### KAYSINGER BASIN BRIDGE BUNDLE **Project Purpose**

The Kaysinger Basin Bridge Bundle will replace or rehabilitate up to 25 poor condition bridges in southwest Missouri and bring them up to current standards. The majority of these bridges are on roads with less than 1,000 vehicles per day, though some carry a much higher traffic volume. These bridges connect and serve the communities and citizens of rural southwest Missouri. On average, these bridges have been in place for 70 years. One bridge in Vernon County reached the 100 year mark in 2021.

### **Project Goals**

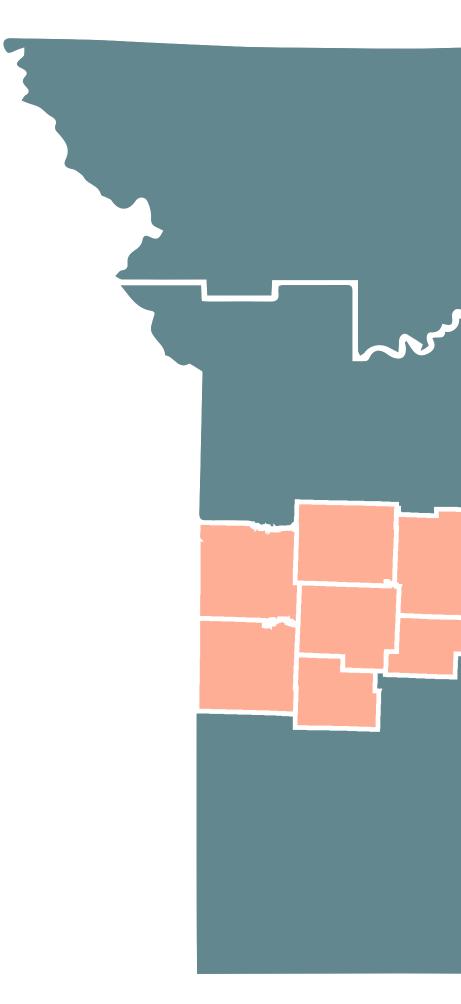
- 1. Safely deliver the project within the programmed budget of \$38 million.
- 2. Maximize the number of locations to be addressed while providing quality, low maintenance structures and roadway approaches.
- 3. Minimize impacts to the public through diligent construction efforts, flexibility in scheduling, and proactive communication.
- 4. Deliver the project utilizing a diverse work force.
- 5. Complete the project on or before November 15, 2027.



**Project Contact:** Kaysinger Basin Bridge Bundle c/o MoDOT Southwest District 3025 East Kearney St., Springfield, MO 65803 Email: swcr@modot.mo.gov Phone: 888-ASK-MoDOT (888-275-6636)

#### Counties

- •Bates
- •Benton
- •Cedar
- •Henry



- •Hickory •St. Clair •Vernon





# KAYSINGER BASIN BRIDGE BUNDLE Schedule

Construction is anticipated to start in the summer of 2025. All construction activity is scheduled to be completed by November 2027.

