



# US 93 AT PIERCE FERRY ROAD FEASIBILITY STUDY



## SCHEDULE:

The Draft Final Report will be completed in October 2020, with the Final Report completed in January 2021.

For additional information, visit <https://azdot.gov/projects/northwest-district-projects/us-route-93-corridor-projects> or contact:

**Tricia Brown, P.E.**

ADOT Project Management Group  
tbrown2@azdot.gov  
602.712.7046

## BACKGROUND

Mohave County and the Arizona Department of Transportation initiated the US 93 at Pierce Ferry Road Feasibility Study to evaluate potential improvements to the intersection of US 93 and Pierce Ferry Road in Mohave County, Arizona.

US 93 connects Wickenburg, Arizona to the Las Vegas metropolitan area. The US 93 and Pierce Ferry Road (County Route 25) intersection (study area) is located at MP 41.8, approximately 25 miles northwest of Kingman, Arizona in Mohave County. The intersection is a primary gateway to Grand Canyon West and is heavily traveled by international visitors, tour buses, and passenger vehicles.

Several multi-vehicle crashes have occurred at the intersection during the five-year period from 2015-2019, with five fatal crashes and nine serious injury crashes. Several of the crashes had multiple fatalities.

All but two of the crashes were angle crashes (T-bone) in which a southbound vehicle on US 93 was attempting to make a left turn eastbound to Pierce Ferry Road and collided with a vehicle that was traveling on northbound US 93. A review of police reports shows that vehicles turning onto Pierce Ferry Road either ran the median stop sign or underestimated the available gap and speed of the northbound vehicle.

## PROJECT GOALS

The US 93 at Pierce Ferry Road Feasibility Study will evaluate and recommend potential improvements to reduce the number and severity of crashes at this intersection. Two alternatives are proposed.

**Alternative 1 (Half-Traffic Interchange)** removes the conflict between vehicles making a left turn from southbound US 93 to eastbound Pierce Ferry Road, and those traveling northbound on US 93, by elevating the northbound lanes of US 93 over Pierce Ferry Road. A new bridge would be constructed for northbound US 93 over Pierce Ferry Road. New ramps would be installed: an off-ramp connecting US 93 northbound to Pierce Ferry Road and an on-ramp connecting Pierce Ferry Road to US 93 northbound.

**Alternative 2 (Fly-Over Ramp)** removes the conflict between vehicles making a left turn from southbound US 93 to eastbound Pierce Ferry Road, and those traveling northbound on US 93, by elevating the exiting southbound traffic over US 93 and providing direct access to Pierce Ferry Road. The flyover ramp bridge will be a curved one-lane structure.

## PROJECT ACTIVITIES

US 93 at Pierce Ferry Road Feasibility Study project activities include:

- Analyze crash and traffic volume data.
- Select and refine a recommended alternative.
- Develop and evaluate conceptual grade-separation alternatives.
- Prepare a feasibility report to document findings.
- Assess the benefits and costs of each alternative.

