

The ADOT Map Book

Introduction

The Arizona Department of Transportation Map Book samples the numerous uses made of ADOT's base centerline file, commonly known as Arizona Transportation Information System (ATIS) Roads. ATIS Roads is a Geographic Information System (GIS) coverage, or layer, of Arizona roads and streets. It is maintained within the ADOT Transportation Planning Division's Data Bureau by the GIS for Transportation (GIS-T) Team.

GIS has gained strength throughout ADOT for its usefulness as a technology tool in planning, analyzing, modeling and managing both spatial and tabular information. Maps produced from GIS databases provide a visual array of information, enabling the user to easily understand otherwise complex environmental, economic, and social issues. But GIS is more than just printed maps, its power lies in the databases that it is built from which enable the user to query more than just rows and columns, but in addition, to query by spatial location.

GIS technology has been used in ADOT for many years. One often hears the "ATIS Standard" quoted as a source for location reference of highway projects and Agency assets. The GIS-T Team continually creates and maintains GIS databases in addition to obtaining databases from other sources, such as private, local governments, State and Federal agencies. These databases are then used as overlays to the ATIS Roads base, converting a static representation of the roads and streets into a dynamic GIS application. The maps in this edition of the Map Book represent those maps that are most often requested and used within ADOT as well as maps that represent multi-modal aspects of the Agency.

Data sharing is at the heart of GIS technology's effectiveness. The GIS community in the Arizona state government is a diverse group with a strong commitment to cooperative data sharing. Without this cooperative effort, many of the maps presented here could not have been produced.

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All of these maps are available on our website:

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Table of Contents

Section One: Arizona Highway System

State	Highway System	4
State	Milepost System	5
National	Highway System	6
Func	tional Classification System	7

Section Two: Transportation Board Districts

Trans	portation Board Districts	9
	District 1 Milepost System	10
	District 2 Milepost System	11
	District 3 Milepost System	12
	District 4 Milepost System	13
	District 5 Milepost System	14
	District 6 Milepost System	15

Section Three: Engineering and Maintenance Districts

Engineering	and Maintenance Districts	17
Flags	taff District Milepost System	18
Globe	District Milepost System	19
Holbrook	District Milepost System	20
Kingman	District Milepost System	21
	Phoenix District Milepost System	22
Presc	ott District Milepost System	23
Safford	District Milepost System	24
Tucs	on District Milepost System	25
Yuma	District Milepost System	26

Section Four: Statewide Boundaries

	ADOT Regional and District Boundaries	28
	Councils of Governments (COGs) and Municipal Planning Organizations (MPOs)	29
American	Indian Reservations	30
Land	Ownership	31
Ariz	ona Legislative Districts	32
Ariz	ona Congressional Districts	33

Section Five: ADOT Facilities

	Fuel Islands and Maintenance Yards	35
Equipment	Shops	36

Section Six: Alternative Modes of Transportation

5310	Transit Service	38
5311	Transit Service	39
Ariz	ona Railroads	40
Ariz	ona Airports	41

Section Seven: Metropolitan Areas

	Phoenix Area Milepost System	43
Tucs	on Area Milepost System	44

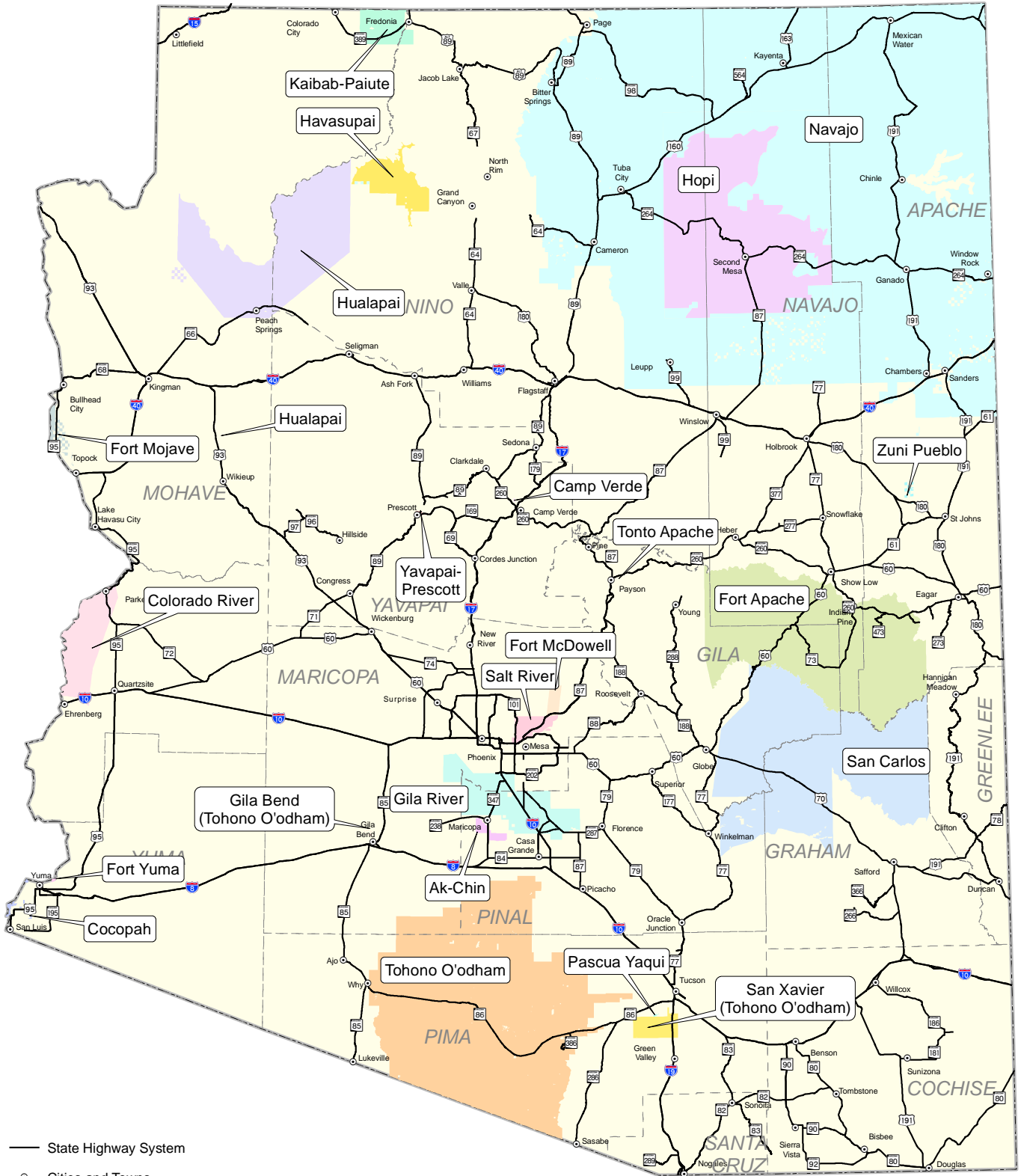
Section Eight: Tourism / Commerce

Ariz	ona Scenic Roads	46
Ariz	ona Rest Areas	47
	Canamex Corridor and Ports of Entry	48

Section Four

Statewide Boundaries

American Indian Reservations



- State Highway System
- ⊙ Cities and Towns
- ⎓ County Boundaries



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