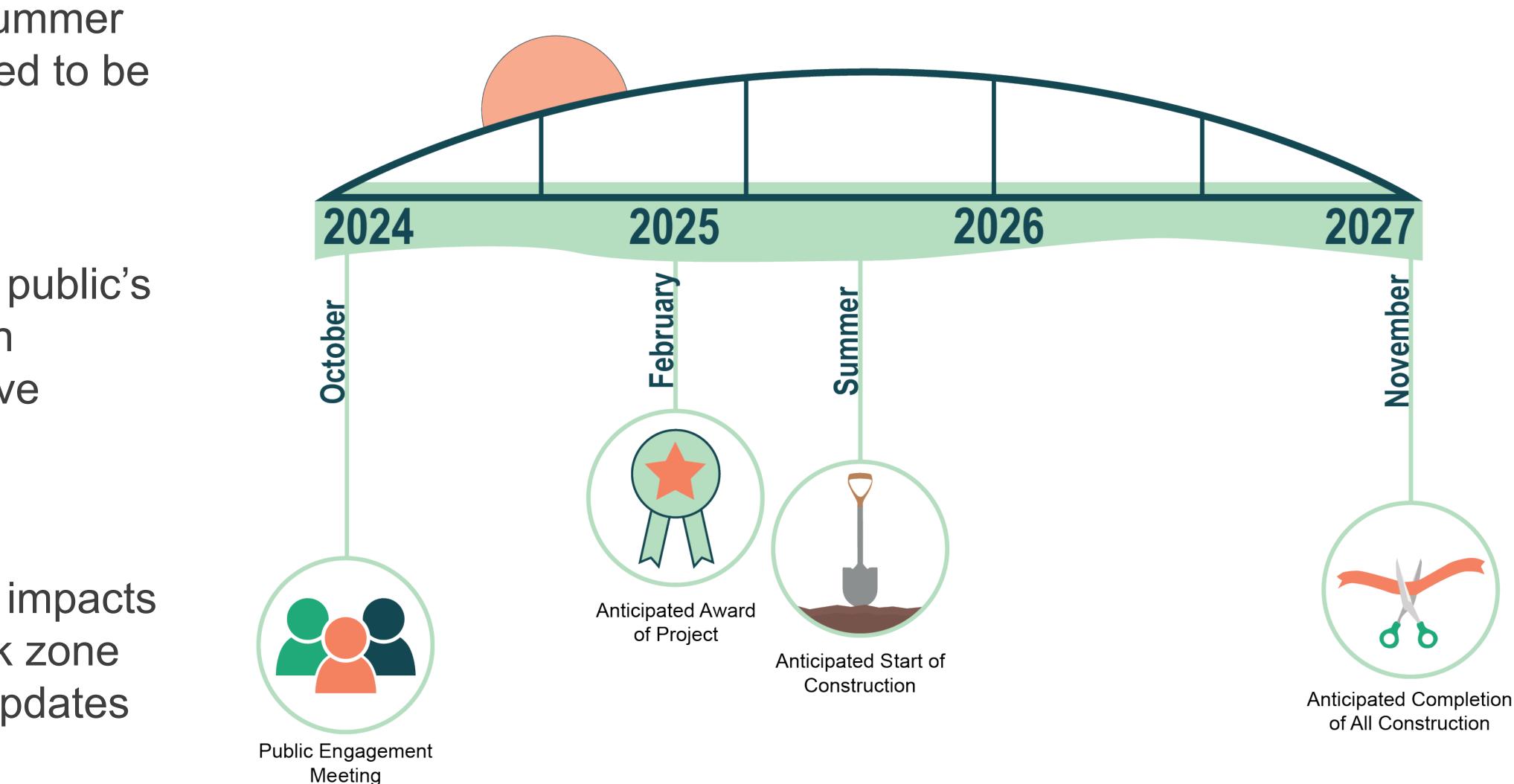
#### Traffic Impacts

Project goal #3 is to minimize the traveling public's inconvenience through diligent construction efforts, flexibility in scheduling, and proactive communication.

MoDOT will work with the selected team to communicate with the public and minimize impacts to traffic during the project. Travel and work zone updates will be provided with MoDOT's eUpdates and text alerts.



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# **KAYSINGER BASIN BRIDGE BUNDLE** Frequently Asked Questions (FAQ's)

- Q. How will you maintain traffic and access to my property or business during construction?
  - A. Bridges are expected to be closed while they are under construction, however access to adjacent properties will be maintained throughout that time. Some bridges in this project may be near other improvements on state-maintained highways. Should the need arise, the contractors will coordinate to minimize traffic conflicts and restrictions to properties.
- Q. Will construction interfere with emergency vehicle access?
  - A. Emergency vehicles will have access to all adjacent properties while each bridge location is under construction. Since the bridges will be closed and inaccessible while work is performed, the contractor will notify and coordinate with emergency services during the construction period.
- Q. Will traffic be detoured during construction of the project?
  - A. All bridges are expected to be closed while under construction. Of the 25 total bridges in the project, 15 have high enough traffic volumes to require signed detours.



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Q. When will construction begin?



A. Construction is anticipated to start in the summer of 2025. All construction activity is expected to be completed by November 15, 2027.

