

FINAL REPORT

# GRAHAM COUNTY/SAFFORD/THATCHER/PIMA *SMALL AREA TRANSPORTATION STUDY*

JULY 31, 2009



prepared for

**GRAHAM COUNTY**



**SAFFORD**



**THATCHER**



**PIMA**

prepared by



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## 1.0 INTRODUCTION

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The Graham County, Safford, Thatcher, Pima Small Area Transportation Study (SATS) was initiated by Graham County, in conjunction with the Arizona Department of Transportation (ADOT), to develop a countywide, long-range multimodal transportation plan for this growing rural Arizona community. The project sponsors selected the PB Americas (PB) team to conduct this study under the direction of a Technical Advisory Committee (TAC), which included representatives from Graham County, City of Safford, Town of Thatcher, Town of Pima, Southeastern Arizona Governments Organization (SEAGO), and ADOT.

### 1.1. SCOPE OF WORK

Seven (7) tasks were identified in this study. The tasks and descriptions are below:

- Task 1 – Refine the Work Plan: This task presented a detailed work plan which included a scope of work, study area boundary, project schedule, and staffing requirements.
- Task 2 – Current and Future Conditions: This task required the collection and incorporation of background data and information that was used to create a picture of current and future conditions in Graham County. This working paper included an inventory of current conditions and the forecasting of future conditions and deficiencies for the horizon years 2013, 2018, and 2023.
- Task 3 – First Phase of Public Involvement: This task included the first public meeting, which was held on August 7, 2008, at the Graham County General Services Building in Safford. An overview of the study, the study schedule, information on existing and future conditions, and future work task information was available for participants to review. Please see the Public Meeting Summary Reports in the appendix for detailed public meeting information.
- Task 4 – Evaluation Criteria and Improvement Plan: This task required the development of evaluation criteria and potential projects and strategies to address the needs and deficiencies identified in Task 2. In addition, a list of ranked projects was developed addressing short-, medium- and long-term improvements.
- Task 5 – Second Phase of Public Involvement: The second public meeting was held on April 28, 2009. The proposed improvement plan and projects were displayed and project information was available for distribution. Please see the Public Meeting Summary Reports in the appendix for detailed public meeting information.
- Task 6 – Final Draft Report: A draft report was created which documented the information, evaluation and recommendations from Tasks 2 & 4. In addition, the Public Meeting Summary Reports were included.

- Task 7 – Final Report: The report was finalized after the draft report was reviewed and approved by the TAC.

## 1.2. STUDY AREA OVERVIEW

Located in the Gila Valley, Graham County encompasses 4,630 square miles; which includes 22 square miles of water. The geography of the region comprises mostly high desert plains surrounded by the Gila, Pinaleno, Galiuro and Santa Teresa Mountains. The three incorporated communities of Safford, Thatcher, and Pima represent the principal center of population and economic activity in the County. The County also includes part of the San Carlos Indian Reservation. While agriculture has traditionally been a mainstay of the region, it has evolved into a center for light industry as well as the retail and service hub in Southeastern Arizona.

The major highways in the area are United States (US) Highway 191, which runs north-south through the City of Safford, and US Highway 70, which runs east-west and connects the cities of Safford, Thatcher, and Pima. National protected areas in the region include the Coronado National Forest and Gila Box Riparian National Conservation Area.

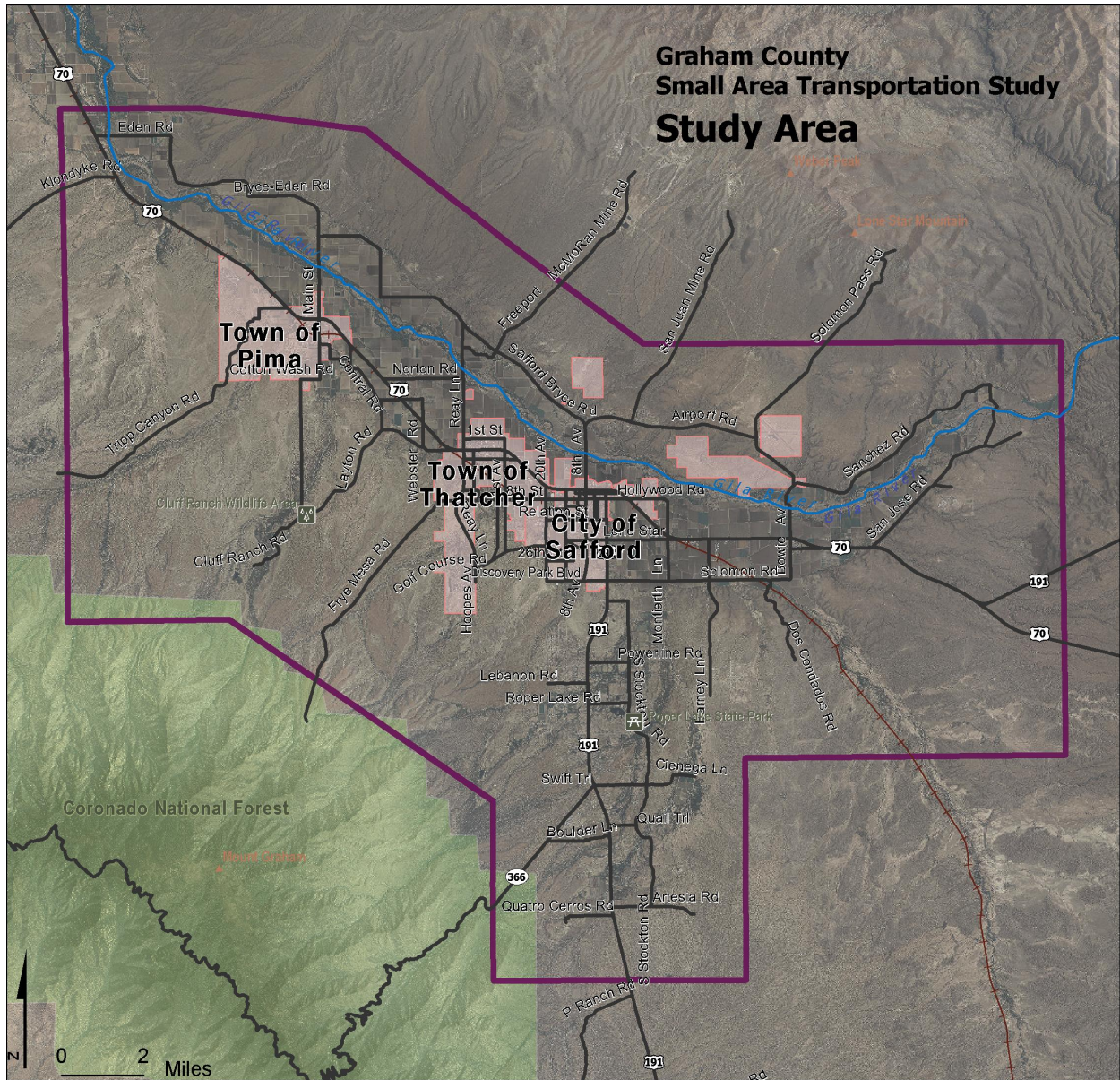
## 1.3. STUDY AREA BOUNDARY

The study area boundary for the Graham County SATS is shown in Figure 1-1. The limits are:

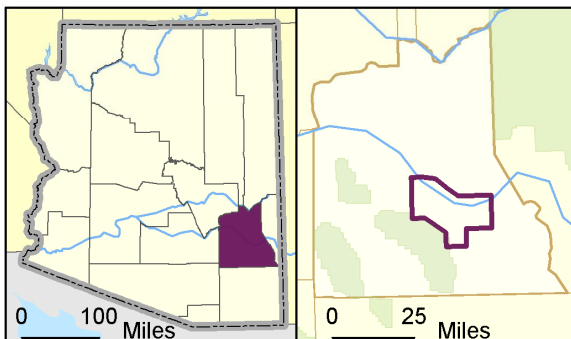
- West: San Carlos Indian Reservation border. (SATS to include the Town of Geronimo.)
- East: to include eastern US 191/US 70 junction
- South: to include SR 266/US 70 junction
- North: San Carlos Indian Reservation border






Figure 1-1: Graham County SATS Study Limits



6/15/2009



**Legend**

-  Railroad
-  River
-  Incorporated area
-  Study area

## 1.4. REPORT ORGANIZATION

This report is organized into seven sections, as follows:

### **1.0 Introduction**

Provides background information and sets the stage for the study.

### **2.0 Inventory of Existing Conditions**

Background data for the region is presented and used to create a picture of the current socioeconomic and transportation characteristics of the region.

### **3.0 Future Conditions**

This section details the planned residential and employment changes and evaluates their traffic impact to the regional transportation network in horizon years 2013, 2018 and 2023.

### **4.0 Evaluation and Improvement Plan**

This section describes the needs and deficiencies and details the evaluation of improvements to address such needs. A description of recommended improvement projects is also provided.

### **5.0 Other Needs**

This section details an environmental overview, recommends financial incentives/community partnerships/job creation as tools for managing growth, and provides a review of the Graham County Transit Feasibility Review Study.

### **6.0 Evaluation of Improvements**

This section details the evaluation criteria creation and review process that will be used to evaluate improvement projects in section 7.0.

### **7.0 Ranking of Projects**

Using the evaluation criteria created and approved in section 6.0, a ranking of improvement projects, both motorized and non-motorized, was created.

## 1.5. COMMUNITY INVOLVEMENT

The Graham County SATS public involvement activities provided means for key stakeholders and members of the public to have meaningful involvement in the development of all recommendations. Public involvement activities included TAC meetings and Public Meetings.

## 1.6. TECHNICAL ADVISORY COMMITTEE (TAC) MEETINGS

The Technical Advisory Committee was formed when the study began and included key stakeholders from throughout Graham County and ADOT. Meetings were held to discuss the accuracy and completeness of data collection, as well as to review recommendations.

Members of the TAC included:

- Will Wright, Graham County
- Michael Bryce, Graham County
- Drew John, Graham County
- Jim Palmer, Graham County
- Randy Petty, City of Safford
- Robert Porter, City of Safford
- Heath Brown, Town of Thatcher
- Gerald Schmidt, Town of Pima
- Sharon Mitchell, SEAGO
- Charlene FitzGerald, ADOT
- Reza Karimvand, ADOT
- Bill Harmon, ADOT
- Robert Obregon, ADOT
- Tom Engel, ADOT
- Art Baeza, ADOT
- Paul David, ADOT
- Jess Segovia, PB
- Jennifer Love, PB
- Krishna Anantuni, PB

## 1.7. PUBLIC MEETINGS

Two public meetings were held to provide members of the public information about the study and to share their comments and suggestions regarding this effort to improve Graham County's transportation system. The meetings included oversized color graphics of maps and tables/charts, comment cards for the public to share their input, and TAC and consultant team members present to address any questions or concerns.

The first meeting, held on August 7, 2008, shared the results of Task 2 - Existing and Future Conditions. The second meeting was held on April 28, 2009 and presented the recommended improvements. Please see the Public Meeting Summary Reports in the appendix for detailed public meeting information.

## 2.0 INVENTORY OF EXISTING CONDITIONS

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This section includes the existing conditions of the Graham County, Safford, Thatcher, and Pima Small Area Transportation Study. In this section, background data for the region is presented and used to create a picture of the current and future socioeconomic and transportation characteristics of the region. It includes two sections, an Inventory of Current Conditions and a Forecast of Future Conditions.

The Inventory of Existing Conditions establishes the roadway characteristics of the study area roadways, presents accident history, current funding information, traffic volumes, regional environmental justice, existing roadway level of service, and an existing conditions traffic model. The Forecast of Future Conditions details the projected socioeconomic conditions, future traffic model results, and future deficiencies in the system. Subsequent working papers will detail recommended improvements.

### Existing Conditions

The existing conditions chapter establishes the baseline conditions of the Graham County region for this study. It provides a review of the current operational conditions as well as a basis for projecting future conditions. The measures of existing conditions which have been selected for documentation and analysis include:

- Land use
- Socioeconomic data
- Environmental justice considerations
- Existing Street System
- Other modes of transportation
- Traffic crash data
- Existing traffic and operating conditions

Each of these measures is presented in the following subsections of this chapter.

### 2.1. LAND USE

An understanding of land use is important in determining and interpreting travel characteristics in an area. Land use information, in conjunction with population and employment data, is used to develop the travel modeling, which will be discussed in Section 3.3. Land use classifications include:

- Residential
- Commercial
- Industrial
- Public

Located in the Gila Valley of southeastern Arizona, Graham County is a primarily rural county encompassing 4,630 square miles. Graham County land ownership consists of:

- U.S. Forest Service and Bureau of Land Management: 38%
- San Carlos Indian Reservation: 34%
- State of Arizona: 18%
- Private: 10%

While agriculture has traditionally been a mainstay of the region, it has evolved to also become a center for light industry as well as the retail and service hub in Southeastern Arizona. Recent population and economic growth is associated with the Freeport McMoRan, Inc mine expansion and emergence as a regional shopping and services center.

## 2.2. SOCIOECONOMIC DATA

Growth rates can be an indication of future growth and therefore are important in developing traffic forecasts. Population and employment are direct inputs to the travel-forecasting demand model to determine the number of trips being made each day. Specifically, in the traffic model, population produces trips and employment attracts trips.

### Population

In the 2000 Census, the population of Graham County was reported to have increased 26% since 1990. Since then, the population growth was reported to be relatively flat. Beginning in 2006, the area saw an increase in building permits and with the recent announcement of the Freeport-McMoRan mine expansion, the area has experienced an influx of workers and their families. Table 2-1 provides the population of the three incorporated towns, as well as the unincorporated area in Graham County.

Table 2-1: Graham County Population Growth

	1990	2000	2007 Estimate	% Increase (1990-2000)	% Increase (2000-2007)
Arizona	3,665,228	5,130,632	6,500,194	40%	27%
Graham County	26,554	33,498	37,338	26%	11%
Safford	7,359	9,232	9,460	25%	2%
Thatcher	3,763	4,022	5,235	7%	30%
Pima	1,725	1,989	2,233	15%	12%
Unincorporated	13,707	18,246	20,410	33%	12%

Source: US Census Bureau and Southeastern Arizona Governments Organization (SEAGO)

To tabulate existing and future values for both population and employment, a system of Traffic Analysis Zones (TAZs) has been established for the area. TAZs are geographic subdivisions of the study area that are used in the travel forecasting model. Similar land uses, physical barriers, or major transportation corridors define the zone boundaries. The study area has 76 TAZs, as shown in Figure 2-1. Based on information provided by the TAC and the study of land use pattern by the project team, the current total population of 34,270 within the study area is distributed to the 76 TAZs, as tabulated in Table 2-2. The population density map is presented in Figure 2-2. This figure depicts densely populated areas near the downtowns of Safford, Thatcher and Pima, with outlying areas of lower density residential.

Figure 2-1: Study Area Traffic Analysis Zones (TAZ)

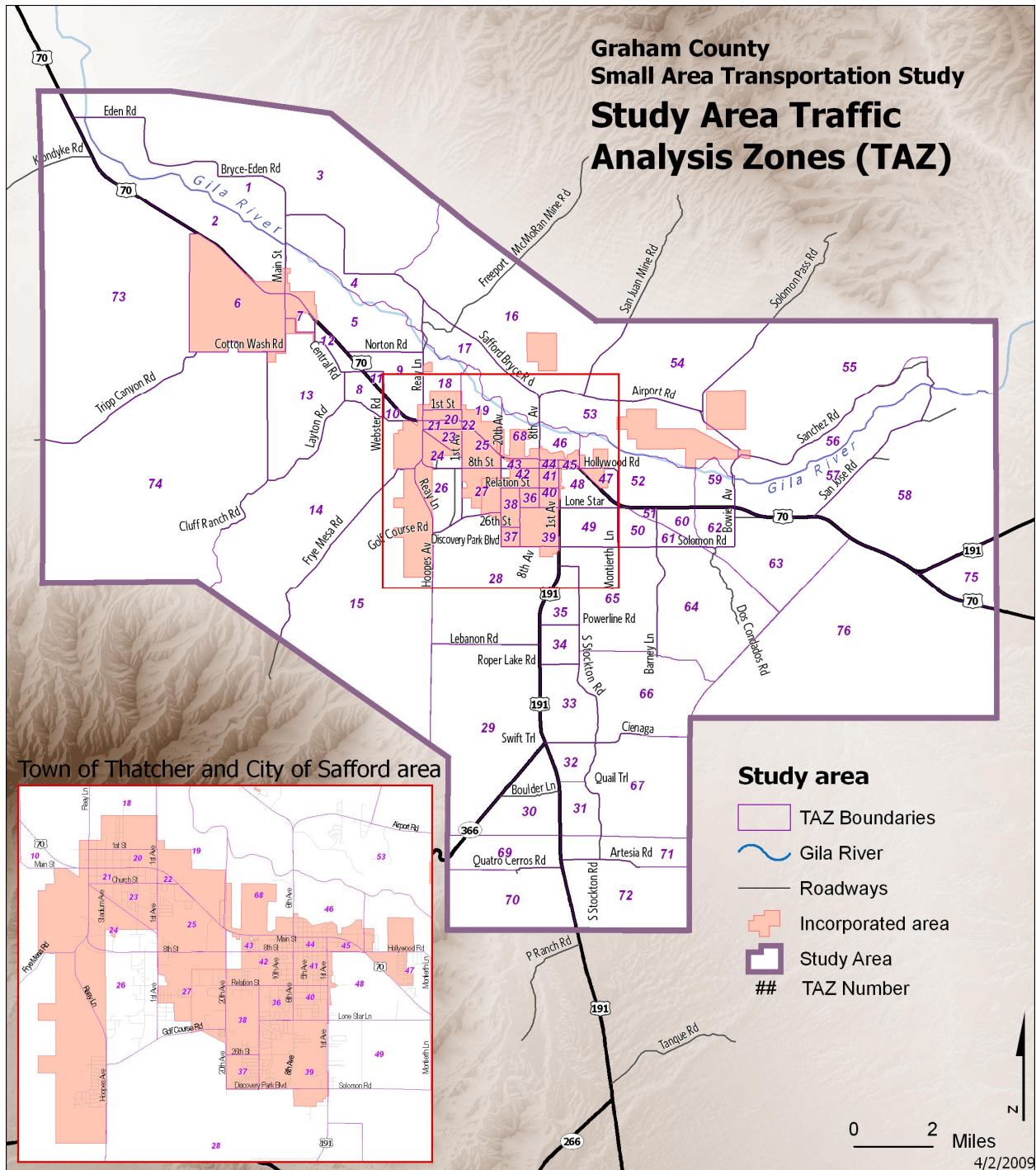
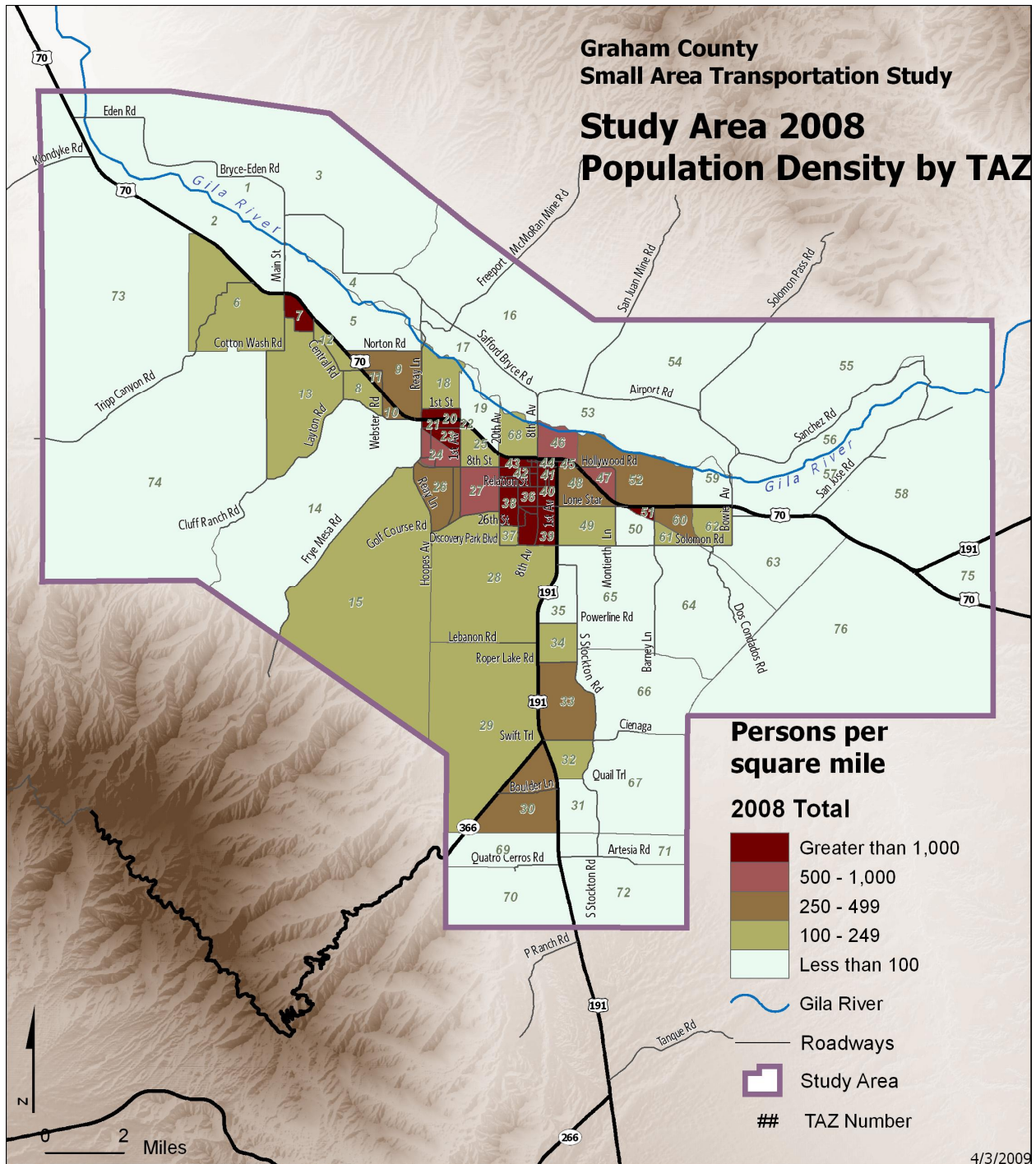


Table 2-2: Existing Population by TAZ 2008

TAZ	Existing Population	TAZ	Existing Population
1	112	40	1,057
2	462	41	1,094
3	132	42	942
4	125	43	1,024
5	299	44	210
6	1,258	45	334
7	526	46	785
8	133	47	392
9	548	48	281
10	57	49	316
11	55	50	32
12	69	51	286
13	713	52	882
14	285	53	385
15	2,527	54	8
16	309	55	68
17	247	56	95
18	205	57	429
19	95	58	1,250
20	814	59	8
21	913	60	234
22	60	61	39
23	906	62	115
24	528	63	432
25	181	64	71
26	683	65	275
27	738	66	42
28	1,846	67	44
29	1,232	68	127
30	1,225	69	50
31	112	70	0
32	111	71	0
33	796	72	0
34	131	73	20
35	60	74	155
36	961	75	0
37	30	76	25
38	850	<b>Total</b>	<b>34,270</b>
39	2,429		



Figure 2-2: Population Density by TAZ 2008



## Employment

The current labor force in the project study area is over 10,000 employees, half of which are in the three incorporated cities. Major employers are listed in Table 2-3 and all employer locations are shown graphically in Figure 2-3 and Figure 2-4. A complete list of employers with address location is included in Appendix A.

Table 2-3: Study Area Major Employers

<b>Company Name</b>	<b>Community</b>	<b>Number of Employees</b>	<b>Employment Type</b>
Freeport-McMoRan Copper & Gold	Safford	1081	Mining Companies
Eastern Arizona College	Thatcher	583	Schools
Mt Graham Regional Medical Center	Safford	520	Hospitals
Safford Prison	Safford	485	Government
Safford Unified School District	Safford	389	Schools
Wal-Mart	Safford	290	Retail
Graham County Government	Safford	270	Government
Safford City Government	Safford	198	Government
Arizona State Government	Safford	189	State Government
Impressive Labels	Safford	175	Manufacture
Federal Prison	Safford	150	Federal Government
Thatcher Unified School District	Thatcher	150	Schools
Pima Unified School District	Pima	136	Schools
Thrift Food & Drug-IGA	Safford	120	Grocers-Retail
Infinia At Safford	Safford	105	Nursing & Convalescent Homes
Home Depot	Thatcher	80	Home Centers
Haralson's Auto and Tire	Safford	70	Retail
Bashas'	Thatcher	65	Grocers-Retail
Bureau of Land Management	Safford	60	Federal Government
Safeway	Thatcher	57	Grocers-Retail
Az Dept Of Economic Security	Safford	50	State Government
Thatcher City Government	Thatcher	47	City Government
Graham County Electric	Pima	40	Utilities
US Forest Svc Warehouse	Safford	19	Government

Source: InfoUSA data and Freeport-McMoRan, 2008

Table 2-4 tabulates the distribution of total employment into the TAZs. The distribution of employment by TAZ is presented graphically in Figure 2-5. The data used includes that shown in Appendix A and was supplemented by detailed analysis of existing farm employment in the region, as shown in Appendix B.

Figure 2-3: Study Area Employer Distribution

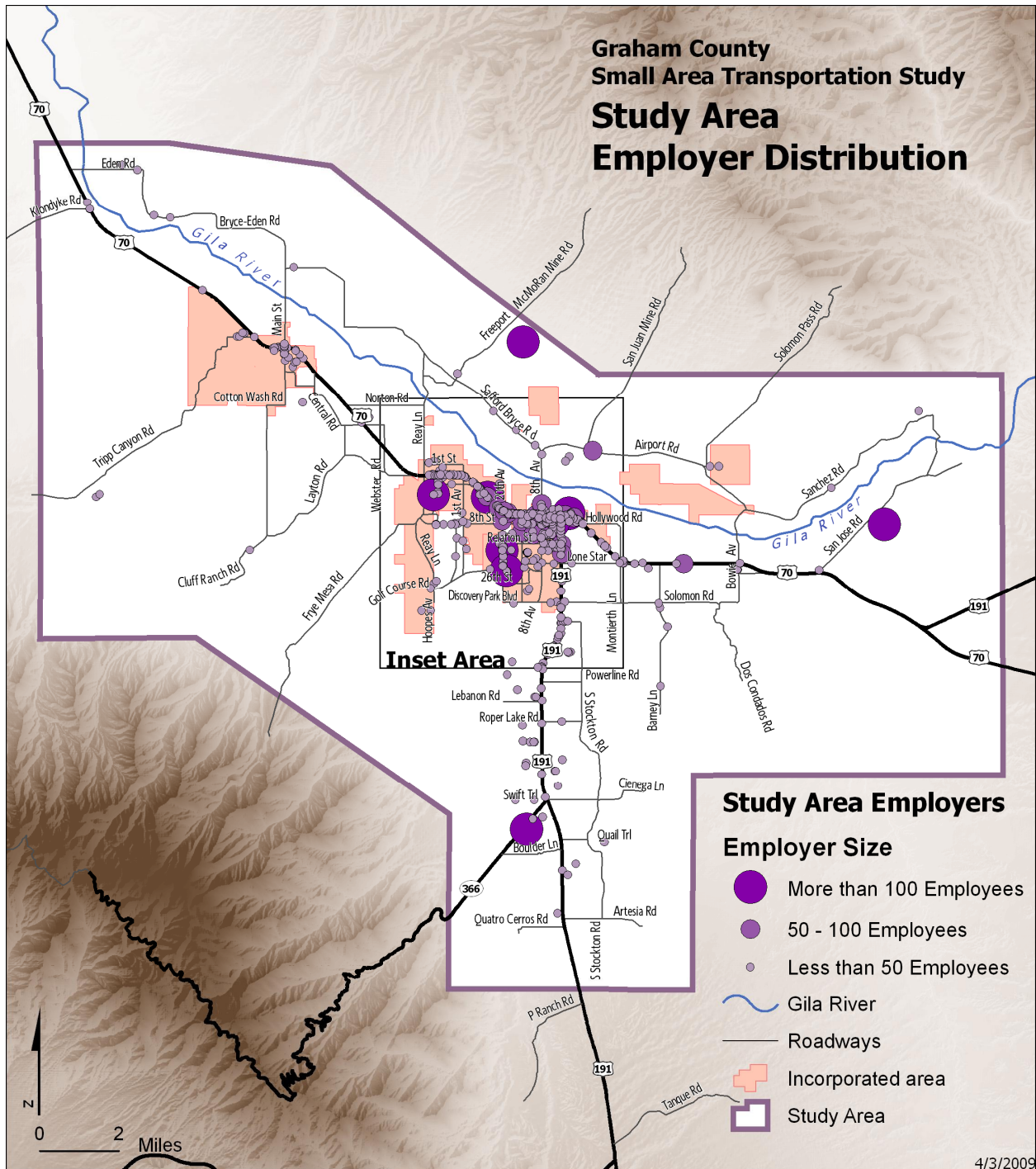


Figure 2-4: Employer Distribution (Inset)

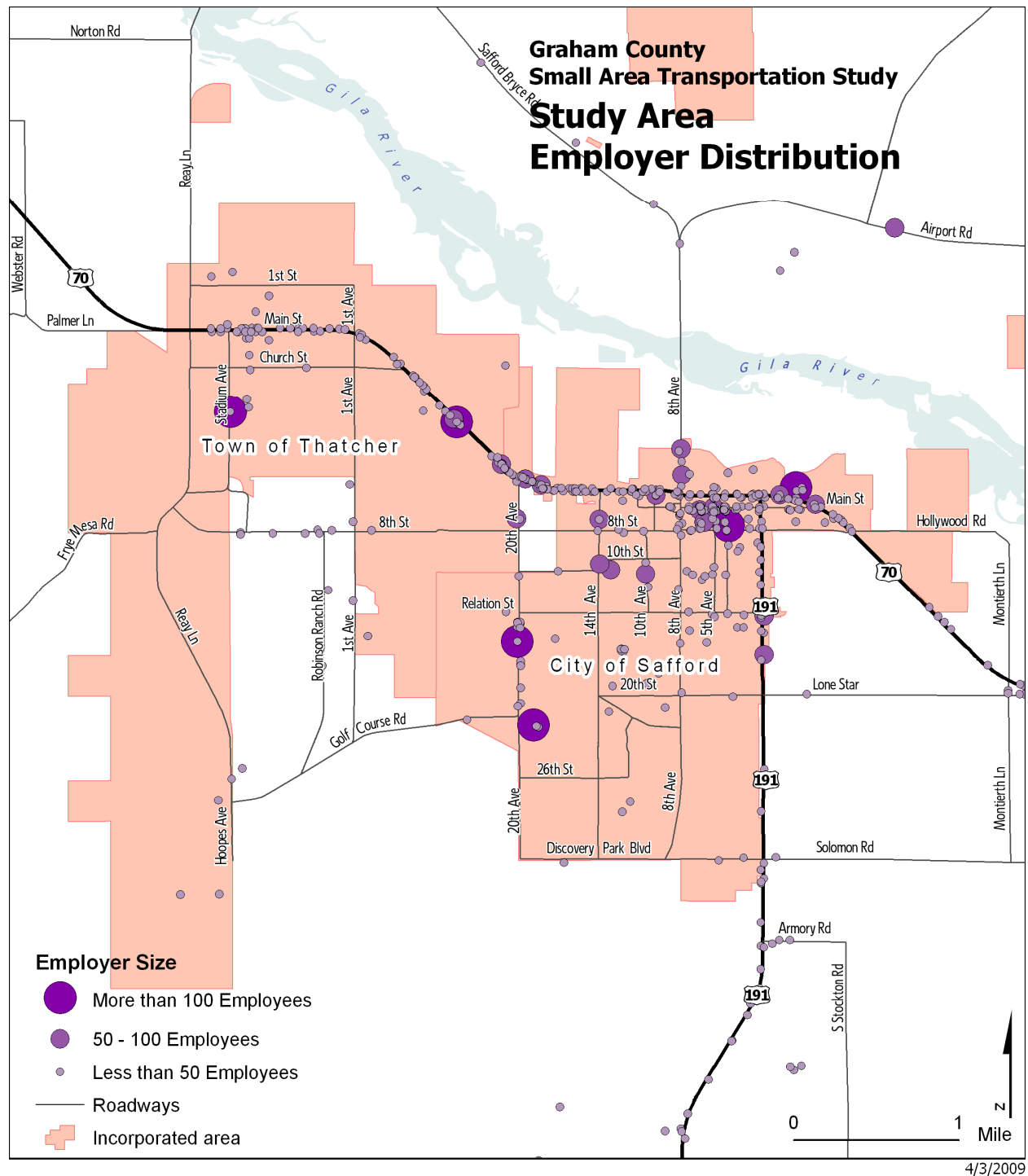
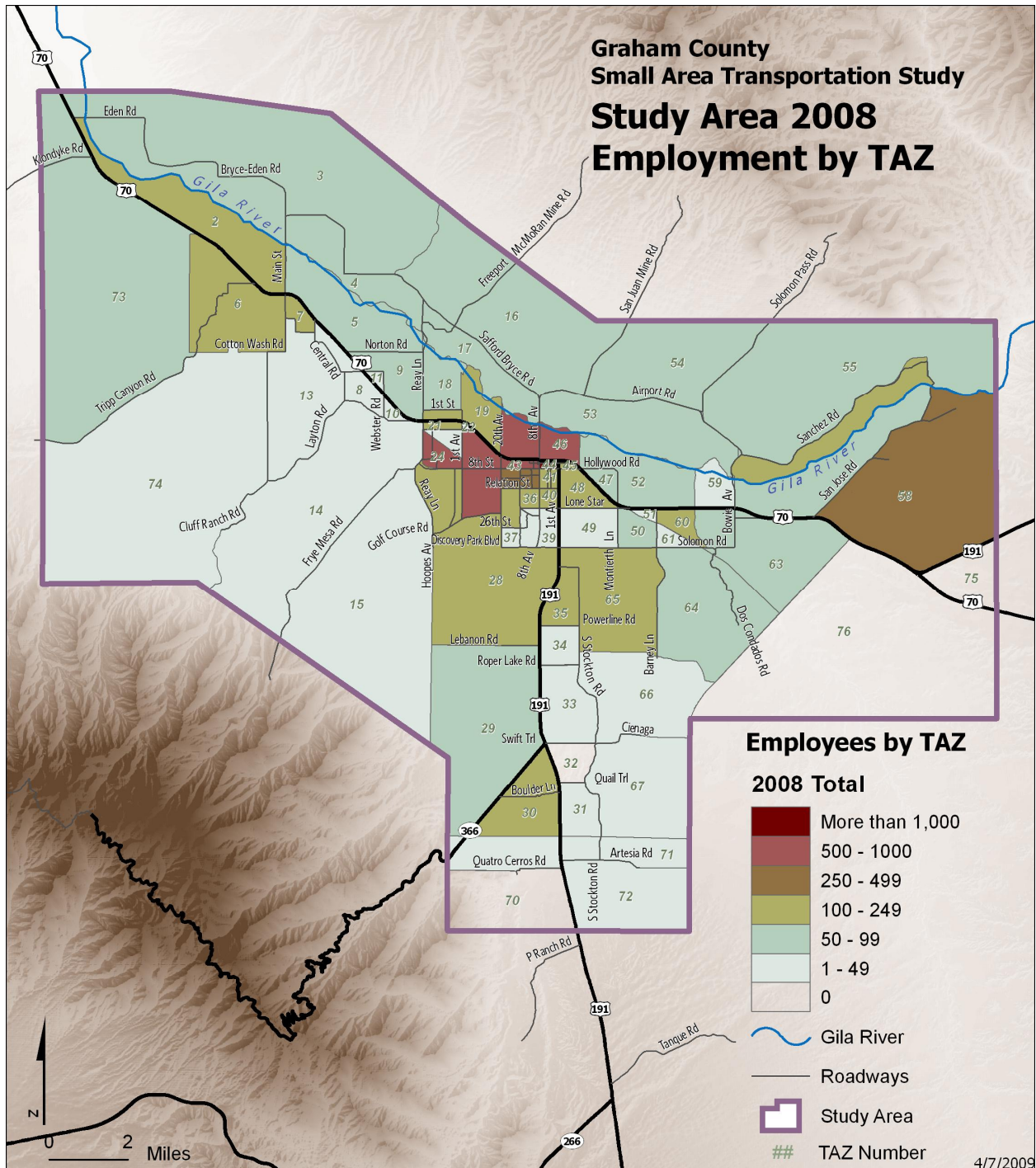


Table 2-4: Existing Employment by TAZ 2008

TAZ	Existing Employment	TAZ	Existing Employment
1	58	40	129
2	158	41	113
3	72	42	250
4	59	43	762
5	93	44	1,110
6	167	45	155
7	161	46	586
8	19	47	62
9	56	48	134
10	16	49	33
11	16	50	55
12	45	51	26
13	17	52	72
14	22	53	61
15	9	54	50
16	94	55	55
17	74	56	144
18	70	57	50
19	182	58	490
20	149	59	45
21	246	60	160
22	49	61	31
23	24	62	72
24	612	63	72
25	891	64	58
26	107	65	120
27	629	66	2
28	182	67	3
29	57	68	528
30	13	69	4
31	8	70	0
32	0	71	4
33	15	72	1
34	15	73	71
35	160	74	11
36	107	75	0
37	5	76	0
38	149	<b>Total</b>	<b>10,132</b>
39	44		

Figure 2-5: Employment by TAZ 2008



### 2.3. ENVIRONMENTAL JUSTICE

Title VI of the Civil Rights Act of 1964 and related statutes assure that individuals are not subjected to discrimination on the basis of race, color, national origin, age, sex, or disability. In February 1994, President Clinton signed Executive Order 12898, “Federal Actions to Address Environmental Justice in Minority Population and Low-Income Population.” The purpose of the Executive Order was to focus attention on the “environmental and human health conditions in minority communities and low-income communities with the goal of achieving environmental justice.” The Executive Order does not supersede existing laws or regulations; rather, it requires consideration and inclusion of these targeted populations as mandated in previous legislation, including:

- Title VI of the Civil Rights Act of 1964
- National Environmental Policy Act of 1969 (NEPA)
- Section 309 of the Clean Air Act
- Freedom of Information Act

The U.S. Department of Transportation issued its final order to implement the provisions of Executive Order 12898 on April 15, 1997. This final order requires that information be obtained concerning the race, color or national origin, and income level of populations served or affected by proposed programs, policies, and activities. It further requires that steps be taken to avoid disproportionately high and adverse impacts on these populations.

One of the first steps in assuring environmental justice is the identification of those populations specifically targeted by the Executive Order – minority and low-income populations.

According to the 2000 Census, the racial composition of the Graham County study area was predominantly white, with about 32.9 percent minorities. Racial demographics for the study area are shown in Table 2-5.

Table 2-5: Graham County 2000 Racial Demographics

<b>Area</b>	<b>White</b>	<b>African American</b>	<b>Native American</b>	<b>Asian or Pacific Islander</b>	<b>Other Race Alone</b>	<b>Two or more races</b>
Graham County	67.1%	1.9%	14.9%	0.6%	13.3%	2.1%
Safford	75.2%	1.4%	1.0%	1.0%	18.6%	2.9%
Thatcher	84.7%	0.8%	1.8%	0.6%	9.9%	2.2%
Pima	87.0%	0.2%	0.8%	0.1%	9.9%	2.1%

Source: U.S. Census Bureau, 2000 Census

The Executive Order also requires the consideration of persons older than 60 years of age, as well as low income populations. According to the 2000 Census, approximately 16% of the population in Graham County is 60 years or older. Nearly 21% of Graham County residents live below the poverty level. Socioeconomic data for Graham County and the three incorporated cities are listed in Table 2-6.

Table 2-6: Graham County 2000 Socioeconomic Data

Category	Graham County	Safford	Thatcher	Pima
Female	47%	52%	53%	51%
Male	53%	48%	47%	49%
Persons with disability	30%	37%	23%	43%
Persons over age 60	16%	21%	16%	18%
Persons living below the poverty level	21%	17%	19%	20%

Source: U.S. Census Bureau, 2000 Census

## 2.4. EXISTING STREET SYSTEM

The existing street system (Year 2007) within the study area is currently served by an arterial street system, collectors, and local streets. ADOT manages three highways in the study area: US 70, US 191, and SR 366. These highways serve as major roadways in the street network within the study area and distribute local and regional traffic.

### ADOT Facility Descriptions

#### US 70

The US 70 is an east-west highway that connects the study area to New Mexico in the east and to Globe to the west. It is the main route through the Graham County area and is used by visitors and recreational users to access San Carlos Lake and other attractions. There are approximately 29 miles of US 70 in the study area. According to the State Highway Log System, it is currently classified as a principal arterial in the urbanized area, and as a rural minor arterial outside the urbanized area.

#### US 191

The US 191 is a north-south highway that serves as the major regional route within the Safford region, connecting Safford with I-10. According to the State Highway Log System, it is currently classified as a rural minor arterial south of Safford City and as a principal arterial within the urbanized area. The US 191 provides access to the Graham County Park, fairgrounds, and Roper Lake State Park. Approximately 15 miles of the highway is within the study area.



### SR 366

The SR 366 departs from US 191 approximately eight miles south of Safford and heads westward to the top of Mount Graham. The roadway provides access to the Safford Federal Correctional Facility, as well as the University of Arizona Binocular Telescope Facility. It is classified as a rural minor collector in the State Highway Log System.

### Number of Lanes

The number of lanes for all of the arterials and collectors within the study area was inventoried for roadway capacity calculation. The data collected is based on the 2007 HPMS database and supplemented by more recent information provided by the TAC. Although there are other factors such as access and traffic control devices, the roadway number of lanes is the most significant factor that affects the capacity of a street.

Figure 2-6 and Figure 2-7 illustrate the number of lanes on each road for the existing condition. Five-lane roadways are comprised of four through lanes plus a continuous center left-turn lane. Similarly, 3-lane roadways have two through lanes and a continuous center two-way left-turn lane. The majority of the roads in the area have two through lanes with the exception on US 70 and US 191, which have four through lanes in the incorporated urban area.

### Functional Classification

Functional classification, the grouping of roadways by the character of service they provide, was developed for transportation planning purposes. According to the "Arizona Functional Classification Guidelines", urban and rural areas have fundamentally different characteristics as to density and types of land use, density of street and highway networks, nature of travel patterns, and the way in which all of these elements are related in the definitions of highway function. An "urban area" is defined as an urban cluster and/or urbanized area. Within the study boundary, the Safford-Thatcher-Pima metropolitan area is classified as an urban area. The entire territory outside of the urban boundary consists of rural area within the study area. The characteristics of the roadways serving both rural and urban areas, as defined in ADOT's "Arizona Functional Classification Guidelines", are described below:

**Rural Principal Arterial Highways:** Serve high volume, long distance trips and provide high speed travel and minimal interference to through movement.

**Rural Minor Arterial Road:** Serve most of the larger communities not served by the principal arterial system, provide trip length and travel density greater than those served by collector systems, and provide relatively high travel speeds with minimum interference to through movement.

**Rural Collector System:** Serve travel of intra-county and regional importance, rather than statewide importance. Serve shorter trips and provide more moderate speed than arterial routes. All rural state highways that are not arterial highways will be on the rural collector system as either major or minor rural collectors. Rural minor collectors tend to have lower traffic volume than rural major collectors, carry traffic over a shorter distance than a major collector; or carry traffic on trips to less important intra-county traffic generators.

