RAMP ID SIGNS
UDOT

INTERCHANGE RAMP IDENTIFICATION SIGNS

Project Overview

In a roadway emergency, especially on complex interstate ramps, victims and witnesses are often unable to correctly identify their exact location. As a result, dispatched staff can only provide an approximate site to responders. Crucial time can be lost if the location is interpreted or reported incorrectly.
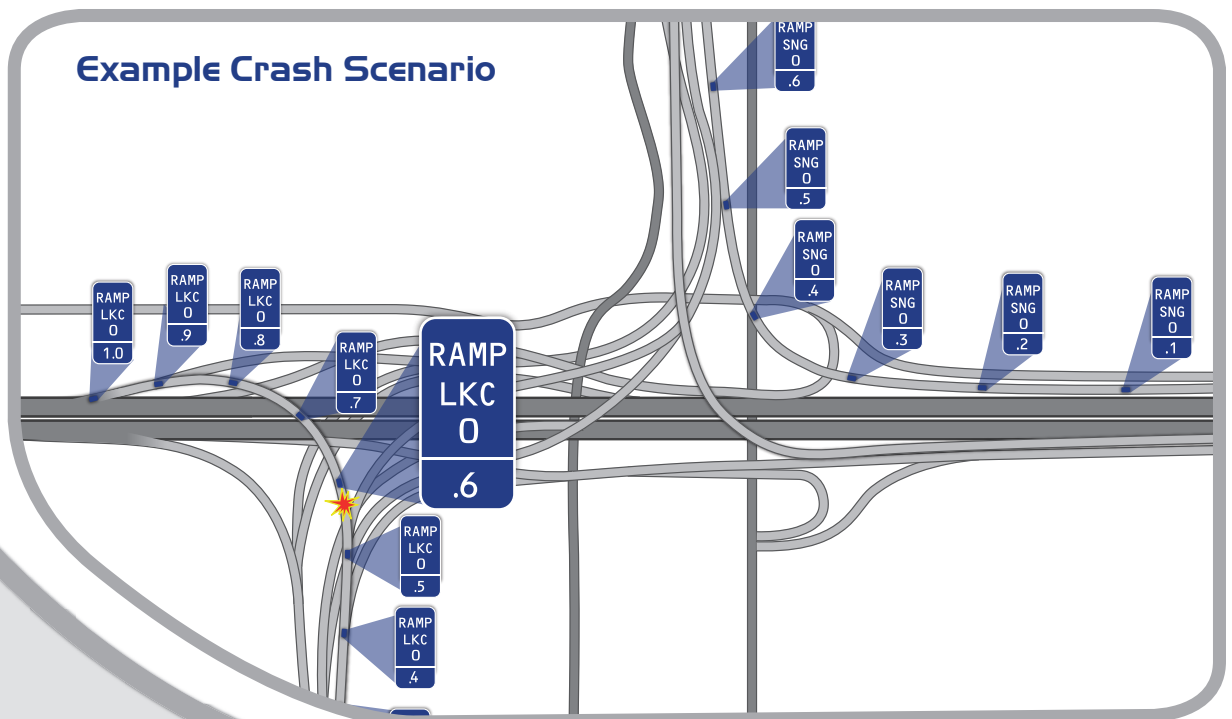
In an effort to alleviate this challenge, The Utah Department of Transportation (UDOT) is designing and implementing a new, unique ramp identification signage system at major interchanges across Salt Lake County. This project will increase safety and improve mobility on heavily traveled ramps such as the Spaghetti Bowl and the Airport interchange.

