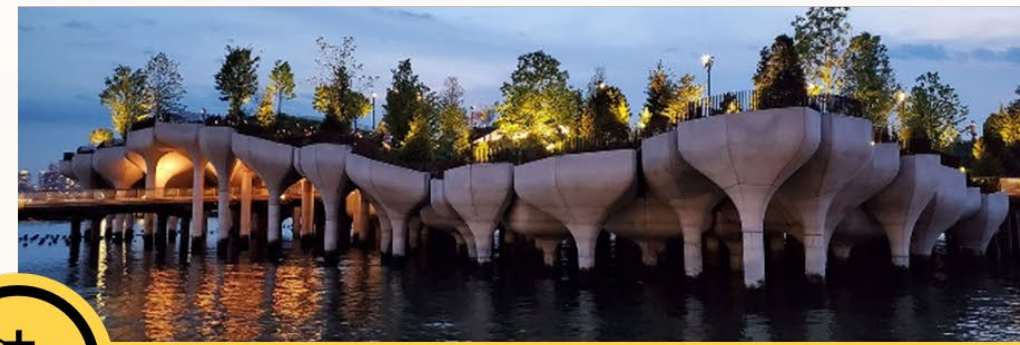
Kiewit Office Locations and Markets



 **BUILDING**



 **INDUSTRIAL**



 **MARINE**



 **MINING**



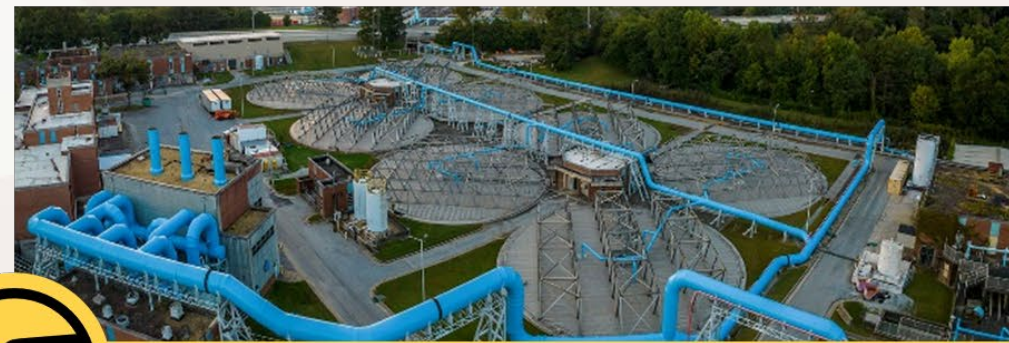
 **OIL, GAS & CHEMICAL**



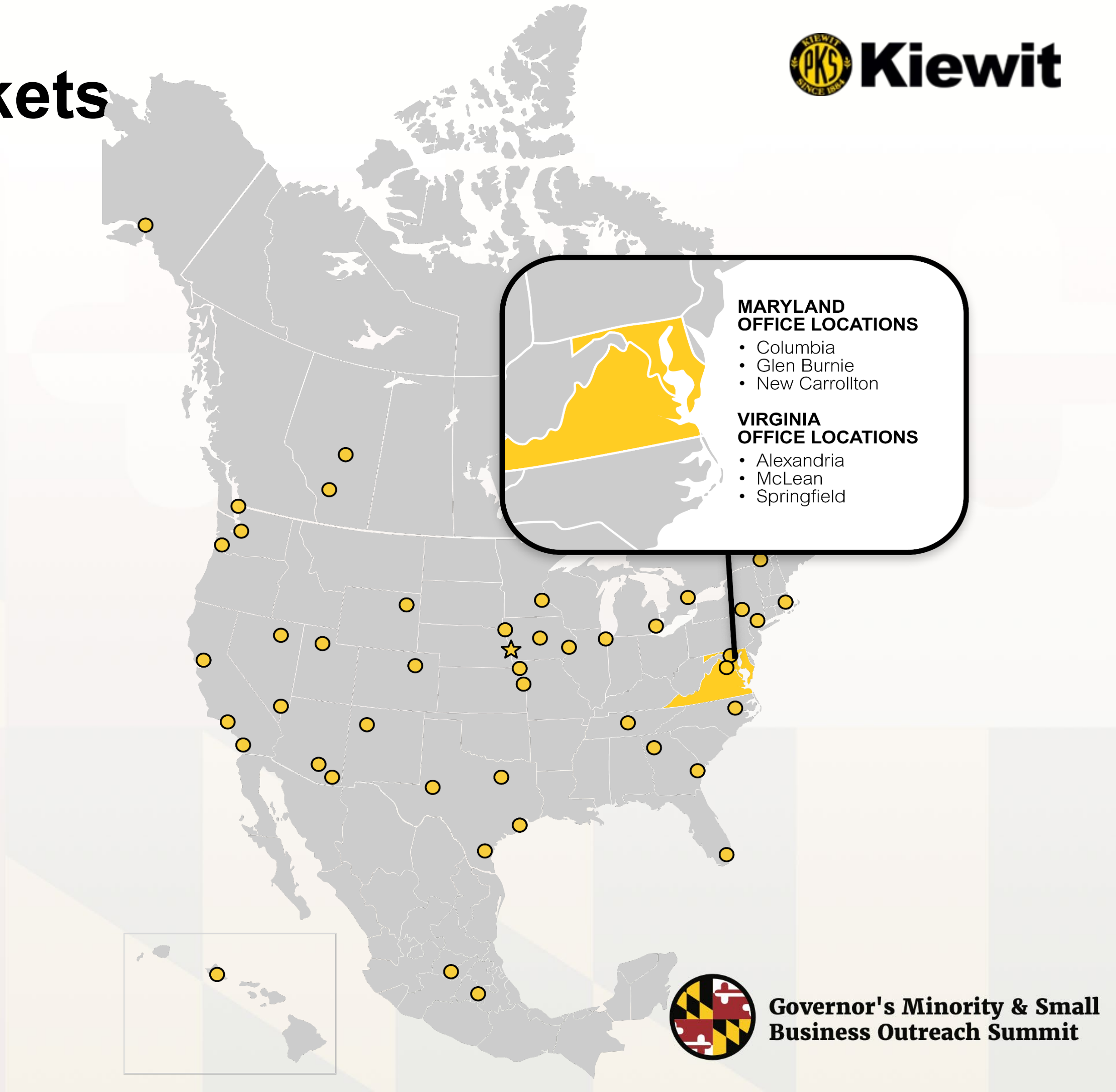
 **POWER**



 **TRANSPORTATION**



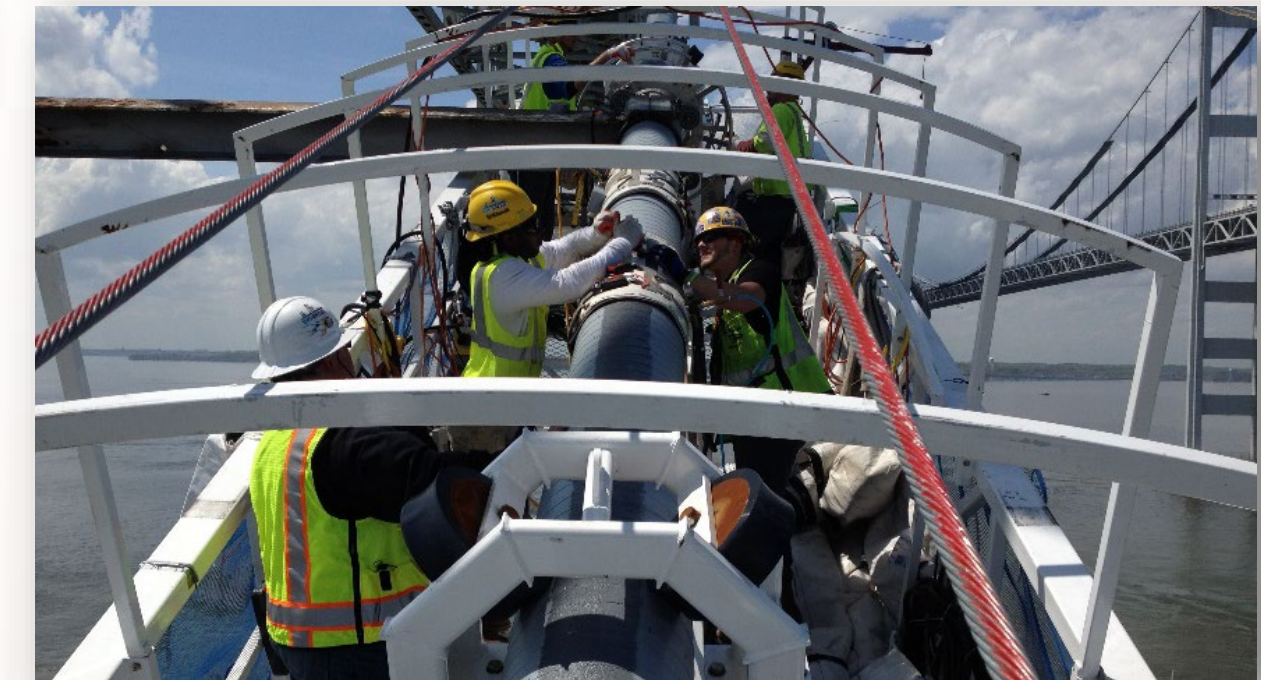
 **WATER / WASTEWATER**



KIEWIT IN BALTIMORE

Kiewit has been a Baltimore-Area Contractor for over 50 Years

- Amtrak Frederick Douglass Memorial Tunnel - Package A (Ongoing)
- Ellicott City North Tunnel, Howard County (Ongoing)
- University of Maryland NextGEN (Ongoing)
- Chesapeake Bay Bridges
- The Historic Arlington Memorial Bridge
- WMATA Yellow Line Tunnel and Bridge Repairs & Multiple other WMATA, DC & DMV Area Projects
- BWI Airport Pier A Extension
- Baltimore Phoenix Shot Tower Tunnel
- Fort McHenry Tunnel



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Key Bridge Rebuild

Project Overview



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PROJECT DESCRIPTION

The purpose of the Key Bridge Rebuild (I-695/MD 695 over the Patapsco River/Baltimore Harbor) Design-Build Project is to reconstruct the Francis Scott Key Bridge that collapsed after a vessel strike on March 26, 2024.

The Project will be delivered via the Progressive Design-Build delivery method with anticipated scope to include the construction of a new bridge, along with work necessary to tie the new bridge into the existing infrastructure.

- The Project is advancing in two phases: Phase 1 – Project Development services and Phase 2 – Project Delivery services.