**Rural Local Roads:** Serve primarily to provide access to land uses adjacent to collector and arterial roadways. Tend to have lower traffic speed limits and lower traffic volumes.

**Urban Principal Arterials:** Carry trips of longer length; provide the greatest mobility and highest speed for through movement. Serve the highest traffic volume generators and the major centers of activity of a metropolitan area.

**Urban Minor Arterial:** Provide trips of moderate length. Provide lower travel mobility and lower speed limits than urban principal arterials.

**Urban Collectors:** Distribute traffic from arterials and collect traffic from local streets into the arterial system.

**Urban Local Streets:** Provide direct access to the adjacent land. Provide the lowest travel mobility and lowest posted speed limits.

The existing functional classification system for the Graham County study area, based on the federal Highway Performance Monitoring System (HPMS), is shown in Figure 2-6. An inset map for the Safford-Thatcher area is shown in Figure 2-7. As illustrated on the map, the study area is currently served by US 70 and US 191, which provide regional access to the study area from outside of Graham County.

Figure 2-6: Number of Lanes 2007

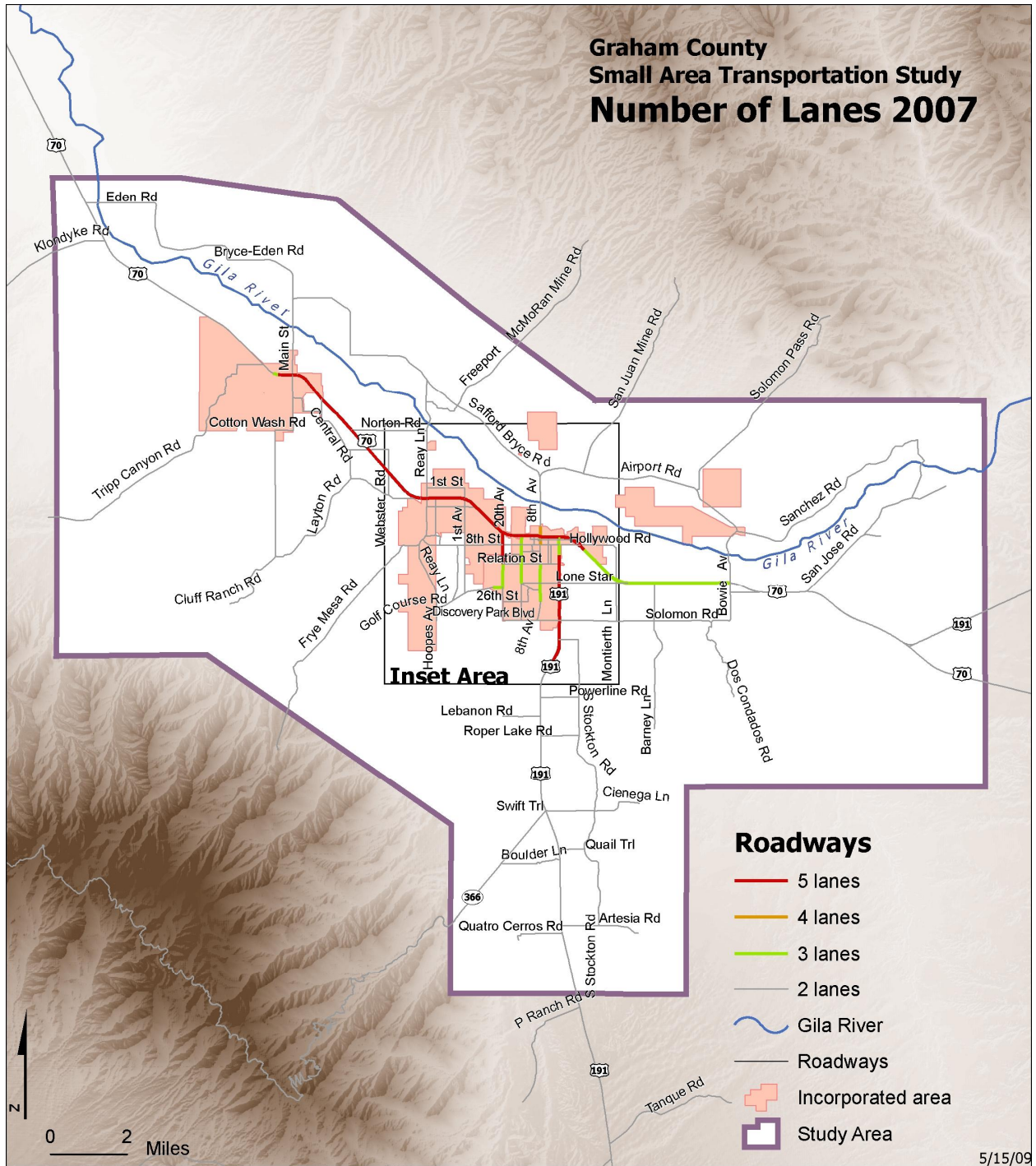


Figure 2-7: Number of Lanes 2007 (Inset)

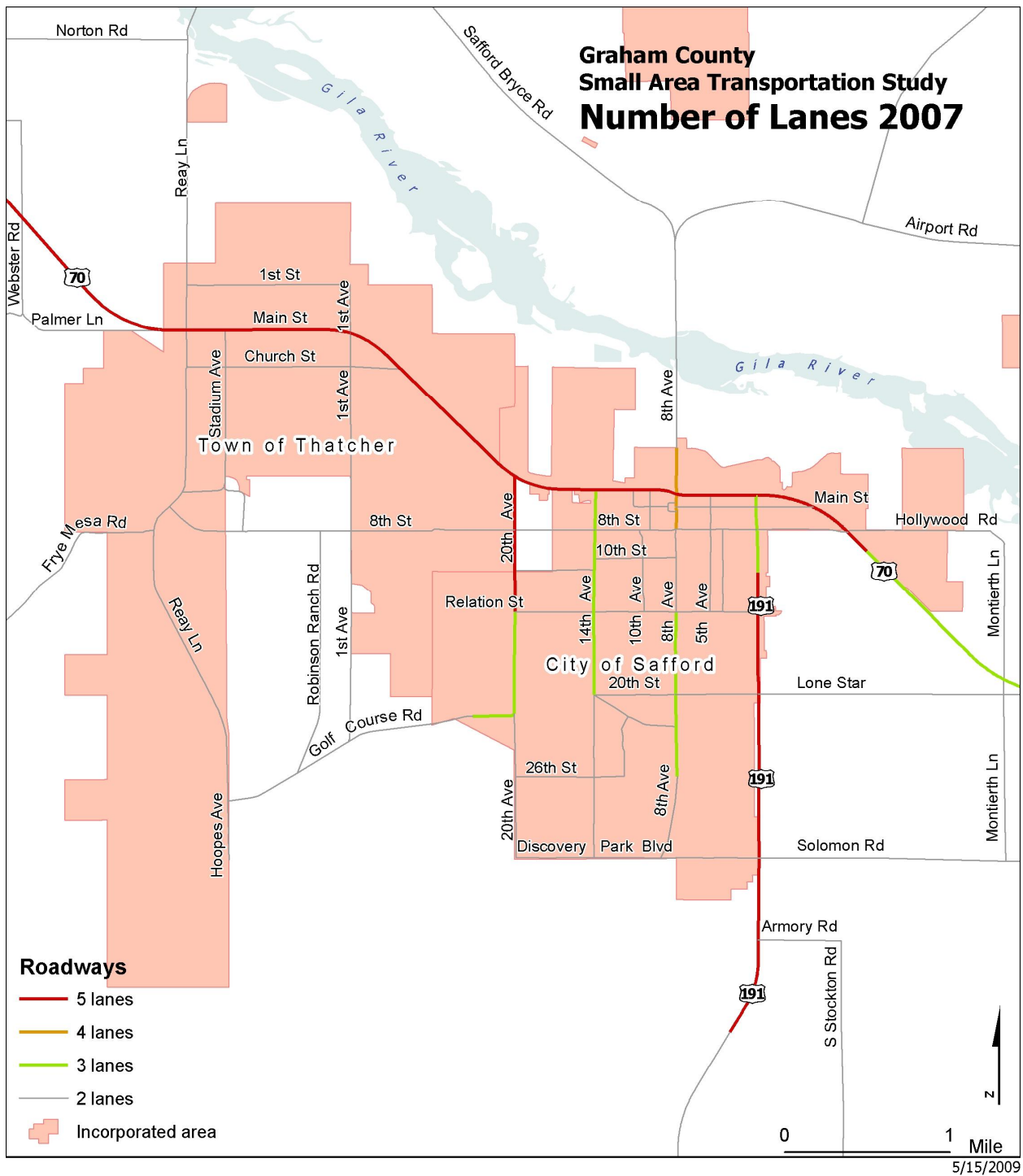


Figure 2-8: Functional Classification 2007

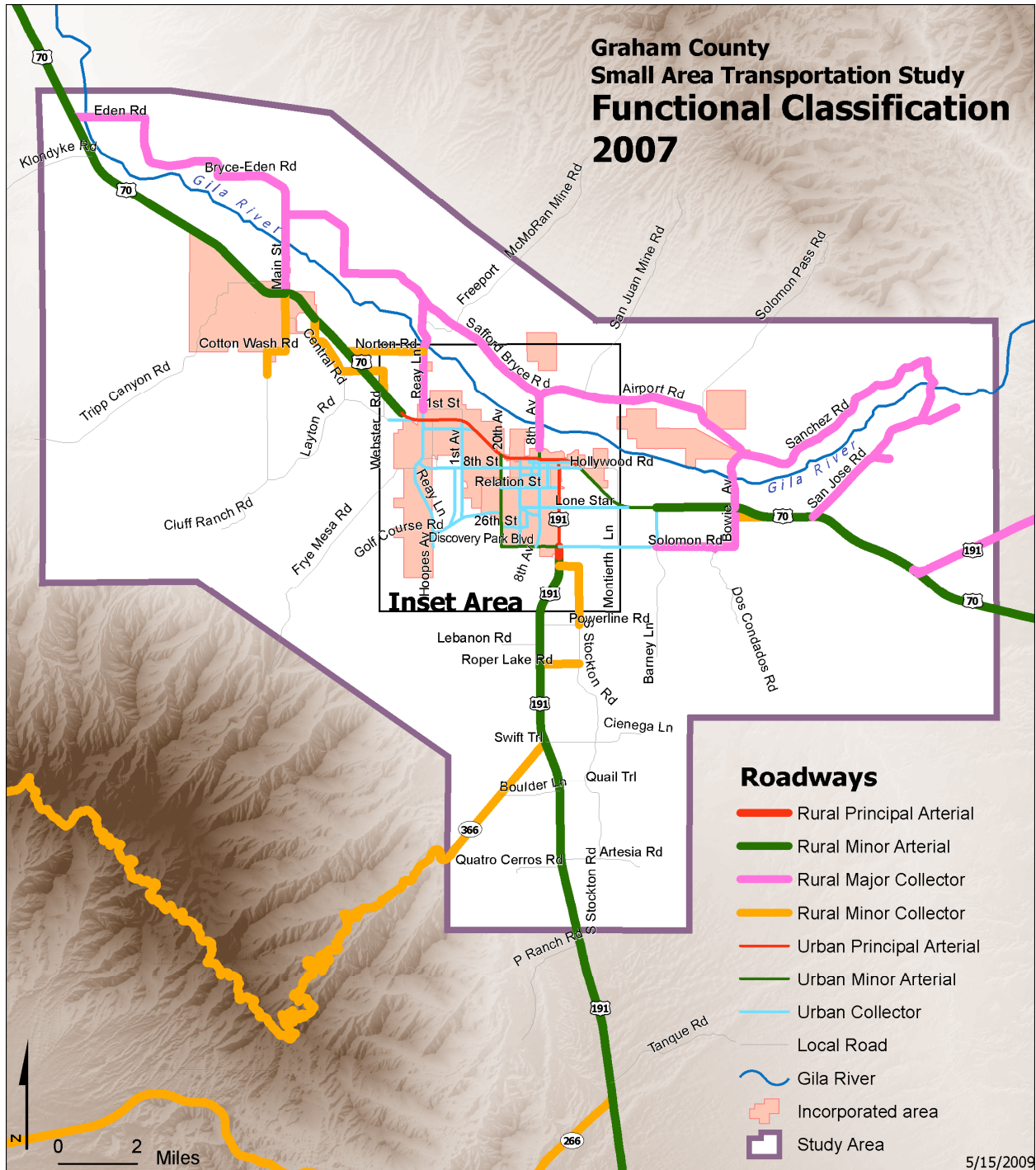
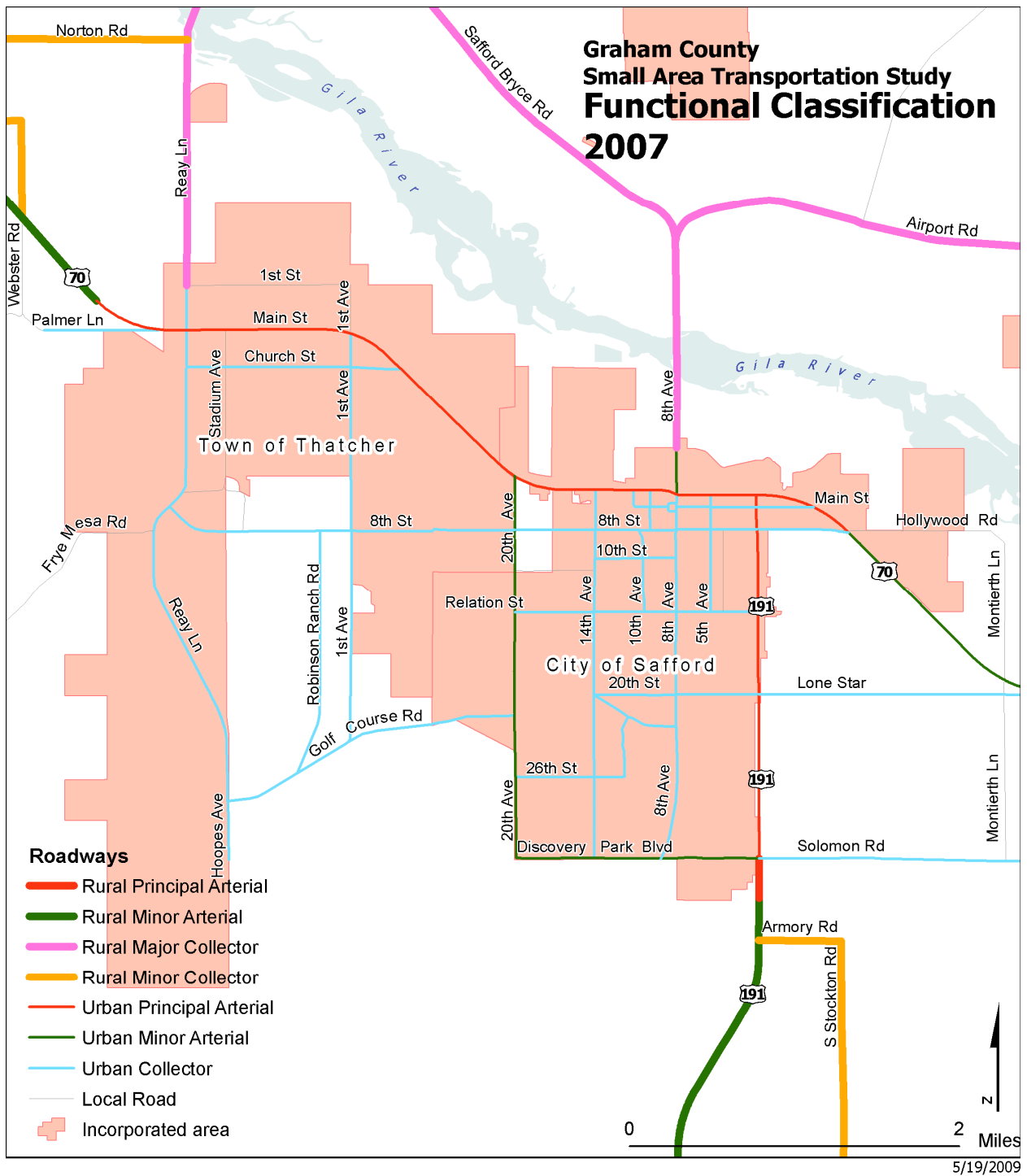


Figure 2-9: Functional Classification 2007 (Inset)



## 2.5. OTHER MODES OF TRANSPORTATION

Other modes of transportation in the study area include transit, bicycle and pedestrian activity. These are summarized below.

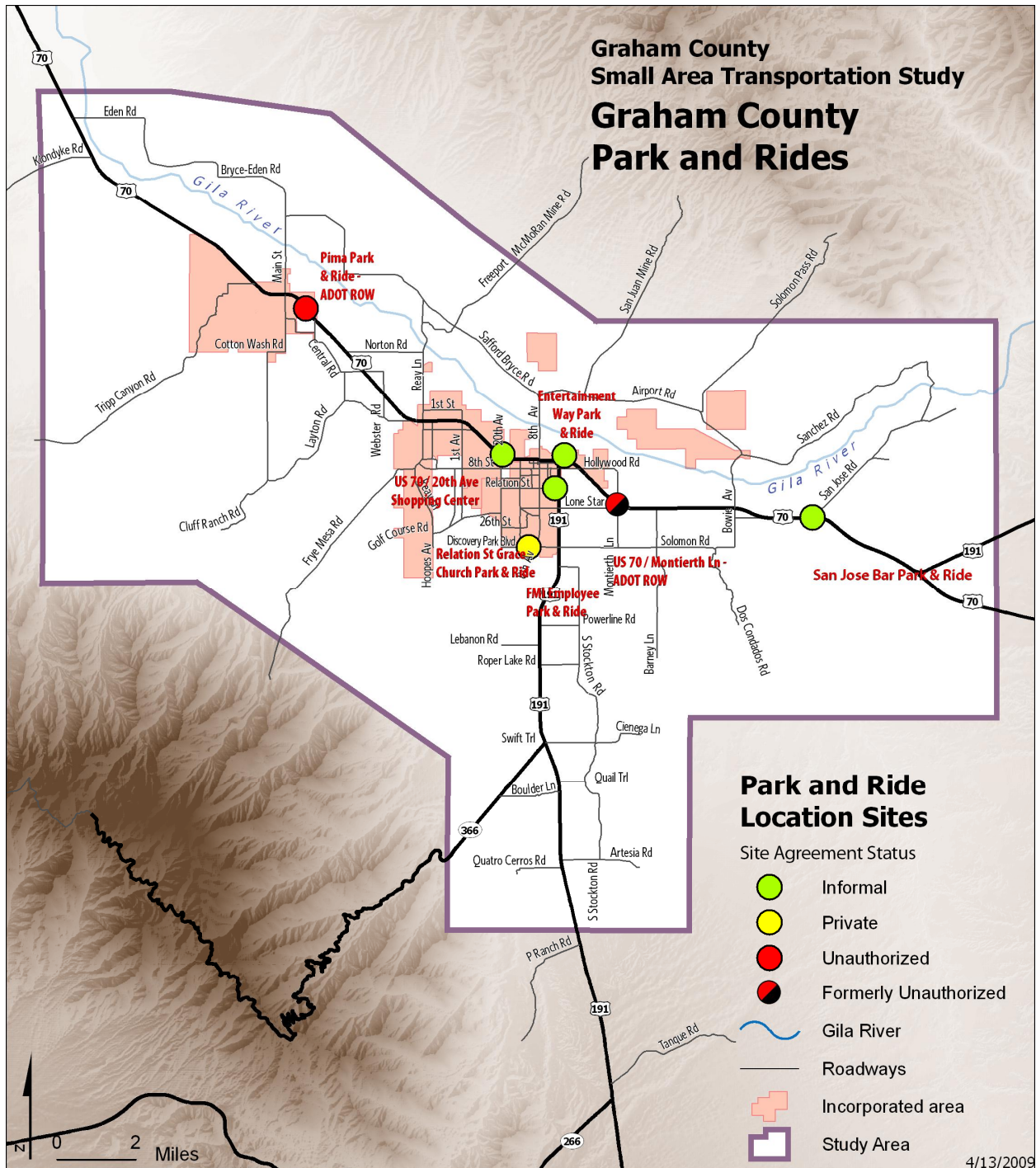
### Transit

Currently, the only public transit service available in the Graham County study area is provided by South Eastern Arizona Community Action Program, Inc. (SEACAP), using one vehicle. The need to provide public transportation in the area has been addressed by community leaders who commissioned a feasibility study to determine the transit needs of the community, the Graham County Transit Feasibility Study, completed in 2007. This feasibility study's objectives were to identify transit dependent populations, the need for connections between major community activity centers and funding alternatives. The results of the feasibility study indicated that there is demand for public transit services and recommended operating various fixed routes. However, community leaders continue to address the complexity of funding and management issues and no transit service has yet been.

Additionally, several private and informal park and ride facilities are located throughout the region, as shown in Figure 2-10. Most are used by employees of the Freeport-McMoRan mine. The mine offers a shuttle service for some employees. Other locations are used by workers who have coordinated private carpools.

In subsequent sections, this study will recommend transit service based on data from the feasibility study, as well as park and ride locations based on demand and funding options.

Figure 2-10: Park and Ride Facilities





## Bicycle System

The 1998 Graham County Transportation Study included a Bicycle Element that has been used as a guide for the county-wide bicycle system development. The study identified a number of existing and proposed streets designated as bicycle routes and multi-use paths within the Eastern Arizona Railway right-of-way between Pima and Thatcher and along Gila River between Pima and Safford. The on-street striped bicycle lane needs to be four feet in width according to the guide, while an off-road multi-use path needs to have a minimum of 12-foot width. The guide required that provision for bicyclists be considered on all roadway improvements.

Additionally, the City of Safford and Town of Thatcher have completed a multi-use path and/or bicycle route system plans. All area bike and multimodal plans are shown in Appendix D.

All bicycle facilities in the area are divided into the following four categories:

- **Shared-Use Paths** – a paved pathway designated for the exclusive use of bicycles and other non-motorized vehicles in scenic recreational areas.
- **Bike Lanes** – a bicycle lane located on the paved area of a roadway shoulder for preferential use by bicyclists.
- **Bike Routes** – a roadway identified as a bicycle facility by guide signage only without special lane markings. Bicycle traffic shares the roadway with motor vehicles.
- **Wide Curb Lanes** – not officially designated as bikeways with at least 14 feet wide to accommodate cyclists.

The bicycle, if adequately planned for and utilized, can play an important role in the transportation system to enhance mobility and recreational riding.

## Pedestrian System

The two types of pedestrian facilities are sidewalks and multi-use paths. Sidewalks are an important element along urban roadways and near local activity centers such as schools, commercial centers and public recreation areas that attract significant pedestrian travel. In developing a pedestrian system, priority should be given to segments that would provide safe school routes or to enhance continuity of the system. Since the need to cross major streets often discourages walking, signalization or other protection of pedestrian crossings at these locations should be considered where warranted.

## 2.6. TRAFFIC CRASH DATA

Historical crash data for Graham County was obtained from the Arizona Department of Transportation, which consists of all city and county crash records. Table 2-7 is a summary of crash types for all vehicle crashes from 2001-2006.

The historical total crashes in Graham County indicate that three incorporated cities, Pima, Safford, and Thatcher, account for approximately 50% of total crashes in the study area every year. Statistics also shows that State Rural Roads have more crashes than Other Rural Roads.

Table 2-7: Total Crashes in Graham County 2001-2006

<b>CATEGORY</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Graham County	336	318	340	285	300	310
Pima	3	0	3	3	4	9
Safford	70	80	115	93	111	90
Thatcher	50	70	64	63	63	58
State Rural Roads	131	102	98	67	77	93
Other Rural Roads	82	66	60	59	45	60

Source: Arizona Department of Transportation Crash Facts Summary 1998-2006

The crash inventory was provided by the ADOT Traffic Record Group. A total of 1891 crashes were reported during the years 2001 to 2006 in the Graham County area. The top ten high crash locations were preliminarily identified based on the total number of crashes in six years. These locations will be further identified and analyzed based on accident rates developed using traffic volumes.

The spatial distribution of all the crashes in 2006, the most recent year of crash data, in Graham County is presented in Figure 2-11 and Figure 2-12.

As presented in Figure 2-13, the fatality rate of traffic crashes in Graham County increased from 2002 to 2006.

Figure 2-11: Traffic Crashes 2006

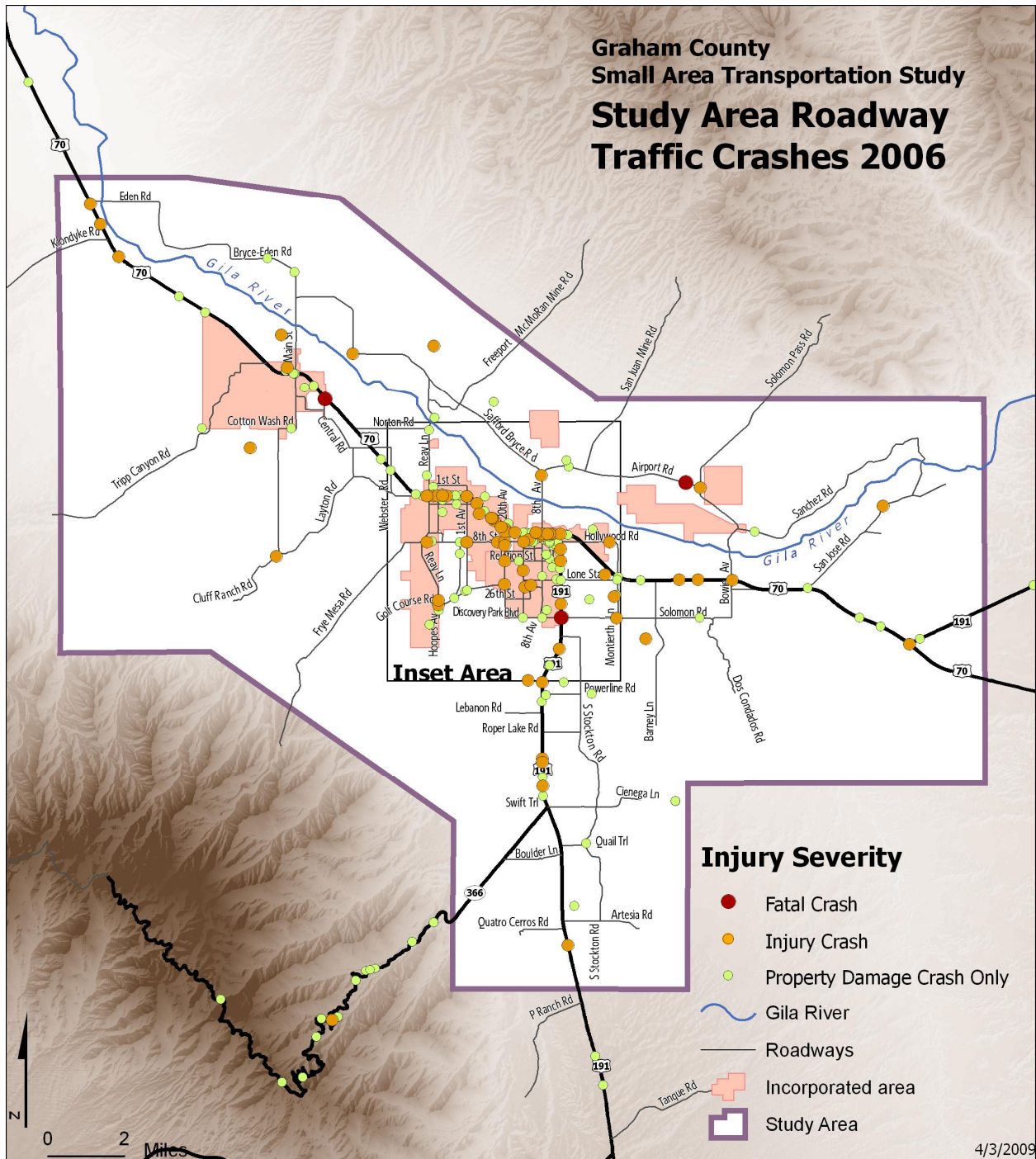


Figure 2-12: Traffic Crashes 2006 (Inset)

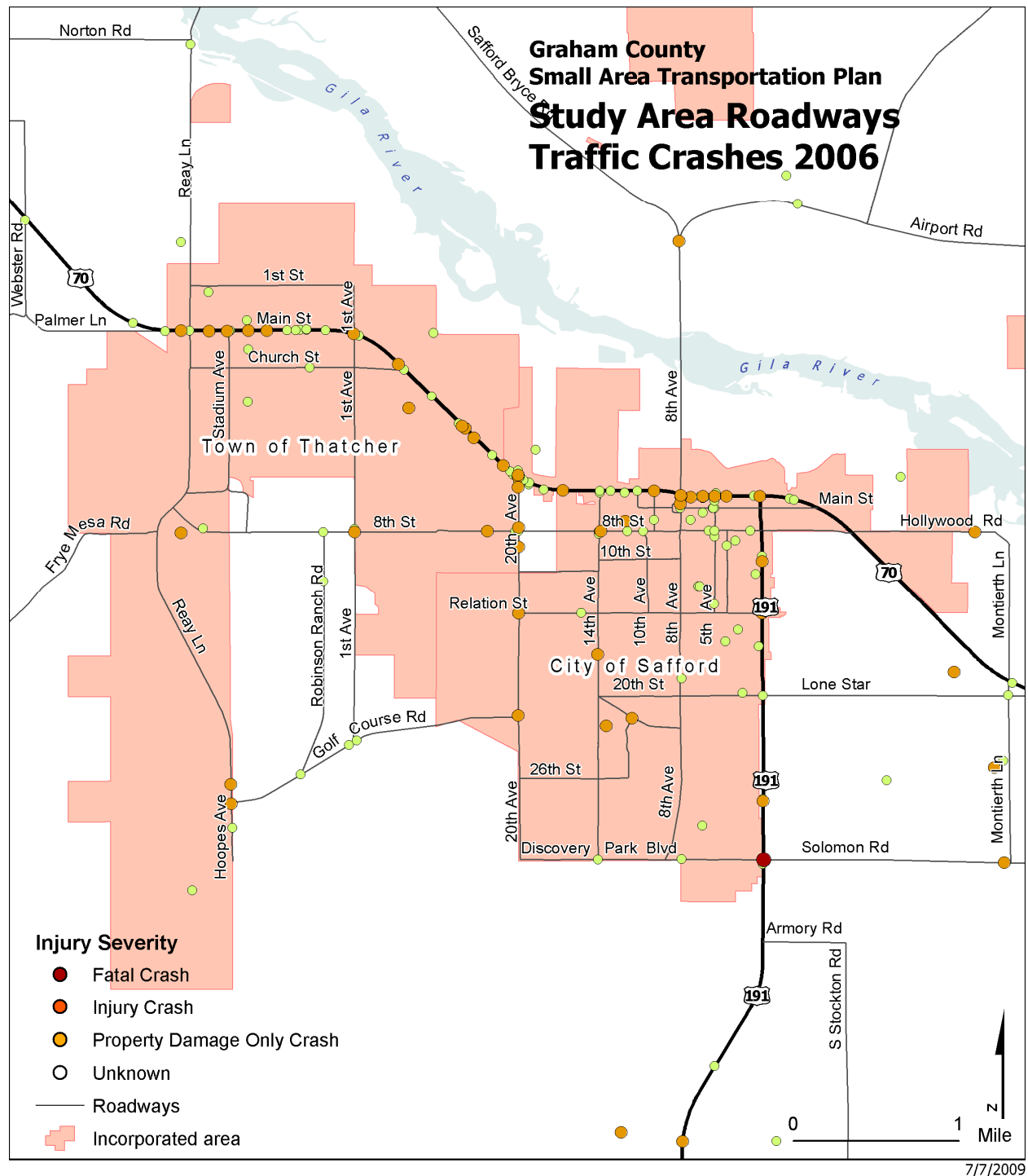
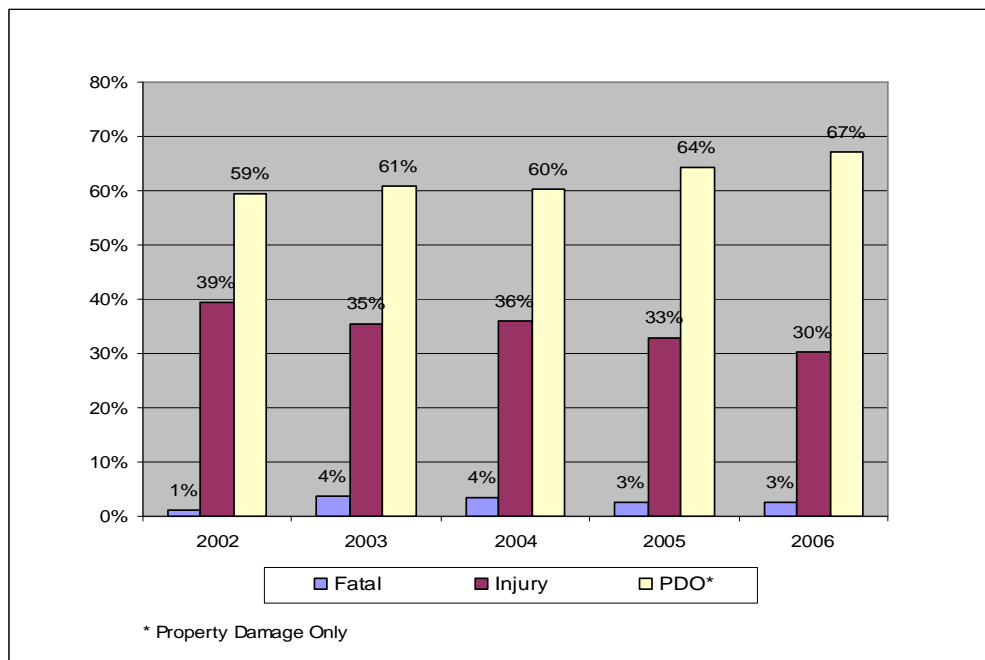


Figure 2-13: Graham County Traffic Crash Severity 2002-2006



A detailed description of all fatality crashes in Graham County in the past five years are summarized in Table 2-8. The total fatal crashes in Table 2-8 are categorized based on several criteria. One crash may be included in several categories.

Table 2-8: Graham County Fatal Crashes 2002-2006

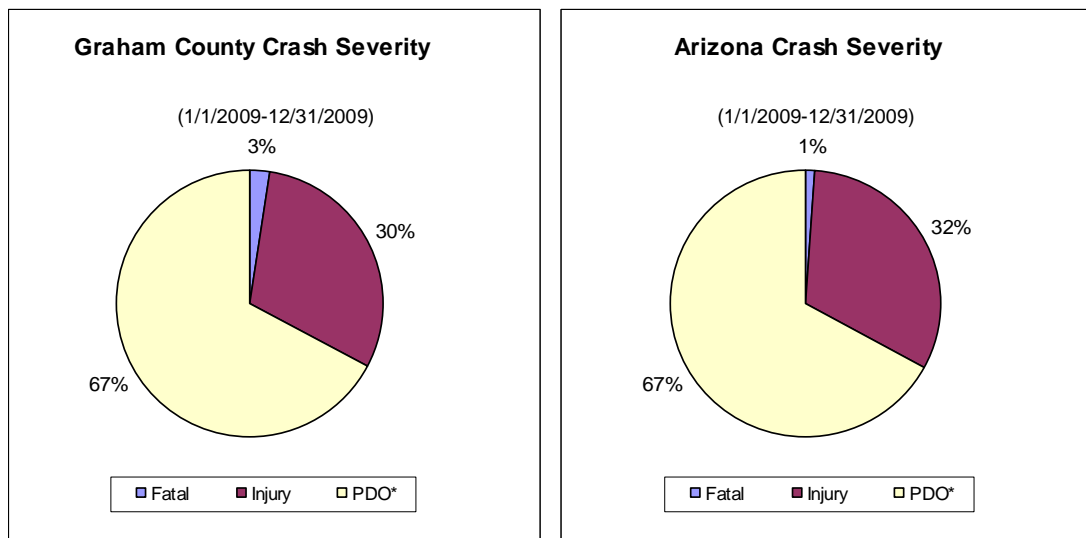
		2002	2003	2004	2005	2006
Fatality Counts	Total <sup>1</sup>	7	17	9	8	9
	Alcohol-related Crashes	2	5	3	3	7
	Single Vehicle Crashes	2	13	8	6	6
	Non-junction Crashes	3	11	6	6	5
	Within Intersection Crashes	0	2	0	1	3
	Intersection-related Crashes	0	0	1	0	1
	Speeding Involved Crashes	0	6	3	3	2
	Pedestrians	0	3	2	1	1
	Pedalcyclists	0	0	0	0	0
	Large Truck Involved Crashes	0	1	1	2	0
	Roadway Departure Crashes	3	12	4	3	4
	Motorcycle Riders	0	2	0	1	1

Source: National Highway Traffic Safety Administration (NHTSA) National Center for Statistics and Analysis

<sup>1</sup> Total Fatality Count is not a summation of the other lines

Comparing with the State data, the percentage of fatal crashes to total crashes in Graham County (3%) is higher than that of the State of Arizona (0.8%). The crash severity compared with the State data for the Year 2006 is shown in Figure 2-14.

Figure 2-14: Graham County vs. Arizona Crash Severity 2006

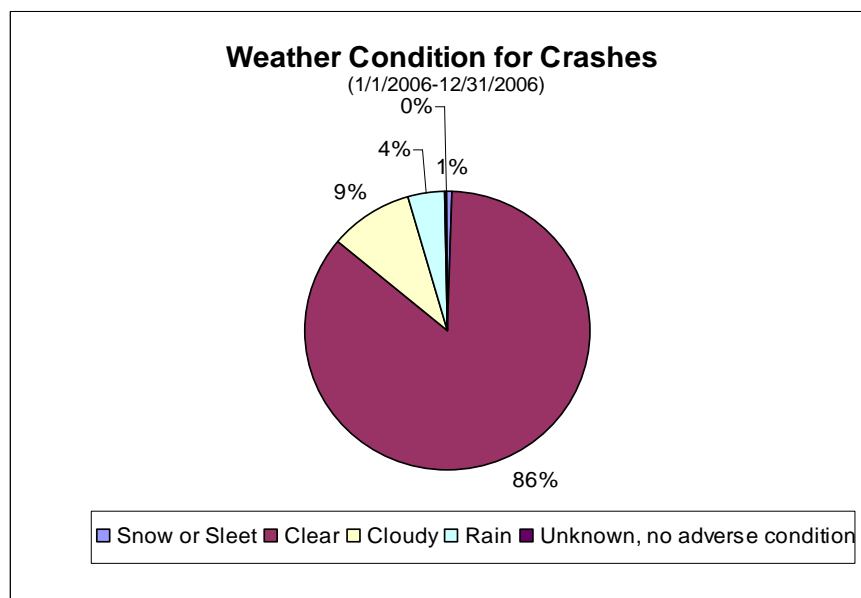


\*PDO: Property Damage Only

Source: Arizona DMV: Arizona Motor Vehicle Crash Facts 2006.

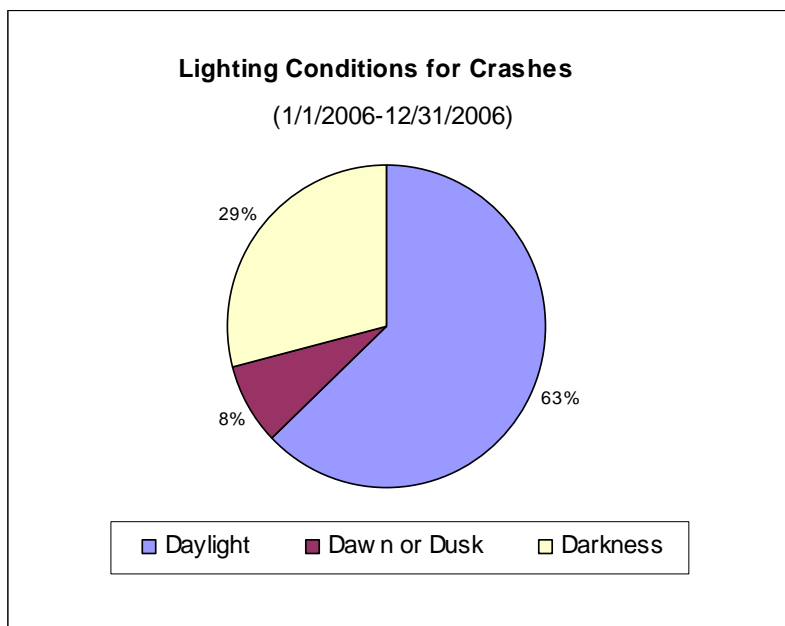
Several external factors (weather, lighting) that may relate to the crash are illustrated in Figure 2-15 and Figure 2-16.

Figure 2-15: Weather Conditions for Graham County Crashes 2006



Source: Arizona Department of Transportation Traffic Records Section, 2008

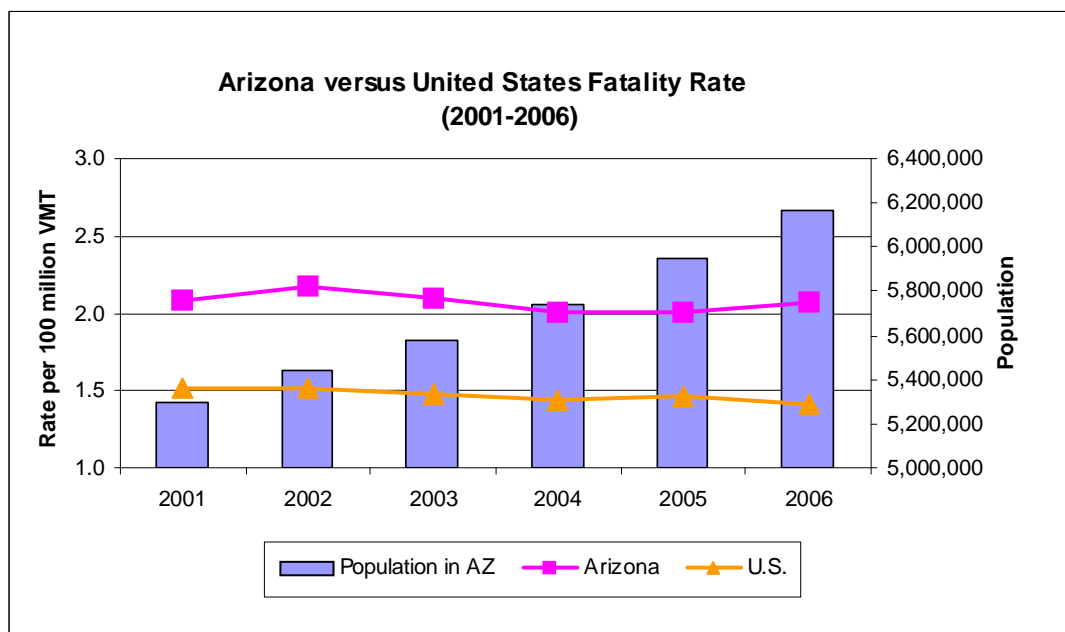
Figure 2-16: Lighting Conditions for Graham County Crashes 2006



Source: Arizona Department of Transportation Traffic Records Section, 2008

In comparing the Graham County crashes statistics with the state and national statistics, Graham County, despite having a much lower fatality rate based on the vehicle miles traveled than both the state the national level, has higher fatality rate in terms of the number of total population as shown in Figure 2-17. Figure 2-17 also shows the Arizona vs. the national fatality rate per 100 million VMT in the last five years.

