

# Highway 107 Study

## (General Samuels Rd. – Hwy. 89)

Job 061625



## Background

The Arkansas Department of Transportation (ARDOT) is conducting a study to determine the need for highway safety and mobility improvements, identify feasible alternatives to address those needs, and to develop an improvement plan for the study corridor along Highway 107 between General Samuels Road and Highway 89 in Jacksonville. The study goals developed in conjunction with local officials, stakeholders, and the public are listed below:

Hwy 107 Study Goals
Enhance safety throughout the route
Improve mobility along the route
Support the Little Rock Air Force Base mission
Minimize impacts to the natural, physical and human environments

## Existing and Future Needs

The following needs were determined after studying the Highway 107 corridor:

- Safety
  - Crash frequencies at several locations are higher than similar highways across Arkansas.
- Mobility/Accessibility
  - Several cross streets are slightly offset at Highway 107. As the area grows, this will cause safety and capacity concerns.
  - In some areas, driveways are closely spaced and not well defined. This can cause driver confusion and increased crashes.
- Capacity
  - Delays sometimes occur when traffic turns to or from Highway 107.
  - Generally speaking, there is not a need for major widening.

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## Proposed Improvements

The study establishes priorities for future improvements that have been divided into short-term and long-term improvement projects.

The Short-Term improvement recommendations include relatively low-cost options that can be implemented quickly at strategic locations to improve safety, such as:

Short-Term Improvement Recommendations
Improved pavement markings and signage at intersections
Edge and centerline rumble strips/stripes as needed throughout the corridor

The Long-Term improvement recommendations include the following to improve operations and further reduce crash rates:

Long-Term Improvement Recommendations		
Intersection Improvements	General Samuels Road Arnold Drive Old Tom Box Road Jacksonville-Conway Road Republican Road Centennial Road Roderweis Road Highway 89/Tates Mill Road	
Curve Improvements	At various locations with history of high crash rates	Widen Shoulders Flatten Slopes Adequate Clear Zones Install Roadside Barriers

No funding is currently available for any improvements in the study. Improvements will be made as needs occur and as funding becomes available.

## Submit a Comment

We appreciate your involvement in this study. Written comments may be submitted by Sunday, July 12, 2020.

To access the online comment form or to download a printable comment form, visit

[Hwy107.TransportationPlanRoom.com](http://Hwy107.TransportationPlanRoom.com)