



## Helpful Tools

➔ ADOT MAPS

[azdot.gov/maps](http://azdot.gov/maps)

➔ AZGEO DATA CLEARING HOUSE

[gis.azgeo.az.gov/agic/welcome-agic](http://gis.azgeo.az.gov/agic/welcome-agic)

➔ ARCGIS ONLINE

[arcgis.com/home/index.html](http://arcgis.com/home/index.html)

For any questions please contact  
MPD GIS TEAM

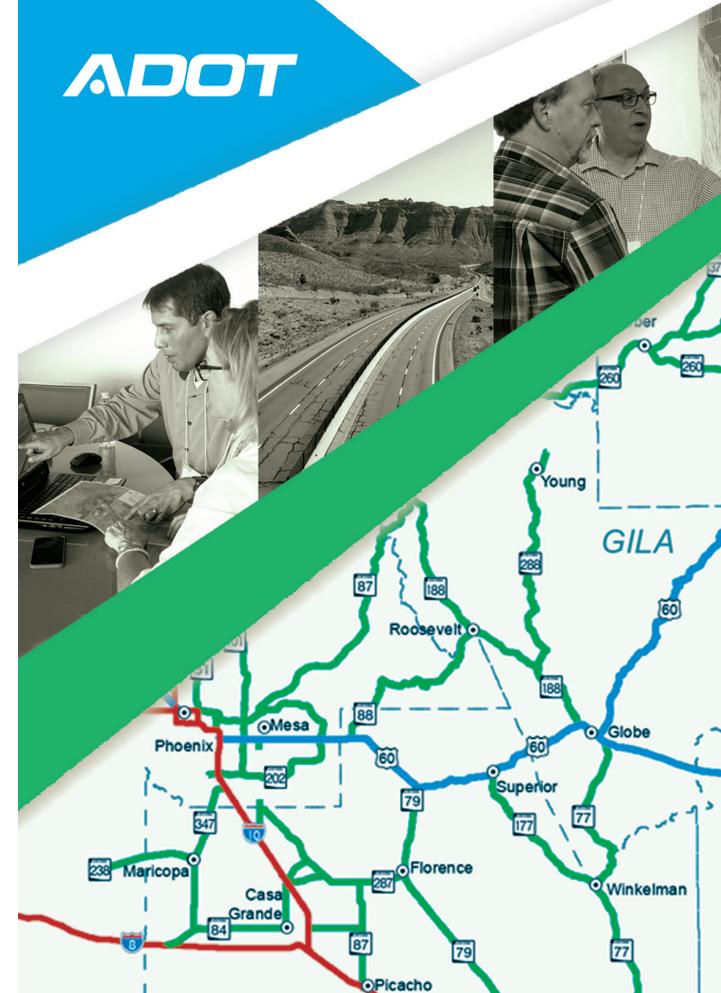
✉ [MPDGIS@azdot.gov](mailto:MPDGIS@azdot.gov)

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**ADOT**

# What can GIS do for you?

**ADOT**





# What can GIS do for you?

## ▶ DATA VISUALIZATION

This encompasses map creation, both paper based and interactive, dashboards that assist with asking and answering questions of the data.

## ▶ METADATA

Documenting your internal workflows is vital for knowledge management and standard work.

## ▶ LINEAR REFERENCING

The GIS team maintains the agency's route network and all of its roadway characteristics information. This data is vital for visualization and mandated reporting to stakeholders.

## ▶ DATA MANAGEMENT

Incorporating good data management practices in daily activities will decrease duplication of data.

## ▶ REMOTE SENSING

The GIS team collects data from a variety of remote sensing tools including terrestrial imagery. A future goal is to collect LiDAR.

## ▶ FEDERAL REPORTING REQUIREMENTS

A large part of what the GIS group does for ADOT is support Federal reporting requirements for an annual report called Highway Performance Monitoring System (HPMS). The roadway characteristics data that comes from HPMS helps to drive the data driven decision making done by executive management.

## GIS CARRIER GOALS

GIS is an ever expanding technology that is not specific to an industry. Making a carrier where you can make a change is what GIS is all about.

**GIS Training:** If you need GIS training the GIS team is knowledgeable and teachers at heart. Being a life long learner is a must in GIS due to its evolving state.

## HOW CAN I GET INVOLVED?

Get involved in the Arizona Geographic Information Council (AGIC). AGIC is a great resource for all things GIS in Arizona. Attending the annual conference in Prescott is well worth the trip.