Figure 2-17: U.S.-Arizona- Fatality Rate per 100 Million VMT 2001-2006



The data shows that the Arizona fatality rate per 100 million miles traveled has been generally stable in the last few years. As the number of fatalities is actually increasing, the fatality rate keep flat due to the annual increase in vehicle miles traveled in Arizona. However, the overall fatality rates based on 100 million miles traveled is much higher in Arizona than national rate. One reason is due to the dramatic population growth (22.9% from 2000-2006) in Arizona, which is more than three times higher than the national average.

The breakdown of total crashes in Arizona by type for the year 2006 is listed in Table 2-9. The breakdown of fatal crashes in Arizona in the year 2006 is shown in Table 2-10.

Table 2-9: Study Area Breakdown of All Crashes in Arizona 2006

TYPE	NUMBER OF CRASHES	PERCENT OF TOTAL
Fatal	1,121	0.8%
Injury	44,458	31.7%
Property Damage Only	94,618	67.5%
Rural	24,296	17.3%
Urban	115,901	82.7%
Alcohol Related	7,693	5.5%
Pedestrian	1,618	1.2%
Pedalcycle	1,815	1.3%
Motorcycle	3,333	2.4%
Single Vehicle	25,629	18.3%
Multi-vehicle	114,568	81.7%
<b>Total</b>	<b>140,197</b>	<b>100%</b>

Source: Arizona DMV: Arizona Motor Vehicle Crash Facts 2006.

Table 2-10: Study Area Breakdown of All Fatal Crashes in Arizona 2006

TYPE	NUMBER OF CRASHES	PERCENT OF TOTAL
Alcohol Related	266	23.7%
Urban	519	46.3%
Rural	602	53.7%
Single Vehicle	619	55.2%
Multi-vehicle	502	44.8%
Crashes on the Intersection of 2 Streets	203	18.1%
Road-departure Crashes	418	37.3%
Number of Times Airbags were deployed	360	32.1%
<b>Total</b>	<b>1,121</b>	<b>100%</b>

Source: Arizona DMV: Arizona Motor Vehicle Crash Facts 2006.



Table 2-11 and Table 2-12 identify the intersections on both state highways and local arterials with the highest number of crashes within the study area. It is observed that US 70 has several intersections with a high number of crashes in the Thatcher and Safford downtown areas. The intersections on US 191 with the most number of crashes were generally located south of Discovery Park Blvd.

Within Safford, the intersection of 20th Ave and 8th St is the intersection with the highest number of accidents. At this intersection, 38 crashes were recorded during the past six years.

Table 2-11: Study Area Top 10 High Crash Intersections on State Highways

On Road	At Road	Total Number of Crashes (2001-2006)
US 70	MP337+ (Church St)	26
US 70	8th Ave - Safford ( MP339)	26
US 70	14th Ave - Safford (MP338)	20
US 191	MP118+ (Armory Road)	14
US 70	MP336+	11
US 70	20th Ave	10
US 191	MP119+ (Discovery Park Blvd)	6
US 191	MP114+ (SR 366/Swift Trail)	6
US 70	US 191 South	6
SR 366	MP118+	6

Table 2-12: Study Area Top 10 High Crash Intersections on Local Arterials

On Road	At Road	Total Number of Crashes (2001-2006)
20th Ave	8th St	38
Main St	3rd Ave	12
20th Ave	Relation St	11
8th St	14th Ave	10
US 191	8th St	10
8th Ave	US 70	7
Main St (US 70) - Thatcher	College Ave	6
Main St (US 70) - Thatcher	Stadium Ave	6
8th Ave	8th St	6
Relation St	14th Ave	6

The roadway segments on state highways and local arterials with the most number of accidents are shown below. US 70 at MP337 was identified as the highest crash segment for the state highways where 32 crashes were reported. The section of 8th St close to 20th Ave is the top high crash location among the local arterials.

Table 2-13: Top 10 High Crash Roadway Segments on State Highways

On Road	At Segment	Total Number of Crashes (2001-2006)
US 70	MP337+0 to MP337+1592	32
US 191	MP118+0 to MP118+1448 (40th St - Armory Rd)	18
US 191	MP116+160 to MP116+1448 (Roper Lake Rd - Lebanon Rd)	12
US 70	MP341+0 to MP341+1448	12
US 191	MP117+0 to MP117+965 (Powerline Rd - Spradin Ln)	11
US 191	MP114+160 to MP114+1448 (Boulder Ln - Private Dr)	9
US 70	MP338+369 to MP338+1560	9
US 70	MP340+321 to MP340+1248	8
US 70	MP334+0 to MP334+1448	7
US 70	MP339+0 to MP339+1126	6

Table 2-14: Top 10 High Crash Roadway Segments on Local Arterials

On Road	At Segment	Total Number of Crashes (2001-2006)
8th St	Around 20th Ave	13
Klondyke Rd	Within 6 miles to US 70	12
Stadium Ave	Around Main St (US 70)	8
5th Ave	Around US 70	8
Main St - Safford	5th Ave	7
Sanchez Rd	Within 1 mile to Airport Rd	7
Stockton Rd	Within 0.5 mile to Roper Lake Rd	6
Main St	3rd Ave	4
Main St	4th Ave	4
Main St	Central Ave	4
US 191	Around 9th St	4
Stockton Rd	Within 0.5 mile to Quail Trail	4

In Safford, US 70 at 20th Ave and US 70 at 8th Ave were identified as high crash locations. These locations had 5 or more crashes in the years 2002-2006.

Locations with high frequency of crashes are listed below. It is recommended that these intersections and segments be further analyzed by the Highway Enhancements for Safety (HES) Team. This team will be able to recommend detailed improvements and countermeasures for traffic related problems at these locations.

- US 70 MP337.5
- US 70 and US 191
- US 70 and 8th Ave
- US 70 and 20th Ave
- US 70 and 6th Ave
- US 191 and Upper Solomonville Rd
- 20th Ave and 8th St

Mining and agricultural vehicles operations on major roadways were shown as a concern by residents; however, there is no apparent crash data associated with their travel on public roadways. It was identified that these vehicles operate at slow speeds, but are not affecting traffic safety significantly.

Pedestrian safety issues such as lack of sidewalks along streets and unmarked crosswalks were identified by many people as a concern. The primary concern was for children who walk to school and recreation centers. Inadequate traffic control devices such as stop signs, traffic signals, crosswalks, and street lights were also identified for specific road segments and intersections. Lighting improvements at Relation St and US 191 are recommended for general safety and mobility.

Additionally, the federal Safe Routes to School program may be beneficial to the Graham County region to provide funding assistance for safe pedestrian and bicycle facilities near schools. Safe Routes to School is a program that enables and encourages children, including those with disabilities, to walk and bicycle to school; to make bicycling and walking to school a safer and more appealing transportation alternative. The program facilitates the planning, development, and implementation of projects and activities that will improve safety.

The product of the program may include:

- Specific infrastructure improvements (sidewalk improvements, traffic calming devices) and non-infrastructure improvements (education campaigns) for which the local agency can receive federal funding,
- A Safe Route to School map on file with the local transportation department displaying preferred walking and bicycling travel routes within the school districts' established boundaries.

The development of a complete streets policy may also be beneficial in guiding future roadway design. The goal of a complete streets policy will be to ensure the accommodation of all transportation modes.

## 2.7. EXISTING TRAFFIC AND OPERATING CONDITIONS

This section presents the existing traffic and roadway characteristics and defines the methodologies utilized in the analysis of network performance. Included is a discussion of the existing operating conditions of the street system in the study area.

### Speed Limits

The US 191 has a posted speed limit of 55 mph along the majority of the project corridor. The posted speed limit is reduced to 45 mph and further reduced to 35 mph approaching the US 191/US 70 intersection in the City of Safford. The speed limits of other streets within the study area generally range from 25 miles per hour on the local streets to 35 and 45 miles per hour on the collectors and arterials in the urban area. Figure 2-18 shows the Graham County study area speed limits. An inset map for the Safford-Thatcher incorporated area is shown in Figure 2-19.

Figure 2-18: Speed Limits 2007

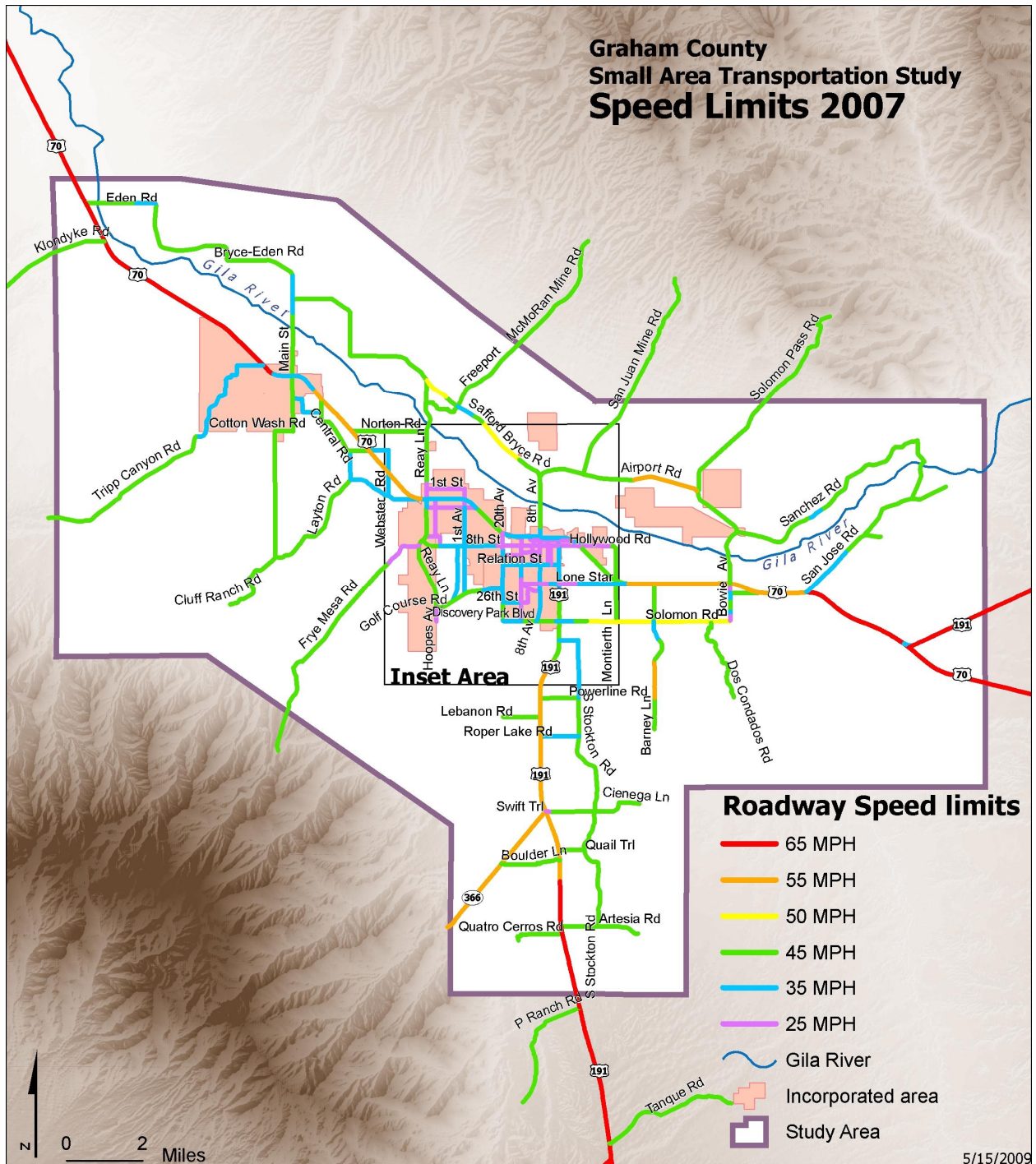
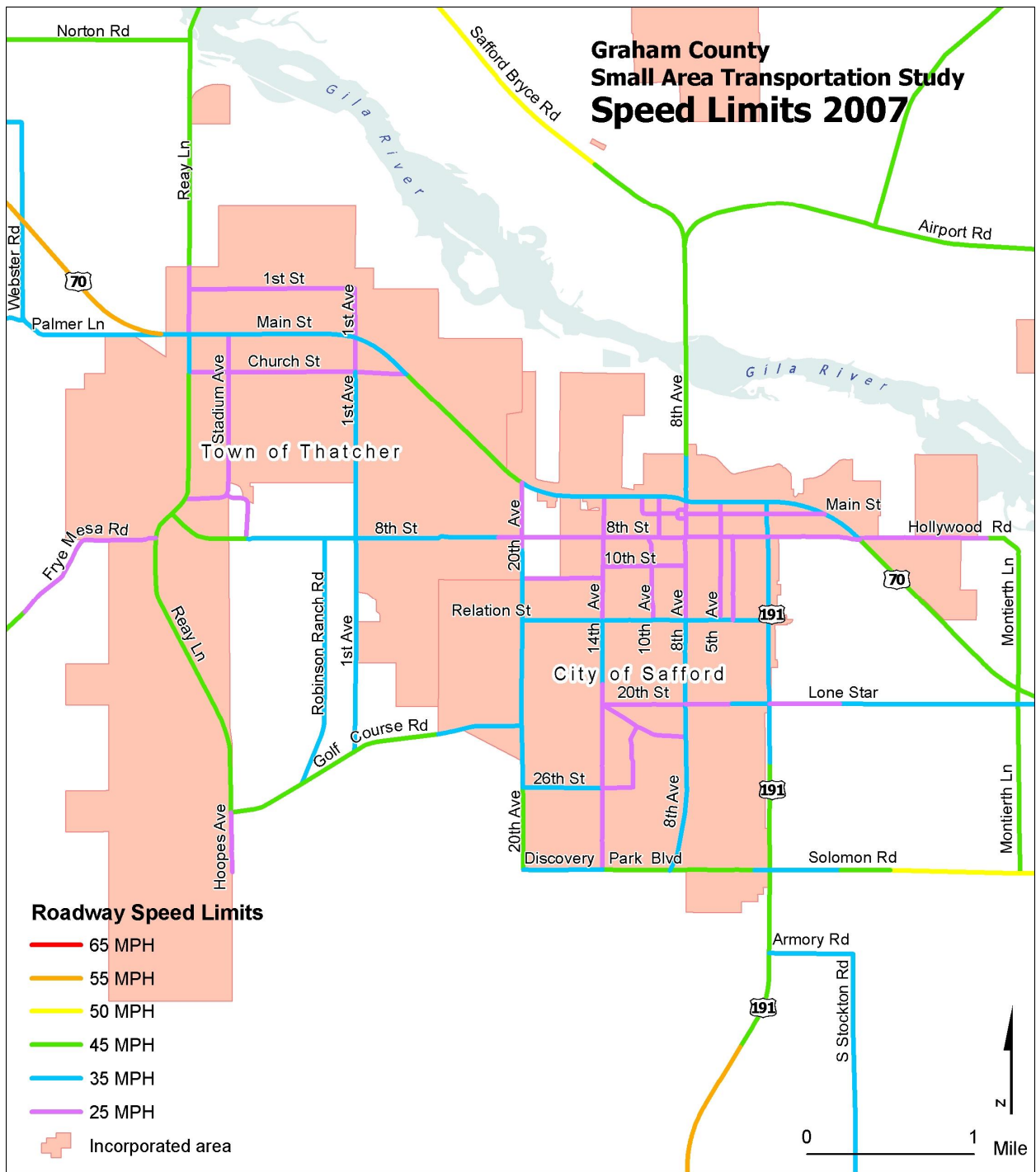


Figure 2-19: Speed Limits 2007 (Inset)



5/15/2009

## 2.8. EXISTING TRAFFIC

Existing (Year 2007) daily traffic volumes on the street system in the study area are shown in Figure 2-20 and Figure 2-21. The volumes on US 70 and US 191 were obtained from ADOT 2007 state highway traffic counts. Others were obtained from HPMS annual average daily traffic counts (2006) and the 2007 Safford City Transportation Study.

As shown in the figures, the highest daily traffic volumes are on the two principal arterials: US 70 and US 191. The US 70 carries about 20,000 vehicles on an average daily basis inside the Safford City area. The US 191 also carries almost 10,000 vehicles when it passes through the Safford area. Other high volume locations include 20th Ave, 8th Ave, and 8th St in the Safford urban area.

Figure 2-20: Traffic Volume 2007

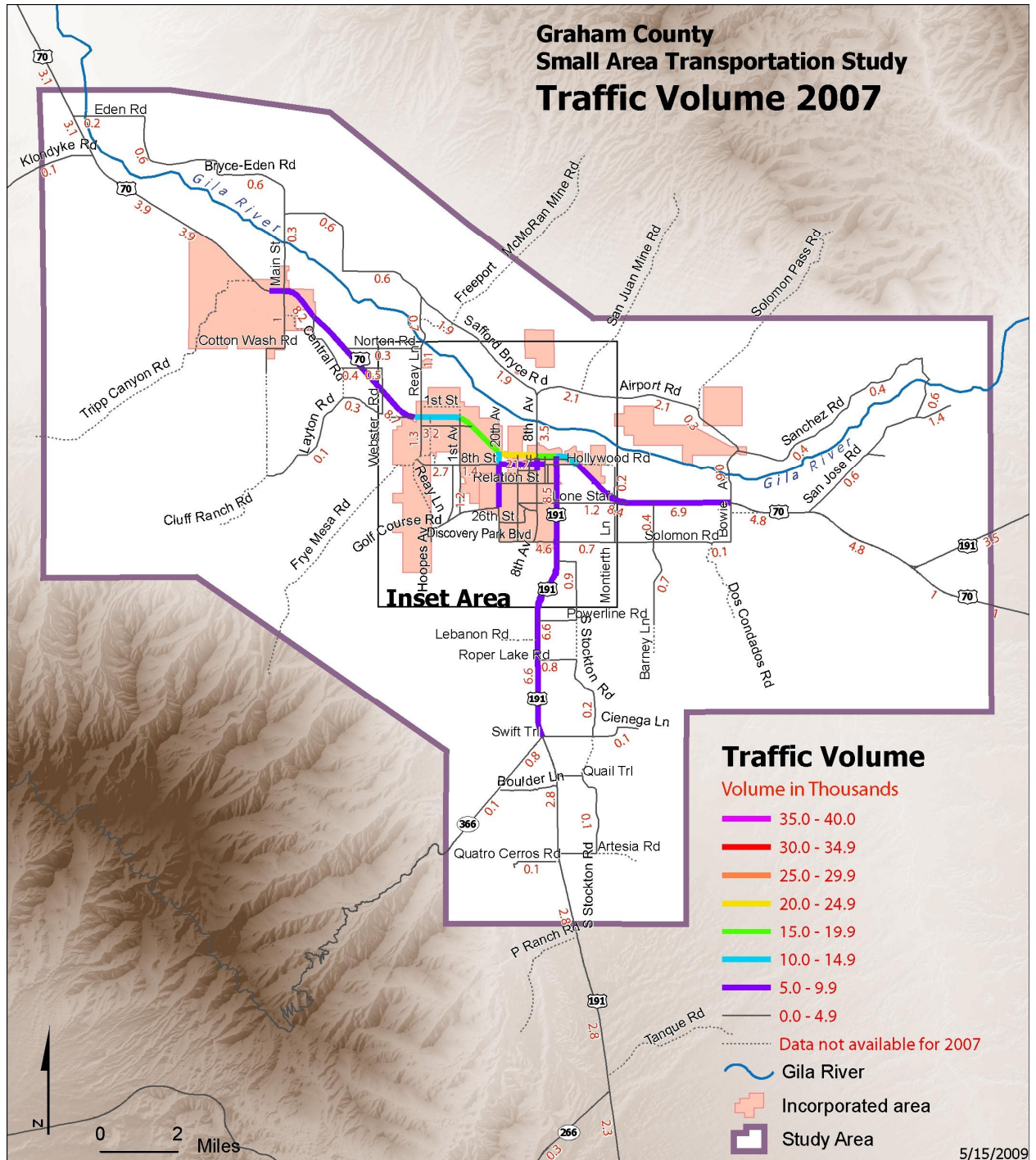
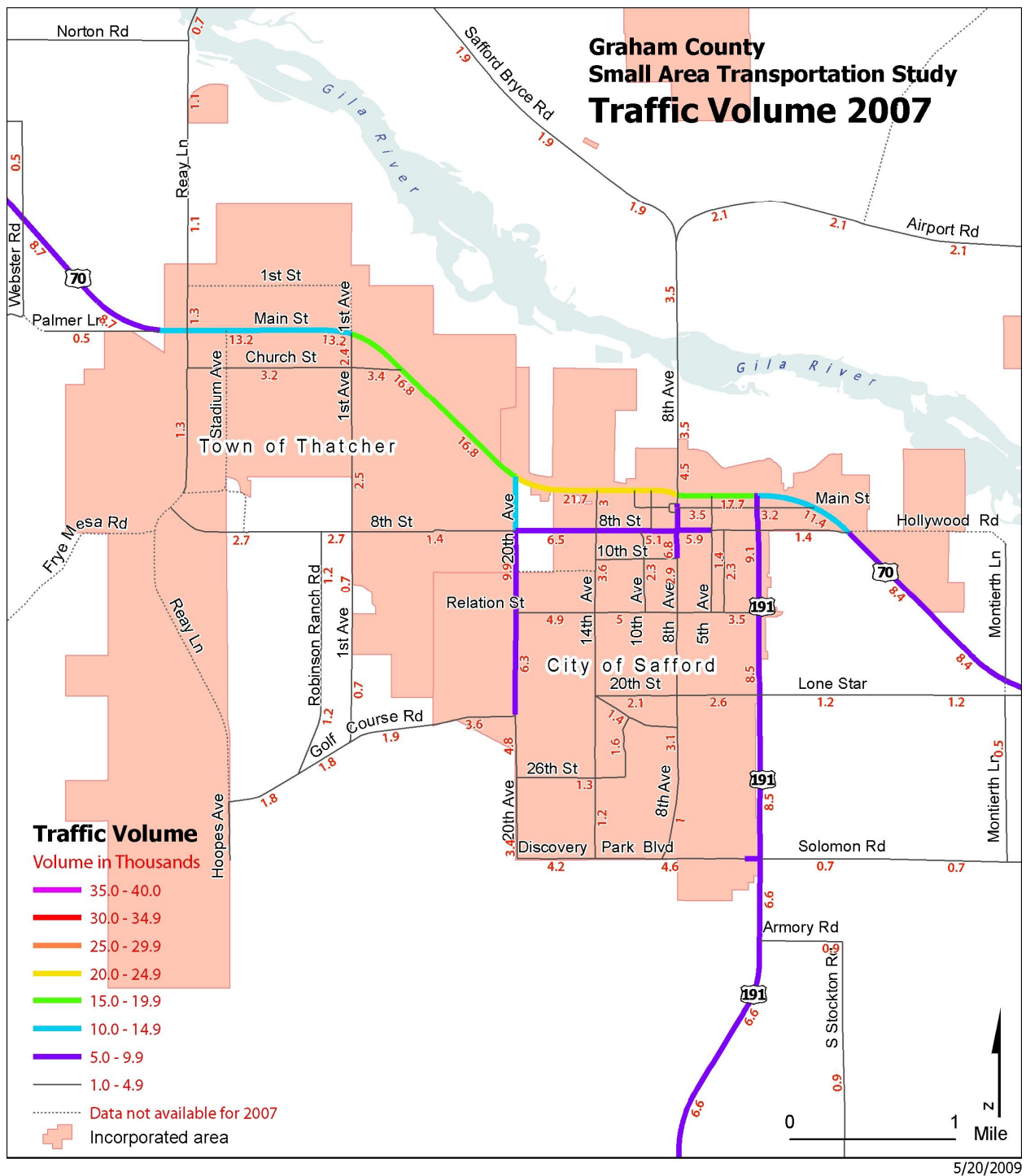




Figure 2-21: Traffic Volume 2007 (Inset)



## Existing Level of Service

Level of Service (LOS) is a quantitative measurement of operational characteristics of traffic and the perception of the traffic conditions by both motorists and passengers. There are six levels of service defined by the Highway Capacity Manual 2000 (HCM), published by the Transportation Research Board (TRB). Each level of service is given a letter designation from A to F, with A representing the optimal or best condition and F representing the worst. Roadway segment level of service is characterized by the HCM as follows:

- LOS A: Best, free flow operations (on uninterrupted flow facilities) and very low delay (on interrupted flow facilities). Freedom to select desired speeds and to maneuver within traffic is extremely high.
- LOS B: Flow is stable, but presence of other users is noticeable. Freedom to select desired speeds is relatively unaffected, but there is a slight decline in the freedom to maneuver within traffic.
- LOS C: Flow is stable, but the operation of users is becoming affected by the presence of other users. Maneuvering within traffic requires substantial vigilance on the part of the user.
- LOS D: High density but stable flow. Speed and freedom to maneuver are severely restricted. The driver is experiencing a generally poor level of comfort and convenience.
- LOS E: Flow is at or near capacity. All speeds are reduced to a low, but relatively uniform value. Freedom to maneuver within traffic is extremely difficult. Comfort and convenience levels are extremely poor.
- LOS F: Worst, facility has failed, or a breakdown has occurred.

Roadway segment level of service is based on the number of lanes, the functional classification of the roadway, maximum desired level of service capacity, roadway geometrics and the existing or forecasted average daily traffic volume. Roadway LOS is used to describe the degree of traffic congestion. Roadways having a level of service in the D, E, or F range are considered congested and warrant further review for possible improvements. In rural areas, LOS C is the general standard for acceptable roadway performance, and LOS D is generally considered acceptable for roadways in areas transitioning from rural to urban.

In this study, the level of service for each street segment in the network is determined by comparing the actual traffic volumes to the capacity calculated for each roadway type. This method of assessing roadway segment levels of service is widely used for planning applications. A LOS/Capacity thresholds look-up table, Table 2-15, has been developed for this study based on the Highway Capacity Software+ developed by McTrans Center. This software is a faithful implementation of the procedures outlined in the most recent version of the Highway Capacity Manual. The capacity is defined as the volume threshold for the type of facility.

For the purposes of this study, roadways that are at or over capacity will be identified as deficient for review, while roadways with level of service C and better for roadway segments are considered acceptable for arterial and collector roadways under daily operating conditions.

Based on the existing street system inventory, the current traffic volumes were compared to the threshold volumes listed in Table 2-15 to determine whether a roadway is over capacity (LOS D or worse for rural area, LOS E or F for urban area), at capacity (between LOS C and LOS D for rural area, between LOS D and LOS E for urban area) or under capacity (LOS C or better for rural area, LOS D or better for urban area). Streets segments that are at or over capacity are identified as deficiencies in the system and would warrant further review for possible improvements in this study. The result of existing Level of Service results are presented in Figure 2-22 and Figure 2-23. The network performance shows that all the study area roadways are operating at acceptable levels of services in the year 2007. The following street segments are currently operating at or over capacity and can be identified as potential deficiencies for further review and improvements:

- 8th St between 20th Ave and 14th Ave
- 8th Ave between 10th St and 8th St
- US 191 between 11th St and US 70
- US 70 between Barney Ln and Bowie Ave

Table 2-15: LOS/Capacity Lookup Table

Roadway	Functional Code <sup>1</sup>	Speed Limit	Two Way # of Lanes	Capacity LOS A	Capacity LOS B	Capacity LOS C	Capacity LOS D	Capacity LOS E
Rural Principal Arterial	2	45 MPH	5 lanes	15,200	24,400	35,300	46,700	54,300
	2	45 MPH	7 lanes	22,800	36,600	52,900	70,000	81,400
Rural Minor Arterial	6	35 MPH	3 lanes <sup>2</sup>	-	3,100	7,600	12,200	22,200
	6	35 MPH	5 lanes <sup>2</sup>	13,400	22,200	32,000	42,300	51,600
	6	45 MPH	5 lanes <sup>2</sup>	15,200	24,400	35,300	46,700	54,300
	6	50 MPH	2 lanes	2,000	4,200	6,900	11,000	17,700
	6	55 MPH	2 lanes	2,000	4,200	6,900	11,000	17,700
	6	55 MPH	3 lanes <sup>2</sup>	2,500	5,200	8,600	13,700	22,200
	6	55 MPH	4 lane divided	15,200	24,800	35,400	45,500	50,500
	6	55 MPH	5 lanes <sup>2</sup>	18,000	29,400	42,000	54,000	60,000
	6	65 MPH	2 lanes	2,000	4,200	6,900	11,000	17,700
	6	65 MPH	3 lanes <sup>2</sup>	2,500	5,200	8,600	13,700	22,200
	6	65 MPH	4 lane divided	17,900	29,400	39,900	47,300	52,600
6	65 MPH	5 lanes <sup>2</sup>	21,200	35,000	47,500	56,200	62,400	
Rural Major Collector	7	25 MPH	2 lanes	-	3,100	7,700	10,500	13,200
	7	35 MPH	2 lanes	-	3,100	7,700	10,500	13,200
	7	45 MPH	2 lanes	2,300	5,900	9,700	13,100	16,500
	7	45 MPH	4 lanes	14,100	22,700	32,800	43,400	50,400
	7	50 MPH	2 lanes	2,300	6,400	10,700	14,400	18,100
	7	55 MPH	2 lanes	2,300	7,000	11,600	15,700	19,800
	7	55 MPH	3 lanes <sup>2</sup>	2,900	8,800	14,500	19,700	24,700
	7	65 MPH	2 lanes	2,200	4,700	7,800	12,400	20,000
Rural Minor Collector	8	25 MPH	2 lanes	-	2,000	4,900	6,700	8,500
	8	35 MPH	2 lanes	-	2,000	4,900	6,700	8,500
	8	45 MPH	2 lanes	-	1,800	4,400	7,000	12,900
	8	55 MPH	2 lanes	1,400	3,000	5,000	8,000	12,900
	8	65 MPH	2 lanes	1,400	3,000	5,000	8,000	12,900
Rural Local Street	9	45 MPH	2 lanes	-	2,800	6,900	10,900	19,900
	9	45 MPH	3 lanes	-	3,500	8,600	13,700	24,900
	9	45 MPH	4 lanes	15,900	26,000	37,100	47,700	53,000
Urban Principal Arterial	14	35 MPH	3 lanes <sup>2</sup>	-	1,800	6,900	11,000	14,400
	14	35 MPH	5 lanes <sup>2</sup>	13,400	22,200	32,000	42,300	51,600
	14	45 MPH	5 lanes <sup>2</sup>	15,200	24,400	35,300	46,700	54,300
	14	55 MPH	5 lanes <sup>2</sup>	17,900	29,300	41,800	53,700	59,700
Urban Minor Arterial	16	25 MPH	5 lanes <sup>2</sup>	13,400	22,200	32,000	42,300	51,600
	16	35 MPH	2 lanes	-	1,500	5,500	8,800	11,500
	16	35 MPH	3 lanes <sup>2</sup>	-	1,800	6,900	11,000	14,400
	16	35 MPH	4 lanes	10,600	17,500	25,200	33,400	40,700
	16	35 MPH	5 lanes <sup>2</sup>	13,400	22,200	32,000	42,300	51,600
	16	45 MPH	2 lanes	1,100	3,600	7,900	11,500	14,700
	16	45 MPH	3 lanes <sup>2</sup>	1,400	4,500	9,900	14,400	18,400
	16	45 MPH	5 lanes <sup>2</sup>	15,200	24,400	35,300	46,700	54,300
	16	55 MPH	2 lanes	1,300	5,300	10,100	14,000	17,900
	16	55 MPH	5 lanes	17,900	29,300	41,800	53,700	59,700
Urban Collector	17	25 MPH	2 lanes	-	1,800	6,400	10,300	13,500
	17	25 MPH	3 lanes	-	2,200	8,000	12,800	16,900
	17	25 MPH	4 lanes	10,600	17,500	25,200	33,400	40,700
	17	35 MPH	2 lanes	-	1,800	6,400	10,300	13,600
	17	35 MPH	3 lanes <sup>2</sup>	-	2,200	8,100	12,900	17,000
	17	45 MPH	2 Lanes	1,300	4,200	9,300	13,600	17,400
Urban Local Street	19	25 MPH	2 lanes	-	2,000	6,500	10,600	14,300
	19	35 MPH	2 lanes	-	2,000	6,500	10,600	14,300

- 1) Source: AADT based Level of Service Criteria from Highway Capacity Software (HCS+) Version 5.21, HIGHPLAN Module
- 2) Functional classification code from ADOT HPMS database.
- 3) A five-lane segment and a three-lane segment include a two-way left-turn lane.
- 4) Assumptions:
  - a) PHF 0.88 for rural area; 0.90 for urban area.
  - b) 10% Heavy Vehicle percentage
  - c) 0.90 Local Adjustment Factor
  - d) K-factor and D-factors are generalized from ADOT HPMS database. K-factor is the 30th highest hourly volume of the year (out of 8,760 possible hours in a calendar year) expressed as a percentage of the AADT volume. D-factor is the percentage of traffic moving in the peak travel direction during the 30th highest hourly volume of the year.

Figure 2-22: Level of Service 2007

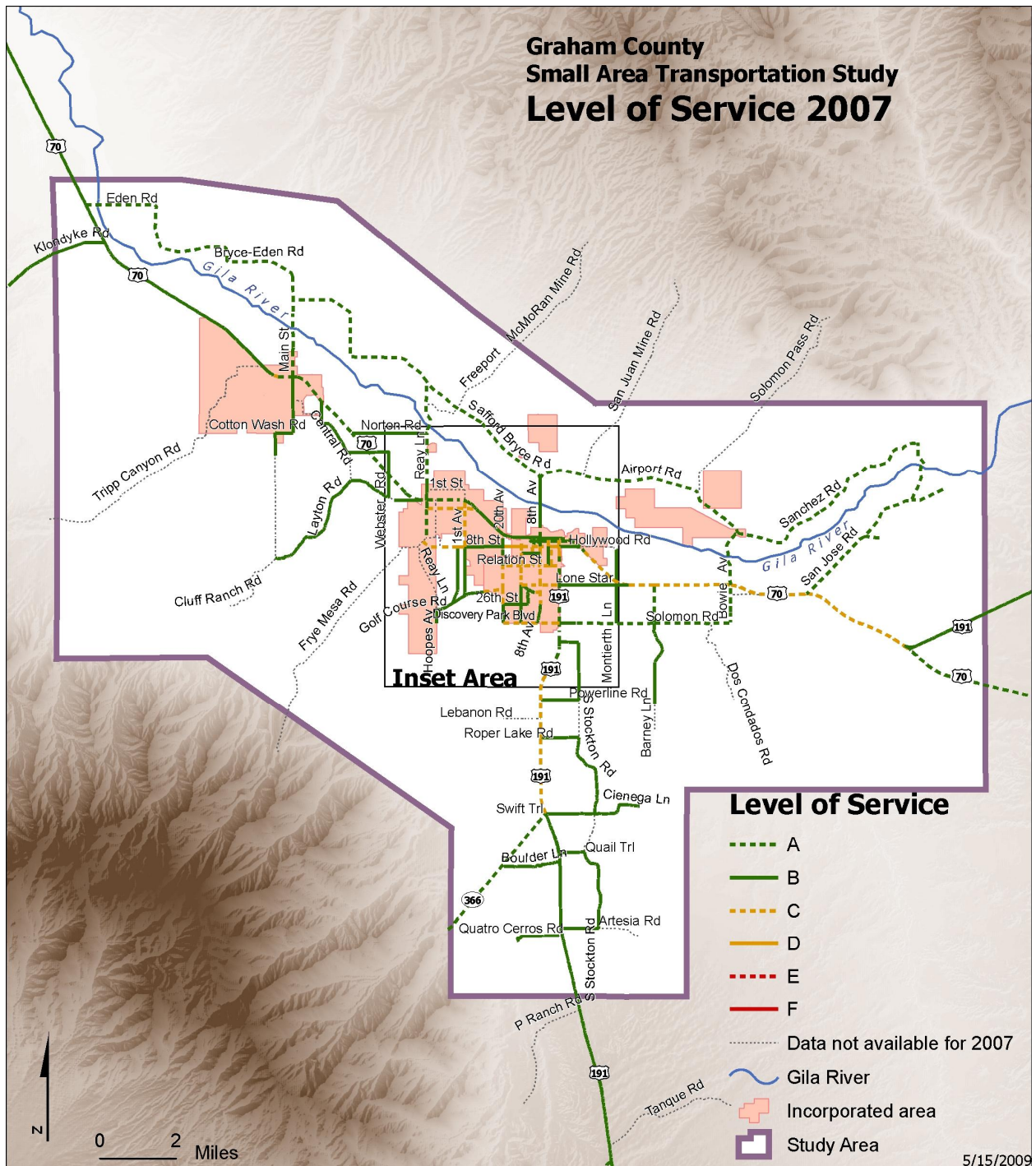
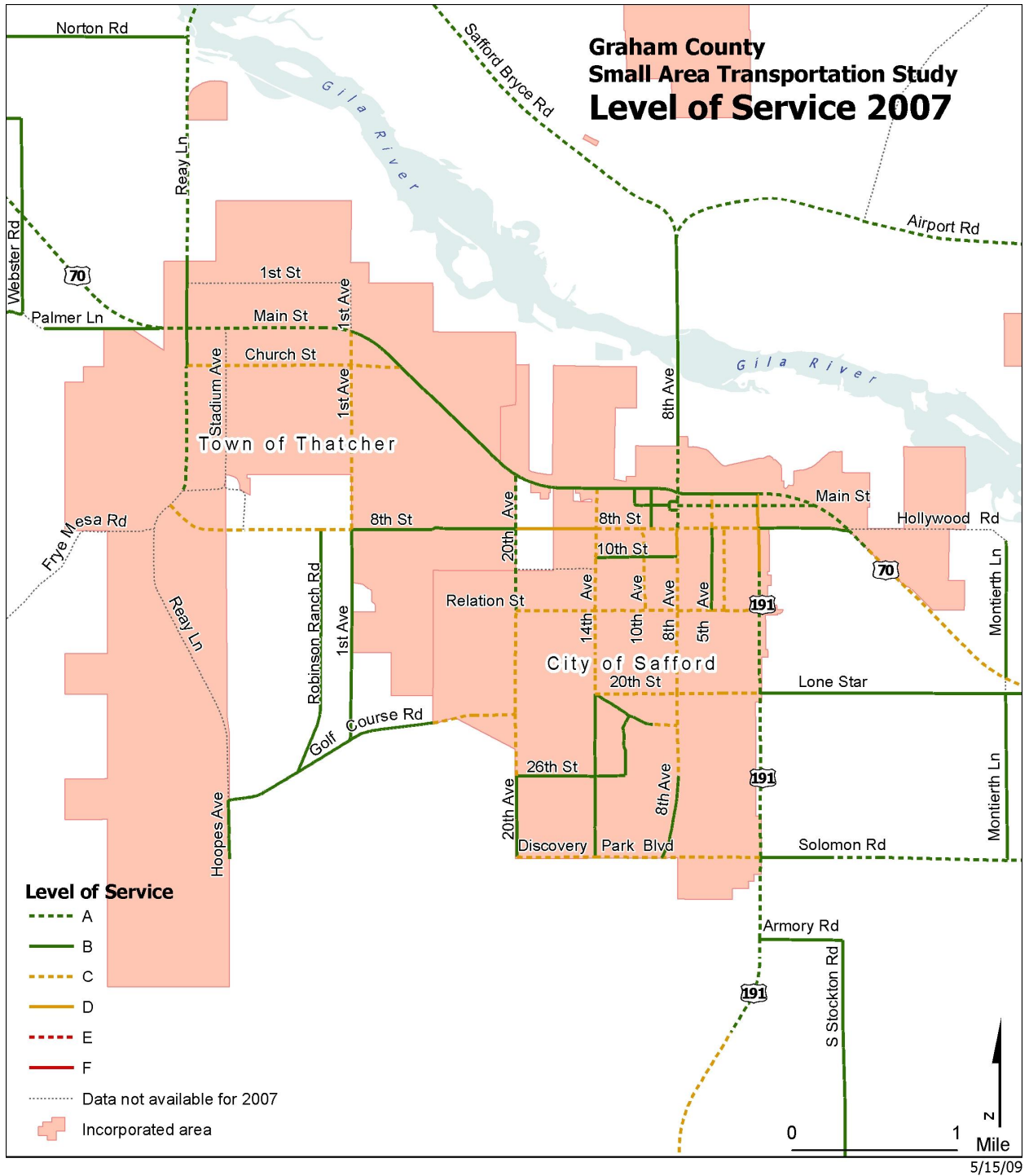


Figure 2-23: Level of Service 2007 (Inset)



## 3.0 FUTURE CONDITIONS

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The Graham County area population and employment has steadily increased over the past twenty years and will continue to grow in the future. The impact of this growth on the transportation system needs to be quantified so that necessary improvements can be identified and programmed for future projects. The future horizon years for this transportation study are 2013, 2018, and 2023. This section presents estimates of the anticipated residential and employment changes and projects the traffic impact to the regional transportation network based on growth estimates. The estimates developed for the study were gathered from local planning agencies during a period of significant economic growth and development. In the more recent time frame (2009) some of these proposed developments failed and many have been scaled back. Although this data represents the potential for development, in retrospect, the timing of the traffic impacts may be extended as a result of the current, more moderate growth climate.

### 3.1. SOCIOECONOMIC DATA

The primary measure of growth used in this study was population and employment. The current 2008 population of the Graham County study area is 34,270 with 10,132 employees. The population and employment in the study area are distributed into 76 traffic analysis zones (TAZs) for use in the travel forecast model. This was the basis for developing the future traffic volumes. Several studies and plans were used to determine the future characteristics of the region, with detailed guidance from the TAC.

Based on the size, status and locations of the proposed projects and additional discussion with the TAC, the population increase based on these development projects was projected for each TAZ for the future analysis years.

The population growth in the study area by 2023 can be foreseen along the US 191 Corridor and the suburban area of Safford-Thatcher metropolitan area as a result of new subdivision developments. Most significantly, it is assumed that the planned Sierra Del Sol Development located on the east side of US 191, south of the study area, will cause a dramatic increase in population in the southern portion of the study area.

According to the 2007 Woods and Poole Employment Estimates, between the Year 2005 and Year 2030, the employment will grow at an average annual rate of 2.3% in the Graham County area. This growth rate was used to establish a baseline projection for the overall study area and specific adjustments were made based on the analysis of the impact of the proposed improvement projects, the current employment pattern, geographic advantages and constraints. More specifically, the growth rate is lower in areas with dense employment today, while higher in areas adjacent to these TAZs.



The total employment projection for the entire study area by the Year 2023 is 20,456. The employment growth by the year 2023 will focus on the areas north of Safford with the anticipation of Freeport-McMoRan mining expansion, River View development and Greenberg II development, as well as areas along the US 191 corridor with the proposed residential and commercial development.

Table 3-1, Table 3-2 and Table 3-3 tabulate the population and employment projects for 2013, 2018 and 2023, respectively, per TAZ. The spatial distribution for the 2013, 2018, and 2023 population and employment is shown in Figure 3-1 through Figure 3-6.