- The comprehensive Phase 1 scope is currently being developed by Kiewit, MDTA, and Subconsultants.
- Construction is targeted for completion by Late 2028.



PROJECT DETAILS: KEY BRIDGE REBUILD

Project Details	
Project Owner:	Maryland Transportation Authority
Est. Project Value:	\$1.7 – 1.9 Billion
Delivery Model:	Progressive Design Build
Lead Designer:	Kiewit Engineering Group, Inc.
Lead Contractor:	Kiewit Infrastructure Co.



UNDERSTANDING PROGRESSIVE DESIGN BUILD DELIVERY PHASES

One contract with 2 phases:

- 1) Phase 1: Project Development (Pre-construction and design - anywhere from 0% - 50%)
- 2) Phase 2: Project Delivery (Construction, GMP anticipated at 50% design)

Phase 1 – Project Development

Phase 1 Work typically includes completing the Final Design Documents and providing recommendations regarding constructability, risk allocation, cost, and schedule, and preparation and submittal to the Agency of a Phase 2 Proposal for the Phase 2 Work.

Other Phase 1 areas of focus may include:

- Recommendations for Early Works Packages
- Subcontracting plan development
- Coordination with Third Parties
- Interface coordination; community outreach

Phase 2 – Project Delivery

Phase 2 Work typically includes the provision of recommendations to the Agency on the planning, design, and proposed construction of the Project as they apply to the Final Design Documents

Other Phase 2 areas of focus may include:

- Site preparation work
- Procurement of materials and equipment
- Interface coordination
- Continued coordination with Third Parties, implementation of subcontracting plan; community outreach Construction of all elements of the Project
