

## Projects

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## Veteran's Memorial Parkway Arch



### Description and Benefit

The I-70 CSFG Design-Build Project constructed a precast arch structure to align Veteran's Memorial Parkway under Cave Springs Boulevard. The use of precast arches to construct this overpass allows for faster construction time which results in a costs savings. The time savings comes from the reduced time required to construct parts of a bridge structure above the pile cap. For the arch, a continuous foundation is poured in place of pile caps and the arch rests on top of this foundation. Once your foundation is ready the precast arches are placed, and a waterproof membrane is installed. Compared to a typical bridge where a lot of time was required to allow for columns, beams, girders, bridge deck, and approach slabs, this process took about two weeks, after which the arch is backfilled and ready for pavement.

### For More Information Contact

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