Table 3-1: Population and Employment by TAZ 2013

TAZ	2013 Population	2013 Employment	TAZ	2013 Population	2013 Employment
1	117	66	40	1122	141
2	481	168	41	1161	127
3	137	80	42	1068	275
4	130	64	43	1087	806
5	311	103	44	223	1265
6	1375	187	45	355	176
7	558	181	46	978	709
8	173	28	47	579	101
9	570	64	48	420	361
10	59	18	49	639	60
11	72	24	50	34	63
12	69	47	51	304	27
13	742	78	52	1030	82
14	297	78	53	409	69
15	2686	78	54	8	123
16	322	78	55	72	63
17	257	78	56	101	156
18	276	78	57	455	58
19	99	209	58	1327	521
20	849	171	59	8	46
21	943	262	60	248	183
22	93	55	61	41	32
23	932	27	62	122	75
24	726	638	63	459	82
25	271	961	64	75	66
26	711	123	65	292	135
27	1068	694	66	45	5
28	1914	204	67	1532	29
29	1297	99	68	188	634
30	1363	215	69	71	90
31	736	69	70	33	15
32	482	60	71	896	37
33	892	20	72	839	30
34	139	20	73	285	85
35	64	179	74	165	18
36	1020	116	75	0	0
37	32	9	76	27	0
38	895	162	Total	42,504	12,599
39	2649	64			

Figure 3-1: Population Density by TAZ 2013

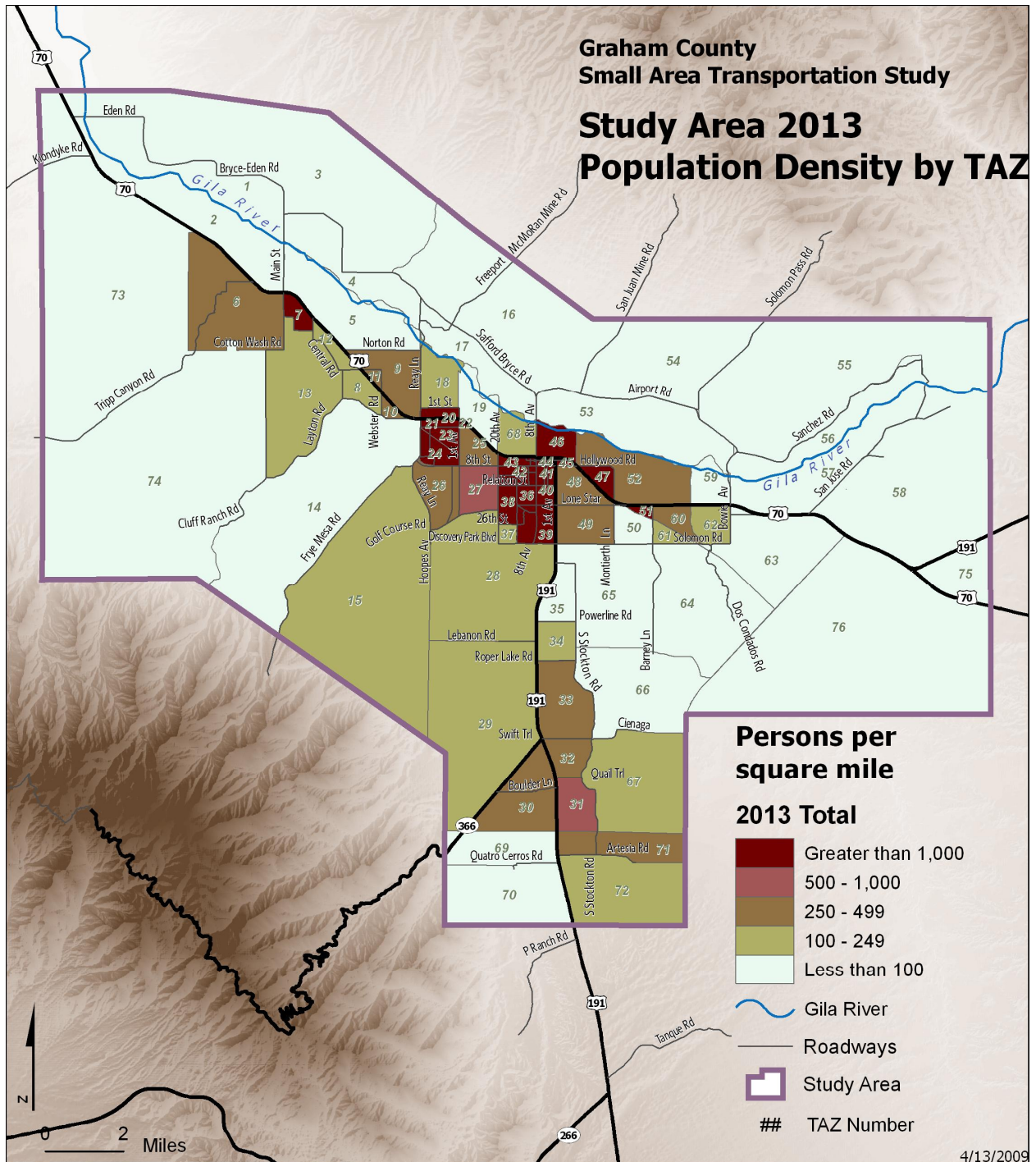


Figure 3-2: Employment by TAZ 2013

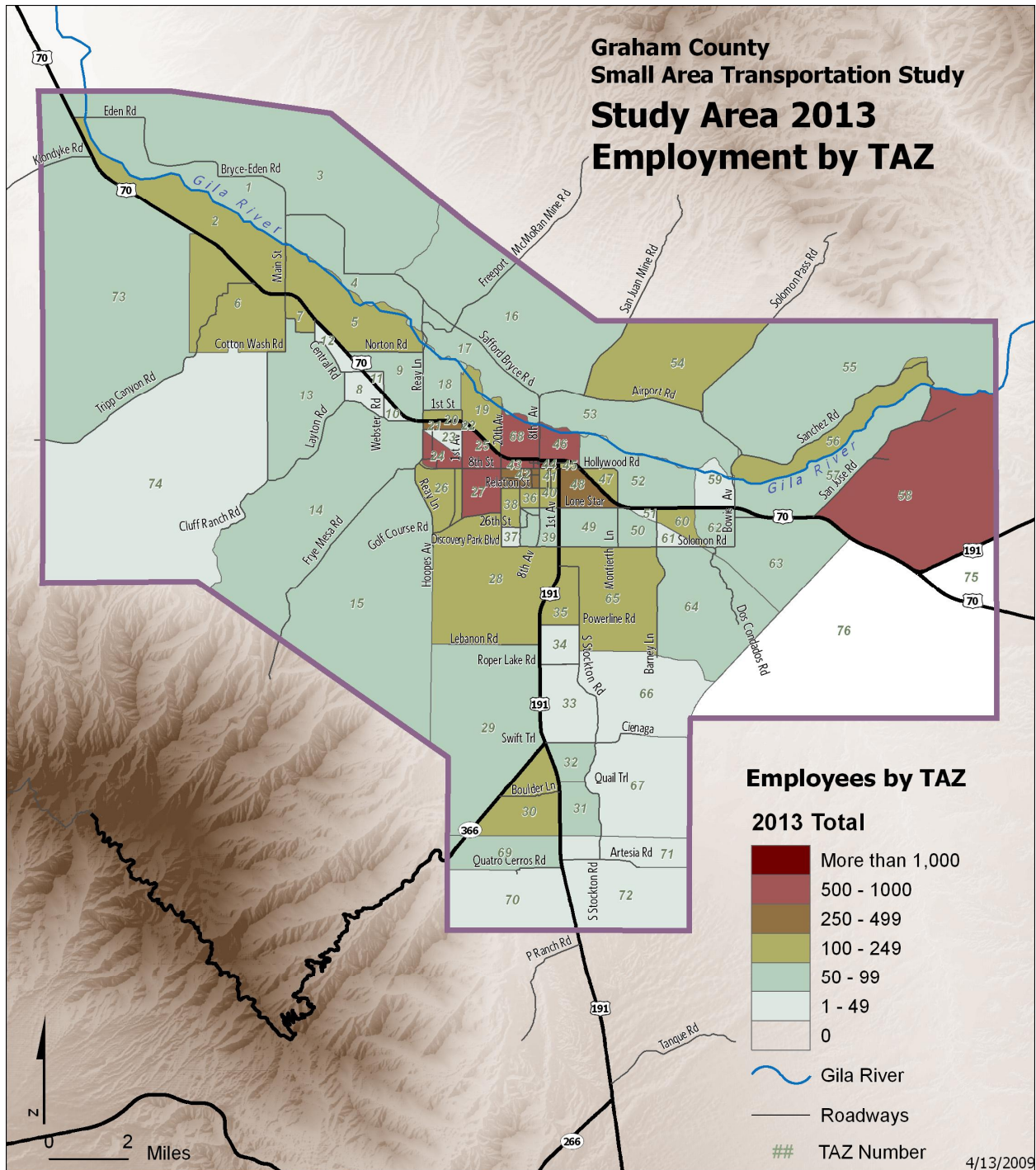


Table 3-2: Population and Employment by TAZ 2018

TAZ	2018 Population	2018 Employment	TAZ	2018 Population	2018 Employment
1	120	76	40	1191	154
2	497	178	41	1233	142
3	142	88	42	1210	303
4	134	69	43	1154	835
5	321	114	44	237	1441
6	1504	209	45	376	201
7	593	204	46	1219	796
8	225	43	47	856	125
9	589	73	48	630	425
10	61	19	49	739	110
11	94	36	50	36	73
12	69	49	51	322	28
13	766	19	52	1202	94
14	306	29	53	434	77
15	2854	280	54	9	304
16	332	837	55	77	73
17	266	94	56	107	170
18	372	88	57	483	68
19	102	239	58	1408	553
20	886	196	59	9	46
21	973	279	60	264	208
22	143	61	61	44	32
23	959	31	62	130	79
24	998	665	63	487	92
25	406	1036	64	80	74
26	734	141	65	310	151
27	1546	765	66	47	11
28	1985	229	67	2807	56
29	1366	156	68	277	780
30	1479	291	69	89	189
31	1271	122	70	60	37
32	1015	111	71	1663	67
33	999	28	72	1557	60
34	148	28	73	352	102
35	68	201	74	175	29
36	1083	126	75	0	0
37	34	17	76	28	0
38	943	176	Total	50,575	15,478
39	2889	92			

Figure 3-3: Population Density by TAZ 2018

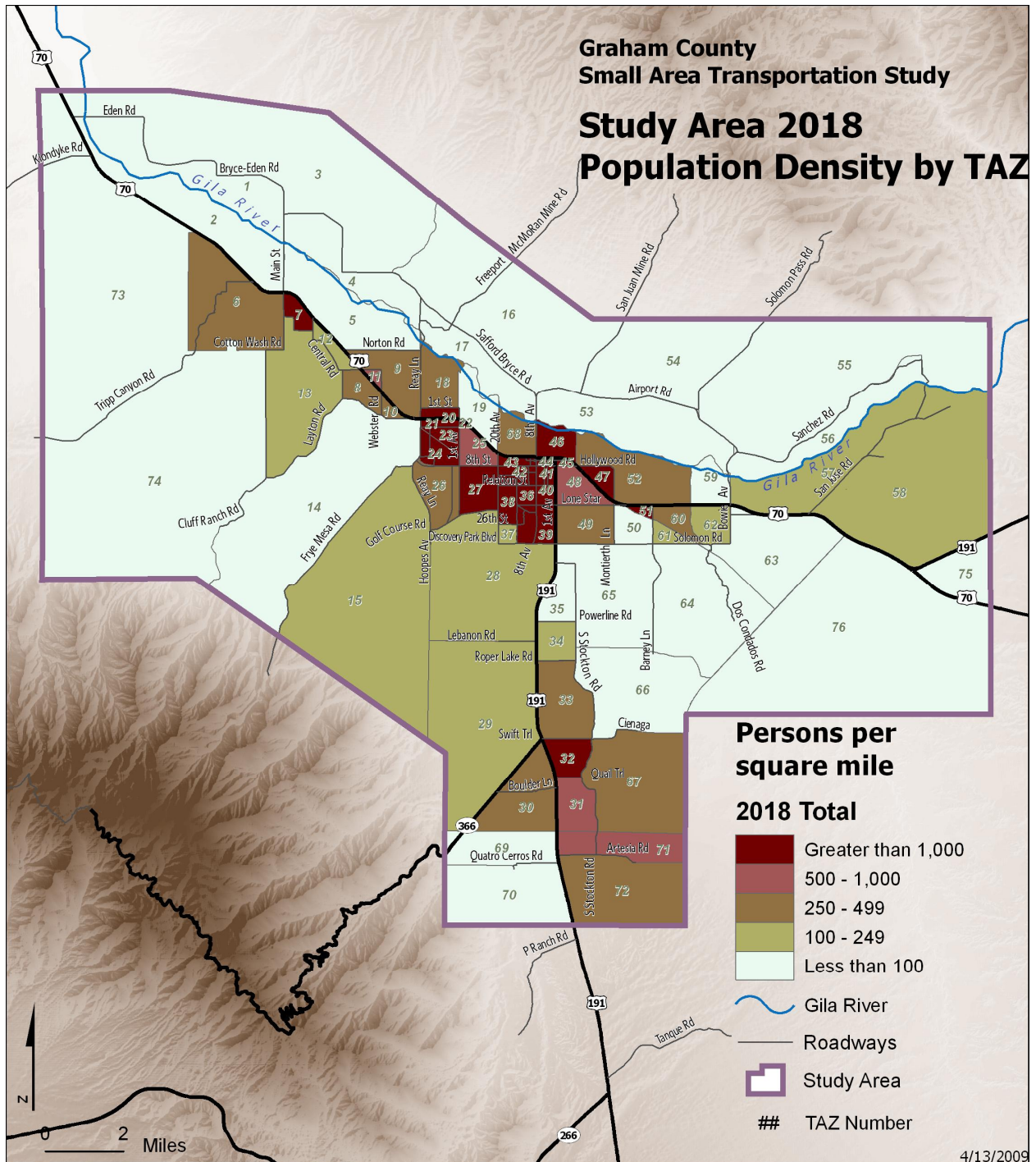


Figure 3-4: Employment by TAZ 2018

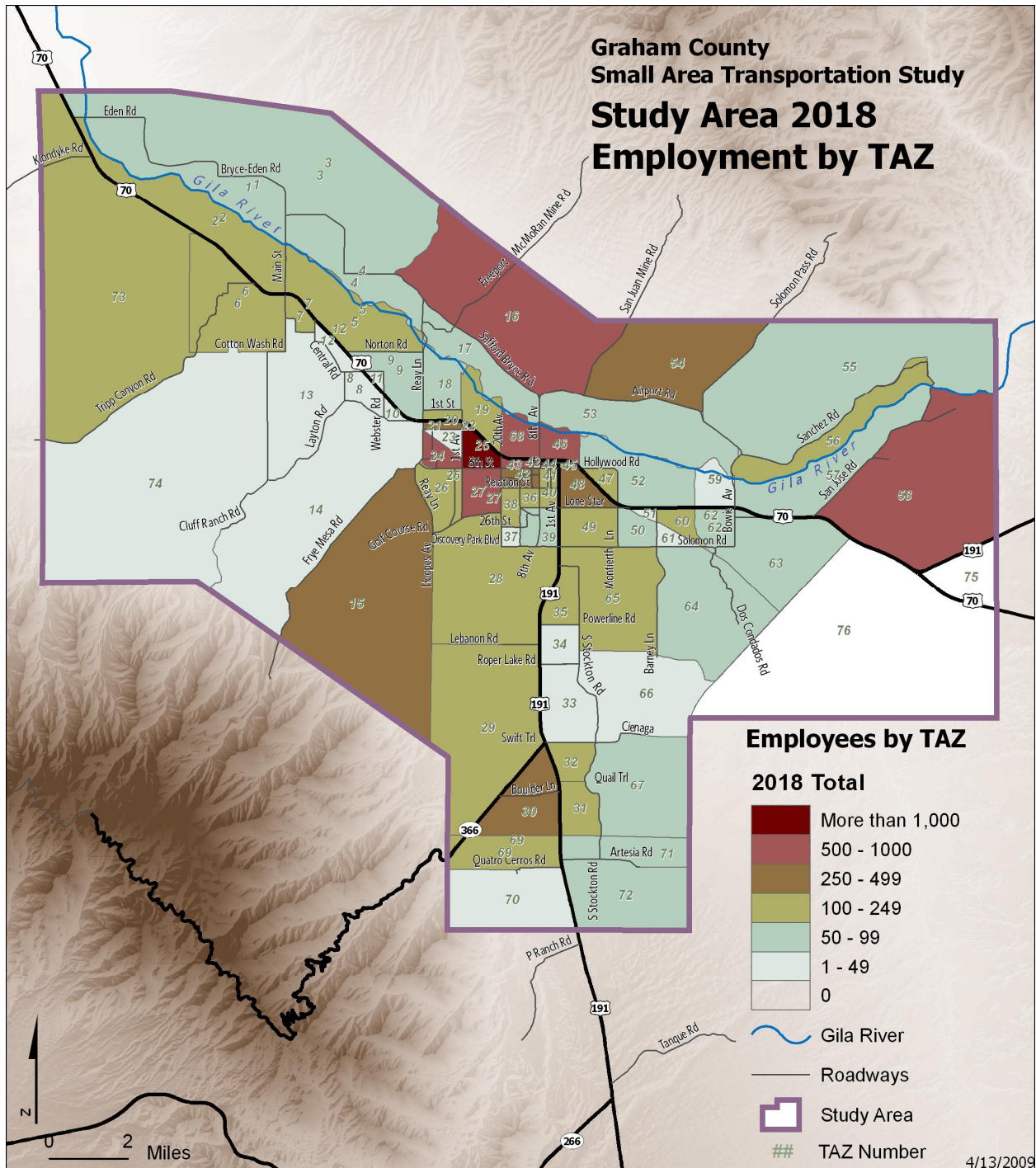


Table 3-3: Population and Employment by TAZ 2023

TAZ	2023 Population	2023 Employment	TAZ	2023 Population	2023 Employment
1	123	87	40	1264	168
2	509	188	41	1308	159
3	145	98	42	1372	334
4	138	75	43	1225	874
5	330	126	44	251	1642
6	1644	234	45	399	229
7	629	230	46	1519	894
8	293	64	47	1266	141
9	604	83	48	881	545
10	63	21	49	850	200
11	122	54	50	38	84
12	69	51	51	342	29
13	786	20	52	1404	107
14	314	34	53	460	87
15	3033	403	54	10	750
16	341	899	55	81	83
17	272	106	56	114	184
18	502	98	57	513	78
19	105	274	58	1495	588
20	924	224	59	10	47
21	1005	297	60	280	238
22	221	69	61	47	33
23	987	35	62	138	82
24	1372	693	63	517	105
25	609	1117	64	85	84
26	753	162	65	329	169
27	2238	844	66	50	27
28	2058	257	67	4295	96
29	1439	245	68	410	912
30	1625	394	69	110	271
31	1895	183	70	93	80
32	1150	170	71	2559	95
33	1120	38	72	2396	90
34	157	38	73	420	123
35	72	225	74	185	46
36	1149	136	75	0	26
37	36	30	76	30	6
38	993	192	Total	59,719	18,331
39	3150	134			



Figure 3-5: Population Density by TAZ 2023

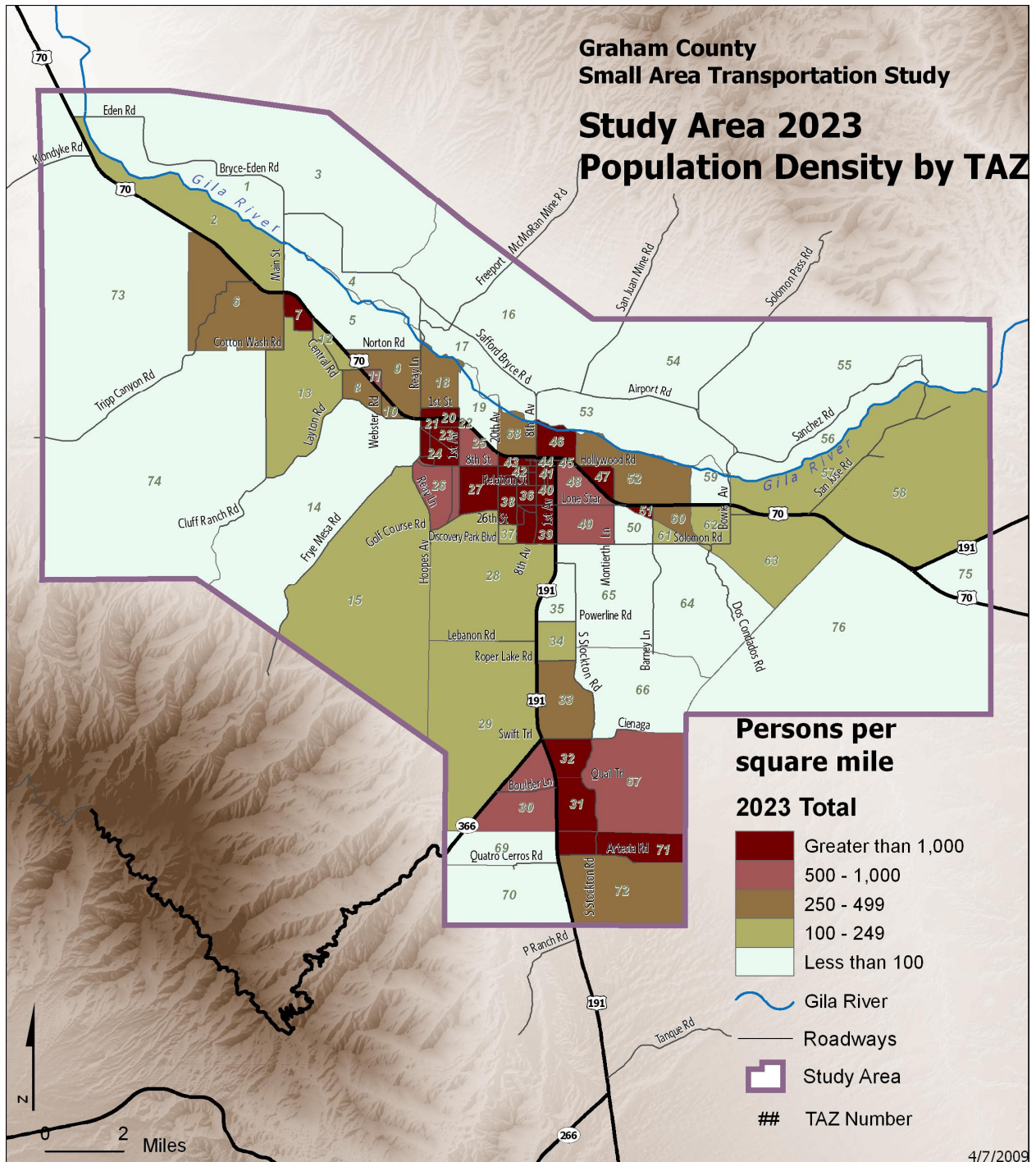
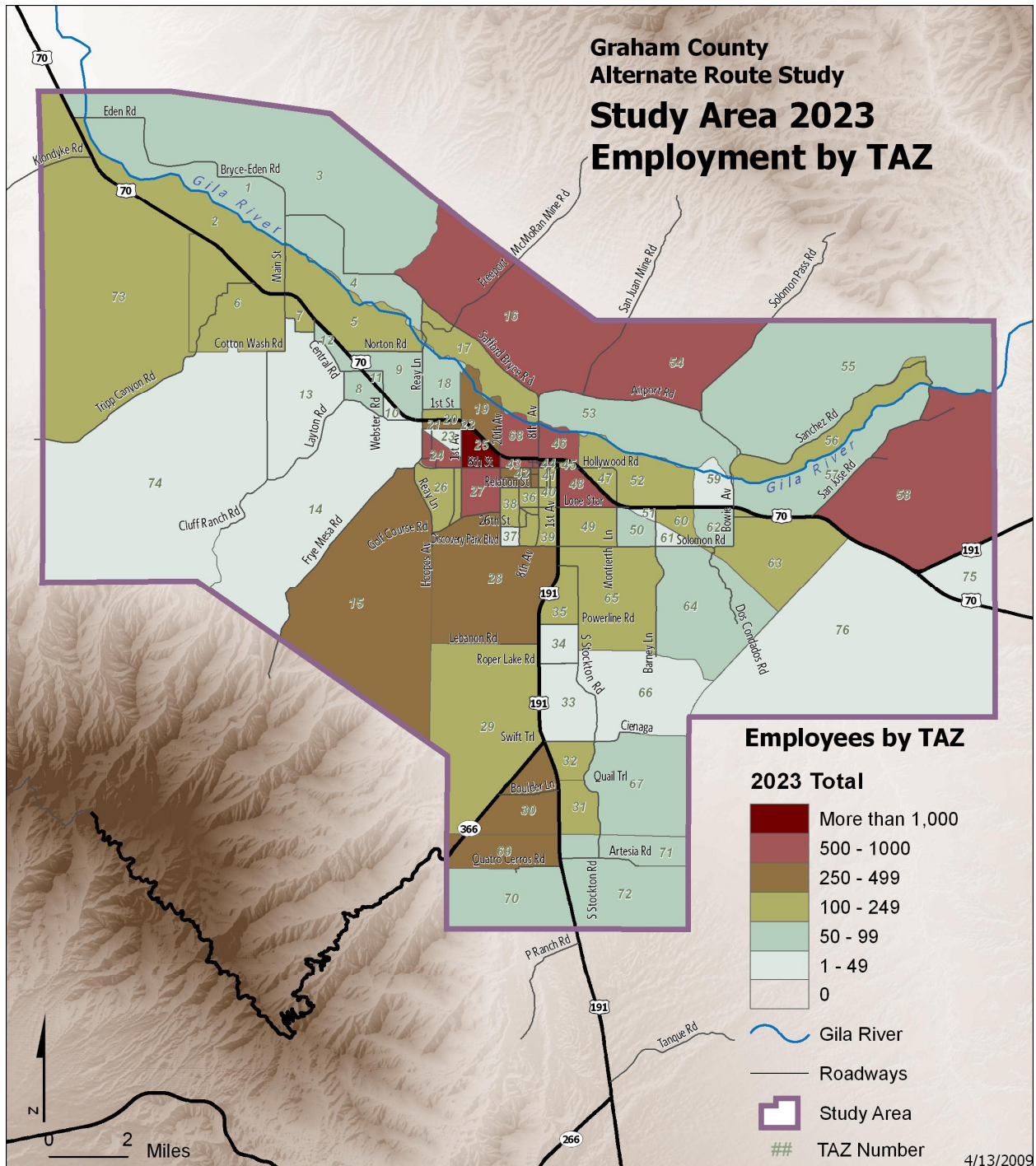


Figure 3-6: Employment by TAZ 2023



### 3.2. DEVELOPMENT ACTIVITIES

New developments are associated with an increase in roadway traffic volumes. If the existing roadway capacity is not sufficient to accommodate the additional traffic, it will cause congestion and other problems. To identify whether a proposed development will have a significant traffic impact; a traffic impact analysis should be conducted. According to the ITE Manual, generally, a comprehensive traffic analysis should be completed whenever a development is expected to generate 100 or more new inbound or outbound trips during the peak hours.

With the new residential and commercial development that is anticipated, it is projected that Graham County will have an increase in the use of its transportation network. The proposed new subdivision developments along the US 191 Corridor and the Safford-Thatcher-Pima urbanized area will result in increased traffic volumes. All of the developments in the study area were inventoried and are shown in Table 3-4.

Table 3-4: Study Area Development Projects

TAZ	Name	Address	Total Units	Status
15	Bear Creek Resort		700	
47	Blasias Family Steak House	4,376 sq ft		
24	Casa Blanca Condos	Stadium Ave and the Highline Canal	192	Under Construction
25	Comfort Inn	Hwy 70 and Allred Ln	88	Completed
47	Copper Canyon	East of US 70 South of E Hollywood Dr	380	Completed
18	Cota Ranches	1st St & Porter Ln	129	Homes Under Construction
25	Diamond Springs	Church St & Allred Ln	14	Homes Under Construction
25	Double D Ranch	8th St & Railroad	24	Homes Under Construction
39	E & C homes (Cota Ranches)	23rd St between 8th Ave & 2nd Ave	81	Completed
24	EAC Cota Town Homes	Reay Ln and Ball Park Rd	175	Under Construction
23	Eagle Meadows	1st Ave & Eagle Dr	35	Homes Under Construction
11	Elmer Estates	Central Rd & Webster Rd	29	Homes Under Construction
3	Fred Web Park	Hot Springs Rd	92	
15	Frye Mesa			
27	Golf Course RV Park I	North of Golf Course Rd between 20th Ave & S 1st Ave	49	Final Plat Approved
28	Golf Course RV Park II	South of Golf Course Rd between 20th Ave & S 1st Ave	92	Completed
21	Goodman Apartments	College Ave & 4th St	40	Construction Completed
42	Greenberg I	Relation St between 14th Ave & 20th Ave	83	Final Plat Approved
27	Greenberg II	North of Golf Course Rd between 20th Ave & S 1st Ave	140	Final Plat Approved
46	Hampton Inn Express		64	
68	Holiday Inn Express		100	
20	Howard Apartments	High School Ave & 1st St	48	Under Construction
46	Kreigs Comfort Inn	450 Entertainment Ave	88	Complete
22	Marriot Hotel	Church St and Hwy 70	70	Completed
39	Mesa Vista Subdivision	West Discovery Park Blvd between 8th Ave & 14th Ave	70	Completed

Table 3 -4 Study Area Development Projects (continued)

TAZ	Name	Address	Total Units	Status
49	Montana Vista Estates, Eldon Angle Subdivision	US 191 between 24th St & 26th St	220	Completed
68	Motel 6		67	
15	Mountain Vista estates	Valley View Dr & Pinaleno Mountain Rd	192	Final Plat Approved
43	Napa Car Care	12,524 sq ft		
42	Palomino Ranch	Relation St between 14th Ave & 20th Ave	40	Final Plat
54	Phelps Dodge Mining	Bowie to Miami Going Parallel to US 191 & US 70	0	Conceptual Phase
38	Pinaleno Foothills	26th St between 17th Ave & 20th Ave	62	Completed
27	Quail Ridge Phase II	First Ave & Quail Ridge Dr	120	Homes Under Construction
52	Ranch at River View LTD	East of US 70 North of E Hollywood Dr	227	Rezoning
46	River View Development	Sunflower Canal between 8th Ave & Graveyard wash	231	Conceptual Phase
27	Safford Hills Townhomes	20th Ave South of Hospital	104	Pending Approval of Plans
68	Safford Mall		200	
31	Sierra Del Sol Development	US 191 between Quail Trail & P Ranch Rd	2133	Conceptual Phase
25	Spring Canyon Estates	1st Ave & Union Canal	148	Final Plat Approved
42	Stone Willow	8th St between 20th Ave & 14th Ave	64	Under Construction
29	Swift Trail	US 191 & Swift Trail	90	Pre-Application Phase
8	Tempe View	Near southwest corner of Webster Rd & US 70	64	
27	The Village		11	Homes Under Construction
39	Tierra Bonita II	24th St between 8th Ave & 14th Ave	30	Under Construction
49	Township	S 1st Ave between 27th St & 24th St	150	Final Plat
48	Welker Farm		760	

### 3.3. PLANNED STREET SYSTEM

In order to perform an analysis of future traffic operations for the final horizon year 2023, a future base street system must be established. The future base network was obtained by updating the existing street system with the schedule of all the confirmed projects listed in the current transportation improvement program (TIP) as well as the previous 1998 Graham County SATS recommended projects. The transportation improvement projects that were incorporated in the future base network are listed in Table 3-5.

Table 3-5: TIP in the Study Area

Name	Location	Fund Source	Type of Work	Program Year
Discovery Park	Safford	ENHNCMNT	Enhancements	2008
8th Ave Bridge	8th Ave – Gila River Bridge, Safford	HPP/BR	Bridge Construction	2008
8th Ave Bridge	8th Ave – Gila River Bridge, Safford	BR/SEC 115	Bridge Design	2008
Peterson Wash	Safford-Bryce Road	HES	Widen to 4 lanes	2008
20th Ave Sidewalks	20th Ave from US 70 to Relation St	TE	Sidewalk, Multi-Use Path, and Street Lights Construction	2010
US 191	Ten Ranch to Owl Canyon (SEG III)	STP	Construct Parallel Roadway	2008
US 191	Dial Wash to Ten Ranch (SEG II)	STP	Construct Parallel Roadway	2011
US 191	I-10 to Jct US 70 *(SEG IV – 8th St)	State	Widen to 4 lanes	NP
US 191	8th St – US 70	State	Upgrade to 4 lanes	NP
US 70	Hollywood Dr to Solomon	State	Widening to 4 lanes with a continuous center left-turn lane	2011

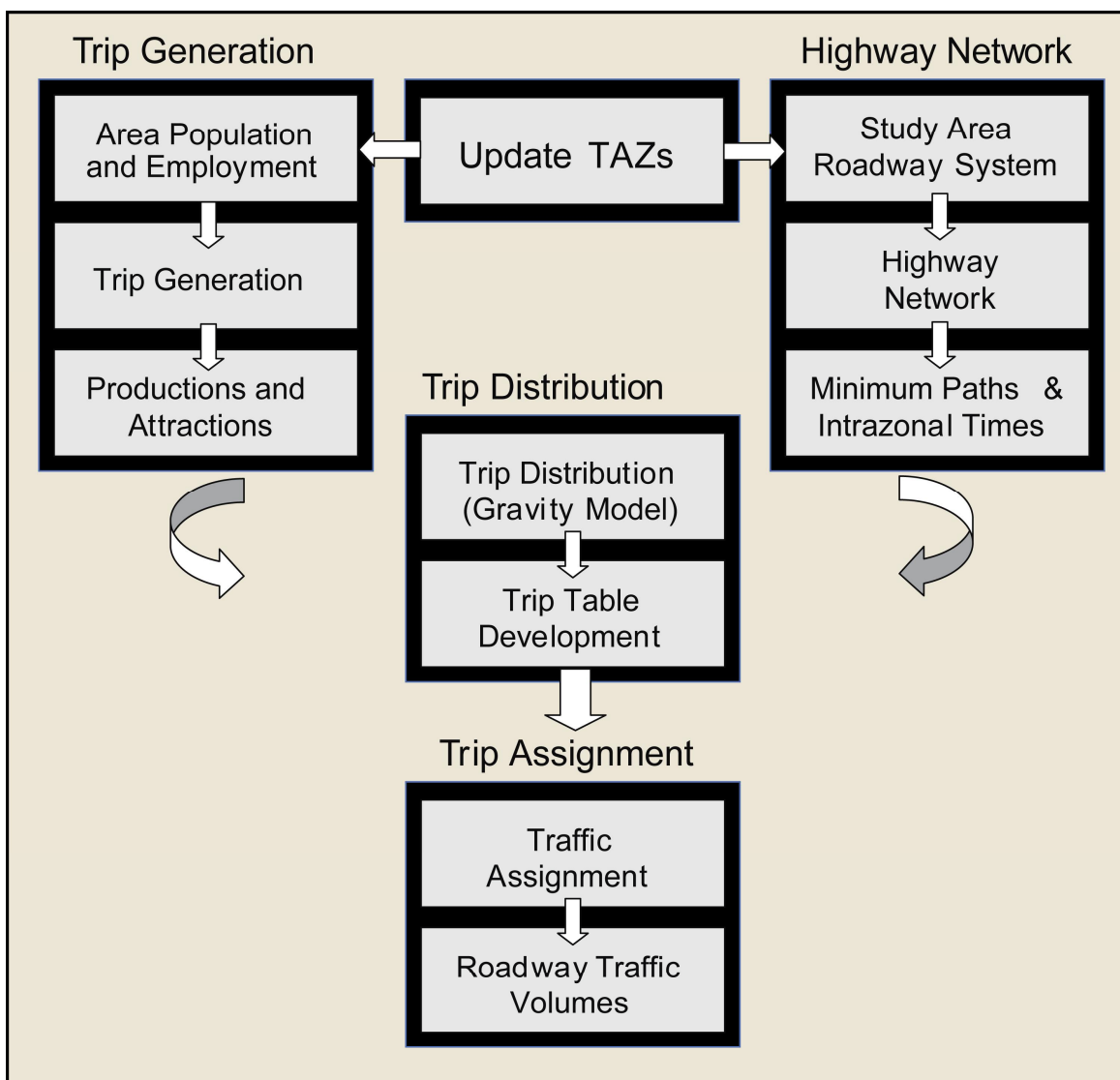
Source: ADOT and Southeastern Arizona Governments Organization (SEAGO)

### 3.4. TRAVEL FORECASTING MODEL

The transportation modeling procedure involves a number of steps, as shown graphically in Figure 3-7. To begin, there are two distinct sets of tasks to be performed which provide the input to a third set. One set involves the compilation of land use data and associated trip generation rates in the study area. This information is then used to calculate trip productions and attractions for each zone. The other set of concurrent tasks is the identification of the street system to be included in the model and the development of the highway network to represent the street system. The network data includes the TAZs (traffic analysis zones), street segment lengths, speed, and capacity. Using the street segment lengths and speeds in the network, the minimum time paths between zones are determined.

The productions and attractions for each zone and the minimum paths between zones are used as the inputs to the third set of tasks, the trip distribution and assignment process. Trip distribution is accomplished using a mathematical model. The most commonly used distribution model is the gravity model which assumes that the attraction of trips between zones is inversely proportional to the distance between zones. The result of the gravity model is a trip table which is a matrix of all trips distributed to/from each zone. These trips are then assigned to the street system, via the minimum paths (based on time), to produce traffic forecasts for the network.

Figure 3-7: Travel Forecast Model Process



### Model Calibration

The demand model for this study was created using the TP+ (Transportation Planning Plus) program, which is an integrated computer package for traffic forecasting process developed by Citilabs. TP+ provides a general framework for implementing a wide variety of travel demand forecasting processes encompassing simple 4-step models of trip generation, trip distribution, mode choice, and trip assignment for both highway and transit systems. In this study, the conventional four-step demand forecasting methodology was applied without the mode choice consideration.

Before the transportation model could be used to forecast traffic volumes, the model's representation of existing traffic conditions was validated. The first step was to build the highway network into TP+ and to develop the existing land use data for each zone. The base network was verified to make sure it properly represents the existing street system.

Then trip generation, distribution, and assignment were performed in TP+. The result is a loaded highway network with computer-simulated volumes. Trip generation rates developed for the study model were initially derived from the Graham County 1998 SATS with the adjustments made based on the small community characteristics and travel patterns, as determined from the new model. Using those rates, the total number of trips generated in each internal zone was calculated to identify the relative trip intensity of each of the zones.

Table 3-6: Trip Generation Rates for Travel Demand Model

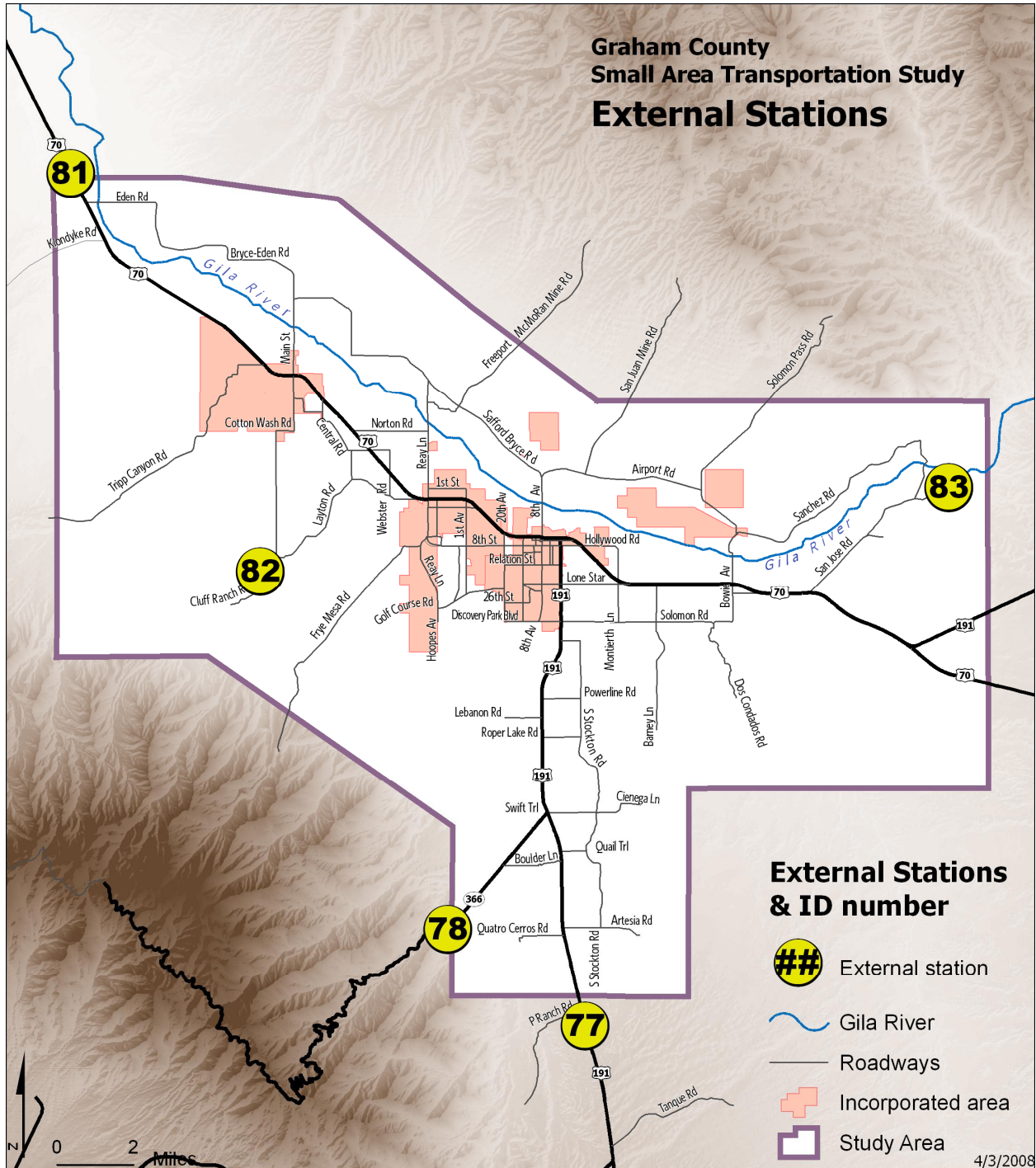
<b>Trip Rates</b>	<b>Home Based Work (HBW)</b>	<b>Home Based Other (HBO)</b>	<b>Non-Home Based (NHB)</b>
Dwelling Unit	1.48	3.85	1.09
Retail	5.2	16.12	4.68
Office	2.73	2.93	2.34
General	2.03	4.06	0.91

In addition to the trips generated by internal zones, the numbers of trips generated by the external zones were estimated. External zones represent traffic entering and exiting the model area from outside of the study area.

The traffic assignment was accomplished using a capacity restrained process. The capacity restrained assignment is an effort to replicate the actual traffic condition based on the capacity of the streets. If the volume on a road reaches capacity, the path times are re-calculated and the traffic is then re-assigned to the shortest time path.



Figure 3-8: External Stations



### Calibration Factors

The computer simulated volumes were compared to existing traffic levels to determine how well the existing conditions were being simulated. A number of model parameters and factors can be adjusted to improve the simulation. This adjustment process is the calibration of the model. The factors which can be adjusted include the street segment speed and capacity, friction factors, and intrazonal trip times. The friction factors are used to define the effect that the distance between zones has on the relative attractiveness of trips between zones. The intrazonal trip times add time to the trip within a zone so that a certain percentage of trips must leave a zone to be satisfied.