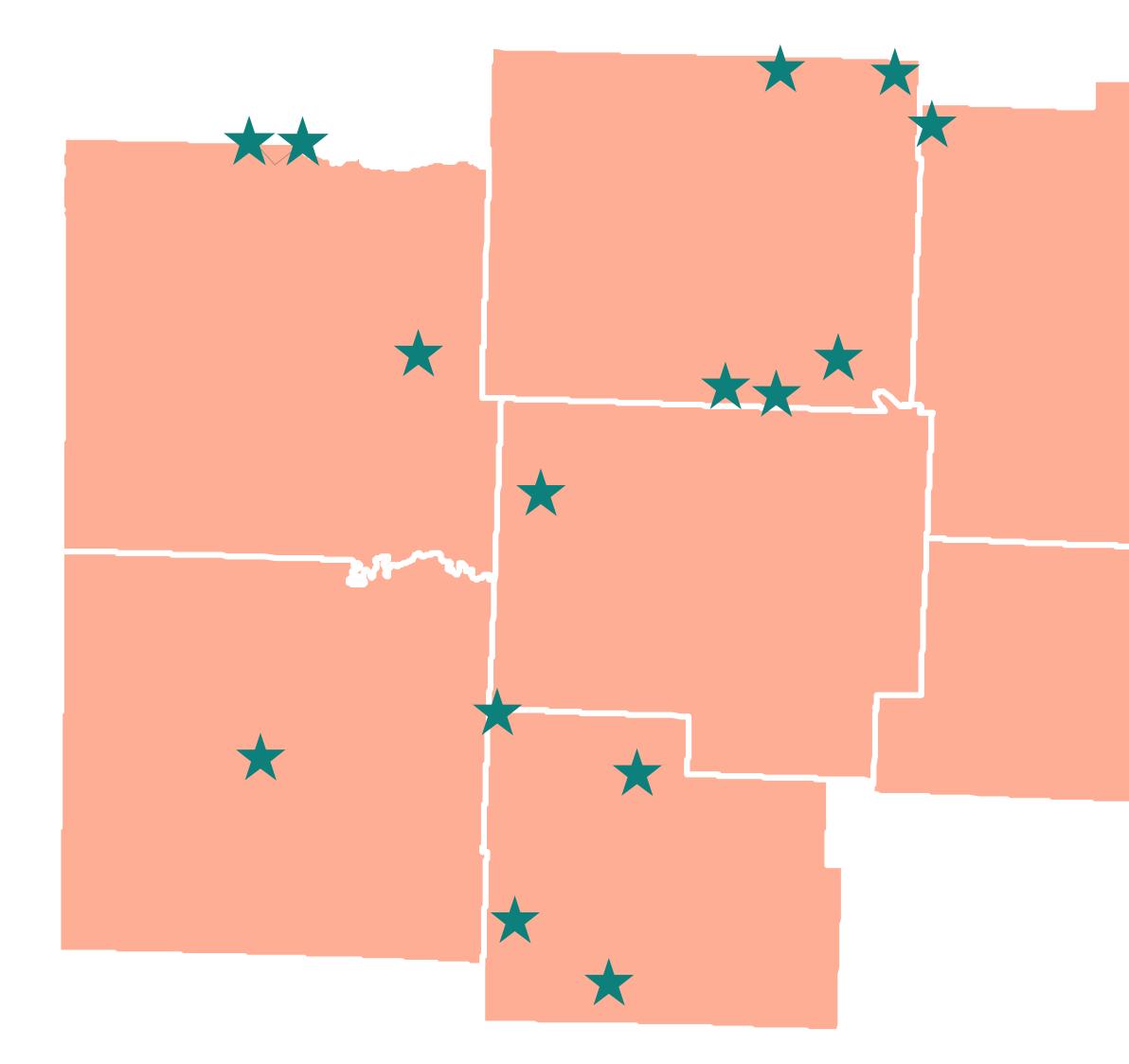
Q. How long will construction last at each bridge? A. After the construction project is awarded, a determination will be made on the amount of work to be done at each bridge. This will also determine the length of closure at each bridge. Once those determinations are made, the project's web page will be updated. Currently, the project is anticipated to be awarded in early Spring 2025 and completed by November 2027.





# KAYSINGER BASIN BRIDGE BUNDLE Primary Bridges

Of the 25 bridges in this project, these 15 bridges are required to be rehabilitated or replaced. The remaining 10 bridges are addressed on the Alternate Bridges board.