- Warranty services



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FRANCIS SCOTT KEY BRIDGE DETAILS

- The Francis Scott Key Bridge (FSK) was a 1.7-mile-long bridge on I-695/MD 695 spanning the navigable Patapsco River providing a critical connection to the Port of Baltimore.
- I-695/MD 695 is a fully access controlled highway, forming the southeastern section of the beltway loop around Baltimore City.
- FSK was a divided four-lane typical section with two lanes in each direction and was on the National Highway System (NHS).
- Pier 17 was one of the four supports of the continuous through truss spans of the FSK bridge



SUMMARY OF MDTA's PROJECT GOALS



Collaboration



Achieve a collaborative and integrated partnership between all project team members with local communities and stakeholders

Schedule



Goal of opening all lanes to vehicular traffic no later than October 15, 2028

Safety



Provide a safe and secure project throughout Phase 1 and Phase 2, with zero fatalities or serious injuries to workers

Quality



Deliver a resilient and aesthetically pleasing bridge exceeding the 75-year service life requirements

Cost



Transparency in cost estimating and negotiation and delivery at or below the negotiated budgets

Aesthetics



Visually attractive structure that minimizes the number of piers in the Patapsco River



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DBE PARTICIPATION GOALS

Kiewit is committed to meeting or exceeding the 26% Disadvantaged Business Enterprise (DBE) goal established for this project.



