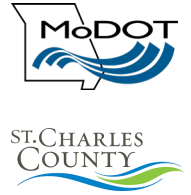


# Interstate 70 Cave Springs to Fairgrounds (CSFG) Design-Build Project

PROJECT OPEN HOUSE | JUNE 28, 2022



## Creating an easier, safer, and smoother I-70 Interchange System.

The I-70 Cave Springs to Fairgrounds Design-Build project will make improvements to address the connectivity, safety and congestion issues that have impacted this region for decades.

### PROJECT GOALS

- 1 Improve connectivity for the local community while maximizing safety and efficiency of the transportation network within the program budget of \$62 million.
- 2 Provide a durable and maintainable transportation infrastructure allowing for future expansion.
- 3 Minimize impacts to the traveling public during construction while safely delivering the project by June 28, 2024.
- 4 Deliver the project using a diverse workforce.

February 2022

Millstone Weber selected as Best Value Proposer

July 2022

Construction begins

**We Are Here**

2022 Construction

- Build stage 1 of new Cave Springs bridge over I-70 and Cave Springs bridge over Veteran's Memorial Parkway
- Build stage 1 of new Zumbel bridge over I-70

2023 Construction

- Build stage 2 of new Cave Springs bridge over I-70 and Cave Springs bridge over Veteran's Memorial Parkway
- Build stage 2 of new Zumbel bridge over I-70
- Start construction of new outer road between Fairgrounds and Route 94
- Construct Route 94 improvements

2024 Construction

- Complete tie-ins at Cave Springs interchange
- Construct new left-turn lanes on Veteran's Memorial Parkway between Zumbel and Cave Springs
- Rehabilitate Hawk's Nest Bridge

June 2024

Project anticipated to be complete

### PROJECT SCHEDULE

## ? WHAT IS THE PROBLEM IN THIS AREA?

This is an area that is very congested, leading to long travel times and a higher-than-average crash rate. The three main issues in this area are connectivity, safety, and traffic.



### CONNECTIVITY

The outer roads in the area are disconnected which sends local traffic onto the interstate or other local streets. The current traffic jams also make navigating this area complex.



### SAFETY

The interchanges have a higher than average crash rate. There were over 3,000 crashes in this corridor between 2013 and 2017. That averages out to two crashes a day.



### TRAFFIC

The Cave Springs and Zumbahl interchanges often experience traffic jams making it tough for traffic to flow through the area. During the morning rush, vehicles crossing Cave Springs average only 7 mph between West Clay and Veterans Memorial Parkway. Delays due to congestion regularly cause traffic to back up onto I-70.


Addressing these three issues will help the traveling public get where they need to go quickly, safely, and easily. Reconfiguring the interchanges provides increased signal spacing which will help greatly reduce the number of crashes.

## ? WHAT IS BEING DONE?

**Cave Springs Interchange** – The 40-year-old Cave Springs bridge over Interstate 70 will be replaced with a wider bridge to accommodate a single-point urban interchange (SPUI). A new overpass will be built to allow traffic on Veteran's Memorial Parkway to go under Cave Springs without stopping at a traffic signal. There will also be a new ten-foot-wide multi-use pedestrian connection across I-70.

**Zumbahl Interchange** – The existing Zumbahl bridge will be replaced with a new single-point urban interchange. Other changes include extending the entrance ramp from Zumbahl to westbound I-70 and the exit ramp from eastbound I-70 to Zumbahl. This will allow for easier merging. A new ten-foot-wide multi-use pedestrian connection across I-70 will also be built.

**Route 94 Interchange** – The new North Outer Road will end where the existing westbound I-70 off-ramp intersects with Route 94. This intersection will be widened to accommodate three left turn lanes to southbound 94 and two right turn lanes to northbound 94. Modified right turn lanes will help eliminate traffic weave.

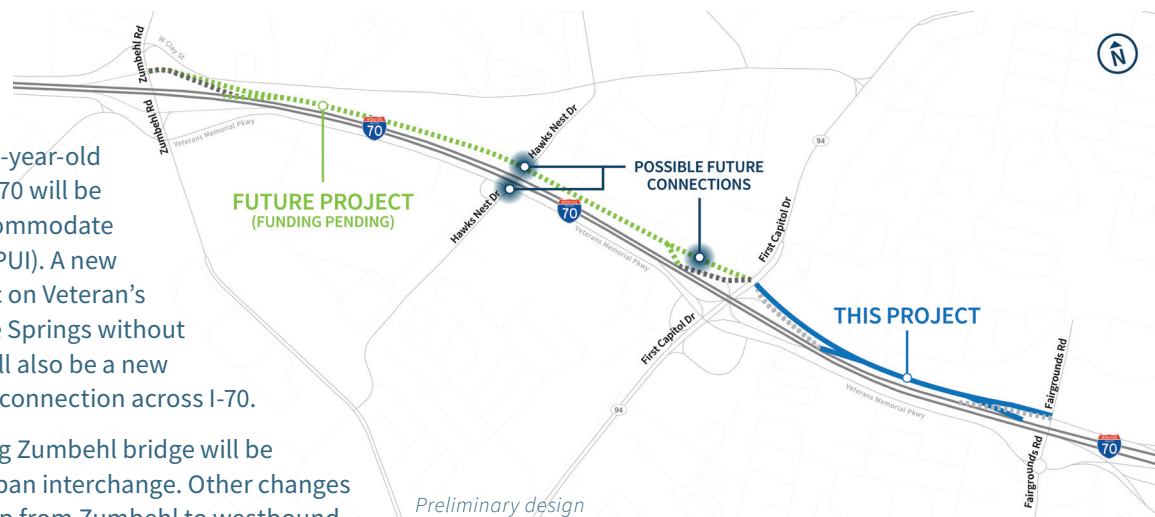
 **All of this will be done while keeping the interchanges open during construction.**

## ? WHAT IS A SPUI?

A SPUI is a shortened name for a single-point urban interchange. In a SPUI, the streams of left-turning traffic do not cross. That allows opposing left turns to be made at the same time, allowing more vehicles to clear the interchange in one signal cycle.

## ? WHAT IS THE BUDGET FOR THIS PROJECT?

The total project budget is \$62 million. That includes \$52 million of State and Federal funds and \$10 million from St. Charles County.



## ? WHAT ABOUT THE OUTER ROADS?

**All existing outer roads within the project limits that currently serve two-way traffic will remain two-way.**

The I-70 CSFG project is planning to construct a new one-way North Outer Road between Fairgrounds/Convention Center Boulevard and Route 94/First Capitol Drive that does not exist currently. The proposed design has exit ramps west of Fairgrounds and entrance ramps onto westbound I-70 just before Route 94/First Capitol. This new outer road is shown in the blue in the image above.

A future project could include a new, one-way North Outer Road (shown in green above), that does not currently exist. This would complete the North Outer Road from Route 94/First Capitol to Zumbahl. This section was removed from this project so that a future project can provide better access by including ramps to and from westbound I-70 and allowing for possible connections with Hawks Nest Drive and Droste Road.