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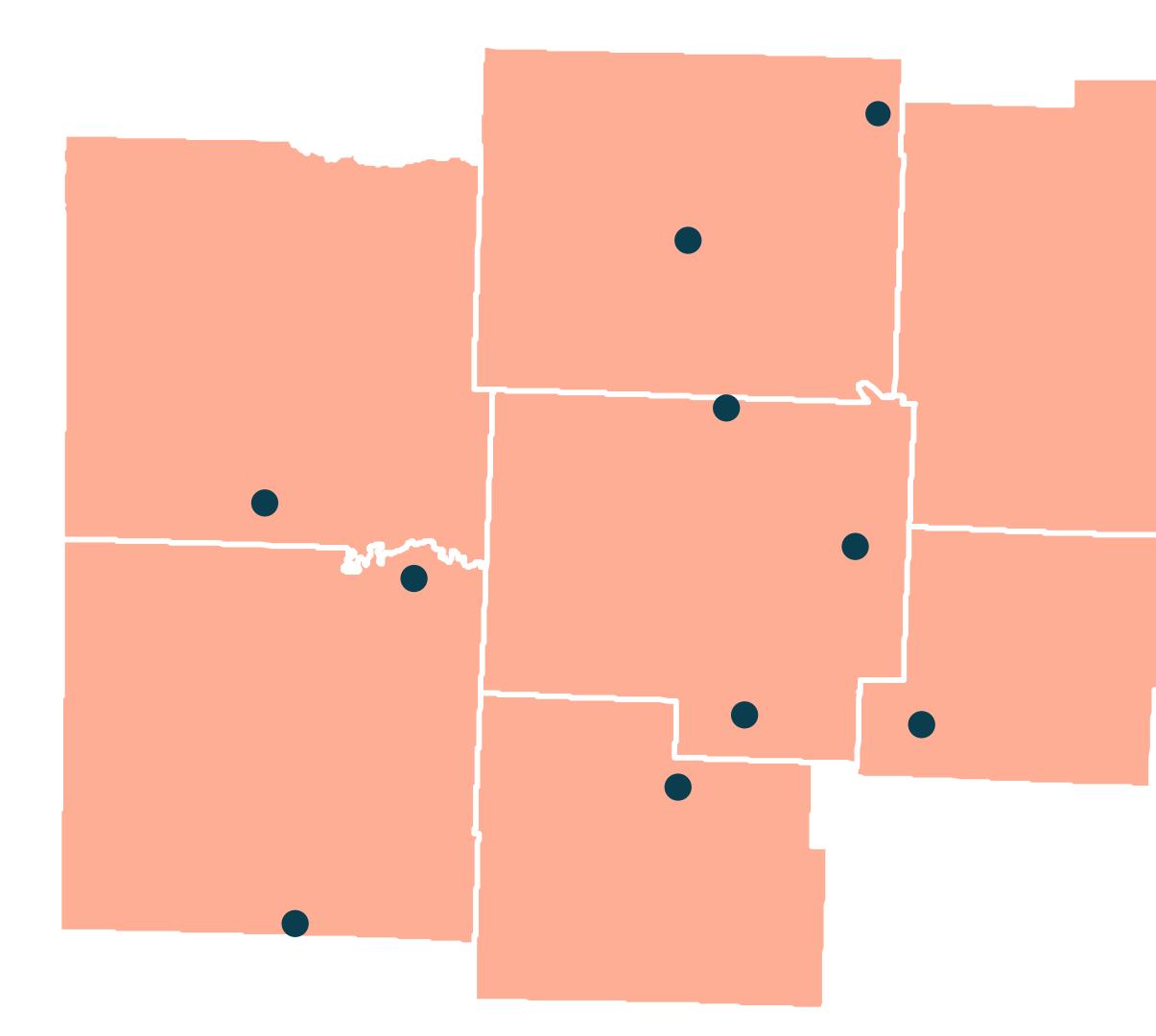
County	Year Built	Route	Crossing	Average Daily Traffic (2023)	Length (ft)
Bates	1969	IS 49 NB	Mormon Fork Creek	10,202	129
	1926	IS 49 SB	Mormon Fork Creek	10,149	127
	1967	RT H	Deepwater Creek	479	119
Benton	1947	RT E	Barker Creek	1,120	21
Cedar	1949	MO 39	Cedar Creek	498	221
	1954	MO 97	Horse Creek	773	231
	1936	RT B	Buffalo Creek	728	273
	1962	RT EE	Clear Creek	757	240
Henry	1930	MO 2	Tebo Creek	920	91
	1934	MO 2	East Tebo Creek	1,367	98
	1964	MO 13 NB	Cooper Creek	7,708	240
	1975	RT Z	Little Otter Creek	1,168	218
	1977	RT U	Truman Reservoir (Grand River Arm)	515	882
St. Clair	1934	RTH	Monegaw Creek	317	103
Vernon	1921	RT W	Medigener Creek	6,631	32