For more information regarding MDOT DBE certifications, visit: [MBE/DBE/ACDBE/SBE Certification - MDOT \(maryland.gov\)](https://www.mdot.gov/MBE/DBE/ACDBE/SBE-Certification)



Contact MDOT's Office of Minority Business Enterprise (OMBE) with questions at: (410) 865-1269 or mbe@mdot.maryland.gov

For participation to count toward the goal, firms must be certified by MDOT as a Maryland DBE.





Immediate Bid Opportunities

Early Works RFPs



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EARLY WORKS BID OPPORTUNITIES



BRIDGE DEMOLITION

Early Works RFP	Scope Packages	NAICS Codes	BID DUE DATE	Contract Type
EWP-01: Bridge Demolition	Marine Demo: <ul style="list-style-type: none"> • Barge Survey • Blasting Demolition • Concrete Wire Saw Cutting • Crane Rental • Crew Boats • Disposal (Concrete, Steel, C&D) • Divers • Dredging • Environmental • Fabricated Falsework • Janitorial Services • Land Survey • Lumber • Manlift Rental • Marine Survey • Miscellaneous Access • Office Trailers • Porta Potties • Rigging • Security Company • Tug Boats • Vac Truck 	541990 238910 238910 532412 532411, 483114 238910 561990 237990 334513 332312 561720 541370 321113, 321912 333923 541360 238990 532490 562991 332618 561612 488330 532412, 423810	BIDS DUE 11/27/24 <i>(Subject to change)</i>	Subcontract and Supplier



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EARLY WORKS BID OPPORTUNITIES



BRIDGE DEMOLITION

Early Works RFP	Scope Packages	NAICS Codes	Bid Due Date	Contract Type
EWP-01: Bridge Demolition	Demolition Material Disposal <ul style="list-style-type: none">• Concrete Disposal• Steel Recycling	562119 562119	11/27/2024 <i>(Subject to change)</i>	Subcontract

Scope details and contact information will be provided in BuildingConnected upon RFP release.



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EARLY WORKS BID OPPORTUNITIES



TEST PILE PROCUREMENT

Early Works RFP	Scope Packages	NAICS Codes	Bid Due Date	Contract Type
WO-09: Test Pile Procurement	<ul style="list-style-type: none">• Pile Material• Load Test Frame Furnish and Fabricate	331110, 237990, 331221	11/22/24 <i>(Subject to change)</i>	Supplier

Scope details and contact information will be provided in BuildingConnected upon RFP release.



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EARLY WORKS BID OPPORTUNITIES



TEST PILE INSTALLATION

Early Works RFP	Scope Packages	NAICS Codes	Bid Due Date	Contract Type
WO-10: Test Pile Installation	<ul style="list-style-type: none">• Welders• Marine Support• Load Test Monitoring: Geotechnical Consultant	238190 488330 541380	11/22/24 <i>(Subject to change)</i>	Subcontract

Scope details and contact information will be provided in BuildingConnected upon RFP release.



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EARLY WORKS BID OPPORTUNITIES



TRESTLE INSTALLATION

Early Works RFP	Scope Packages	NAICS Codes	Bid Due Date	Contract Type
EWP-02: Trestle Installation	<ul style="list-style-type: none">• Trestle Pile• Trestle Steel Fabrication• Crane Mat Supply and Installation	331110, 237990 331221, 331110	12/5/2024 <i>(Subject to change)</i>	Supplier

Scope details and contact information will be provided in BuildingConnected upon RFP release.



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EARLY WORKS BID OPPORTUNITIES



TRESTLE INSTALLATION

Early Works RFP	Scope Packages	NAICS Codes	Bid Due Date	Contract Type
EWP-02: Trestle Installation	<ul style="list-style-type: none">• Welders• Boat Support• Trucking• Staging area	238190 488330 562119	12/5/2024 <i>(Subject to change)</i>	Subcontract

Scope details and contact information will be provided in BuildingConnected upon RFP release.



