

GTFS Resource Sheet

➤ What is GTFS?

General Transit Feed Specification (GTFS) is a standard format for publishing transit schedules in a way that apps and websites can read.

75% of U.S. adults use smartphones for navigation. GTFS makes that possible for transit.

- Riders can find routes, stops, and schedules in their favorite trip planning apps.
- Helps people plan trips easily and make travel decisions.

What does high-quality data look like?



COMPLETE



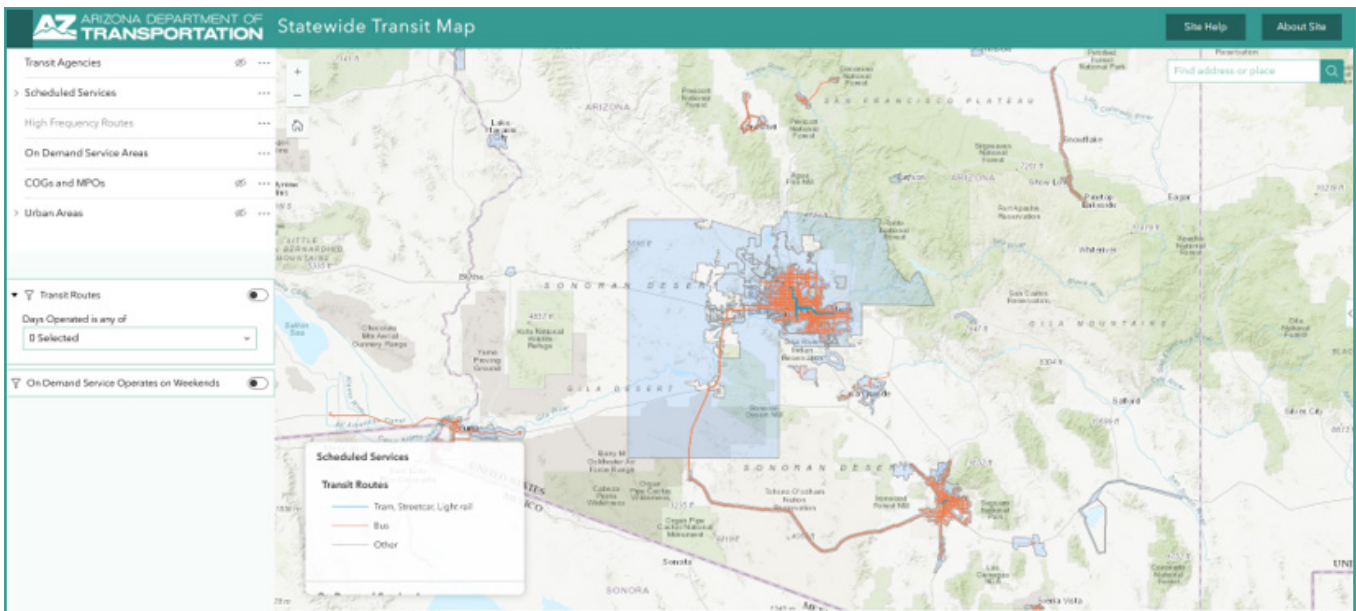
ACCURATE



ACCESSIBLE

➤ Statewide Transit Map in Progress

ADOT is building a statewide transit map using GTFS data to show all transit services across Arizona.



Benefits of a Statewide Transit Map in Arizona

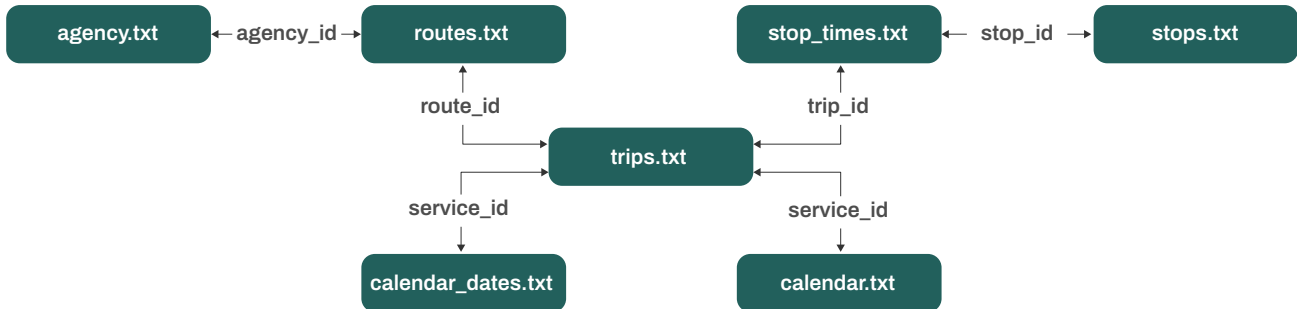
Helps riders see what transit options are available statewide.

Supports agencies in collaborating to fill service gaps.

➤ Core Components of a GTFS Feed

GTFS files contain information on stop locations, routes, and schedules. They can also have information on fares or demand response service areas (GTFS Flex).

Required Files and Data for GTFS Functionality



➤ Steps to Create and Maintain a GTFS Feed

There are several ways to prepare and update your agency's GTFS feed:

- Manual entry in a spreadsheet
- Scheduling software, available from private vendors
- Open-source scheduling software set up on your agency's computer system

Once you have created the files, upload them in a zipped file to your agency's website or a public data portal. Then you can let apps and developers, like Google Transit or Transitland, know where it is posted.

➤ GTFS Resources and Support

There are many resources available to help you create or update your agency's GTFS files. The National Rural Transit Assistance Program (RTAP) helps all agencies with technical guidance, regardless of whether or not they are in a rural area. For a list of helpful resources, go to [WEB LINK](#).

If you have questions, please email the AZDOT Transit Group at transitgroup@azdot.gov