### **KAYSINGER BASIN BRIDGE BUNDLE** Alternate Bridges

Up to 10 of these bridges will be rehabilitated or replaced. Exactly which bridges will be included in the project will be known once the contract is awarded to the successful contractor. Every effort will be made to maximize the number of bridges rehabilitated or replaced within the project's budget. Alternate bridges not addressed by the Kaysinger Basin Bridge Bundle Project may be addressed in future construction projects yet to be determined.





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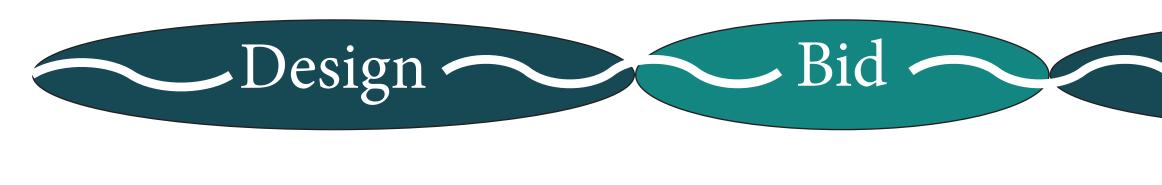
County	Year Built	Route	Crossing	Average Daily Traffic (2023)	Length (ft)
Bates	1969	RT A/B	Interstate 49	5,603	244
Cedar	1953	RT N	Big Sac River	337	402
	1988	MO 18	Town Creek	1,622	200
Henry	1934	RT Y	East Tebo Creek	1,009	122
Hickory	1971	RT O	Weaubleau Creek	428	158
St. Clair	1963	MO 13 NB	Otter Creek	9,437	84
	1978	MO 82	Bear Creek	789	208
	1952	RT J	Brush Creek	316	163
Vernon	1975	RT B/N	Interstate 49	7,276	243
	1935	RTM	Private Drive over Branch of Makenzie Creek	10	19



### KAYSINGER BASIN BRIDGE BUNDLE Design-Build Process

Design-Build encourages innovation to rehabilitate or replace the most bridges in the most cost-effective way through a competitive process. MoDOT is advertising this project locally and nationally with the intent to develop a list of between two (2) and five (5) contractor teams to compete for \$38 million contract.

#### Typical Timeline Design-Bid-Build



#### Design-Build

#### – Design & Build –



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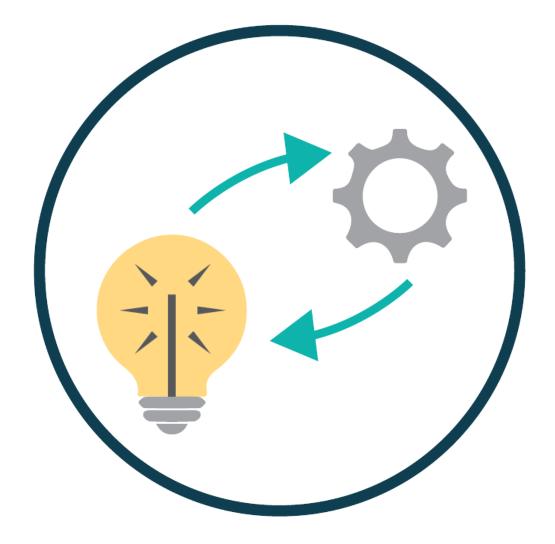
# Advantages of Design-Build ProjectFaster ConstructionPromotes Innovation



#### Reduces Costs







**Improves Quality** 