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Future Bid Opportunities



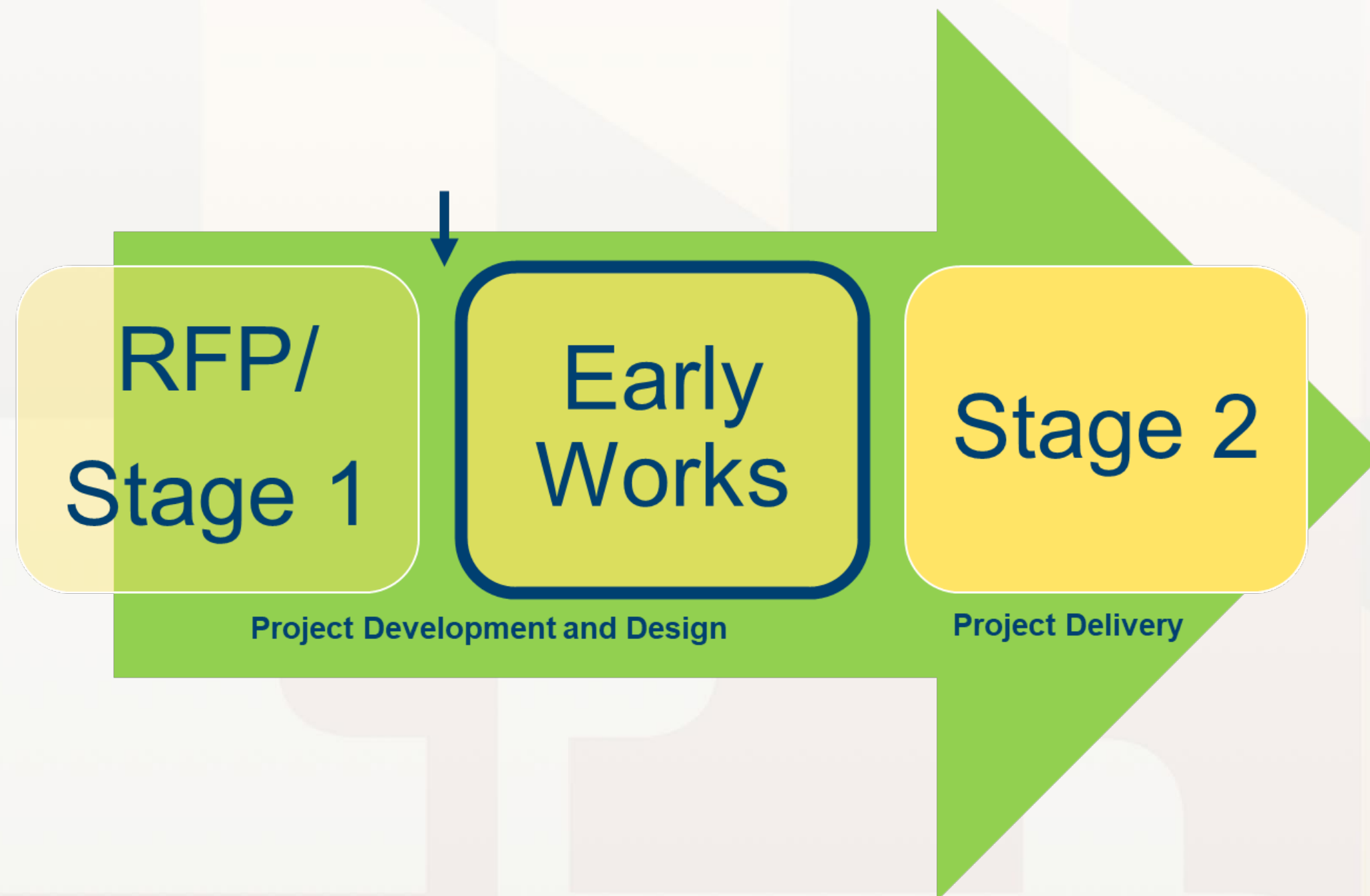
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STAY TUNED FOR FUTURE BID OPPORTUNITIES



During this early stage of the project, Kiewit is seeking to engage local, small, and diverse firms whose services align with Early Works scope.

We are also working to identify firms interested in exploring future participation opportunities for the duration of the project.



ADDITIONAL OPPORTUNITIES WILL BE COMMUNICATED AS THE PROJECT PROGRESSES.

Information on future events will be shared via email, B2G, and our project website. Join our project database to ensure you are notified about opportunities to connect!