### Screenlines

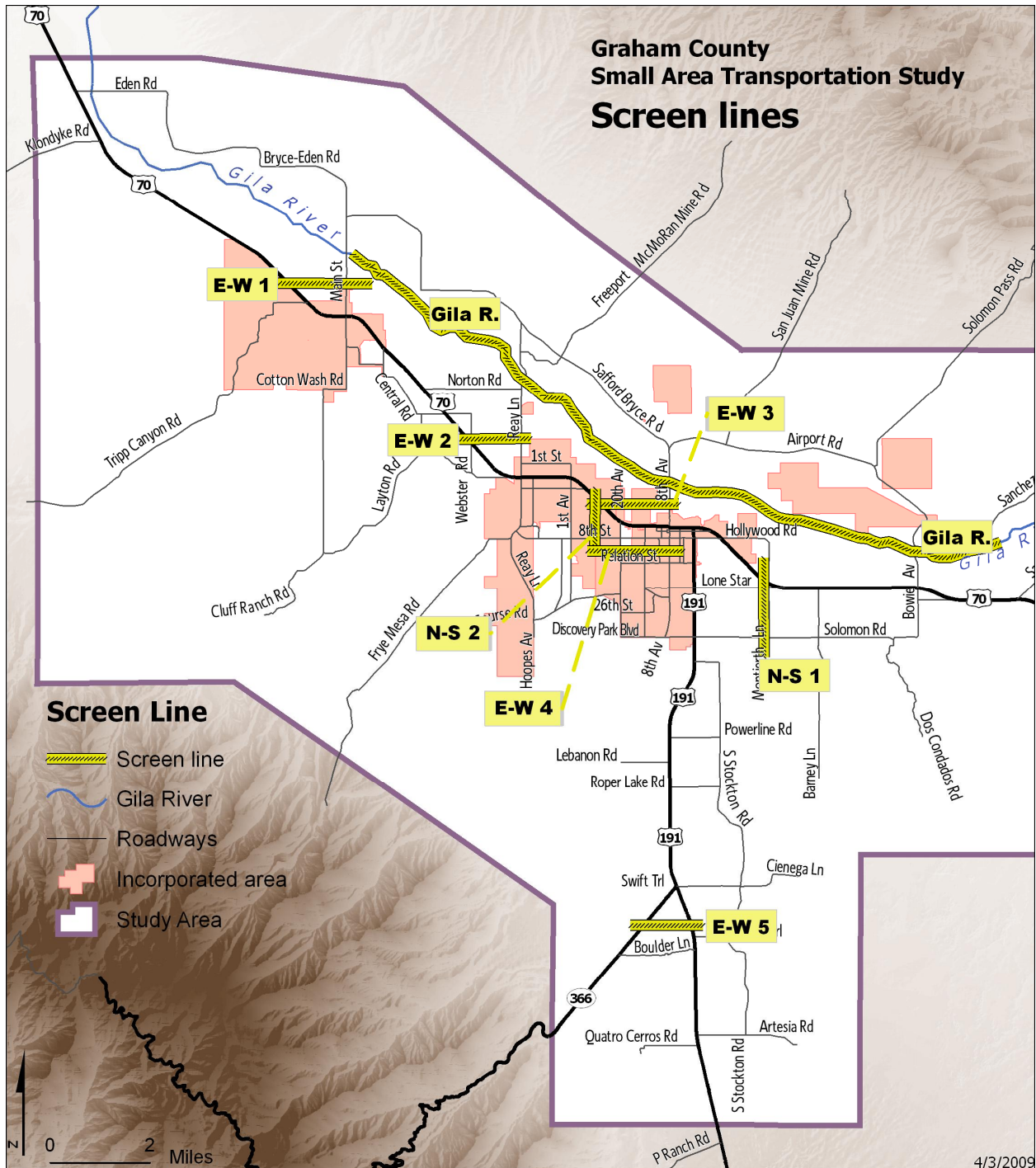
Initially, coarse adjustments were made to the model to shift traffic and replicate travel patterns. Before "fine tuning" the volumes, an additional check was made of the overall traffic in the area using screenlines. Another methodology of analyzing traffic movement in an area is by examining volumes across screenlines. A screenline is an imaginary line across which all the traffic flows can be counted and summed. This technique provides a means for examining major travel trends and removes the discrepancies that are inherent in model generated volumes on individual street segments. The screenlines used for this analysis are shown in Figure 3-9.

In the calibration process, screenlines are used to verify the total amount of traffic on area streets. If the total simulated traffic volume across a screenline is lower (or higher) than the existing traffic volumes, then a percentage adjustment is made to the simulated volumes across the screenline. This percentage is then applied to adjust the individual forecasts. The comparison between existing and simulated volumes indicates that the model results are reasonable and that existing volumes are being replicated well. As shown in Table 3-7, the simulation volumes across all of the screenlines are within 10% of existing traffic counts.

Table 3-7: Screenline Comparison, Existing vs. Model

SCREENLINE	EXISTING DAILY VOLUMES	MODEL DAILY VOLUMES	MODEL/EXISTING
Gila River	5,567	5,421	0.97
E-W 1	4,632	4,285	0.93
E-W 2	9,812	9,494	0.97
E-W 3	21,288	22,319	1.05
E-W 4	28,174	28,626	1.02
E-W 5	2,919	2,876	0.99
N-S 1	10,337	9,685	0.94
N-S 2	21,810	23,179	1.06

Figure 3-9: Screenline Analysis



### 3.5. TRAVEL FORECASTS

With the travel forecast model properly calibrated, traffic projections were developed for the future horizon years. The model inputs for the future condition were based on the projected population and employment data and the planned street system previously described. The anticipated trips generated from the proposed development projects listed earlier were considered. In addition, traffic at the external zones was increased to account for growth outside of the study area. The volumes at the external zones were increased by 35% in accordance with the Arizona Department of Economic Security population growth forecasts for the State and Graham County, as well as the historical traffic volumes from Arizona Department of Transportation in those areas.

The daily forecast volumes for 2013 and 2018 are shown in Figure 3-10 through Figure 3-13. The forecasts were derived from the model outputs and adjusted where appropriate. The adjustments were made to account for unknown estimation errors in the model and remove discontinuities that are inevitable in model-generated numbers.

Until 2020, the number of lanes information in the study area remains the same as the existing condition. After 2020, US 191 south of Armory Rd to SR 266 was widened to a 4-lane highway and US 70 between Hollywood Rd and Bowie Ave was widened to a 5-lane roadway. Figure 3-14 and Figure 3-15 show the roadway network completed by 2023. This includes the improvements listed in Table 3-5. The daily forecast volumes for 2023 are shown in Figures 3-16 and 3-17.

Overall, the total daily trips on the street system throughout the study area are expected to triple between 2007 and 2023. It should be noted that the traffic forecasts are based on the assumption that the employment growth rate and residential development presented in the "Growth Forecasts" section will occur by 2023.

In 2023, the highest traffic volumes, as projected, will be concentrated on US 70, US 191, 20th Ave, 14th Ave, 8th Ave, 8th St, Relation St, 20th St and Discovery Park Blvd. Specifically, US 70 within the Safford City limits and US 191 south of 20th St are forecasted to have an average of more than 30,000 and 50,000 vehicles per day. With the build-out of the Sierra Del Sol development, the volume on US 191 will increase dramatically by the year 2023. The proposed residential development and retail will make it a major trip generator and attraction for the area as well as the region in the future.

### 3.6. FUTURE OPERATING CONDITIONS

A review of future traffic conditions involved the capacity analysis of roadway segments with projected traffic volumes. The results of the analysis are expressed in terms of Level of Service (LOS) as previously described in Section 2.8.

To examine the operating conditions of arterial street segments, the daily traffic volumes are compared to capacity threshold volumes for various types of roadways, as previously shown in Table 2-15.

Future capacity of the planned street system was calculated to account for all the roadway improvements to be completed at the future target year. The 2013, 2018, and 2023 forecasted traffic volumes were compared with the capacity thresholds in Table 2-15 to obtain the operating condition of the roadways. Roadway segments that are predicted to be at or over capacity for 2013, 2018, and 2023 were identified. The modeling of the roads for level of service assumed a minimum of a 2-lane paved road being in place.

Figure 3-10: Traffic Volumes and Level of Service 2013

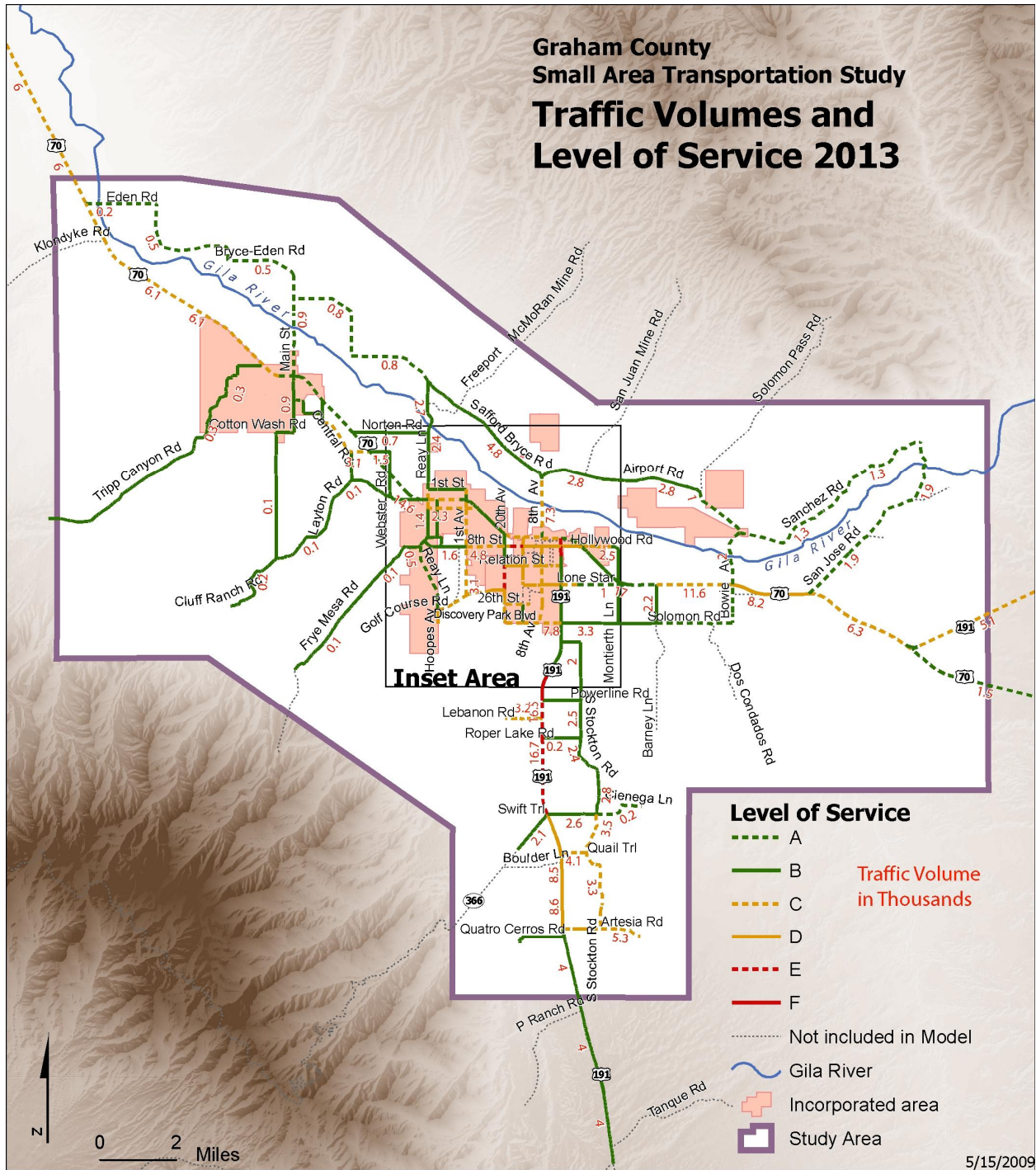


Figure 3-11: Traffic Volumes and Level of Service 2013 (Inset)

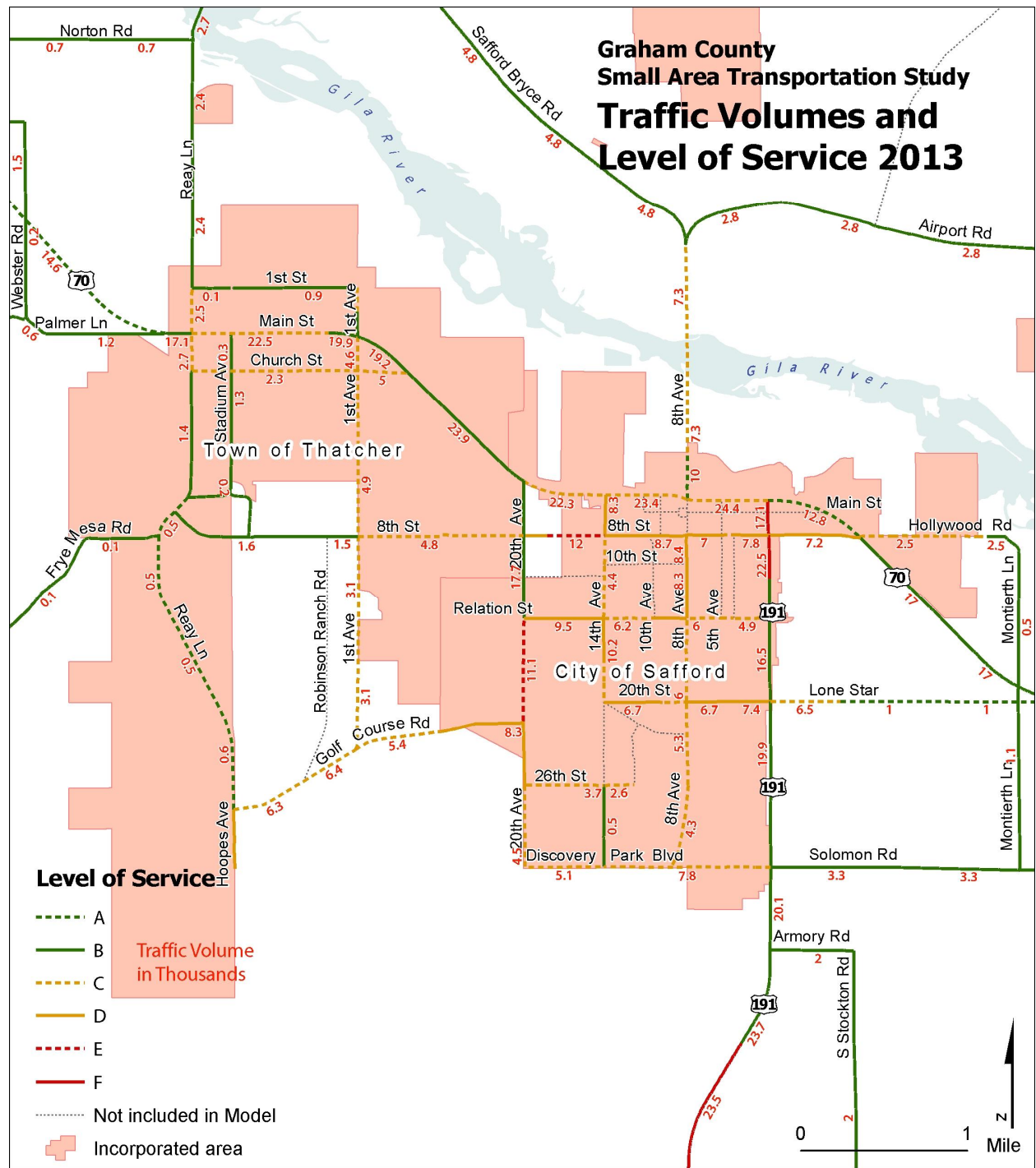


Figure 3-12: Traffic Volumes and Level of Service 2018

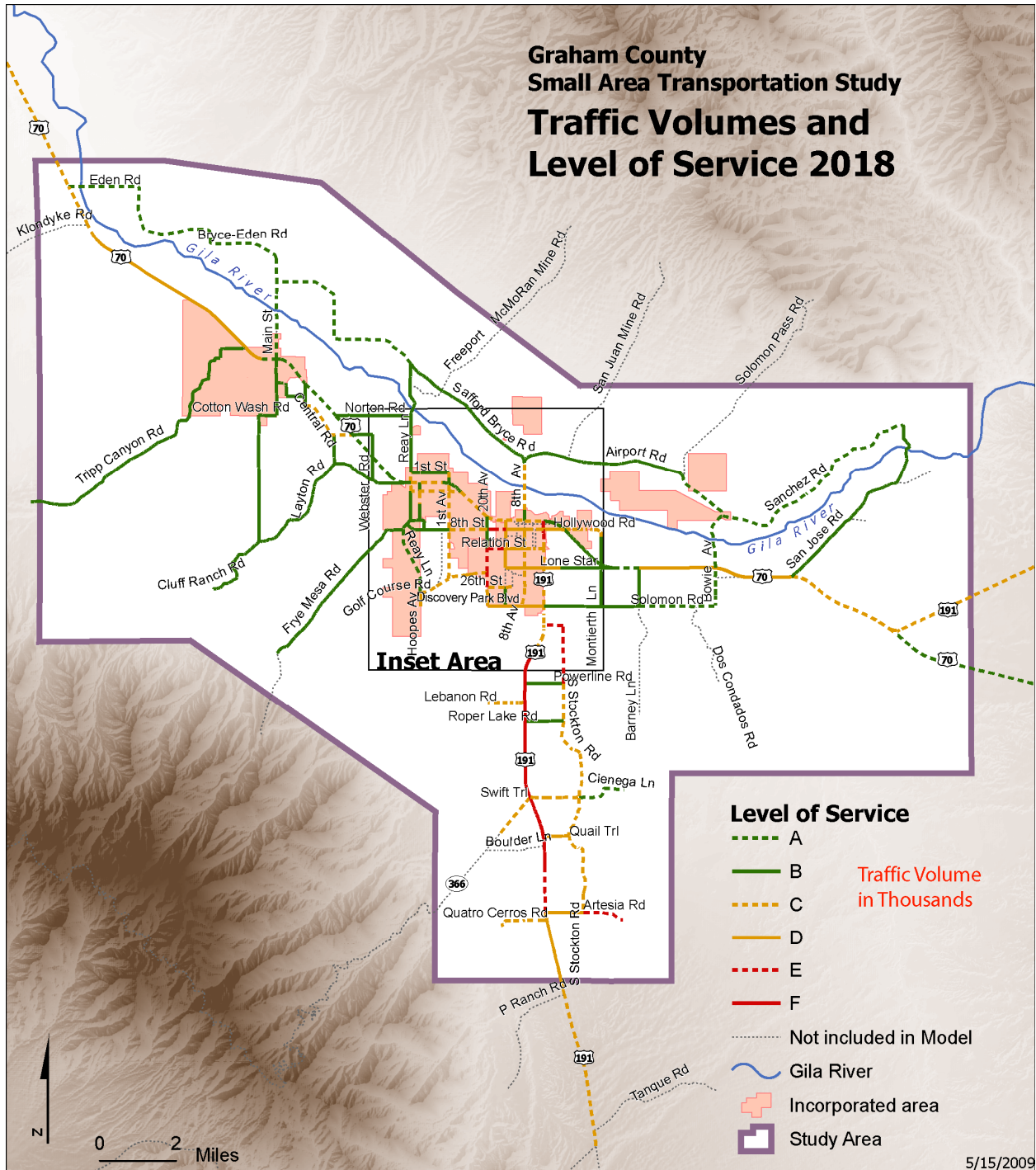




Figure 3-13: Traffic Volumes and Level of Service 2018 (Inset)

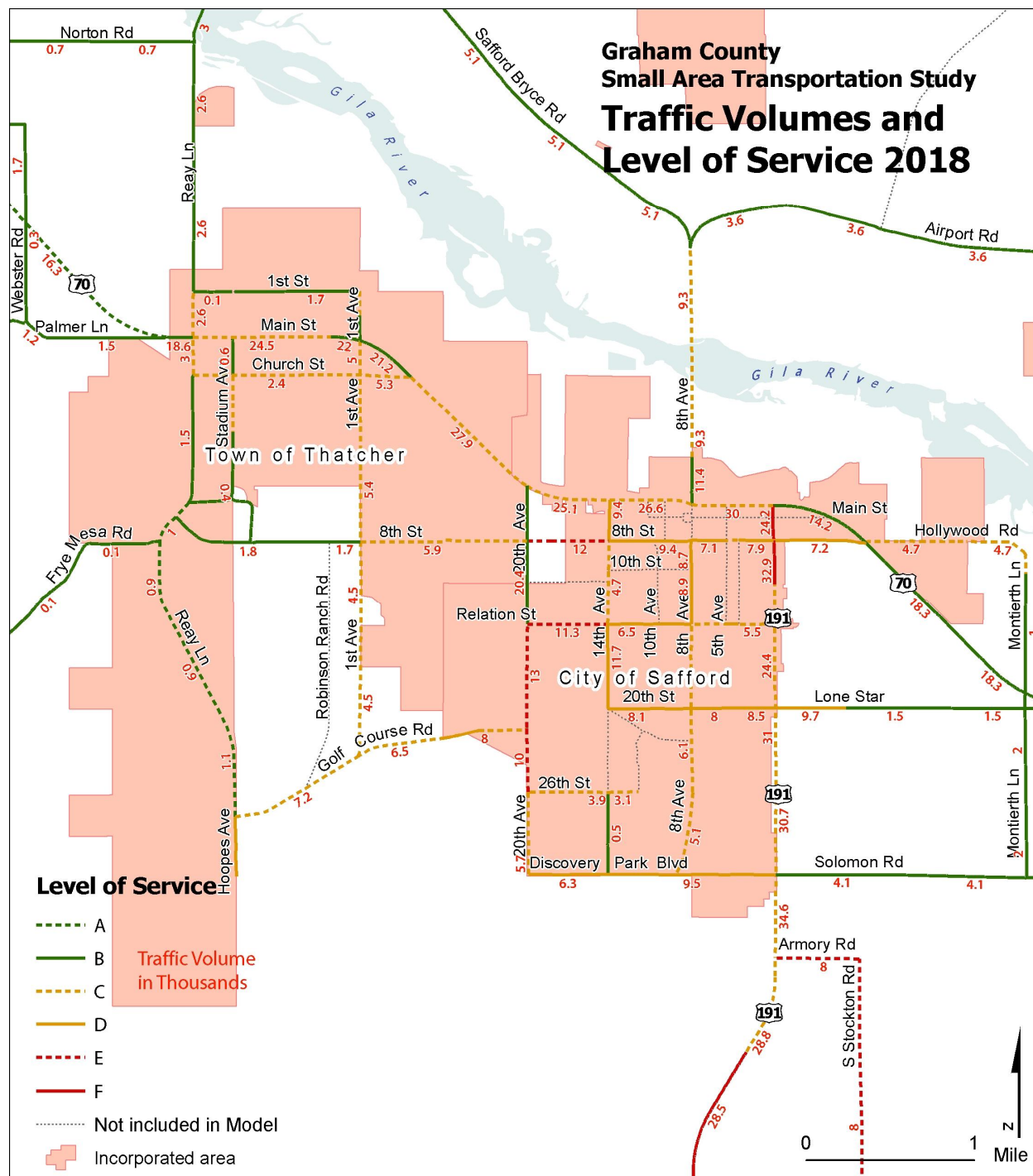


Figure 3-14: Planned Number of Lanes 2023

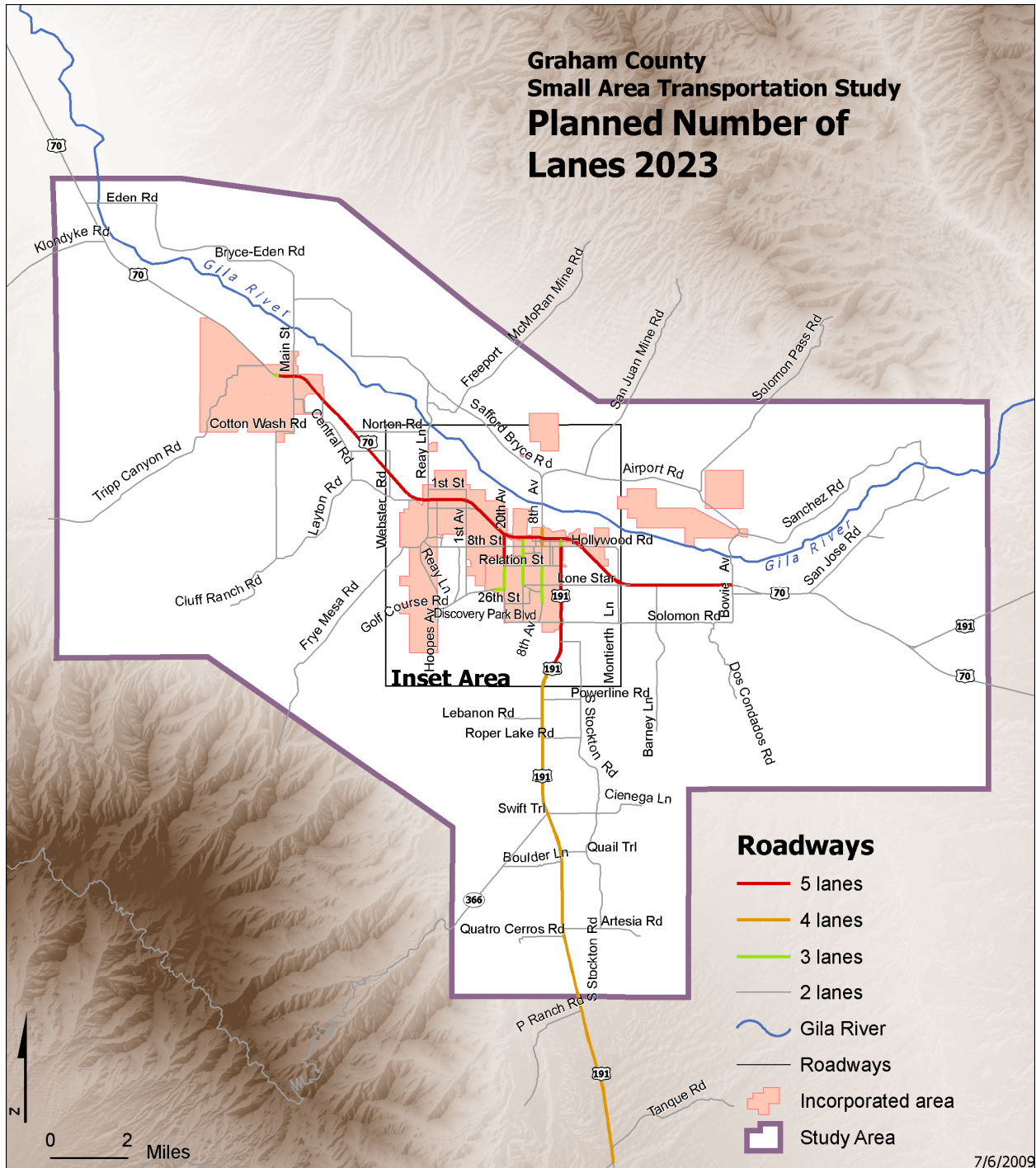


Figure 3-15: Planned Number of Lanes 2023 (Inset)

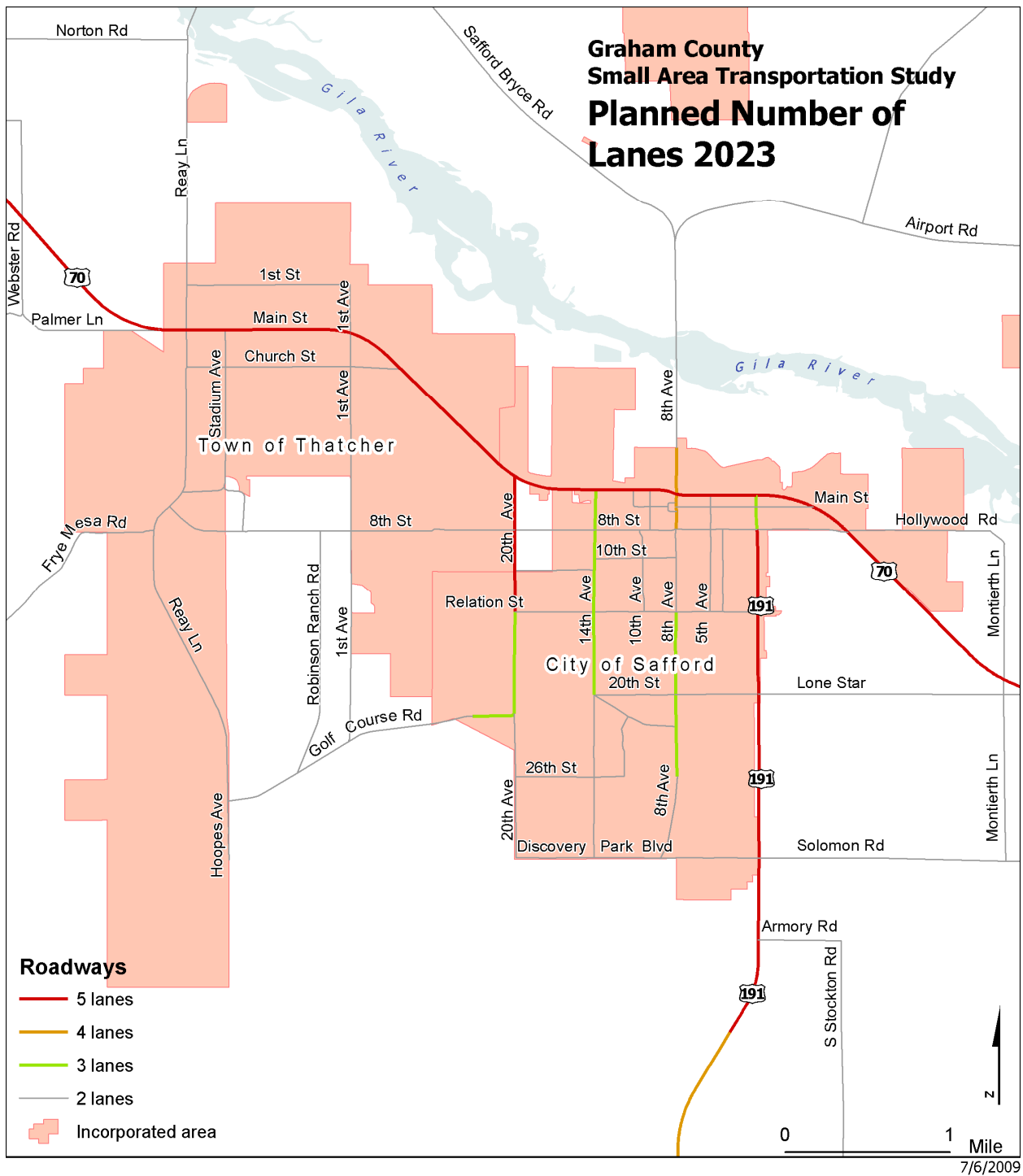


Figure 3-16: Traffic Volumes and Level of Service 2023

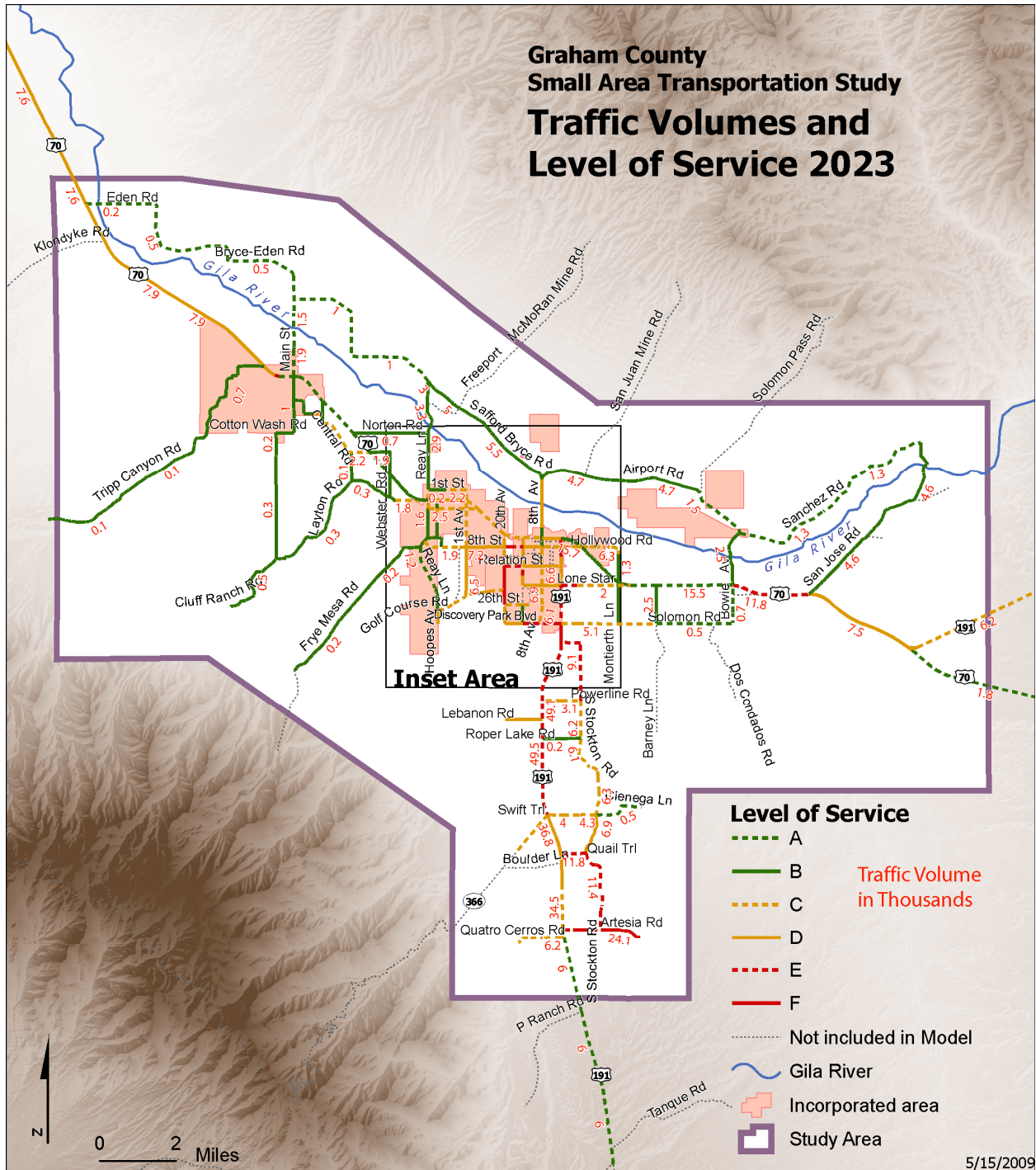
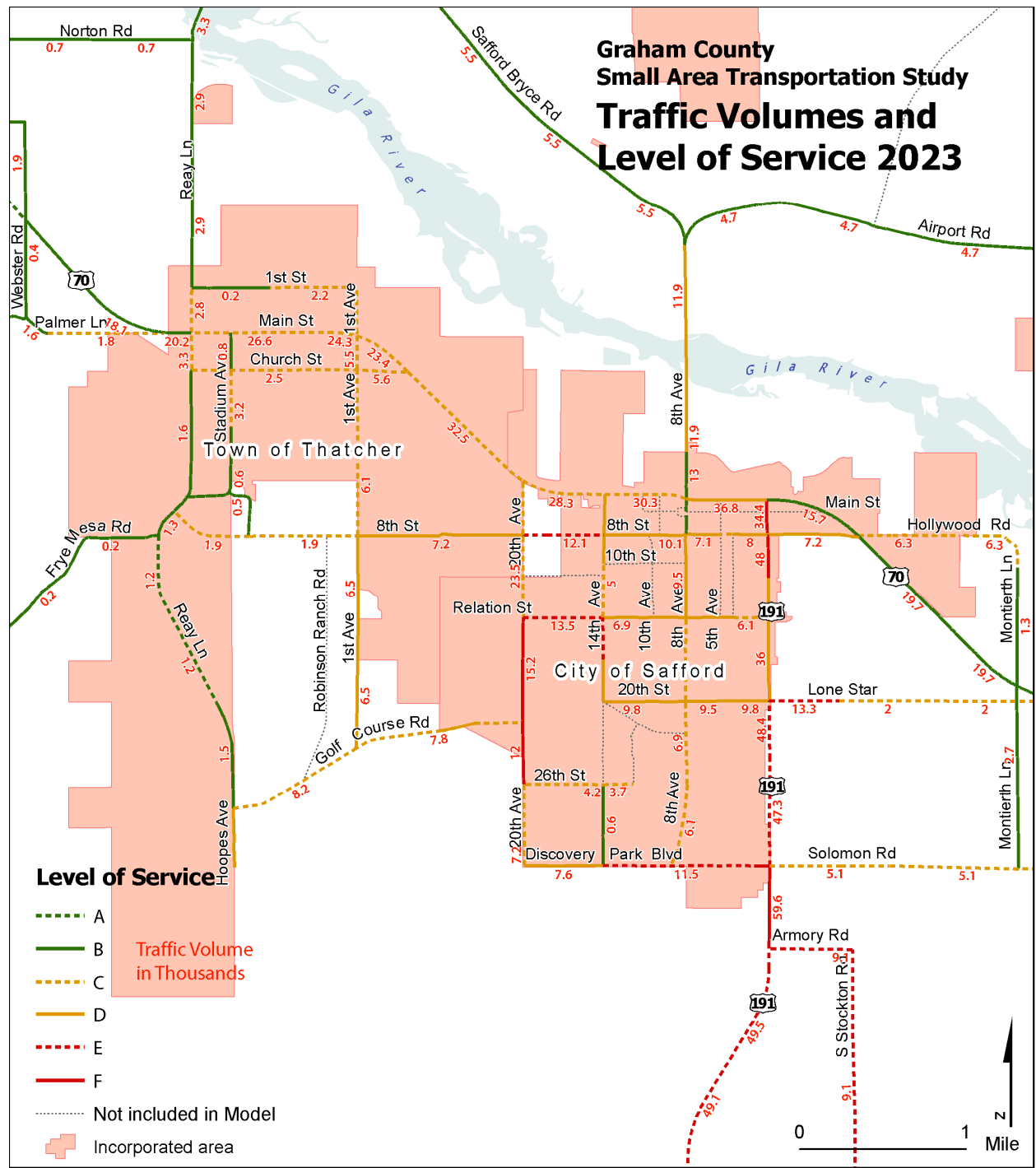


Figure 3-17: Traffic Volumes and Level of Service 2023 (Inset)



### 3.7. DEFICIENCIES

Based on the analysis of projected operating conditions, deficiencies in the future roadway network were identified. These were used in the subsequent section of this study which recommended improvements to the regional transportation network.

According to Highway Capacity Manual 2000 (HCM 2000), LOS C is recommended as the acceptable LOS in the rural areas and LOS D in the urban areas. The roadway capacity deficiency therefore is defined when a roadway segment experiences LOS D or worse for rural area and LOS E or worse for urban area in this study.

The roadway segment of US 191 south of Armory Road to SR 266 was programmed to be widened as a 4-lane divided highway after year 2020.

Other major roadway deficiencies within the Graham County study area are summarized in Table 3-8.

As shown from Table 3-8, the following major roadway segments will start to show unacceptable LOS by year 2013.

1) US 191 between 11th St and US 70

This roadway segment is currently a 3-lane urban principal arterial with a speed limit of 35 MPH. It is anticipated to operate at LOS F from 2013 to 2023. The 2018 ADT on this segment ranged from 24,200 to 32,900 vehicles per day. Adding one lane in each direction to form a 5-lane section is recommended to accommodate the 2018 projected traffic. However, even the widened 5-lane roadway is not expected to operate at an acceptable LOS by 2023, at which time the ADT is projected as 34,400 to 48,000 vehicles per day. It is recommended to research and plan for an alternative route for US 191 to alleviate the capacity limitation.

2) US 191 between Armory Rd and Swift Trail

This US 191 segment is currently a 2-lane rural minor arterial with a 55 MPH speed limit. This segment is operating well under existing conditions; however, the 2-lane roadway would not provide enough capacity in five years by assuming that 30% of the developments along US 191 were completed. It would start to experience LOS E by 2013 for most of the segments and LOS F by 2018. The minimum recommended improvement is to widen to a 4-lane divided highway on this segment by year 2013.

3) US 191 between Swift Trail and Artesia Rd

This segment currently operates well and would begin to experience LOS D by 2013 and LOS E/F by 2018. It was programmed to be widened to a 4-lane roadway in 2023. However, for part of the segment the operating condition would be LOS D. This is an unacceptable rural LOS; therefore it is recommended that the 4-lane widening be implemented earlier than currently planned.

4) US 70 between Bowie Ave and San Jose Rd

US 70 within this segment is a 2-lane rural minor arterial with a speed limit of 55 MPH. This roadway segment experiences LOS D from 2013 to 2018 and LOS E by 2023. Widening the segment to a 3-lane highway is recommended for year 2008-2013.

5) 20th Ave between Relation St and 26th St

The ADT for this segment is projected to be 11,100 to 15,200 vehicles per day from 2013 to 2023. It is currently operating as a 3-lane urban minor arterial between Relation St and Golf Course Rd with a 35 MPH speed limit. 20th Avenue is a 2-lane road south of Golf Course Rd to 26th St. The capacity issue can be solved by adding one lane in each direction to form a 5-lane section which aligns well with the 5-lane section to the north.

6) 8th St between 20th Ave and 14th Ave

This segment is a 2-lane urban collector with a 25 MPH speed limit. The projected ADT is around 8,700 to 12,000 from 2013 to 2023. Adding a two-way center turn lane is recommended to address the capacity issues. However, other improvement alternatives need to be researched because roadway widening is not possible due to limited right of way.

The roadway segments experiencing capacity issues by year 2018 are listed as below.

7) US 70 between north-west study limit and Bryce-Eden Rd

This rural segment would experience LOS D by year 2018 with a 65 MPH two lane rural minor arterial. Adding a center turn lane is recommended as a minimum improvement.

8) Relation St between 20th Ave and 14th Ave

This segment on Relation St is a 2-lane urban collector with a 35 MPH speed limit. It is planned to carry approximately 11,300 to 13,500 vehicles per day from 2018 to 2023. Adding one lane in each direction to form a 4-lane roadway can meet the projected ADT needs.

9) Armory Rd between US 191 and Stockton Rd

Armory Rd is a 2-lane rural minor collector with a speed limit of 45 MPH. Starting from year 2013, it is expected to operate at LOS E. The ADT for this segment is projected to be 7,100 to 9,100 vehicles per day from 2013 to 2023. Adding a center turn lane is recommended to be the minimum improvement.

10) Quail Trail between US 191 and Stockton Rd

The projected ADT for this segment is 7,600 to 10,100 from 2018 to 2023. It is recommended to widen this segment to a 4-lane roadway.

11) Artesia Rd east of US 191

Starting from 2018, this segment on Artesia Rd will experience LOS D. The projected ADT ranged from 7,500 to 9,800 in 2018, and from 10,000 to 13,000 by year 2023. It is recommended to widen this 2-lane local road to a 4-lane roadway.

12) Stockton Rd between Armory Rd and Powerline Rd

This segment on Stockton Rd is a 2-lane rural minor collector. It is projected to carry 7,100 to 9,100 vehicles per day from 2013 to 2023. It is recommended to widen this road to a 4-lane road.

By year 2023, additional roadway segments are expected to require capacity improvements. These segments are described below:

1) US 191 between 20th St and Discovery Park Blvd

This segment on US 191 is a 5-lane urban principal arterial with a speed limit of 45 MPH. The segment will operate well until 2018. However, it will experience LOS E by 2023. It is recommended to research and plan for an alternative route for US 191 to alleviate the capacity limitation.