Sign System Details and Implementation
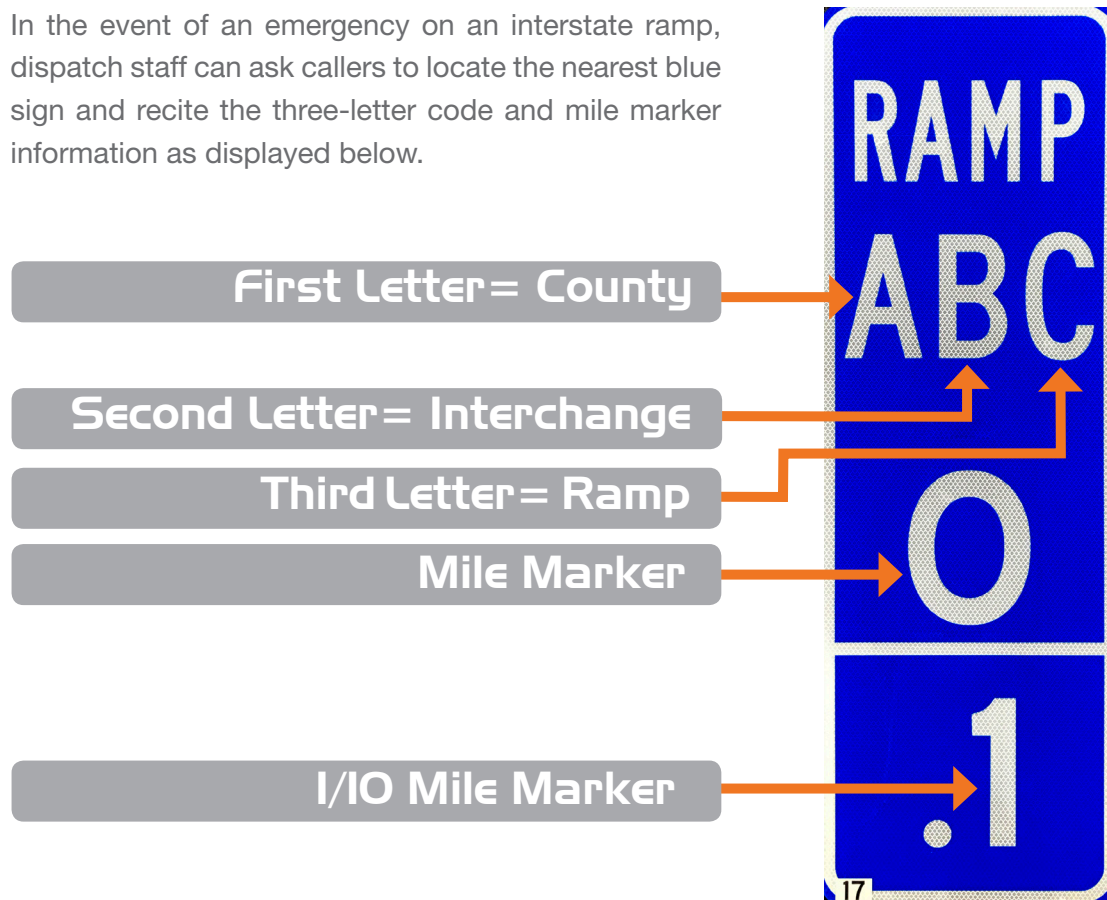
RAMP ABC 0 .1

The signs will be placed every tenth of a mile on freeway-to-freeway ramps and will be labeled with a three-letter code, identifying exact latitude/longitude locations. All coordinates will be made available to dispatch agencies through existing mapping systems. This will allow staff to engage the appropriate emergency responders and send them directly to the scene, reducing response time significantly.

The Ramp ID system is being developed with help from local dispatch staff, emergency responders, GIS professionals and traffic and safety experts to ensure its success.

Example Crash Scenario

RAMP SNG 0 .6
RAMP SNG 0 .5
RAMP SNG 0 .4
RAMP SNG 0 .3
RAMP SNG 0 .2
RAMP SNG 0 .1
RAMP LKC 0 1.0
RAMP LKC 0 .9
RAMP LKC 0 .8
RAMP LKC 0 .7
RAMP LKC 0 .6
RAMP LKC 0 .5
RAMP LKC 0 .4

Sign Details

In the event of an emergency on an interstate ramp, dispatch staff can ask callers to locate the nearest blue sign and recite the three-letter code and mile marker information as displayed below.

First Letter = County	
Second Letter = Interchange	
Third Letter = Ramp	
Mile Marker	
I/IO Mile Marker	

RAMP
ABC
0
.1
17

Phase One Locations

The system will be installed in the following initial locations before being rolled out to other areas in the state:

1. Spaghetti Bowl (25 ramps)
2. Airport (27 ramps)
3. 500/600 South (12 ramps)

Schedule

Sign installation began in December 2017 and will continue through February 2018.

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