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FUTURE BID OPPORTUNITIES

Anticipated scopes include (but are not limited to):

- Administration Support/Document Control
- Asphalt Milling, Supply and Paving
- Barrier Wall
- Bridge Drainage
- Deck Overlays
- Demolition/Disposal of Materials
- Design
- Fencing
- Flatwork
- Grinding/Grooving
- Guardrail
- Lighting
- Maintenance of Traffic
- Marine Support
- Material Supply (Steel, Concrete Girders, Aggregates, Borrow, Specialty Materials)
- Misc. Concrete Work (Retaining Walls)
- Painting
- Reinforcing Steel Supply and Install
- Roadway Civil and Drainage
- Signage
- Steel Erection
- Striping
- Tow Truck/Emergency Response
- Trucking





Accessing Bid Opportunities

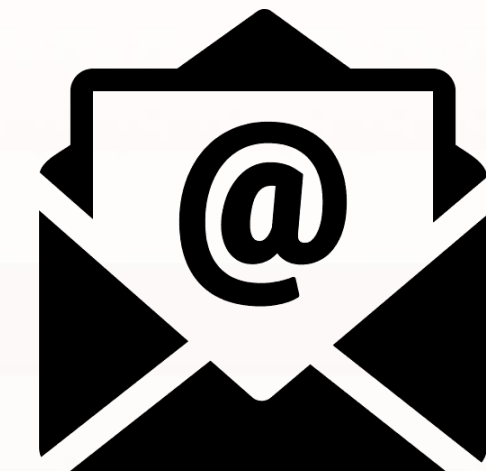


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SOLICITATION COMMUNICATIONS



- Notification via B2gNow to targeted NAICS codes in certified database
- Bid invitations and communications issued via BuildingConnected
- Direct email to project mailing list & scope specific bidders list
- Notification to community organizations
- Announcement on website



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ACCESSING BID OPPORTUNITIES

1 Complete our [Subcontractor Questionnaire](#) to provide your capabilities and bidding interests.

After your company information has been received through our Subcontractor Questionnaire, you will be added to our project database.

2 After completing the Subcontractor Questionnaire, create an account with BuildingConnected at: app.buildingconnected.com/create-account

Kiewit utilizes BuildingConnected for bidder communications regarding plans/specs/addenda distribution.

3

RESPONDING TO A *CURRENT* BID OPPORTUNITY?

To access scope specific bid documents and project information:

Email RebuildKeyBridge@Kiewit.com to request an invitation to the scope package(s) you are interested in bidding.

Once Kiewit has received your emailed request, you will receive an invitation to bid via BuildingConnected as bid packages become available.

INTERESTED IN *FUTURE* BID OPPORTUNITIES?

Stay Tuned! We are working to identify firms interested in exploring future participation opportunities for the duration of the project.

Additional opportunities will be communicated as the project progresses.

Kiewit utilizes BuildingConnected for bidder communications regarding plans/specs/addenda distribution.



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Working with Kiewit



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WHAT DOES IT TAKE TO WORK WITH US?

We evaluate companies on different criteria based on specific project requirements. This may include, but is not limited to:

- Safety performance
- Proven quality
- Certification
- Insurance and bonding capability
- On-time performance
- Years in business
- Reputation
- Past performance with Kiewit or Client
- Value-added products or services



SAFETY REQUIREMENTS

We take seriously our responsibility to keep each other and the public safe on our jobs. Our commitment to safety is demonstrated by:

- Craft and staff collaboration to lead safety efforts on our projects.
- Site-specific orientations and trainings to prepare all team members for the work.
- Hazard analysis requirement before any operation can begin and safety meeting with foremen and crews at start of each shift.
- Project safety inspection tours and assessments to identify areas for improvement and best practices.



DIVERSITY AND NONDISCRIMINATION

Rooted by our corporate core values, Kiewit is committed to inclusive employment and business practices that reflect equity, respect, and accountability.

- Respectful behavior extends to everyone in the company, as well as prospective employees, subcontractors, vendors and clients.
- We believe in an inclusive environment and community.



➤ **KIEWIT HAS ZERO TOLERANCE FOR DISCRIMINATION OR HARASSMENT.**

Resources and Assistance



RESOURCES AND ASSISTANCE



KEY BRIDGE REBUILD PROJECT MARYLAND TRANSPORTATION AUTHORITY

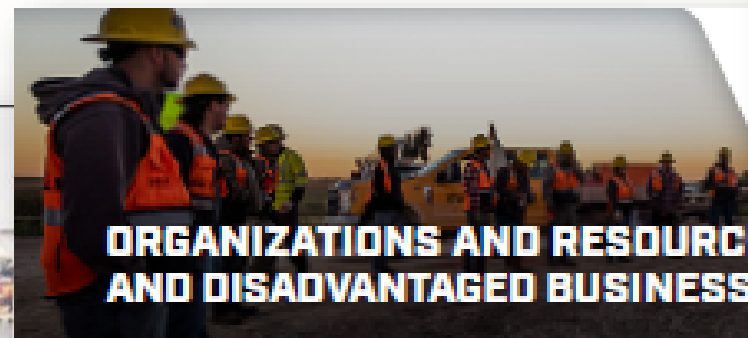
Kiewit is providing Progressive Design-Build Services for the delivery of the Maryland Transportation Authority's (MDTA) Key Bridge Rebuild Project.