2) US 191 between Discovery Park Blvd and Armory Rd

This segment on US 191 is a combination of 5-lane rural principal and minor arterial with a speed limit of 45 MPH. The 2023 ADT projection of 59,600 on this segment is the highest at any location in Graham County area. It is recommended to research and plan for an alternative route for US 191 to alleviate the capacity limitation.

3) US 191 between Armory Rd and Swift Trail

Although the segment would be widened to four lanes by year 2023, the roadway is probably still unable to meet the traffic projections ranging from 34,500 to 49,500 vehicles per day. The minimum improvement recommendation is adding a center turn lane to form a 5 lane on this segment by year 2023.

4) US 191 between Swift Trail and Artesia Rd

Adding a center turn lane and making this an urban 5-lane section for this segment is recommended by year 2023.

5) US 70 between Bowie Ave and San Jose Rd

This rural 2-lane minor arterial segment will operate at LOS E by 2023 with an ADT projection of 11,800. Widening this segment to 4-lane divided roadway is recommended.

6) US 70 between San Jose Rd and US 70/US 191 Split

This rural 2-lane minor arterial segment will operate at LOS D by 2023 with an ADT projection of 7,500. Widening this segment to 4-lane roadway is recommended.

7) 8th Ave between Airport Rd and 1st St

This is a 2-lane rural major collector with a speed limit of 45 MPH. It would experience LOS D in 2023 with a projection of 11,900 vehicles per day. It is recommended to widen this segment to a 4-lane roadway.



8) 14th Ave between Relation St and 20th St

The segment will be operating at LOS E by 2023.. Currently 14th Avenue is a 3-lane urban collector with an existing speed limit of 35 MPH. It is recommended to add one lane in each direction to form a 5-lane section and address the capacity issue.

9) Lone Star Rd between US191 and US70

The Lone Star Rd is a 2-lane urban collector with speed limits from 25 MPH to 35 MPH. It will serve as the major access road for the planned Welker Farm Development. The ADT on this road will be projected as 13,300 by year 2023 on the west side to US 191. It is recommended to widen this road to a 4 lane urban collector.

10)Discovery Park Blvd between 14th Ave and US 191

Discovery Park Blvd is a 2-lane urban minor arterial under existing conditions. East of 14th Avenue, the speed limit is 45 MPH. By year 2023, the entire segment will operate at LOS E. The ADT projection is approximately 11,500 in 2023. It is recommended to widen this road to a 4-lane arterial.

11)Lebanon Rd between 20th Ave and US 191

Lebanon Rd is currently a 2-lane local road. The projection ADT on this road is 8,100 by 2023. It is recommended to add a center turn lane.

12)Stockton Rd between Quail Trail and Artesia Rd

As a parallel road to US 191, this segment of Stockton Rd will function as the major alternative route for access to the mega Sierra Del Sol development. The projected ADT is approximately 6,900 by year 2023. It is recommended to widen Stockton Road to a 4-lane road.

Table 3-8: Roadway Capacity Deficiencies Summary

ID	Roadway	Segments		2007	2013	2018	2023
		From	To	LOS	LOS	LOS	LOS
1	US 191	US 70	11th St	D	F	F	F
2	US 191	20th St	Discovery Park Blvd	B	B	C	E
3	US 191	Discovery Park Blvd	Armory Rd	B	B	C	F
4	US 191	Armory Rd	Swift Trail	B/C*	B/E/F*	F	E
5	US 191	Swift Trail	Artesia Rd	B	D	E/F*	C/D*
6	US 70	Study Limit	Bryce Eden Rd	B	C	C/D*	D
7	US 70	Bowie Ave	San Jose Rd	C	D	D	E
8	US 70	San Jose Rd	US 70/US 191 Split	C	C	C	D
9	8th Ave	Airport Rd	1st St	B	C	C	D
10	14th Ave	Relation St	20th St	C	C/D*	D	D/E*
11	20th Ave	Relation St	26th St	C	E	E	F
12	8th St	20th Ave	14th Ave	D	D/E*	E	E
13	Relation St	20th Ave	14th Ave	C	D	E	E
14	Lone Star Rd	US 191	US 70	A	B/C*	B/D*	C/E*
15	Discovery Park Blvd	14th Ave	US 191	C	B	D	E
16	Armory Rd	US 191	Stockton Rd	B	B	E	E
17	Lebanon Rd	20th Ave	US 191	N/A	C	C	D
18	Quail Trail	US 191	Stockton Rd	B	C	D	E
19	Artesia Rd	US 191	East Side	B	C	D/E*	E/F*
20	Stockton Rd	Armory Rd	Powerline Rd	B	B	E	E
21	Stockton Rd	Quail Trail	Artesia Rd	B	C	C	E

# / # \*: Part of the segment has a better LOS.

## 4.0 EVALUATION & IMPROVEMENT PLAN

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### Introduction

The Graham County, Safford, Thatcher, Pima Small Area Transportation Study examines current and projected travel demand to provide recommendations for future transportation improvements. The study area encompasses Safford, Pima, Thatcher, and Graham County. Working Paper #1 evaluated existing and future conditions throughout the study area. In addition, comments have been received from the public and community leaders. This document, Working Paper #2, uses the data collected and generated in Working Paper #1 to make recommendations for improved transportation facilities. It includes identification of needs and deficiencies, evaluation of improvements to address such needs, and a ranking of projects. The potential improvement projects are evaluated based on the criteria set with input from the TAC, and ranked as short-, mid-, and long-term programs. The rankings of projects are based on priorities, costs, and financing options.

### Mobility Needs

Mobility needs are related to the circulation and access requirements of the existing and future developments. It is evaluated in terms of access to and travel time between activity centers.

As the major developments are expected along US 191 Corridor and the suburban area of the Safford-Thatcher-Pima metropolitan area, access management will be required in these areas. Also, access by different modes will be needed to facilitate multimodal transportation circulation. In terms of circulation, street connectivity was identified as a concern by some of the residents. They indicated a need for an extension of certain streets to provide connection to a nearby street and to new corridors. The recommended projects to enhance mobility and access throughout the region based on concerns identified by residents and local agencies are listed below. Suggested roadway projects, including both widening and new facilities, are:

## 4.1. ROADWAY IMPROVEMENTS

### Widening Roadways

- 1) Hollywood Rd – widen to 4 lanes from Route 70 to east city limits
- 2) Relation St – widen to 4 lanes from 14th Ave to 20th Ave
- 3) 8th St – widen to 3 lanes from 8th Ave to 20th Ave
- 4) 26th St – widen to 4 lanes from US 191 to 8th Ave
- 5) 26th St – widen to 4 lanes from 10th Ave to 12th Ave
- 6) 20th Ave – widen to 5 lanes from Relation St to Discovery Park Blvd
- 7) Discovery Park Blvd– widen to 66 from US 191 to 20th Ave
- 8) 1st St – widen to 5 lanes from 8th Ave to 20th Ave
- 9) 1st Ave (Thatcher) – widen to 3 lanes from US 70 to Union Canal
- 10) Allred Ln – widen to 3 lanes
- 11) 14th Ave – widen to 4 lanes from 20th St to Highline Canal
- 12) 14th Ave – widen to 4 lanes from Highline Canal to 24th St
- 13) 14th Ave – widen to 4 lanes from 26th St to 30th St
- 14) 14th Ave – widen to 4 lanes from 30th St to Discovery Park Blvd
- 15) 26th St – widen to 4 lanes from 12th Ave to 20th Ave
- 16) 8th Ave – widen to 4 lanes from 26th St to Discovery Park Blvd
- 17) 8th Ave – widen to 4 lanes from 8th St to Relation St
- 18) 8th St – widen to 4 lanes from US 191 to 8th Ave
- 19) Golf Course Rd – widen to 4 lanes from 800 feet west Of 20th Ave to east CL
- 20) Reay Ln – widen to 3 lanes from US 70 to Church St
- 21) 8th St – widen to 3 lanes from 20th Ave (Safford) to 1st Ave (Thatcher)
- 22) 20th St – widen to 4 lanes from US 191 to 14th Ave
- 23) US 191 – widen to 5 lanes from Lebanon Rd to Artesia Rd
- 24) Safford Bryce Rd – Widen to 3 lanes from Reay to 8th Ave
- 25) Lone Star Rd – Widen to 3 lanes from US 191 to US 70
- 26) Upper Solomon Rd – Widen to 3 lanes from US 191 to Bowie Ave
- 27) 8th Ave – Widen to 4 lanes from Safford City Limits to Safford-Bryce Airport Rd
- 28) 14th Ave – widen to 4 lanes from 8th St to Relation St

### New Roadways

- 1) 20th St – new 4 lanes wide roadway from 17th Ave to 20th Ave
- 2) East Church St extension
- 3) Relation St and 8th St connection
- 4) 8th St – extend west to connect to Cluff Ranch Rd
- 5) Central Rd and US 70 – connect to Cluff Ranch Rd
- 6) 26th St connection to US 191

- 7) 20th Ave – extend south from Discovery Park Blvd to 45th St
- 8) New road in alignment with Norton Rd from US 70 to Reay Ln for truck traffic
- 9) US 191 – extend north of Highway 70 then west toward the Safford treatment plant passing north of the treatment plant connecting near Church St in Thatcher

#### New Crossings

- 1) Reay Ln Railroad crossing improvements – US 70 to Church St

#### New Multimodal Infrastructure

##### Multi-Use Paths along:

- 1) Reay Ln
- 2) Stadium Ave

8th St – Multi-Use Path from Reay Ln to Thatcher east City Limit

- 3) Golf Course Rd – Multi-Use Path from Safford City limits to Reay Ln

##### Sidewalks along:

- 1) Relation Street
- 2) 8th Ave
- 3) 14th Ave
- 4) 20th Ave
- 5) 8th St
- 6) 20th St
- 7) 1st Ave (Thatcher) from 8th St to Church St

#### Traffic Intersections Improvements

- 1) Hollywood Rd – traffic signal at Route 70
- 2) Relation St – traffic signal at 20th Ave
- 3) Reay Ln/US 70 traffic signal or roundabout
- 4) Traffic signal at Reay Ln and US 70
- 5) Traffic signal at Lone Star Ln and US 191
- 6) Stop sign at 11th Ave and 8th St
- 7) Traffic signal at US 191 and Artesia Rd
- 8) 8th Ave and Airport Rd/Safford Bryce Rd signal or roundabout
- 9) Reay Lane and Safford-Bryce Rd intersection geometry improvement

## 5.0 OTHER NEEDS

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### 5.1. ENVIRONMENTAL OVERVIEW

The environmental justice issues are related to the environmental and human health conditions of minority and low-income population. In Graham County, according to Census 2000, 32.9 percent of the Graham County residents were minorities and nearly 21 percent of the population lived below the poverty level. Approximately 16 percent of the population was 60 years or older. In the study area, based on the census data, no general clustering of minority and low-income population was identified. The equitable distribution of transportation services to provide access to jobs and services to all, including minority and low-income populations, must be provided.

Other environmental issues which related to the noise and air pollution corresponding to traffic congestion were also identified by the residents. Communities adjacent to the US 191 corridor from Lebanon Road to Artesia Road were identified by people as affected by the increased traffic.

### 5.2. FINANCIAL INCENTIVES/COMMUNITY PARTNERSHIPS/ JOB CREATION

Financial incentives such as travel allowances, transit, and ridership benefits are required to encourage the use of alternative modes of transport. Currently, many park and ride facilities are used by the Freeport McMoRan mine employees. The mine also offers a shuttle service for employees. Partnerships with the governmental organization at the state and city level, elected officials, community, and other non-profit organization should be strived to get support for transport related projects. Transportation improvement should support job creation and thus by increasing access to good jobs, help the economic development of the region. Access to underutilized land would be helpful in the development of such land, therefore increasing the opportunity for economic growth and job creation.

### 5.3. REVIEW OF THE GRAHAM COUNTY TRANSIT FEASIBILITY REVIEW

The Graham County Transit Feasibility Study identified transit dependent populations, the need for connections between major community activity centers, and funding alternatives. The study identified a substantial demand for transit in this region and recommended operating alternatives. Unfortunately, the complexities of the funding and management issues were not resolved and no transit service was implemented based on this study.

The study recommended that some sort of variable route operating on a fixed schedule would be preferable to meet the identified travel demand. Specifically, they suggested the creation of a deviated fixed route service on a predetermined time schedule, but with the provision for the vehicle to follow any route needed to pick up individuals along the way and make it to the fixed points on schedule. At this point, the TAC and local government staff decided to revisit the implementation phase in order to bring transit services to Graham County after a specific period of time.

## 6.0 EVALUATION OF IMPROVEMENTS

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### 6.1. EVALUATION CRITERIA

The evaluation measures are a list of factors that should be considered in the review of a potential improvement project. The measures are included in the project descriptions to identify potential benefits, impacts, and constraints. More detailed analysis of the measures would be required during the concept development and design phase of a project. Evaluation criteria outline both qualitative and quantitative factors which are used to evaluate potential projects. The application of the criteria may vary depending on the category of road. Initially, a list of evaluation criteria was developed to provide direction to the TAC in identifying the most applicable and significant criteria for use in this study. This criterion is provided below.

#### Cost

Construction cost estimates will be calculated for each potential improvement. The costs are planning level costs based on a unit cost for each project type. Costs are a major factor in establishing priorities for improvements and are used to compare to available revenue.

#### Right of Way Impacts

The need for new right of way for an improvement should be determined as early as possible in the project development process since the acquisition of right of way typically takes longer than the design and construction. This is a qualitative measure that identifies if additional right of way is needed for a project.

#### Building Acquisitions

This is a quantitative measure that documents the number of buildings expected to be acquired as part of the improvement. The number is a conservative estimate at the planning stage.

#### Relief of Congestion

Relief of congestion is a quantitative measure that compares the base condition level of service with the LOS after the improvement. This measure gives an indication of the overall impact of the improvement on the area transportation system.

#### Traffic Service

This is a measure of the projected traffic volumes that an improvement is expected to attract. The description of each improvement will include the daily traffic volume.



### Mobility and Accessibility

This is a qualitative measure of the project's ability to improve the circulation in an area and provide access for new developments. Its will be measured in terms of improved travel time between activity centers.

### Engineering Challenges

There can be unique conditions that must be overcome in order to develop a feasible project. These often require special design features in order to construct a project. Engineering challenges are identified in the project descriptions so that they can be used in the prioritization of projects. Engineering challenges could include drainage patterns, terrain, railroad crossings, and utilities.

Other criteria to be considered are:

- Public development goals
- Private development responsibilities
- Level of service
- Accident rates
- Environmental issues
- Historical preservation
- Community support
- Funding prospects

After consultation with the TAC members, the following evaluation criteria and priority levels were identified for use, as shown in Table 6-1:

Table 6-1: Evaluation Criteria

<b>Planning Factor</b>	<b>Goal</b>	<b>Criteria</b>
Safety	Maintain and enhance safety for all transportation system users	Improve safety at high incident locations
Level of Service	Relieve congestion and improve mobility	Improve delay at intersections and roadway segments by both direct improvements and alternate or relief routes
		Improve roadway access management
Regional Connectivity	Create a network which provides for mobility and accessibility accommodating local needs as well as connectivity throughout the region for both personal mobility and freight	Improve multimodal network connectivity, including parallel or alternative routes to facilitate mobility for incident management
		Increase modal choices and improve mobility options
		Supports vital regional industry
Conservation and Preservation	Protect the open space, farmland, historic areas and critical environmental areas	Minimize impact to farmland and environmentally sensitive areas (biological, cultural, scenic)
Engineering Challenges	Avoid extreme terrain and other cost-excessive engineering concepts to make the best use of public funds to meet the long-term multimodal transportation needs of the region	Provide cost effective transportation improvements
		Encourage context-sensitive solutions that fit with the physical setting
		Avoid significant impact to floodplains, drainage features, and flood control structures

## 7.0 RANKING OF PROJECTS

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All of the projects identified from the capacity analysis, input from TAC members, and public involvement, are categorized into three timeframes according to the recommended evaluation criteria described above. They are shown in Table 7-1 through Table 7-3. The actual implementation of projects will depend on a number of factors including available funding, cost sharing, and joint participation and development contributions. It is important to note that the recommended motorized and non-motorized projects should be implemented using complete streets guidelines to ensure that the projects support future transit investment.

### 7.1. IMMEDIATE NEEDS

Projects to be included in the 2008-2013 five-year program, with type of project, costs, and financing options, are shown in Table 7-1 and in Figure 7-1 through Figure 7-4.

Non-motorized projects such as sidewalk and multi-use path projects were assumed to be completed along with associated roadway widening. The construction costs for some projects were provided by Safford, Thatcher and Graham County. Construction costs for the rest of the projects were calculated using unit prices and guidelines provided by Safford.

Figure 7-1 and Figure 7-2 display the LOS by 2013 with the short-term recommended roadway widening projects implemented. It shows most of the segments previously with unacceptable LOS in the no-build condition will be improved to LOS C or D. Particularly on US 191 between 11th St and US 70 with restriping to 5-lanes, the LOS F improves to LOS B; south of Armory to Swift Trail, LOS E and F on US191 improve to LOS B; between Swift Trail and Artesia Rd, the LOS on US 191 improves from D to B with the widened 4-lane roadway.

In downtown Safford, 20th Ave between Relation St and Golf Course Rd would experience LOS A with the widened 5-lane urban minor arterial. 8th St between 20th Ave and 14th Ave would have better LOS of D with the center turn lane added. However, other improvement alternatives need to be researched because roadway widening is not possible due to limited right of way.

On US 70 between Bowie Ave and San Jose Rd, the operating condition improves to LOS C.

Table 7-1: Short-Term Recommended Improvement Projects 2008-2013

Item Number	Project	Location	Type of Improvement	CIP Project	Cost
1	US 191 between 11th St and US 70 – restripe to 5 lanes	Safford	Restriping		\$19,834
2	US 191 between Armory Rd and Swift Trail – widen to 4 lane highway	Graham County	Widening		\$9,379,791
3	US 191 between Swift Trail and Artesia Rd- widen to 4 lane highway	Graham County	Widening		\$4,750,123
4	US70 between Bowie Ave and San Jose Rd - widen to 3 lane highway	Graham County	Widening		\$4,058,701
5	Hollywood Rd – widen to 4 lanes from Route 70 to east city limits	Safford	Widening	Yes	\$1,997,745
6	Relation St – widen to 4 lanes from 14th Ave to 20th Ave	Safford	Widening	Yes	\$1,209,683
7	8th St – widen to 3 lanes from 8th Ave to 20th Ave	Safford	Widening	Yes	\$4,759,950
8	20th Ave – widen to 5 lanes from Relation St to Discovery Park Blvd	Safford	Widening	Yes	\$4,167,586
9	Discovery Park Blvd– widen to 5 lanes from US 191 to 20th Ave	Safford	Widening	Yes	\$4,167,586
10	1st St – widen to 5 lanes from 8th Ave to 20th Ave	Safford	Widening	Yes	\$3,051,118
11	1st Ave (Thatcher) – widen to 3 lanes from US 70 to 8th St	Thatcher	Widening	Yes	\$600,000
12	Allred Ln Widening	Thatcher	Widening	Yes	\$625,000
13	8th Ave – widen to 4 lanes from City of Safford limits to Safford-Bryce Rd	Graham County	Widening		\$2,638,540
14	US 70 14th Ave-Safford (MP338)	Safford	Intersection		\$350,000
15	US 191 MP118+ (Armory Rd)	Safford	Intersection		\$350,000
16	US 191 MP119+ (Discovery Park Blvd)	Safford	Intersection		\$350,000
17	US 191 MP114+ (SR366/Swift Trail)	Safford	Intersection		\$350,000
18	SR 366 MP118+	Safford	Intersection		\$350,000
19	20th Ave at 8th St	Safford	Intersection		\$350,000
20	Main St at 3rd Ave	Safford	Intersection		\$350,000
21	8th St at 14th Ave	Safford	Intersection		\$350,000
22	US 191 at 8th St	Safford	Intersection		\$350,000
23	8th Ave at US 70	Safford	Intersection		\$350,000
24	8th Ave at 8th St	Safford	Intersection		\$350,000
25	8th Ave at Airport Rd/Safford Bryce Rd	Safford	Intersection		\$1,000,000
26	Relation St at 14th Ave	Safford	Intersection		\$350,000
27	Hollywood Rd – traffic signal at Route 70	Safford	Intersection	Yes	\$350,000
28	Relation St – traffic signal at 20th Ave	Safford	Intersection	Yes	\$350,000
29	Traffic signal at Lone Star Ln and US 191	Safford	Intersection		\$350,000
30	Stop sign at 11th Ave and 8th St	Safford	Intersection		\$350,000

Table 7-1: Short-Term Recommended Improvement Projects 2008-2013 (continued)

Item Number	Project	Location	Type of Improvement	CIP Project	Cost
31	US 70 at MP337 (Church St)	Thatcher	Intersection		\$350,000
32	Reay Ln at Safford Bryce Rd	County	Intersection		\$350,000
33	Main St (US 70) at College Ave	Thatcher	Intersection		\$350,000
34	Main St (US 70) at Stadium Ave	Thatcher	Intersection		\$350,000
35	Reay Ln/US 70 traffic signal or roundabout	Thatcher	Intersection	Yes	\$1,000,000
36	20th St – new 4 lane wide roadway from 17th Ave to 20th Ave	Safford	New Roadway	Yes	\$602,649
37	26th St connection to US 191	Safford	New Roadway	Yes	\$714,179
38	Reay Ln - Multi-Use Path from Norton Rd to Golf Course Rd	Thatcher	Multi-Use Path		\$466,667
39	Stadium Ave - Multi-Use Path from US 70 to Fry Mesa Rd	Thatcher	Multi-Use Path	Yes	\$466,667
40	8th St - Multi-Use Path from Reay Ln to Thatcher east City Limit	Thatcher/Safford	Multi-Use Path	Yes	\$466,667
41	Relation St - sidewalk from US 191 to west Safford City Limit	Safford	Sidewalk		\$320,000
42	20th Ave - sidewalk from US 70 to Discovery Parkway	Safford	Sidewalk		\$320,000
43	8th St - sidewalk from US 70 to 20th Ave	Thatcher/Safford	Sidewalk		\$320,000
44	1st Ave (Thatcher) - sidewalk from 8th St north to Church St	Thatcher	Sidewalk		\$160,000
45	1st Ave (Thatcher)/Union Canal Bridge Widening	Thatcher	Bridge Widening	Yes	\$100,000
<b>Total Project Cost</b>					<b>\$54,367,486</b>

Figure 7-1: Short-Term Projects 2008-2013

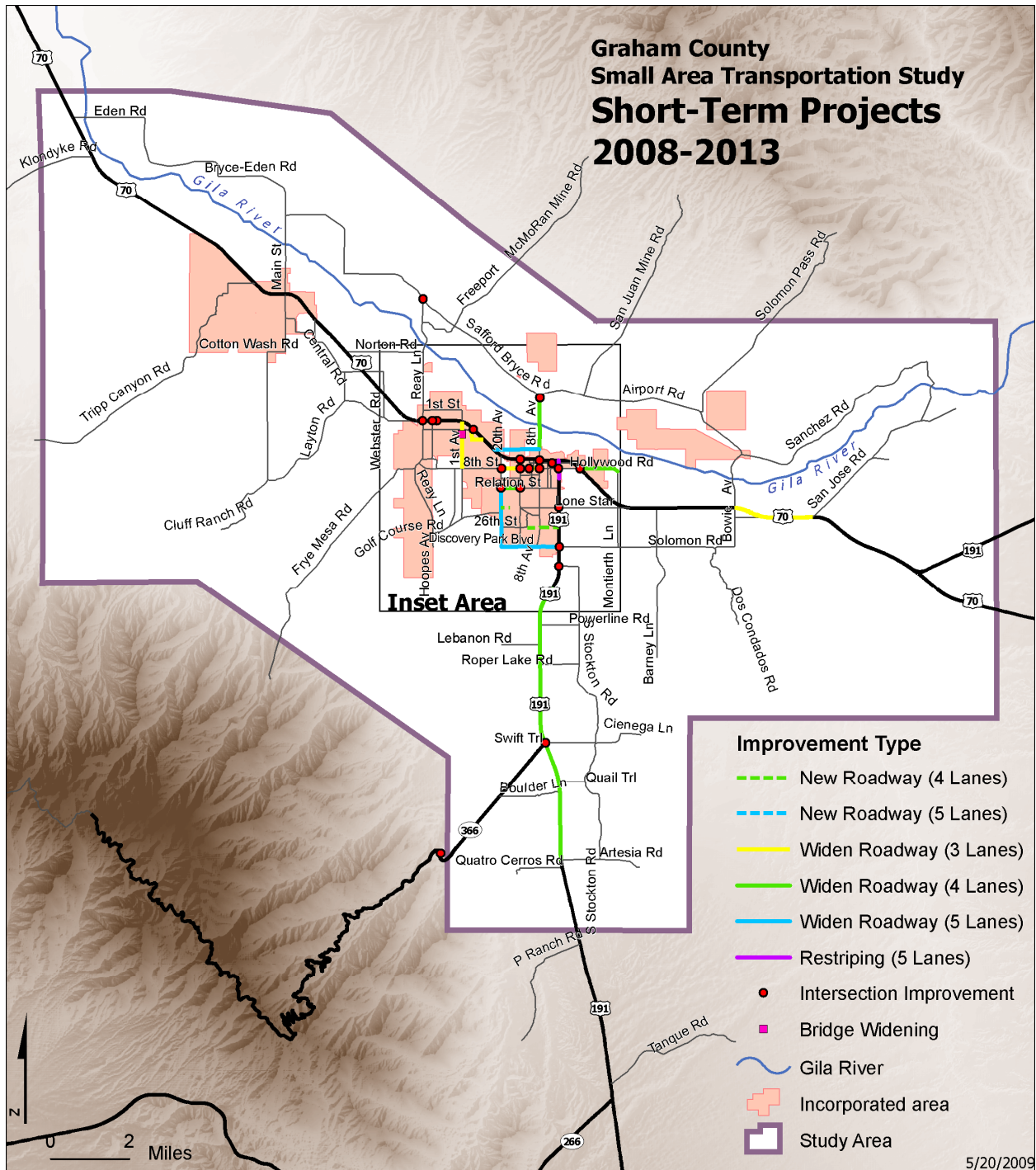


Figure 7-2: Short-Term Projects 2008-2013 (Inset)

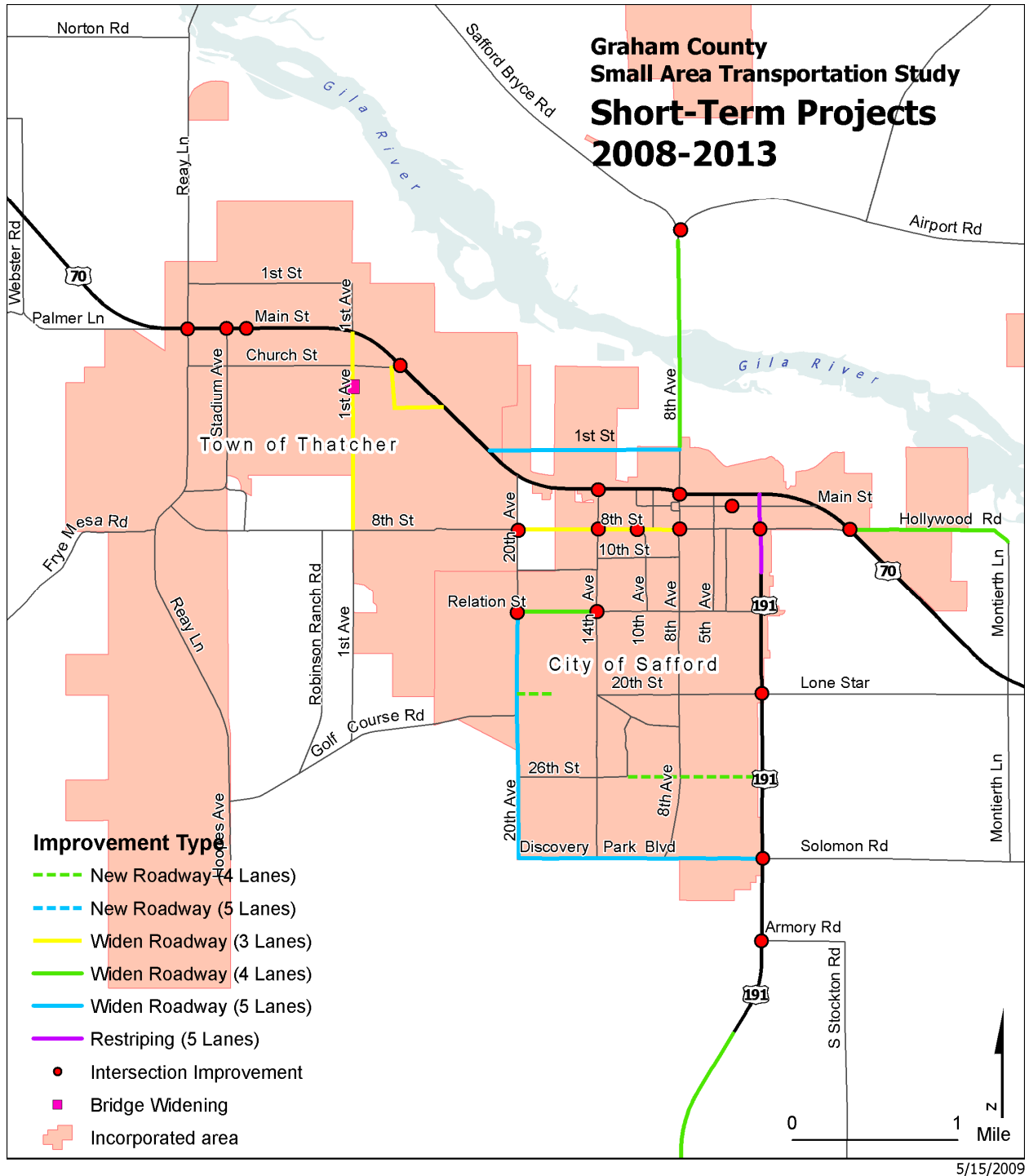


Figure 7-3: Short-Term Non-Motorized Projects 2008-2013

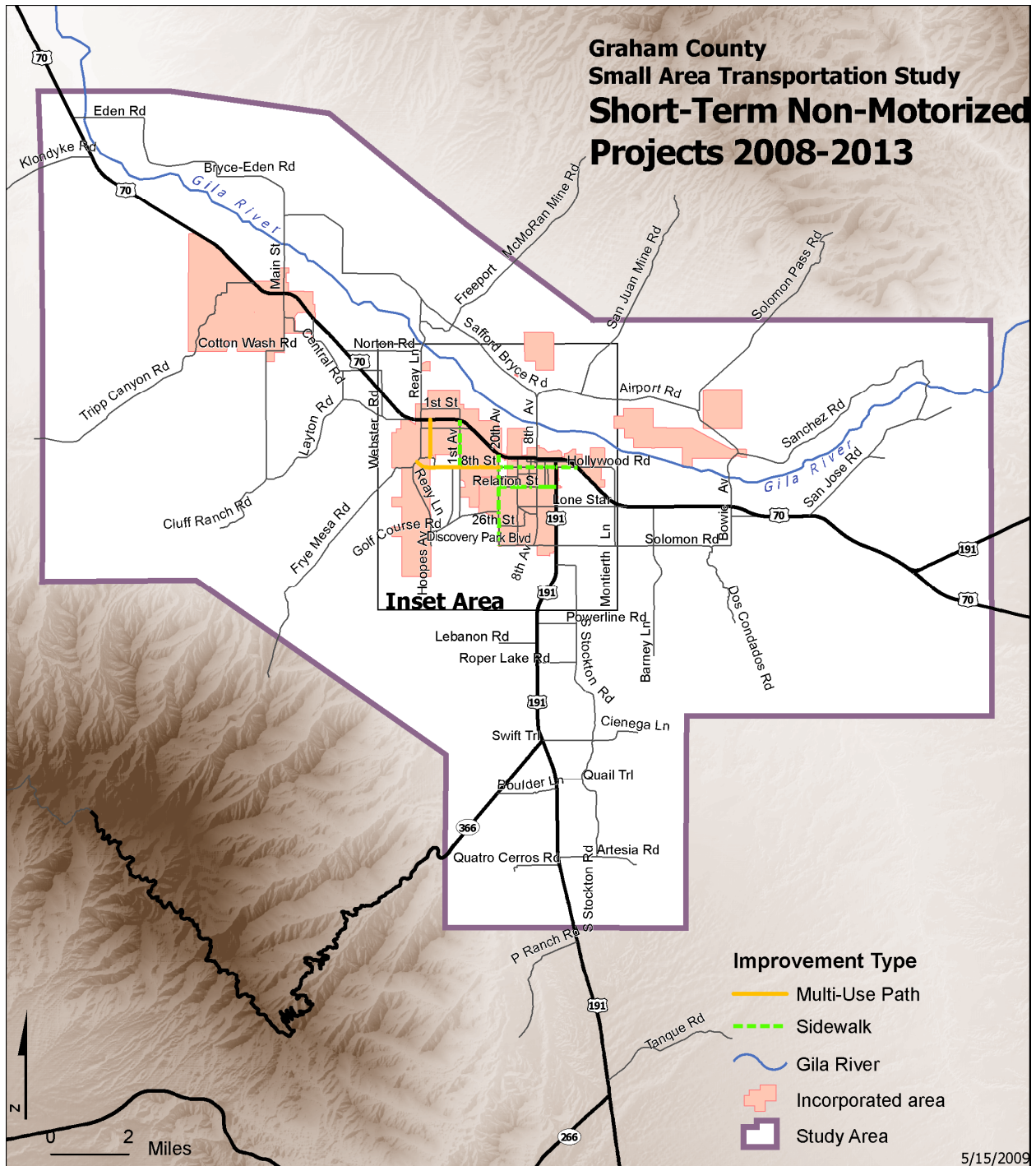




Figure 7-4: Short-Term Non-Motorized Projects 2008-2013 (Inset)

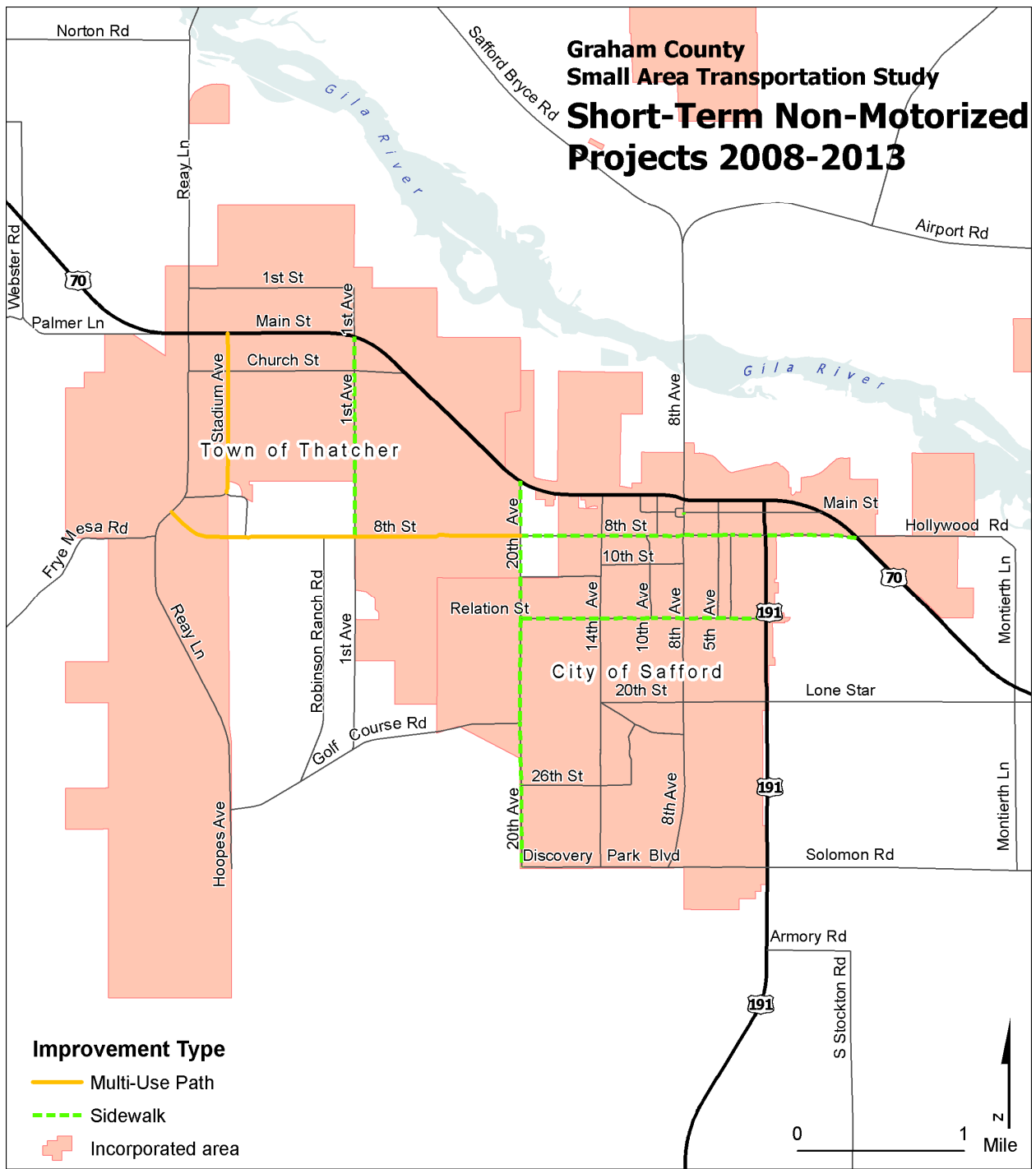


Figure 7-5: Traffic Volumes and Level of Service 2013 with Short-Term Improvements

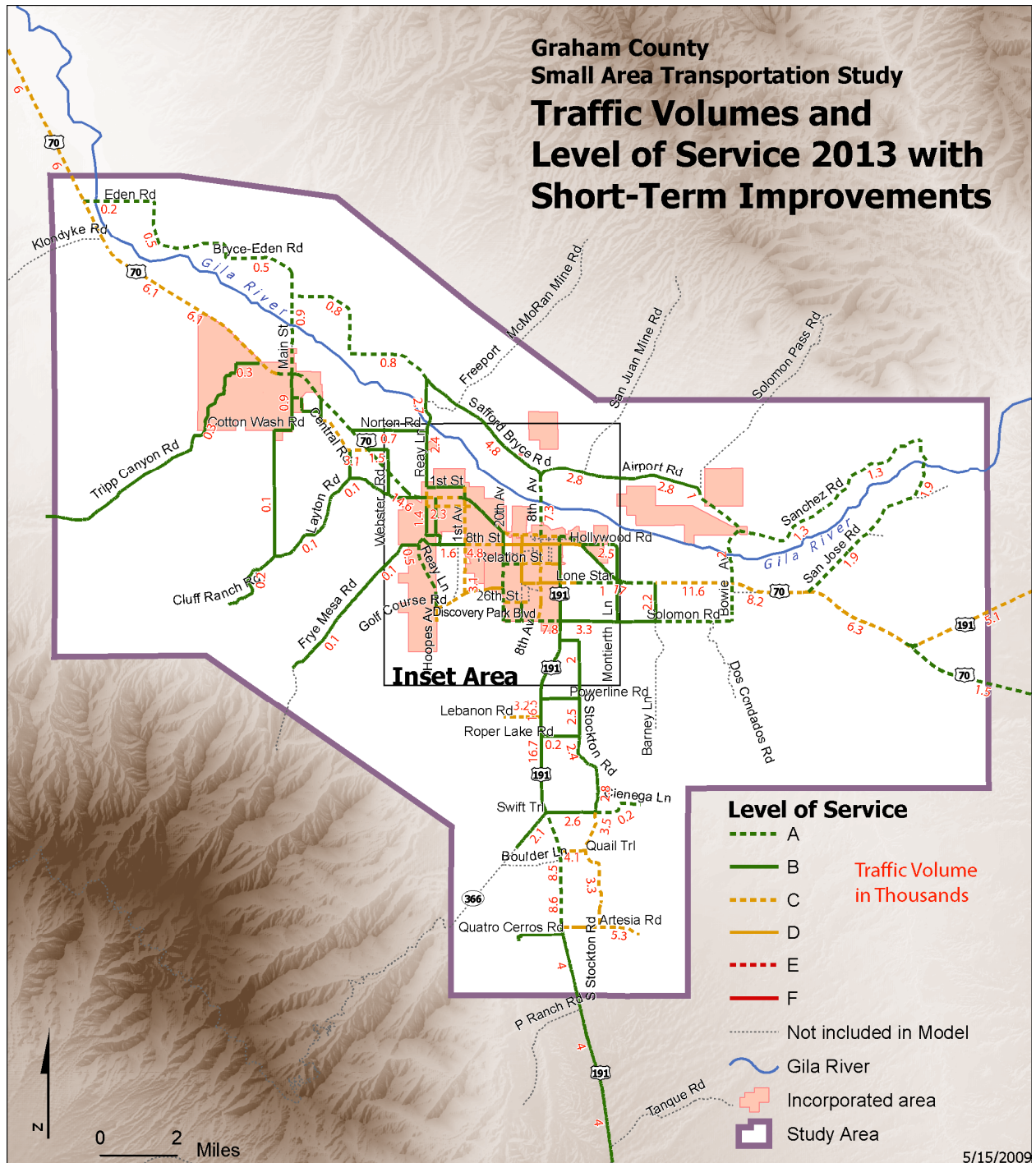
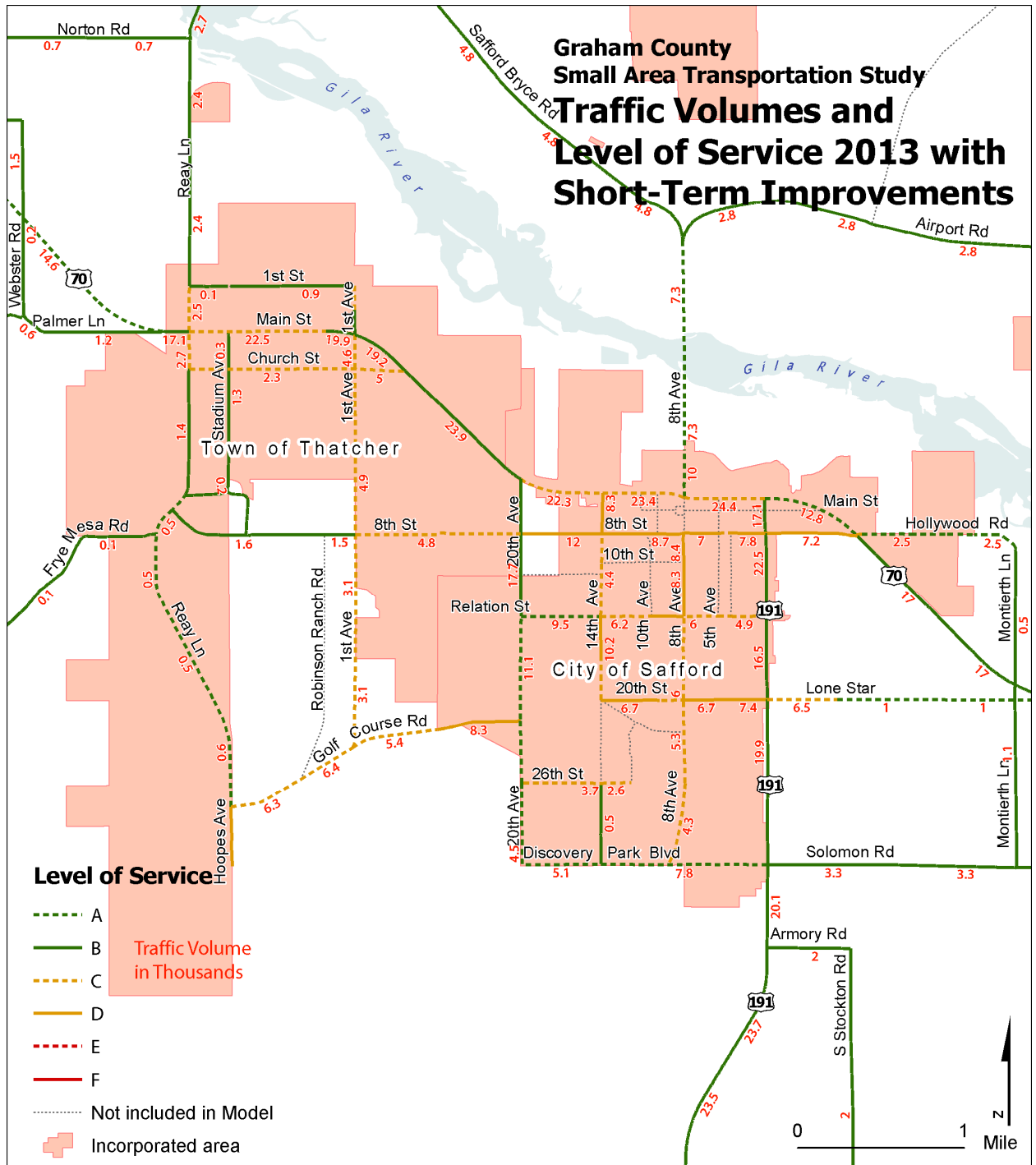


Figure 7-6: Traffic Volumes and Level of Service 2013 with Short-Term Improvements (Inset)



## 7.2. MID- AND LONG-RANGE DEFICIENCIES

Projects to be included in the 2013-2018 five-year program (mid-range) and 2018-2023 (long-range) five-year program with type of project, costs, and financing options are shown in Table 7-2 and Table 7-3, and in Figure 7-7 through Figure 7-14.

Non-motorized projects such as sidewalk and multi-use path projects were assumed to be completed along with associated roadway widening.

Figure 7-15 through Figure 7-18 present the Impact on the street system by year 2018 and 2023 with the short-term recommended roadway widening projects implemented.

For the year 2018, US191 would experience better LOS. Most segments between Artesia Rd and US 70 would experience LOS C or D. In downtown Safford, previously deficient segments in the no-build condition would experience all the acceptable LOS.

By year 2023, the 4-lane divided highway on US 191 cannot meet the projected ADT requirement; most of the segments start to show LOS E or F. In downtown Safford, the segments with the short-term improvements still expect acceptable LOS.

Table 7-2: Mid-Term Recommended Improvement Projects 2013-2018

Item Number	Project	Location	Type of Improvement	CIP Project	Cost
1	US 70 between Study limit and Bryce-Eden Rd - add a center turn lane	Safford	Graham County		\$13,480,222
2	Armory Rd between US 191 and Stockton Rd – widen to 3-lane section	Safford	Widening		\$614,367
3	Quail Trail between US 191 and Stockton Rd - add one lane in each direction	Safford	Widening		\$962,873
4	Artesia Rd from US 191 to East - add one lane in each direction	Safford	Widening		\$2,888,619
5	Stockton Rd between Armory Rd and Powerline Rd- add one lane in each direction	Safford	Widening		\$2,805,934
6	14th Ave – widen to 4 lanes from 20th Street to Highline Canal	Safford	Widening	Yes	By developer
7	14th Ave – widen to 4 lanes from Highline Canal to 24th St	Safford	Widening	Yes	\$618,252
8	14th Ave – widen to 4 lanes from 26th St to 30th St	Safford	Widening	Yes	\$701,085
9	14th Ave – widen to 4 lanes from 30th St to Discovery Park Blvd	Safford	Widening	Yes	\$402,870
10	26th St – widen to 4 lanes from 12th Ave to 20th Ave	Safford	Widening	Yes	\$1,313,009
11	8th Ave – widen to 4 lanes from 26th St to Discovery Park Blvd	Safford	Widening	Yes	\$722,345
12	8th Ave – widen to 4 lanes from 8th St to Relation St	Safford	Widening	Yes	\$416,764
13	8th St – widen to 4 lanes from US 191 to 8th Ave	Safford	Widening	Yes	\$305,591
14	Golf Course Rd – widen to 4 lanes from 800 feet west Of 20th Ave to East CL	Safford	Widening	Yes	\$503,453
15	Reay Ln – widen to 3 lanes from US 70 to Church St	Thatcher	Widening	Yes	\$610,000
16	8th St – widen to 3 lanes from 20th Ave to 1st Ave	Thatcher	Widening	Yes	\$2,100,000
17	East Church St extension	Thatcher	New Roadway	Yes	\$1,700,000
18	Relation St and 8th St connection	Thatcher	New Roadway	Yes	\$1,150,000
19	Reay Ln Railroad Crossing Improvements – US 70 to Church St	Thatcher	New structure	Yes	Included in Reay
20	Golf Course Rd - Multi-Use Path from Safford City limits to Reay Ln	Graham County	Multi-Use Path		\$600,000
21	8th Ave - sidewalk from 1st St to 26th St	Safford	Sidewalk		\$320,000
22	14th Ave - sidewalk from US 70 to Discovery Parkway	Safford	Sidewalk		\$320,000
23	Traffic signal at US 191 and Artesia Rd	Graham County	Intersection		\$450,000
<b>Total Project Cost</b>					<b>\$32,985,384</b>

Table 7-3: Long-Term Recommended Improvement Projects 2018-2023

Item Number	Project	Location	Type of Improvement	CIP Project	Cost
1	US70 between Bowie Ave and San Jose Rd - widen to four lane divided highway	Graham County	Widening		\$1,301,180
2	US70 between San Jose Rd and US70/US191 Split -widen to four lane divided highway	Graham County	Widening		\$4,516,019
3	14th Ave between Relation St and 20th St - add one lane in each direction	Safford	Widening		\$1,059,658
4	Lebanon Rd between 20th Ave and US191 - add one lane in each direction	Safford	Widening		\$1,621,929
5	Stockton Rd between Quail Trail and Artesia Rd- add one lane in each direction	Safford	Widening		\$3,741,246
6	20th St – widen to 4 lanes from US191 to 14th Ave	Safford	Widening	Yes	\$864,522
7	US 191 – restripe to 5 lanes from Lebanon Rd to Artesia Rd	Graham County	Restriping		\$4,268,804
8	Safford-Bryce Rd – widen to 3 lanes from Reay Ln to 8th Ave	Graham County	Widening		\$8,806,237
9	Lone Star Rd – widen to 3 lanes from US 191 to US 70	Graham County	Widening		\$2,852,259
10	Solomon Rd – widen to 3 lanes from US 191 to Bowie Ave	Graham County	Widening		\$7,546,734
11	14th Ave - widen to 4 lanes from 8th St to Relation St	Safford	Widening		\$800,000
12	US 191 between 20th St and Discovery Park Blvd-Find an Alternative Route	Safford	New Roadway		Alt. Route Study
13	US 191 between Discovery Park Blvd and Armory Rd - Find an Alternative Route	Safford	New Roadway		Alt. Route Study
14	20th Ave – extend south from Discovery Park Blvd to 45th St	Safford	New Roadway		\$3,672,158
15	US 191 extend north from US 70 to 8th Ave and perhaps to Church St	Safford	New Roadway		\$2,754,118
16	8th St – extend west to connect to Cluff Ranch Rd	Thatcher	New Roadway		\$5,713,431
17	Central Rd and US 70 – connect to Cluff Ranch Rd	Thatcher	New Roadway		\$3,570,895
18	New road in alignment with Norton Rd from US 70 to Reay Ln for truck traffic	Graham County	New Roadway		\$3,672,158
19	20th St - sidewalk from 14th Ave to US 191	Safford	Sidewalk		\$160,000
<b>Total Project List</b>					<b>\$56,921,384</b>

Figure 7-7: Mid-Term Projects 2013-2018

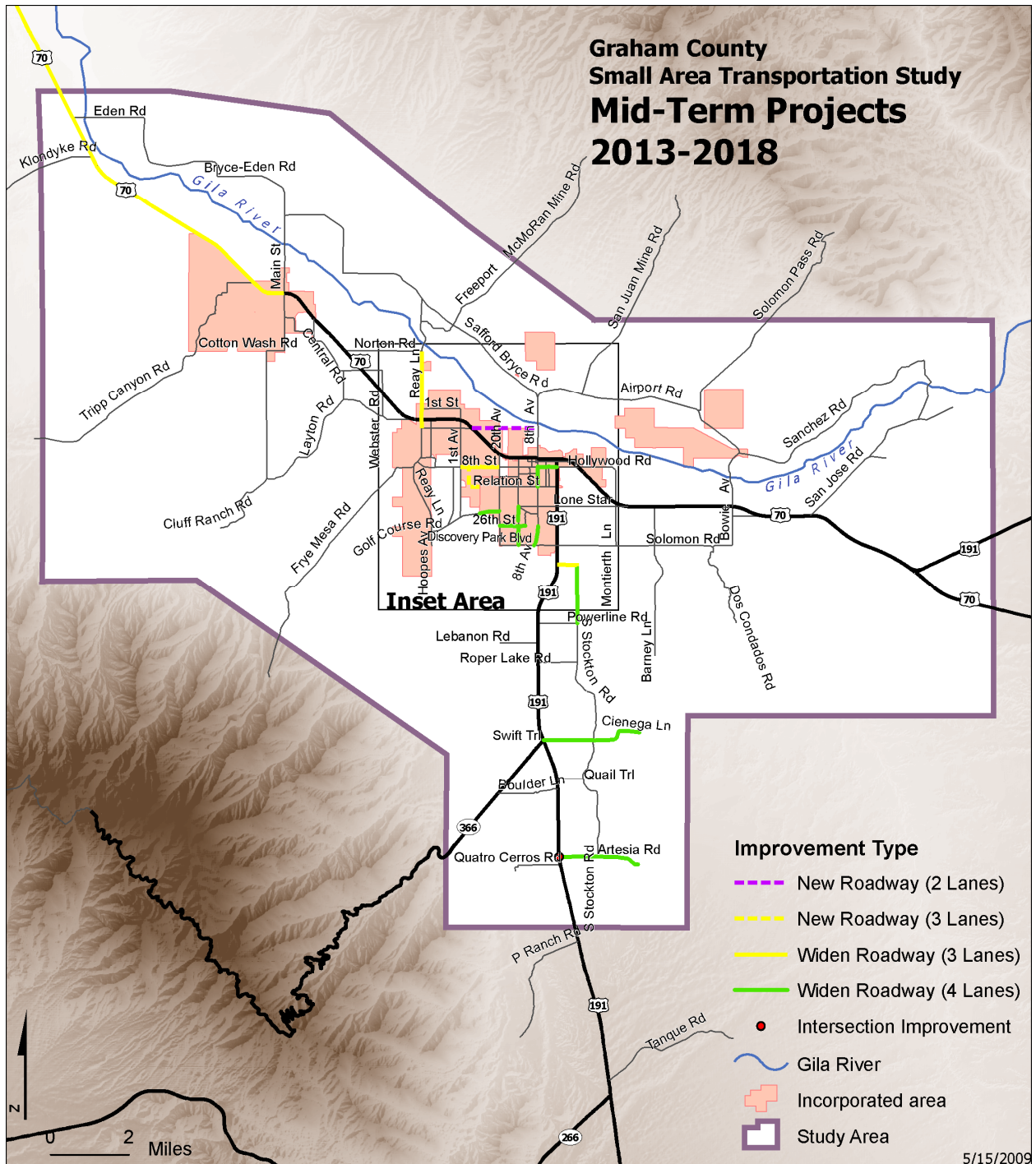


Figure 7-8: Mid-Term Projects 2013-2018 (Inset)

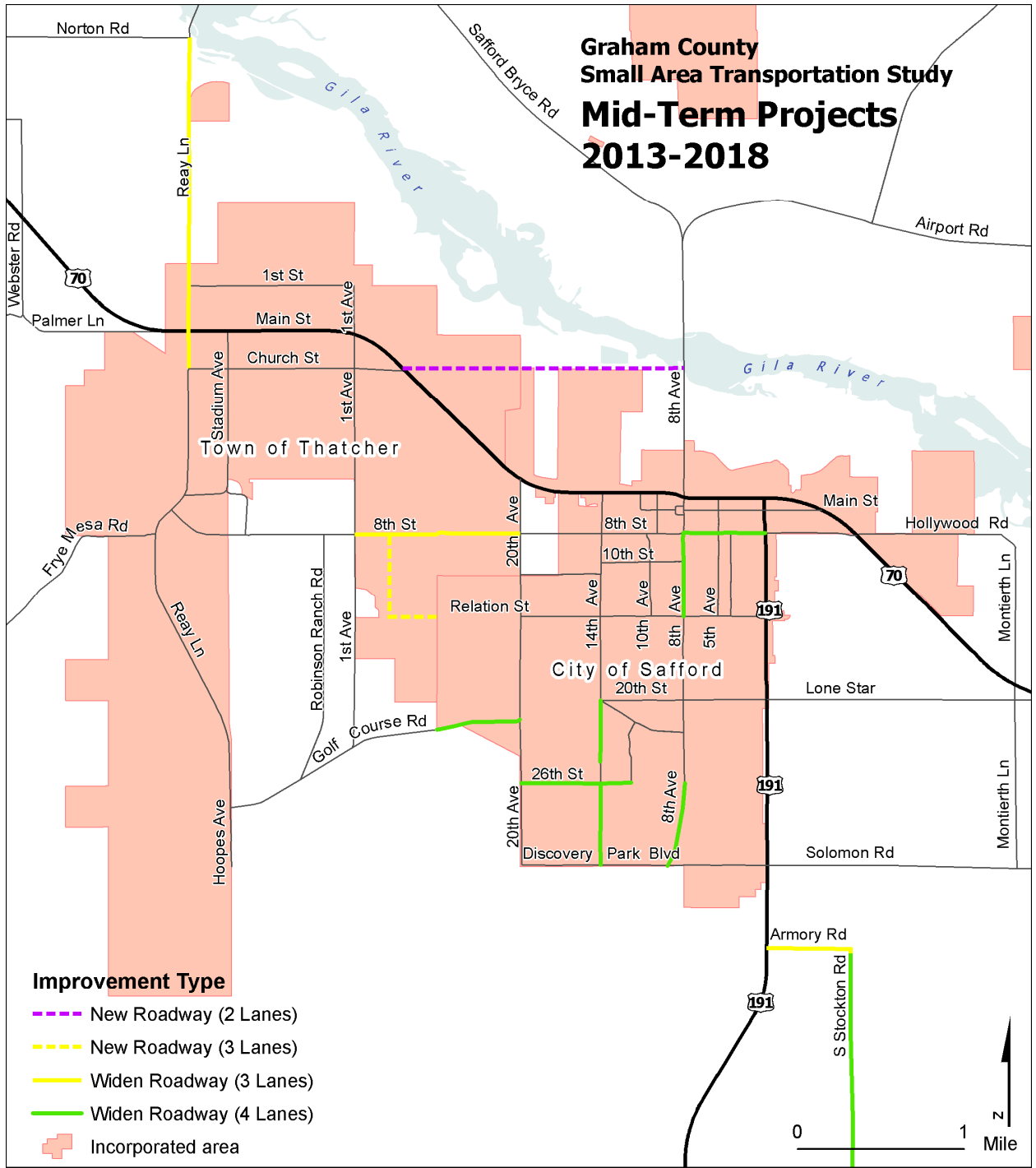




Figure 7-9: Mid-Term Non-Motorized Projects 2013-2018

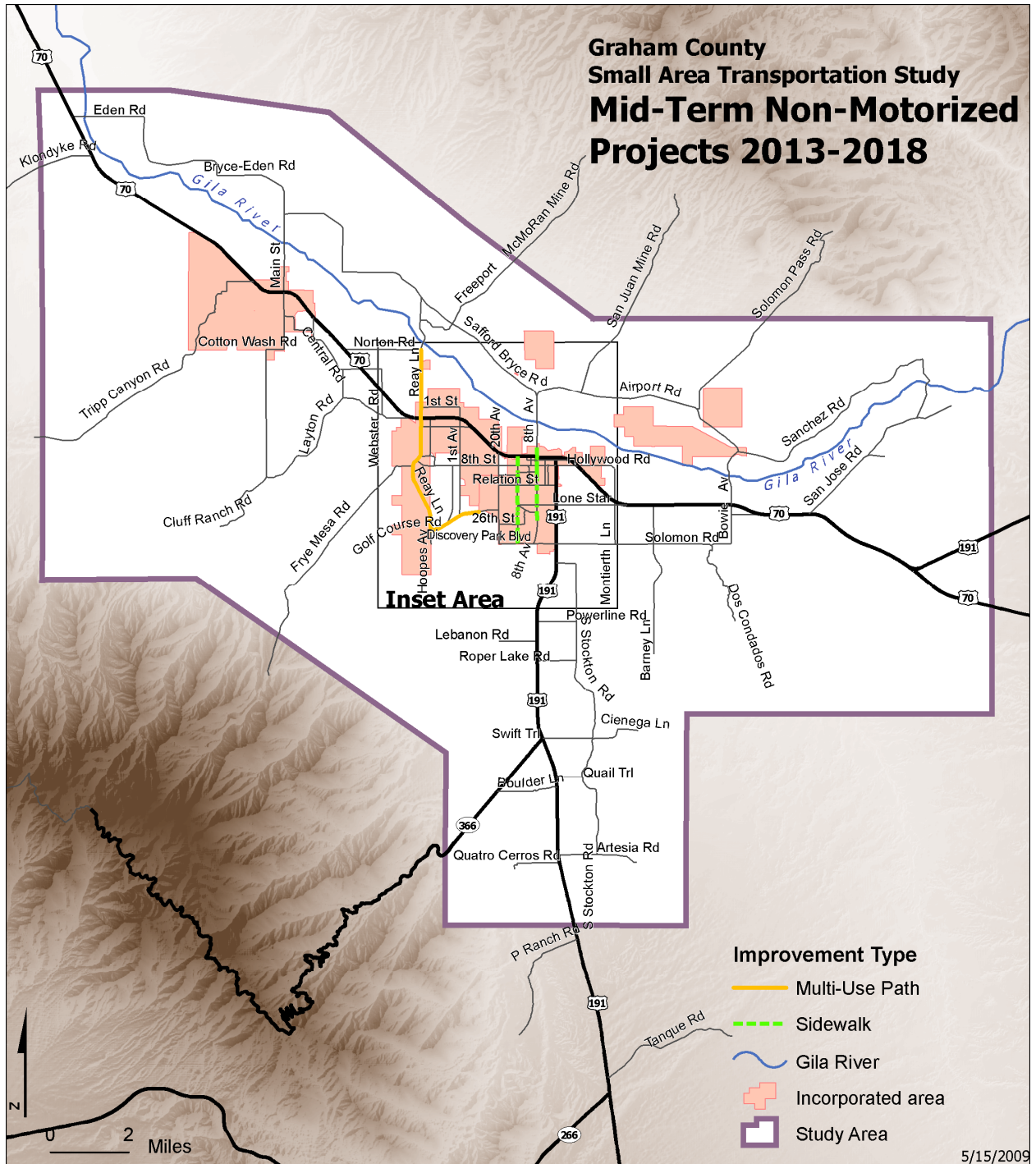


Figure 7-10: Mid-Term Non-Motorized Projects 2013-2018 (Inset)

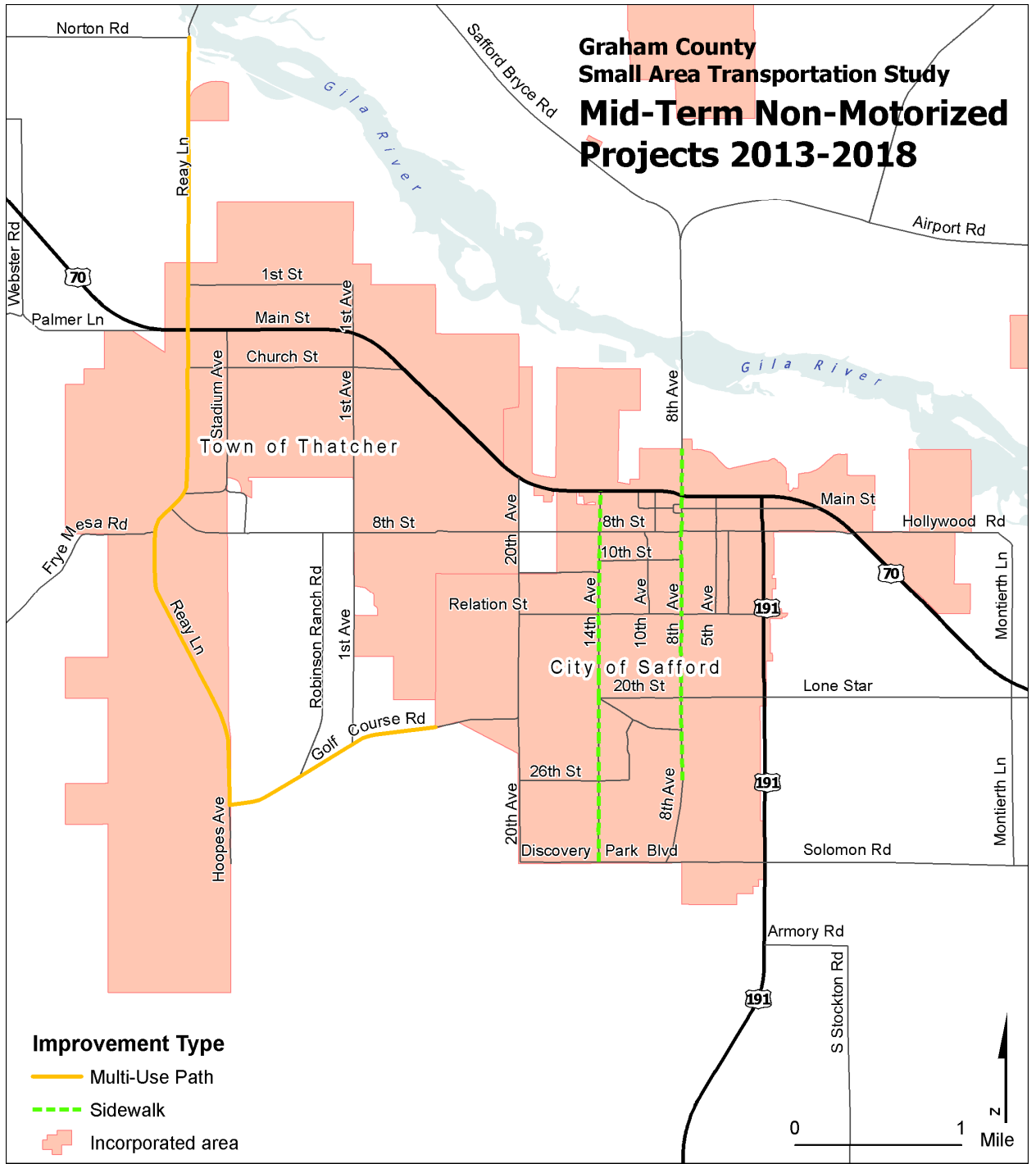


Figure 7-11: Long-Term Projects 2018-2023

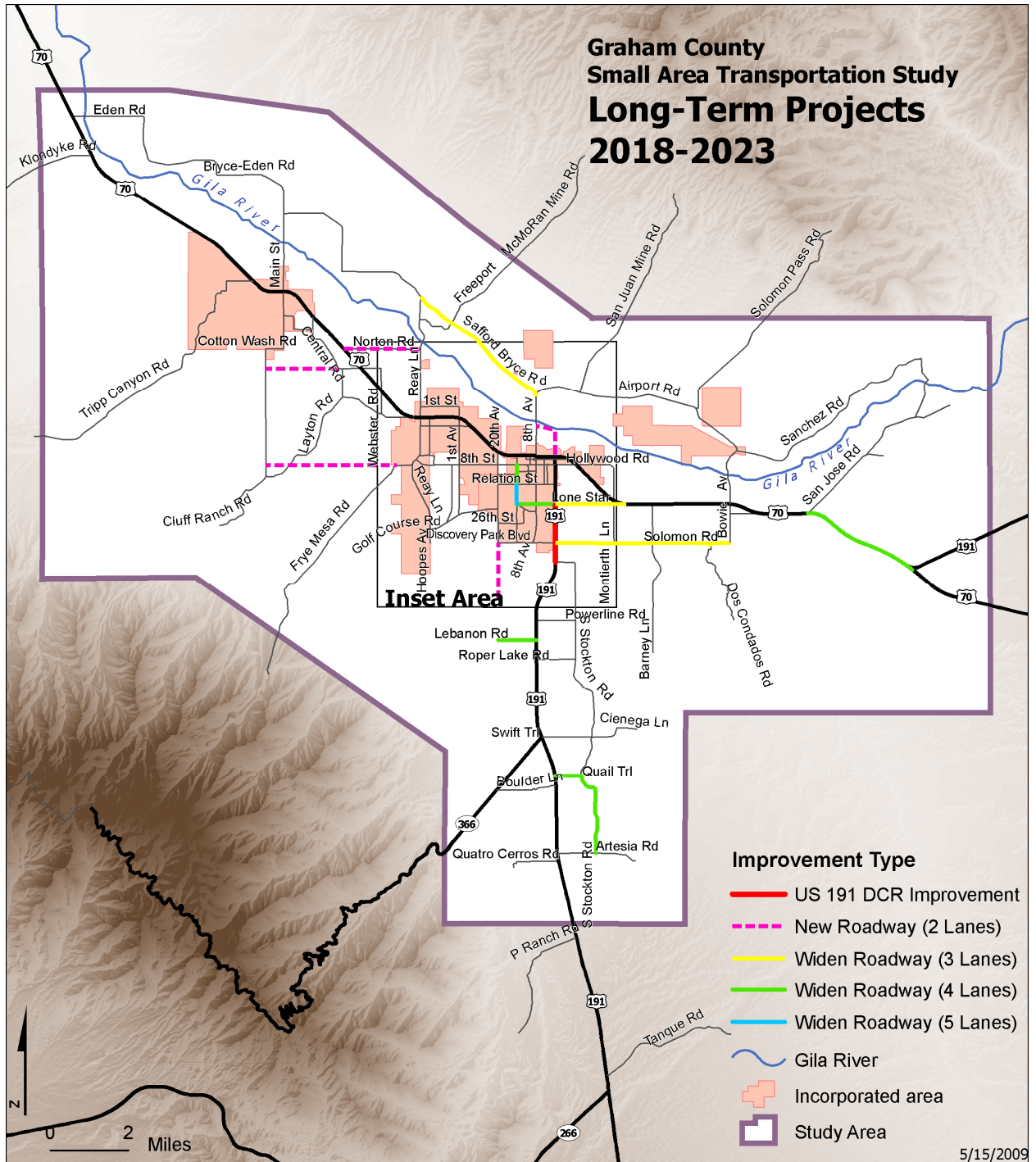
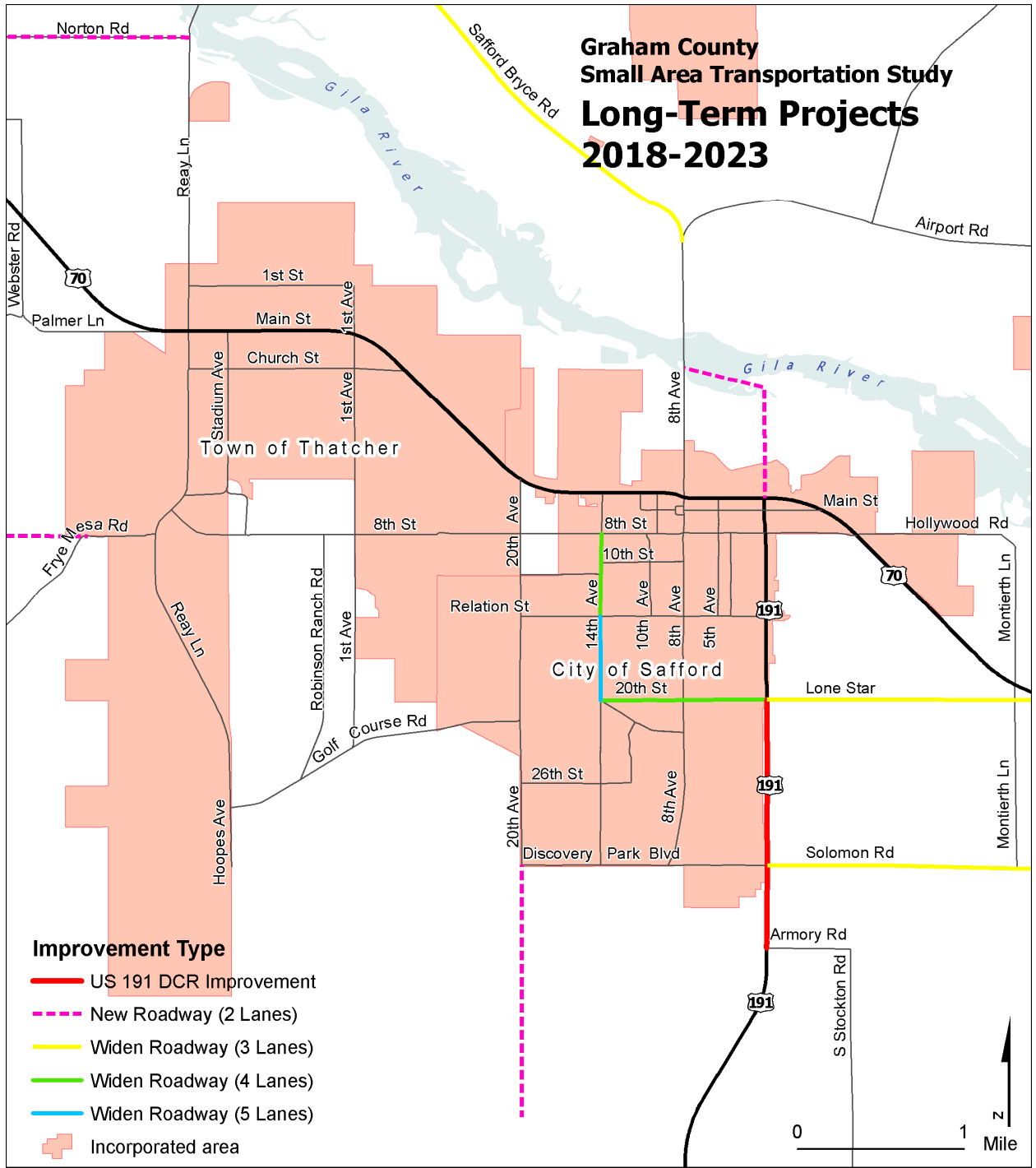


Figure 7-12: Long-Term Projects 2018-2023 (Inset)



5/15/2009

Figure 7-13: Long-Term Non-Motorized Projects 2018-2023

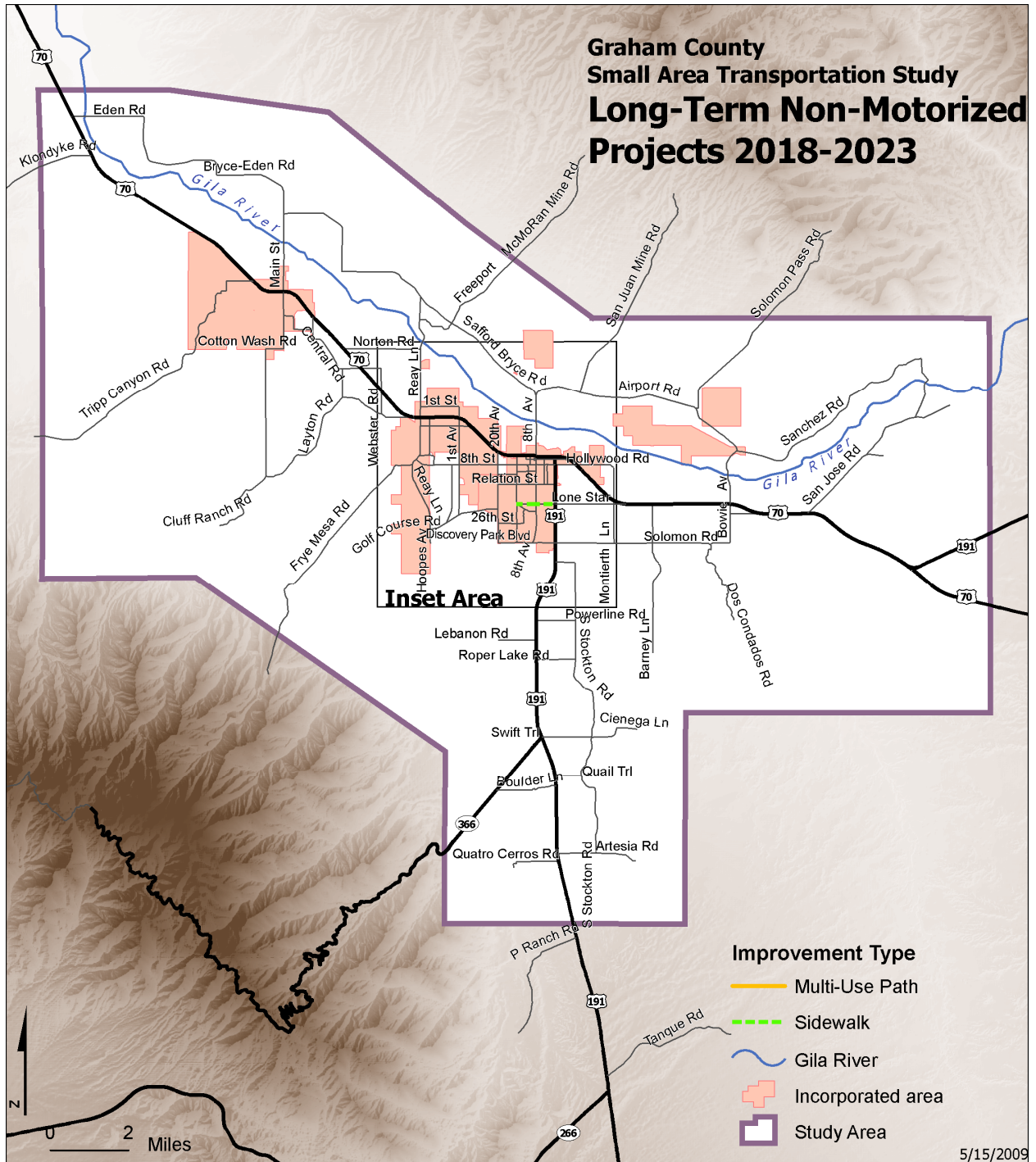


Figure 7-14: Long-Term Non-Motorized Projects 2018-2023 (Inset)

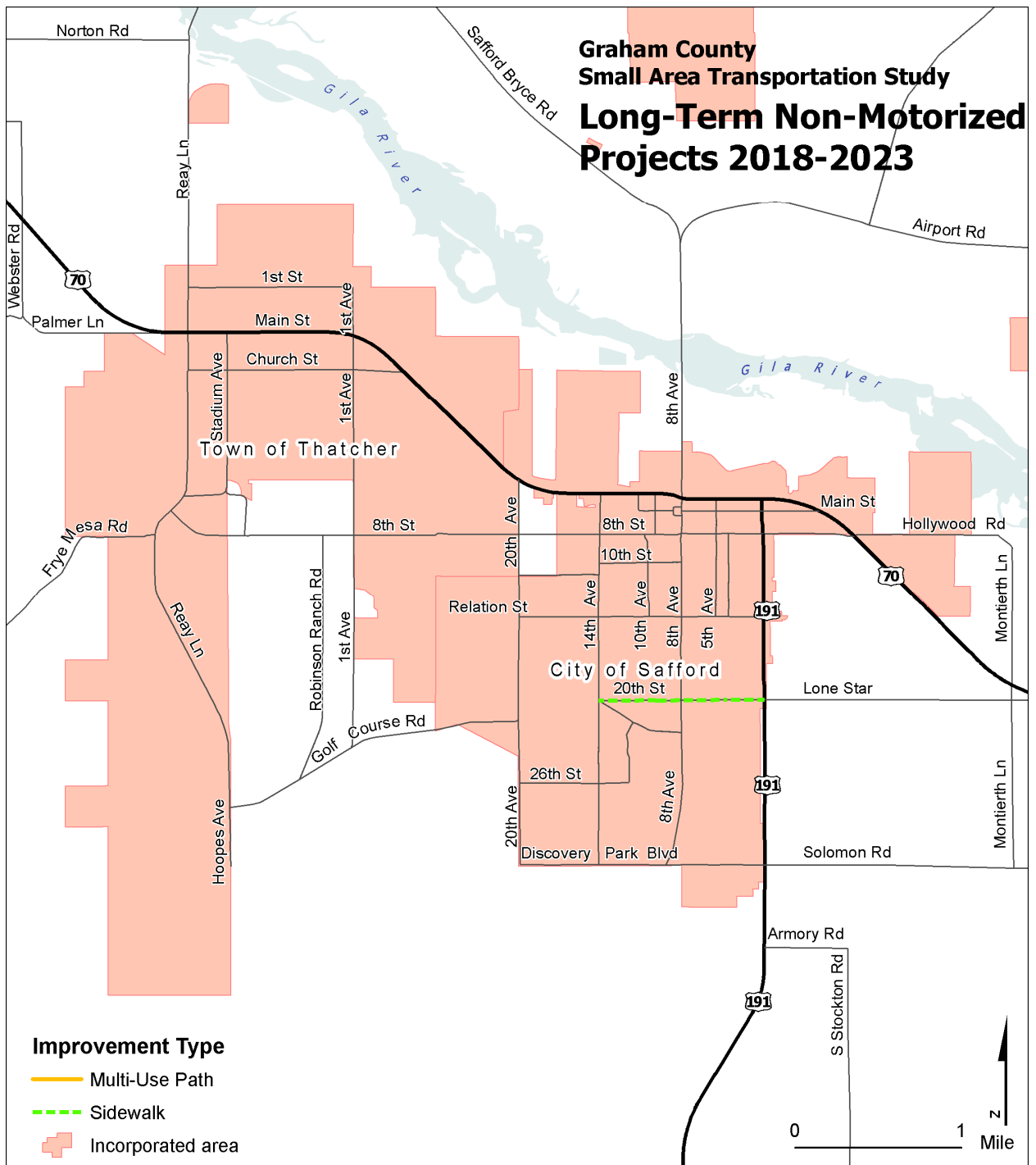


Figure 7-15: Traffic Volumes and Level of Service 2018 with Short-Term Improvements

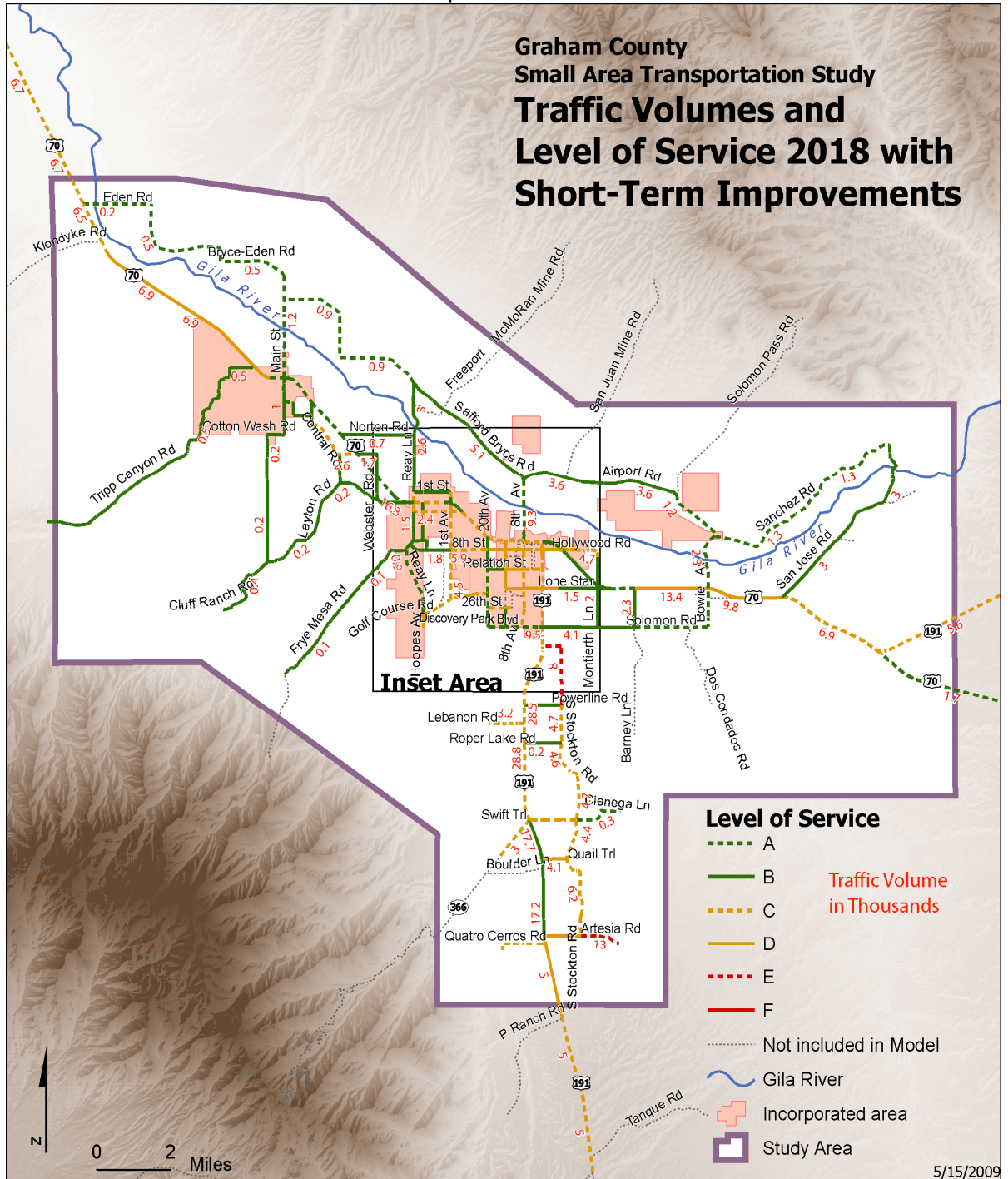
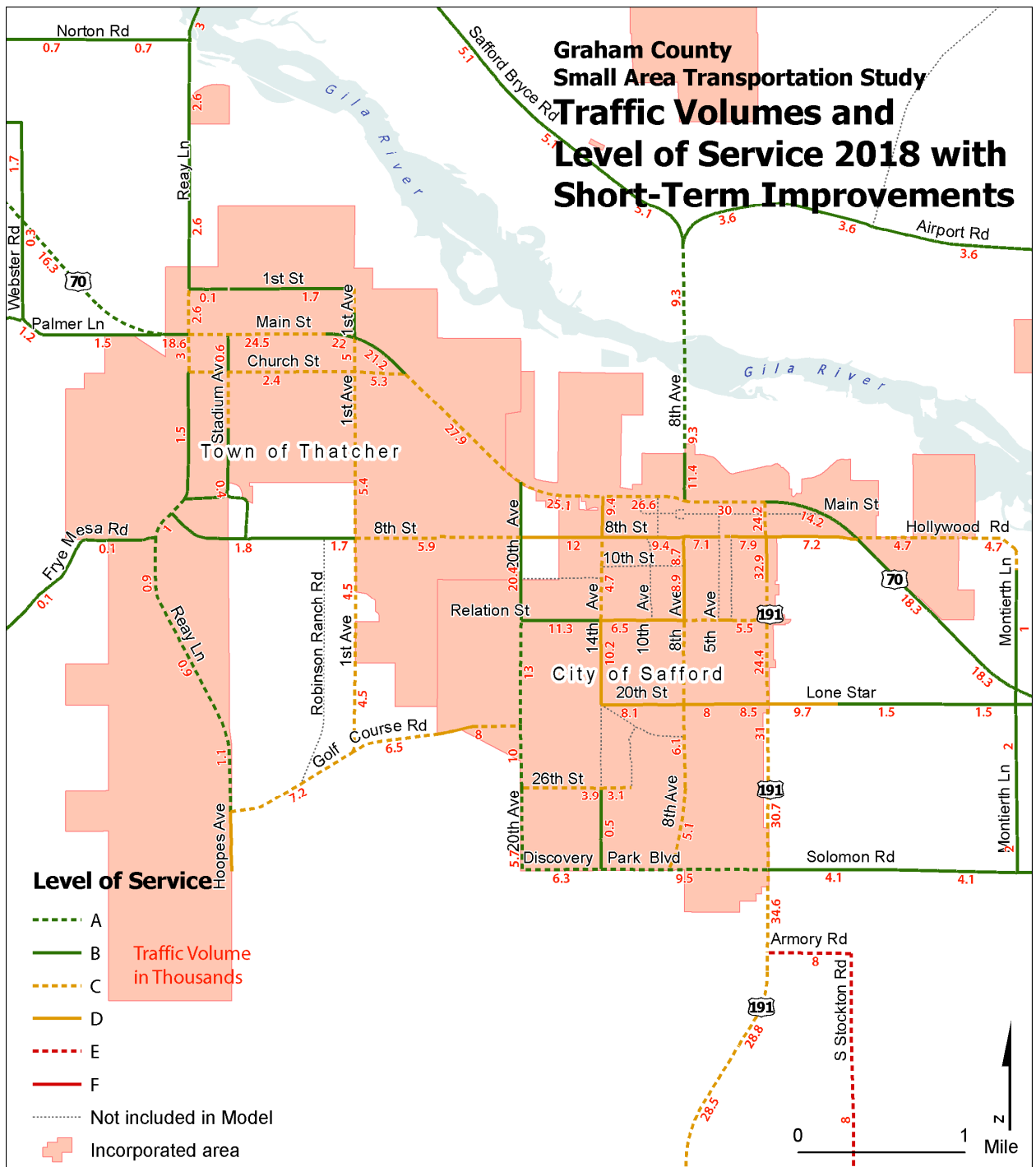