We are actively seeking to engage local, small, and diverse firms interested in professional services, construction, and supplier opportunities on the Project.

KIEWIT BELIEVES IN INVESTING IN THE COMMUNITIES WHERE WE WORK AND LIVE.

As a company, we are committed to leveraging our projects to advance equity through increased connectivity, mobility, and opportunity.

Key Bridge Rebuild Project



Kiewit is committed to providing resources, information, and support to local, small, and diverse businesses seeking opportunities to participate on the Project.

For more information, click desired organization's title to visit its website.

FEDERAL

- U.S. Department of Commerce, Minority Business Development Agency (MBDA)
- U.S. Department of Transportation (U.S. DOT)
- U.S. Department of Veterans Affairs (VA)
- U.S. Small Business Administration (SBA)
- Veterans Business Development Programs (VBDP)
- Conference of Minority Business Officials (COMBO)
- Conference of Minority Business Officials (COMBO) Roads
- DC Building Industry Association (DCBIA)
- DC Chamber of Commerce
- DC Department of Business and Economic Development
- DC Procurement Assistance Center
- DC Women's Business Center

LOCAL/REGIONAL

- Asian American Chamber of Commerce
- Associated Builders and Constructors (ABC) Baltimore
- Associated Builders and Constructors (ABC) Virginia
- Associated Builders and Constructors (ABC) Metro Washington
- Capital Region Minority Supplier Development Council (CRMSDC)
- Conference of Minority Transportation Officials (COMTO) DC Chapter
- Maryland Black Caucus
- Maryland Black Caucus
- Maryland Department of Commerce
- Md. Washington Association (MWA)
- Minority Business Agency (MBDA) Center - MD
- Minority Business Agency (MBDA)



Kiewit is committed to meeting or exceeding the business inclusion goals established for the project. We will maximize opportunities for local small and diverse firms through: dividing work into economically feasible packages to ensure equitable and meaningful participation; providing timely notification of opportunities through various outreach methods; and partnering with industry and community assist agencies to provide support and resources to firms seeking assistance.

Kiewit is an Equal Opportunity Employer.

VIRTUAL TECHNICAL ASSISTANCE HUB

RESOURCES TO HELP YOU GET "BID-READY!"

Click on topics below to access resources and training!

ACCOUNTING

- Article: Construction Accounting 101 (Foundation Software)
- Template: Balance Sheet Sample (LouisianaSBDC)
- Template: Income Statement Sample (LouisianaSBDC)
- Webinar: 7 Best Tax Write-Offs for Small Business & Self Employed to Cut Your Taxes (FedAccess)
- Webinar: Small Business Tax Workshop Series (IRS)

ALTERNATIVE DELIVERY

- Article: The Emergence of Progressive Design Build (DBIA)
- PDF: Primer Progressive Design Build (DBIA)

BACK TO BASICS

- PDF: Business Plan Template (SCORE)
- PDF: Guidelines for Business Plan Submissions (ST. Bernard)
- Webinar: Developing Your Marketing Plan (SCORE)
- Webinar: Registering New Entities for Government Contracts (SAM)

- Website: NAICS & SIC Identification Tools (USMCA)

- Website: North American Industry Classification System NAICS (Census)
- Webinar: 10 steps to start your business - Small Businesses Administration (SBA)

BONDING

- Article: Surety Bonds for Small Business (Forbes)
- PDF: AGC Surety Claims Guide (AGC)
- PDF: How to Obtain Surety Bonds (SIO)
- PDF: The Importance of Surety Bonds In Construction (SIO)
- Webinar: SBA Surety Bonds for Small

- Website: Surety bonds (SBA)

BUSINESS DEVELOPMENT

- Article: How to Write a Capability Statement: Guide & Sample for Contractors (Foundation Software)
- Webinar: Find Government Contracts to Bid On (SAM)
- Webinar: Find Your Target Customers (FedAccess)
- Webinar: How to Write a Proposal to the Government Step-by-Step (FedAccess)
- Webinar: How to Write a Winning Capability Statement (FedAccess)

- Webinar: System for Award Management Tips for Registering (SAM)
- Webinar: The 4 Stages of Winning (and Getting Paid for) a Government Contract (FedAccess)
- Webinar: Your 1st Government Contract (FedAccess)

CERTIFICATION

- PDF: DBE Application Tripwires (USDOT)
- Webinar: Federal Government Certifications for Small Business Owners (FedAccess)
- Website: Business Certifications (LouisianaSBDC)

CONTRACTS

- Article: Contract Review Reminders (CE)
- Webinar: Contract Types Simplified: Fixed-Price, Time-and-Materials, and Cost-Plus (FedAccess)
- Webinar: How to Read a Federal Government Solicitation for a Contract RFP/RFQ (FedAccess)
- Webinar: Which Parts of the Federal Acquisition Regulation Matter? (FedAccess)

EMERGING TECHNOLOGY

- Article: The Future and Limitations of

- Article: Use Technology to Create an Inclusive and Effective Culture (CE)
- Website: Best Practices for IT & Cybersecurity (LouisianaSBDC)

ESTIMATING

- Webinar: Price to Win and Price to Profit (FedAccess)
- Webinar: Construction Cost Estimating (ConstructIQ)

HR BEST PRACTICES

- Article: Best Small Business Health Insurance Providers & Plans (eHealth)
- Article: Diversity in Construction Seven Tips for Successful DEI Programs (CE)
- Article: Do Small Businesses Need Workers Compensation Insurance? (eHealth)
- Article: Employee Benefits (AIA)
- Article: The Complete Guide To Human Resources For Small Business (When I Work)
- Article: What is the Average Cost of Small Business Health Insurance? (eHealth)
- Webinar: Employee Recruitment and Retention Overview (SBA)
- Webinar: HR Best Practices and Laws to Consider (ROUTE)

INSURANCE

- Webinar: Contractor's Insurance Programs (Norcal PTAC)

OCIP

- Article: Construction Wrap Up Insurance Programs (CE)
- Article: OCIP And CCIP Insurance Overview (CE)

PREVAILING WAGE

- PDF: Prevailing Wage Seminar (DOL)
- Webinar: Completing a Certified Payroll Report (Power Summit)

- Webinar: Federal Prevailing Wage (DBE Advantage)
- Webinar: Prevailing Wage Requirements for Construction Contracts (Caltrans)

PROJECT LABOR AGREEMENTS

- PDF: What is a Project Labor Agreement? (Construction Academy)
- Webinar: Minimum Wage Requirements (USDOL)

QUALITY

- PDF: Design Development Quality Management Phase Checklist (AIA)

RISK MANAGEMENT

- Article: Manage the Top Three Risks Contractors Face Today (CE)
- Article: Risk Management (AIA)
- Webinar: Managing Risk in High-Hazard Sectors (WorkSafeBC)

SAFETY

- Article: Safety Plan Template (OSHA)
- Article: Toolbox Talks Safety Meetings (OSHA)
- PDF: Roadway Safety Awareness Program (USDOT)
- PDF: Safety Training Requirements (OSHA)
- PDF: Small Business Safety and Health Handbook (OSHA)
- Webinar: Construction Safety (OSHA)
- Webinar: Safety in Construction Fall Hazards (Alison)
- Webinar: The Intersection of Culture, Safety and Total Human Health (ABC TURNER)

TEAMING

- Webinar: How to Set Up Your Profile (FedAccess)
- Why Diversity is the Key to Modern Business Success (WBENC)



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Questions and Answers



WE'RE BUILDING MORE THAN INFRASTRUCTURE

Kiewit maximizes opportunities for local DBE firms through:

- Dividing work into economically feasible packages for equitable and meaningful participation
- Actively seeking out diverse businesses that bring value to our projects
- Building upon subcontractor relationships to foster long-term partnerships
- Fostering development and growth of existing and potential diverse business partners
- Partnering with community and industry organizations focused on supporting small and diverse businesses



EQUITY • INCLUSION • OPPORTUNITY • GROWTH

GET CONNECTED. STAY CONNECTED.



RebuildKeyBridge@Kiewit.com



Visit our Subcontractor Portal at:
[I.lead.me/Kiewit-KeyBridgeRebuild](https://lead.me/Kiewit-KeyBridgeRebuild)

**For general information about the project, visit:
<https://keybridgerebuild.com/>**



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Thank you for joining us!



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