Figure 7-16: Traffic Volumes and Level of Service 2018 with Short-Term Improvements (Inset)



5/15/2009



Figure 7-17: Traffic Volumes and Level of Service 2023 with Short-Term Improvements

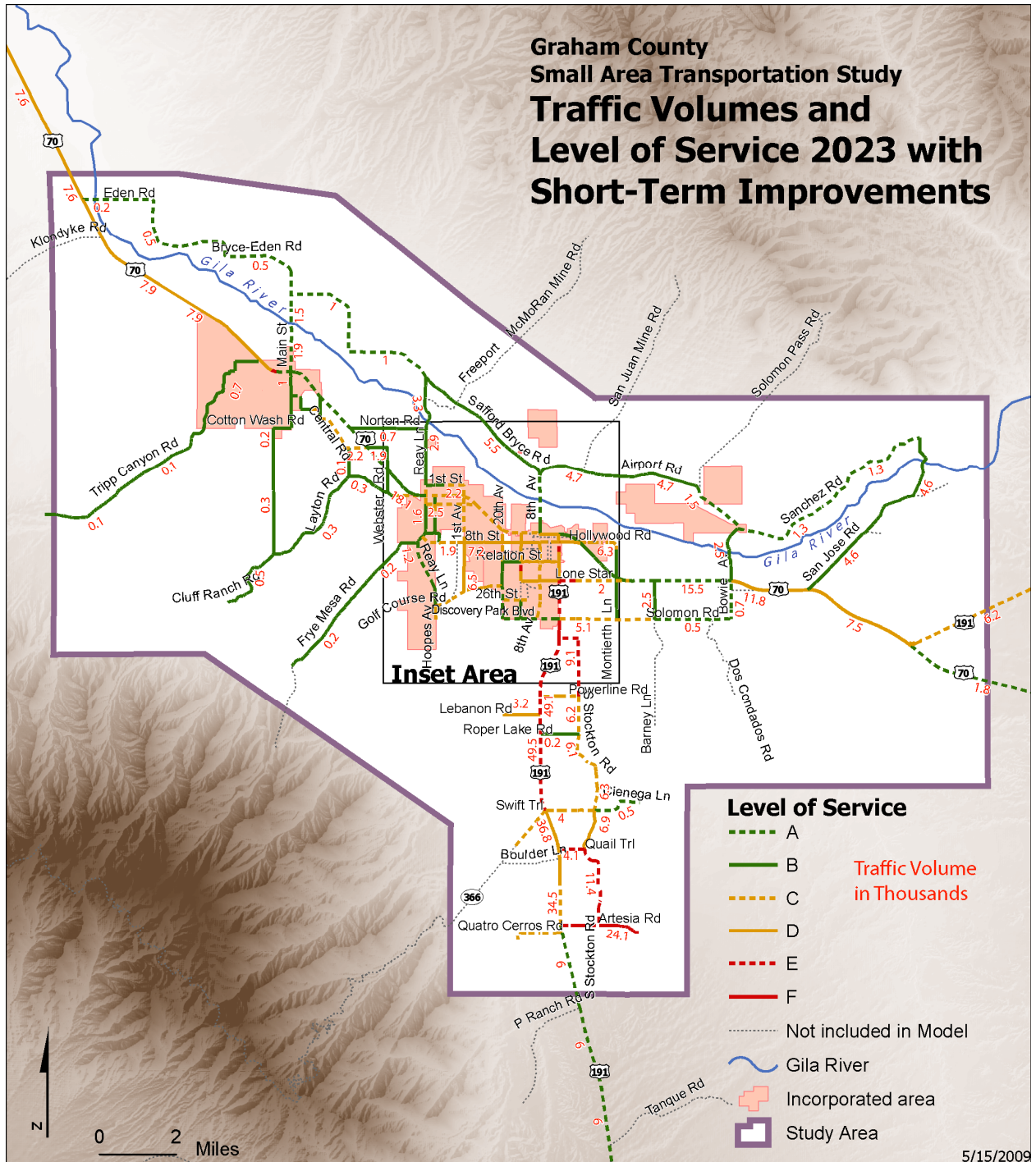
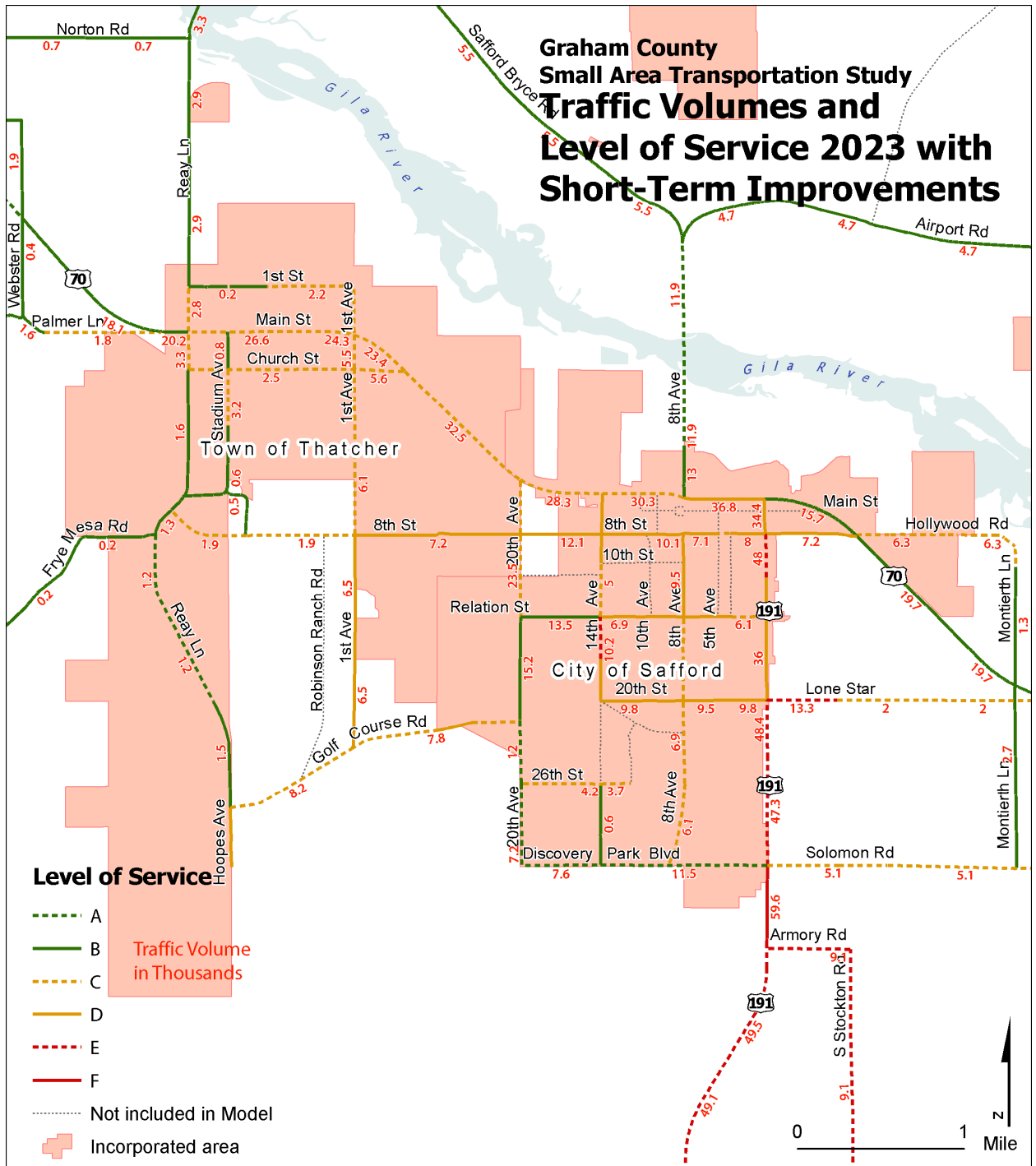


Figure 7-18: Traffic Volumes and Level of Service 2023 with Short-Term Improvements (Inset)



## APPENDIX A: Detailed Employment

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COMPANY NAME	STREET ADDRESS	CITY	STATE	ZIP CODE	INFOUSA ID	# EMPLOYEES	PRIMARY DESCRIPTION	SIC
4-J Drilling & Pump Co	7274 W Safford Bryce Rd	Pima	AZ	85543-0036	557768355	1	Gas Well Servicing	
428 Crime	523 S 10th Ave	Safford	AZ	85546-3120	557767696	3	Nonclassified Establishments	
A & K Painting	1531 N Stadium Ave	Thatcher	AZ	85552-1432	301521142	4	Painters	
A & W All-American Food	3775 W Main St	Thatcher	AZ	85552-5670	638121657	12	Restaurants	
A Step Back In Time	418 W Main St	Safford	AZ	85546-2725	236417465	3	Restaurants	
A T & T Wireless	1701 W Thatcher Blvd	Safford	AZ	85546-3312	372045872	6	Cellular Telephones (Services)	
A-1 Autos	325 E US Highway 70	Safford	AZ	85546-2043	998928907	2	Automobile Dealers-Used Cars	
A-1internet.Com	1920 Hwy 70	Safford	AZ	85548-0373	622202703	2	Internet Service	
AAA Carpet Svc	2213 S Shannon Rd	Safford	AZ	85546-9346	447078775	3	Carpet & Rug Cleaners	
AAA Secure Storage	3231 W 8th St	Thatcher	AZ	85552-5423	622202695	3	Storage-Household & Commercial	
Aarons Sales & Lease Ownership	2129 W US Highway 70	Thatcher	AZ	85552-5446	261646178	6	Furniture-Renting & Leasing	
Abacus Embroidery Inc	203 E Main St	Safford	AZ	85546-2051	211626247	9	Embroidery	
Action Screenprinting	645 W Roadrunner St	Safford	AZ	85546-8035	251492963	2	Embroidery	
Action Signs	8529 S Cheyenne Dr	Safford	AZ	85546-9287	978757854	1	Signs (Manufacturers)	

Adrenaline Motorsports	2281 W US Highway 70	Thatcher	AZ	85552-5448	661056085	3	Amusement & Recreation Nec
Adult Protective Svc	1938 W Thatcher Blvd	Safford	AZ	85546-3318	447078783	5	Government-Individual/Family Social Svcs
Advanced Vehicle Co	3013 E Solomon Rd	Safford	AZ	85546-9541	638120972	3	Nonclassified Establishments
Aerozona Jetcrafters	4200 E Aviation Way	Safford	AZ	85546-9497	638121723	15	Aircraft Refinishing & Painting
Air Methods Corp	2076 W Relation St	Safford	AZ	85546-4017	394163208	17	Ambulance Service
All About Pets Animal Hospital	114 W 5th St	Safford	AZ	85546-2322	269214235	5	Veterinarians
All Saints Episcopal Church	210 W Main St	Safford	AZ	85546-2349	846680924	1	Churches
Allen Pump Co	4206 W US Highway 70	Thatcher	AZ	85552-1946	168622983	7	Pumps (Wholesale)
Allied Cash Advance	2085 W US Highway 70	Thatcher	AZ	85552-5445	232016360	2	Check Cashing Service
Allred's Insurance	201 W 5th St	Safford	AZ	85548-1055	168618197	2	Insurance
Billie J Allred CPA	232 E 300 S	Pima	AZ	85543-1141	584252084	2	Accountants
Allstate Insurance Co	102 E US Highway 70	Safford	AZ	85546-2041	168618205	4	Insurance
Allstate Insurance Co	1210 W Thatcher Blvd	Safford	AZ	85546-3303	846684397	1	Insurance
Alltel	2081 W US Highway 70	Thatcher	AZ	85552-5445	233935766	3	Cellular Telephones (Services)
Altech Refrigeration Corp	216 W 7th St	Safford	AZ	85546-2352	236417564	10	Refrigerating Equip-Coml (Wholesale)

Alumni Library	615 N Stadium Ave	Thatcher	AZ	85552-5545	902094473	7	Libraries-Institutional
Amber Apartments	1201 S 10th Ave	Safford	AZ	85546-3450	168618213	1	Apartments
American Dyna-Mite Exterminating	247 W Roadrunner St	Safford	AZ	85546-9205	413747973	2	Pest Control
American Family Insurance	616 W Main St	Safford	AZ	85546-2824	584252357	1	Insurance
American Indian Exchange	10900 W Bryce Eden Rd	Pima	AZ	85543-9510	263251480	3	Nonclassified Establishments
American Legion	531 S 11th Ave	Safford	AZ	85546-3157	420468712	5	Veterans' & Military Organizations
American Legion	3 Ave & Clifton Ave	Solomon	AZ	85551-0168	846685139	2	Non-Profit Organizations
Amethyst Realty	572 E Camino DE Casa Blanca	Safford	AZ	85546-7917	537696148	1	Real Estate
Amp'd Electrical LLC	3096 W Main St	Thatcher	AZ	85552-5607	622202166	6	Electric Contractors
Andrea Stanly Photography LLC	512 W Main St	Safford	AZ	85546-2727	259293678	2	Photographers-Portrait
Appraisal Department	940 W Mohawk Dr	Safford	AZ	85546-9106	960038974	1	Real Estate Appraisers
Apria Healthcare	1912 W Thatcher Blvd	Safford	AZ	85546-3318	978757516	3	Physicians & Surgeons Equip & Supls-Whol
Arizona Army National Guard	3625 S US Highway 191	Safford	AZ	85546-2249	568709141	8	Federal Government-National Security
Arizona Art & Frame	513 W Main St	Safford	AZ	85546-2726	168621597	2	Picture Frames-Dealers
Arizona Desert Mesquite LLC	8825 W Tripp Canyon Rd	Pima	AZ	85543-9772	629244385	7	Floor Materials

Arizona Eastern Railway Co	2102 E Lone Star Rd	Safford	AZ	85546-9318	638122382	8	Railroads
Arizona Ice King Inc	1825 W Thatcher Blvd	Safford	AZ	85546-3314	168620318	22	Ice
Arizona State Savings & Cu	280 W Main St	Safford	AZ	85546-2349	846684876	15	Credit Unions
Arizona's Children Assoc	203 W 5th St	Safford	AZ	85546-2324	584254023	4	Social Service & Welfare Organizations
Art's Barber Shop	723 W 15th St	Safford	AZ	85546-3003	846681583	3	Barbers
Audio-Visions	2660 W US Highway 70	Thatcher	AZ	85552-5461	712523521	10	Cellular Telephones (Services)
Audiology	620 S Central Ave	Safford	AZ	85546-2692	622202380	4	Audiologists
Auto Spa Car Wash & Lube	2185 W US Highway 70	Thatcher	AZ	85552-5446	584252373	30	Glass-Auto Plate & Window & Etc
AutoZone	1523 W Thatcher Blvd	Safford	AZ	85546-3308	992650887	6	Automobile Parts & Supplies-Retail-New
Az Dept Of Economic Security	1938 W Thatcher Blvd	Safford	AZ	85546-3318	484628375	50	State Government-Social/Human Resources
B & D Air Conditioning	723 S 8th Ave	Safford	AZ	85546-2831	846681880	13	Air Conditioning Contractors & Systems
B & G Printing	415 W Main St	Safford	AZ	85546-2724	846682565	2	Commercial Printing Nec (Mfrs)
B & M Guns	1022 S 1st Ave	Safford	AZ	85546-2139	700864705	2	Guns & Gunsmiths
Bank Of America	301 W Main St	Safford	AZ	85546-2563	484628862	8	Banks
Bank Of America	755 S 20th Ave	Safford	AZ	85546-3322	393899513	11	Banks

Bar S Framing	PO Box 741	Safford	AZ	85548-0741	658259825	3	Building Contractors
Bark Avenue	2671 W Allred Ln	Thatcher	AZ	85552-5428	957758535	1	Pet Washing & Grooming
Barnet Dulaney Perkins Eye Ctr	825 S 20th Ave	Safford	AZ	85546-3317	957757552	15	Physicians & Surgeons
Barney's Auto	7998 S US Highway 191	Safford	AZ	85546-9525	622202356	1	Automobile Dealers-Used Cars
R J Barney	1600 S 20th Ave	Safford	AZ	85546-4011	622202406	2	Hearing Impaired Equipment & Supplies
Bashas'	2323 W US Highway 70	Thatcher	AZ	85552-5455	413747783	65	Grocers-Retail
Benefit Intelligence	102 E Main St	Safford	AZ	85548-1125	484629530	3	Health Services
Best Western	1391 W Thatcher Blvd	Safford	AZ	85546-3304	420486581	25	Hotels & Motels
Beverage House	1930 W Thatcher Blvd	Safford	AZ	85546-3318	846684330	6	Liquors-Retail
Big Boy's Toys	2598 W US Highway 70	Safford	AZ	85548-1035	846684934	4	Dune Buggies
Big O Tires	2185 W US Highway 70	Thatcher	AZ	85552-5446	661147900	8	Tire-Dealers-Retail
Blake Foundation	3851 S US Highway 191	Safford	AZ	85546-2253	649033842	3	Social Service & Welfare Organizations
Blake Foundation SAGE Emplmnt	527 W Main St	Safford	AZ	85546-2726	413748286	20	Social Service & Welfare Organizations
Blakes Financial Solutions	1970 W Thatcher Blvd	Safford	AZ	85546-3340	211626635	1	Financial Advisory Services
Blockbuster Video	2021 W US Highway 70	Thatcher	AZ	85552-5445	244136859	12	Video Tapes & Discs-Renting & Leasing



BMA Insurance	839 W Stirrup Dr	Safford	AZ	85546-3537	259294023	3	Insurance
Bookworms Lds Books & Supplies	2650 W US Highway 70	Thatcher	AZ	85552-5461	484629431	2	Book Dealers-Retail
Boots Truss	5175 S Barney Ln	Safford	AZ	85548-1136	484629142	23	Home Builders
Boren Chiropractic	212 E US Highway 70	Safford	AZ	85546-2042	403899479	1	Chiropractors Dc
Boulevard Glass	1153 W Thatcher Blvd	Safford	AZ	85546-3137	584253595	3	Glass-Auto Plate & Window & Etc
Boulevard Sales & Svc	1217 W Thatcher Blvd	Safford	AZ	85546-3302	658259742	15	Wheel Alignment-Frame & Axle Svc-Auto
Boy Scouts Of America	301 W Main St	Safford	AZ	85546-2563	168618569	1	Associations
Boys & Girls Club-Gila Valley	805 S 7th Ave	Safford	AZ	85546-2943	998929459	6	Government Offices-City, Village & Twp
Brabham Tax Prep & Acctg Svc	1297 W Ocotilla St	Safford	AZ	85546-9356	378902290	1	Tax Return Preparation & Filing
Brady Lee LLC	1970 W Thatcher Blvd	Safford	AZ	85546-3340	399207513	5	Accountants
Teara Braley	616 W Main St	Safford	AZ	85546-2824	658260310	1	Insurance
Branding Iron Steakhouse	2344 N Branding Iron Ln	Safford	AZ	85546-9223	211626270	6	Restaurants
Brick's Steaks Seafood & More	4367 S US Highway 191	Safford	AZ	85548-0707	306528266	16	Restaurants
Brooke Insurance & Financial	901 S 8th Ave	Safford	AZ	85546-2954	403899388	3	Insurance
Brooks Byron & Assoc LLC	608 S Central Ave	Safford	AZ	85546-2721	622202901	4	Real Estate

Brown's Fish Farm & Supply	9374 Cottonwood Wash Rd	Pima	AZ	85543-9737	301163374	2	Fishing Lakes & Ponds
Bryce Photography	3044 N Judd Ln	Pima	AZ	85543-0219	998927487	1	Photographers-Portrait
Budget Inn	1215 W Thatcher Blvd	Safford	AZ	85546-3302	709518153	3	Hotels & Motels
Bulk Transportation	962 E US Highway 70	Safford	AZ	85546-2112	236999652	15	Transportation
Bull Pen	912 W Thatcher Blvd	Safford	AZ	85546-3134	168618619	10	Bars
Bulldog Boulevard Preschool	1400 W Bulldog Blvd	Safford	AZ	85546-3412	658260385	6	Child Care Service
Burger King	2103 W US Highway 70	Thatcher	AZ	85552-5446	168618635	35	Restaurants
Bush & Shurtz	232 E 300 S	Pima	AZ	85543-1173	356426486	4	Restaurants
Bushman Dental Care	400 E US Highway 70	Safford	AZ	85546-2046	537696122	7	Dentists
Bylas Administration	Hwy 70	Bylas	AZ	85530-0394	570420661	5	Government Offices- Native American
Bylas Apache Housing Auth	Mount Tumbull	Bylas	AZ	85530-0395	570420612	7	Native American Reservations & Tribes
Cable One Inc	1996 W Thatcher Blvd	Safford	AZ	85546-3318	403910904	15	Television-Cable & Catv
Cactus Road Nursery	973 W Cactus Rd	Safford	AZ	85546-9444	998929160	2	Nurserymen
Calvary Chapel	1879 W Pepper Tree Dr	Safford	AZ	85546-4061	622202158	3	Churches
Carpet Tile & More LLC	628 W Main St	Safford	AZ	85546-9376	622202083	15	Carpet & Rug Dealers- New

Carquest Auto Parts	1217 W Thatcher Blvd	Safford	AZ	85546-3302	846634939	3	Automobile Parts & Supplies-Retail-New
Bart J Carter MD	2240 W 16th St	Safford	AZ	85546-4081	957757669	3	Physicians & Surgeons
Casa De Flores	1775 S 20th Ave	Safford	AZ	85546-4023	846680114	2	Retirement Communities & Homes
Casa Del Sol Realty	2748 W US Highway 70	Thatcher	AZ	85552-5626	168618759	6	Real Estate
Casa Manana	502 S 1st Ave	Safford	AZ	85546-2305	168618767	29	Restaurants
Castro Custom	1922 Mesa Cir	Safford	AZ	85546-3577	658259890	1	Tile-Ceramic-Contractors & Dealers
Catholic Community Svc	6082 S US Highway 191	Safford	AZ	85546-9535	394162309	8	Social Service & Welfare Organizations
Cecil's Garage	2814 S 1st Ave	Safford	AZ	85546-2218	301163473	2	Transmissions-Automobile
Central Dentistry	1807 W Thatcher Blvd # 2	Safford	AZ	85546-3360	420486607	9	Dentists
Central Implement Inc	2457 W US Highway 70	Thatcher	AZ	85552-5447	168621480	10	Farm Equipment (Wholesale)
Chacons Fitness Ctr	515 W Main St	Safford	AZ	85546-2726	211140645	1	Health Clubs Studios & Gymnasiums
Chalos LA Casa Reynoso	611 S 6th Ave	Safford	AZ	85546-2816	177649472	30	Restaurants
Chase	321 W Main St	Safford	AZ	85546-2350	352050405	20	Banks
Check Into Cash	1902 W Thatcher Blvd	Safford	AZ	85546-3318	259293546	3	Check Cashing Service
Checker Auto Parts	2157 W US Highway 70 # A	Thatcher	AZ	85552-5526	168618809	11	Automobile Parts & Supplies-Retail-New

Child & Family Resources Inc	301 E 4th St # B	Safford	AZ	85546-2074	998929368	9	Social Service & Welfare Organizations
Child Care Adm	1938 W Thatcher Blvd	Safford	AZ	85546-3318	484628359	2	State Government-Social/Human Resources
Child Support Enforcement Adm	1938 W Thatcher Blvd	Safford	AZ	85546-3318	447078767	7	State Government-Social/Human Resources
China Taste	1391 W Thatcher Blvd	Safford	AZ	85546-3304	222343964	8	Restaurants
Church Of Jesus Christ Of Lds	2597 N Church Ave	Central	AZ	85531-0195	846681732	1	Churches
Church Of Jesus Christ Of Lds	4050 W 2nd St	Thatcher	AZ	85552-0970	846681161	1	Churches
Church Of Jesus Christ Of Lds	515 W 11th St	Safford	AZ	85546-2921	984894402	3	Special Interest Libraries
Church Of Jesus Christ Of Lds	610 N 3rd Ave	Thatcher	AZ	85552-0419	900009671	3	Churches
Church Of Jesus Christ Of Lds	871 College Ave	Thatcher	AZ	85552-0759	846683167	5	Churches
Circle K	1123 W Thatcher Blvd	Safford	AZ	85546-3137	301521258	7	Convenience Stores
City Electric Supply	490 W 8th St	Safford	AZ	85546-2703	658259940	4	Electric Equipment & Supplies-Retail
City Of Safford	405 W Discovery Park Blvd	Safford	AZ	85546-4203	413747304	45	Water & Sewage Companies-Utility
CKC Construction	1234 E Airport Rd	Safford	AZ	85546-9147	8784845	50	Asphalt & Asphalt Products
Clean Burn	2248 W Cactus Rd	Safford	AZ	85548-1017	413747569	5	General Contractors
Clonts Family Farm Inc	7217 E Sanchez Rd	Safford	AZ	85546-9587	995409810	1	Farms

Clonts Jewelry	1510 W Thatcher Blvd	Safford	AZ	85546-3309	301163499	3	Jewelers-Retail
CMI Quick Copy	516 W 5th St	Safford	AZ	85546-2712	998929061	13	Copying & Duplicating Service
Coca-Cola Bottling Co	202 W 8th St	Safford	AZ	85546-2331	311505879	23	Bottlers (Mfrs)
Cochise Health Systems Altcs	3333 W 8th St # D	Thatcher	AZ	85552-5444	557767050	4	State Government-Public Health Programs
College Park Patio Homes	565 N College Ave	Thatcher	AZ	85552-1107	168623510	2	Apartments
Collins Precision Mfg	1445 N Kelly Ln	Safford	AZ	85548-1041	900010091	6	Hydraulic Equipment-Repairing
Colorado Arizona Tractor	3967 S US Highway 191	Safford	AZ	85548-2007	168618908	6	Contractors-Equip/Supls-Dlrs/Svc (Whol)
Comfort Inn	2577 W US Highway 70	Thatcher	AZ	85552-5553	658260229	20	Hotels & Motels
Community Action Program	283 W 5th St	Safford	AZ	85546-2324	403898984	23	Social Service & Welfare Organizations
Community Home Loans	1964 W Thatcher Blvd	Safford	AZ	85546-3318	622202810	3	Real Estate Loans
Companion Animal Clinic	1765 S 20th Ave	Fort Thomas	AZ	85536-0177	998929418	3	Veterinarians
Complete Heating Cooling LLC	368 E Armory Rd	Safford	AZ	85546-4204	622202141	2	Air Conditioning Contractors & Systems
Copper Ridge Realty	1717 W Thatcher Blvd	Safford	AZ	85546-3312	638120832	14	Real Estate
Copper Valley Telephone	405 W Discovery Park Blvd	Safford	AZ	85546-4203	358590818	10	Telephone Companies
Coronet Awning & Fencing Co	3879 W Main St	Thatcher	AZ	85552-0905	168623106	2	General Contractors

Corrections Dept-Adult Parole	1970 W Thatcher Blvd # 26	Safford	AZ	85546-3336	403899222	2	State Govt-Correctional Institutions
Cotton Clouds	5176 S 14th Ave	Safford	AZ	85546-9252	168618957	3	Yarn-Retail
Country Insurance & Financial	813 W Court St S # 2	Safford	AZ	85546-2820	484629498	4	Insurance
Countrywide Mobile Homes	870 E US Highway 70	Safford	AZ	85546-2071	846683449	5	Mobile Homes-Dealers
Crane Works	1502 S 1st Ave	Safford	AZ	85546-2143	631891694	1	Cranes & Derricks (Wholesale)
Creative Edge	3185 W Main St	Thatcher	AZ	85552-5684	259293926	3	Beauty Salons
Creative Pursuits	612 W Main St	Safford	AZ	85546-2824	236417499	4	Scrapbook Albums & Supplies
Crestline Properties	PO Box 334	Safford	AZ	85548-0334	394163224	2	Apartments
Crisler Pest Control	198 E Armory Rd	Safford	AZ	85546-2235	658260484	1	Pest Control
CTI	2267 W Safford Bryce Rd	Safford	AZ	85546-9214	229836846	37	Trucking
Curley's Place	14679 W US Highway 70	Fort Thomas	AZ	85536-0124	301521365	1	Cocktail Lounges
Curtis Homes	853 S Tuscany Ln	Thatcher	AZ	85552-4332	658260179	4	General Contractors
Curtis Landscape & Irrigation	1505 S 1st Ave	Safford	AZ	85546-2101	251307708	3	Landscape Contractors
Curtis Real Estate	1680 W Thatcher Blvd	Safford	AZ	85546-3311	403899297	12	Real Estate
Curves	1904 W Thatcher Blvd	Safford	AZ	85546-3318	222219958	6	Health Clubs Studios & Gymsnasiums

Custom Storage Rentals	200 E Highway 70	Pima	AZ	85543-0458	420459349	3	Storage-Household & Commercial
Custom Storage Rentals	72 S 100th W	Pima	AZ	85543-0458	394162366	2	Storage-Household & Commercial
Custom Storage Rentals	919 S 3rd Ave	Safford	AZ	85546-2446	259293652	3	Storage-Household & Commercial
Cut Above	120 S Main St	Pima	AZ	85543-0280	712523604	1	Beauty Salons
Cuts	1962 W Thatcher Blvd	Safford	AZ	85546-3318	168619104	5	Beauty Salons
Cycle Path	726 S 6th Ave	Safford	AZ	85546-2842	301521423	1	Bicycles-Dealers
Daddy's Construction	179 W Latigo St	Safford	AZ	85546-7912	236417754	3	Home Builders
Daily Stop Market	3768 W Golf Course Rd	Thatcher	AZ	85552-5230	900009796	4	Convenience Stores
Dairy Queen	807 W Thatcher Blvd	Safford	AZ	85546-3131	168619112	18	Ice Cream Parlors
Dan Hinton School	164 E 400 S	Pima	AZ	85543-0488	846766673	30	Schools
Dave's Automotive	825 W Cholla Dr	Safford	AZ	85546-8311	258552405	2	Automobile Repairing & Service
Dave's Self Storage	4047 W Main St	Thatcher	AZ	85552-5657	463274316	37	Storage-Household & Commercial
Days Inn	520 E US Highway 70	Safford	AZ	85546-2048	301163507	17	Hotels & Motels
De Keuster's Gymnastics	507 S 5th Ave	Safford	AZ	85546-2728	236417705	5	Gymnastic Instruction
De Palma's Team USA	514 W 7th St	Safford	AZ	85546-2700	537695702	4	Martial Arts Instruction

Deb's Dog House1	3017 S Aztec St	Safford	AZ	85546-4217	394162093	1	Pet Washing & Grooming
Debbie's Craft Connection	610 S 5th Ave	Safford	AZ	85546-2716	982494015	1	Craft Supplies
Dept Of Transportation	2082 E US Highway 70	Safford	AZ	85546-9303	846683753	13	Government Offices-State
Des Child Protective Svc	1938 W Thatcher Blvd	Safford	AZ	85546-3318	403898950	9	State Government-Social/Human Resources
Desert Riders Yamaha	212 E US Highway 70	Safford	AZ	85546-2042	256652462	20	Motorcycles & Motor Scooters-Dealers
Desert Springs Community	425 E 4th St	Safford	AZ	85546-2026	959482571	1	Churches
Developmental Disabilities Div	1938 W Thatcher Blvd	Safford	AZ	85546-3318	484628367	4	State Government-Social/Human Resources
Diamond Computers	950 S 3rd Ave	Safford	AZ	85546-2447	180257214	3	Computers-Service & Repair
Discovery Park	1651 W Discovery Park Blvd	Safford	AZ	85546-3909	463273862	2	Observatories
Discovery Plus Academy	852 W 250 N	Pima	AZ	85543-1089	985026459	25	Schools
Doc's Food Store	2371 W US Highway 70	Thatcher	AZ	85552-0087	484630090	7	Convenience Stores
Dollar General	1640 W Thatcher Blvd	Safford	AZ	85546-3311	253656623	2	Variety Stores
Dollar Tree	2129 W US Highway 70	Thatcher	AZ	85552-5446	638122440	9	Variety Stores
Double-R-Sound	3667 W Jewel St	Thatcher	AZ	85552-5241	957757537	3	Wedding Supplies & Services
Dove Tree Counseling	1906 W Thatcher Blvd # 4	Safford	AZ	85546-3342	251672663	4	Marriage & Family Counselors



Dream Kitchens Plus	401 W Main St	Safford	AZ	85546-2724	622202364	6	Kitchen Cabinets & Equipment-Household
Drew & The Crew Motorsports	806 W Thatcher Blvd	Safford	AZ	85546-3132	225998277	5	Motorcycles & Motor Scooters-Dealers
Dubois Excavating	3333 W 8th St	Thatcher	AZ	85552-5444	396379356	3	Excavating Contractors
Dvd Dplay	2125 W US Highway 70	Thatcher	AZ	85552-5446	629267139	3	Computer Software
E A Electric	925 W Cactus Rd	Safford	AZ	85546-9444	394163240	5	Electric Contractors
E A Glass	2711 W US Highway 70	Thatcher	AZ	85552-5647	900009986	15	Glass-Auto Plate & Window & Etc
Earp Machinery	7114 E San Jose Rd	Safford	AZ	85546-8600	313829673	4	Machine Shops (Mfrs)
Eastern Arizona Ag Ctr Inc	2700 W US Highway 70	Thatcher	AZ	85552-5626	308517754	17	Tractor-Dealers (Wholesale)
Eastern Arizona Clg Foundation	3697 W Church St	Thatcher	AZ	85552-5625	355128349	3	Non-Profit Organizations
Eastern Arizona College	615 N Stadium Ave	Thatcher	AZ	85552-5545	168623155	583	Schools-Universities & Colleges Academic
Eastern Arizona Computers	505 S 5th Ave	Safford	AZ	85546-2728	484629753	4	Computer & Equipment Dealers
Eastern Arizona Cosmetology	1926 W Thatcher Blvd	Safford	AZ	85546-3318	356857433	4	Beauty Schools
Eastern Arizona Exterminating	8838 Weech Ln	Pima	AZ	85543-0967	900009531	6	Pest Control
Eastern Arizona Museum Society	2 N Main St	Pima	AZ	85543-0274	463273565	1	Museums
Eastern Arizona Regional JD	919 W Thatcher Blvd	Safford	AZ	85546-3133	568709190	30	Government Offices-County

Ecologic Svc LLC	PO Box 342	Safford	AZ	85548-0342	394162051	3	Pest Control
Econo Lodge	225 E US Highway 70	Safford	AZ	85546-2064	168622389	8	Hotels & Motels
Edward Jones	411 W 5th St	Safford	AZ	85546-2709	463273730	3	Financial Advisory Services
El Charro Restaurant	601 W Main St	Safford	AZ	85546-2823	168619476	40	Restaurants
El Coronado	409 W Main St	Safford	AZ	85546-2724	168619484	11	Restaurants
El Paso Natural Gas Co	3160 W 8th St	Thatcher	AZ	85552-5421	2306777	4	Gas Companies
El Rio Mobile Home Svc	1812 W 48th Pl	Safford	AZ	85546-9649	394163091	3	Mobile Homes-Transporting
Elite Financial Svc	620 S 5th Ave	Safford	AZ	85546-2716	358901452	2	Accountants
Elks Lodge	501 S Gila Ave	Safford	AZ	85546-2000	846680049	5	Fraternal Organizations
Emil Crockett Agency Inc	427 W Main St	Safford	AZ	85548-0631	168619039	2	Insurance
Empire Southwest	444 E Old Country Club Rd	Safford	AZ	85546-9520	658260526	23	Contractors-Equipment & Supls-Renting
England & Son Welding	4641 S US Highway 191	Safford	AZ	85546-8315	447078908	1	Welding
Enterprise Rent A Car	1018 W Thatcher Blvd	Safford	AZ	85546-3136	484628805	7	Automobile Renting
Equity First Homes	813 W Court St S # 1	Safford	AZ	85546-2820	537696312	2	Home Design & Planning Service
Essence Of Tranquility	6074 S Lebanon Loop Rd	Safford	AZ	85546-9592	957757396	1	Massage Therapists

Eterna Building System Inc	12633 W Highway 70	Pima	AZ	85543-9755	557768348	6	Building Materials-Manufacturers
Expressions	3333 W 8th St # E	Thatcher	AZ	85552-5444	613078856	4	Business Management Consultants
F & A Collision Ctr	3996 W Main St	Thatcher	AZ	85552-5621	227479847	2	Automobile Body-Repairing & Painting
Fairway Independent Mortgage	813 W Court St S	Safford	AZ	85546-2820	622202877	1	Real Estate Loans
Faith Lutheran Church	221 E Main St	Safford	AZ	85546-2051	168619542	2	Churches
Falls Wedding & Event Ctr	380 E Entertainment Ave	Safford	AZ	85546-2048	557769148	2	Baseball Batting Ranges
Family Chiropractic	1431 W Thatcher Blvd	Safford	AZ	85546-3306	463274365	1	Chiropractors Dc
Family Dental Care	1517 S 20th Ave	Safford	AZ	85546-4009	413747684	8	Dentists
Family Dollar Store	1998 W Thatcher Blvd	Safford	AZ	85546-3343	557767662	5	Variety Stores
Family Hearing Care	1491 W Thatcher Blvd	Safford	AZ	85546-3362	168618429	2	Hearing Impaired Equipment & Supplies
Family Medical Ctr	1492 S 20th Ave	Safford	AZ	85546-4052	537695793	10	Physicians & Surgeons
Family Pet Resort	2509 W US Highway 70	Thatcher	AZ	85552-5489	266485218	1	Pet Boarding & Sitting
Farm Bureau Insurance	620 S 1st Ave	Safford	AZ	85546-2307	168619591	3	Insurance
Farm Credit Svc	1124 W Thatcher Blvd # 102	Safford	AZ	85548-0312	463273912	6	Real Estate Loans
Federal Prison Camp	W Swift Tr	Safford	AZ	85548-0820	394163836	4	Federal Govt-Correctional Institutions

Fender Vendor	3305 S US Highway 191	Safford	AZ	85546-2243	168619633	2	Automobile Body-Repairing & Painting
Ferrin Johnson Construction	8701 Grand View Ln	Pima	AZ	85543-9767	209382977	10	General Contractors
Ferrin Johnson Construction	950 W Tripp Canyon Rd	Pima	AZ	85543-9717	658260567	4	General Contractors
Ferrin's Auto Collision Ctr	3970 W Main St	Thatcher	AZ	85552-3010	168623015	7	Automobile Body-Repairing & Painting
Ferrin's State Roofing Co	989 N High School Ave	Thatcher	AZ	85552-5638	484629159	9	Roofing Contractors
Fertizona	4257 W US Highway 70	Thatcher	AZ	85552-3040	168620532	3	Fertilizer Mixing Only (Manufacturers)
Fifth Avenue Florist & Gifts	516 S 5th Ave	Safford	AZ	85546-2714	168619666	2	Florists-Retail
Firebird Fuel	1010 E US Highway 70	Safford	AZ	85546-8948	638121764	20	Oils-Fuel (Wholesale)
Firing Pin Gun & Pawn	620 S 6th Ave	Safford	AZ	85546-2817	388307639	2	Guns & Gunsmiths
First Assembly Of God	924 S 1st Ave	Safford	AZ	85546-2154	700422025	1	Churches
First Baptist Church	1109 S 7th Ave	Safford	AZ	85548-1388	168619690	1	Churches
First Christian Church	1726 S 1st Ave	Safford	AZ	85548-0269	998928980	1	Churches
First Pueblo Financial	613 W Main St	Safford	AZ	85546-2823	846681211	2	Real Estate Loans
First Southern Baptist Church	2934 W 8th St	Thatcher	AZ	85552-0771	846682755	4	Churches
First United Methodist Church	1020 S 10th Ave	Safford	AZ	85546-3425	708796297	9	Churches

Flour Industrial Svc	1970 W Thatcher Blvd	Safford	AZ	85546-3340	638121947	2	Services Nec
Follett Campus Bookstore	600 W Church St	Thatcher	AZ	85552-5671	550016547	2	Book Dealers-Retail
Food Stamps & Assistance Office	1938 W Thatcher Blvd	Safford	AZ	85546-3318	403899412	26	State Government-Social/Human Resources
Fort Thomas Elementary	15560 W US Highway 70	Fort Thomas	AZ	85536-0055	453453201	50	Schools
Fort Thomas Store & Towing	15560 W Highway 70 N	Fort Thomas	AZ	85536-0001	420472482	1	Grocers-Retail
Foster Care Connection	1970 W Thatcher Blvd	Safford	AZ	85546-3340	631798121	6	Foster Care
Fox Self Storage	5270 S US Highway 191	Safford	AZ	85548-0655	394162382	2	Storage-Household & Commercial
Freedom Acceptance	3122 W Bryce Canyon Rd	Thatcher	AZ	85552-4312	658260153	4	Furniture-Dealers-Retail
Freedom Ford-Lincoln-Mercury	2161 W US Highway 70	Thatcher	AZ	85552-5446	311505861	25	Automobile Dealers-New Cars
Freeport-McMoRan Copper & Gold	3443 E US Highway 70	Safford	AZ	85546-9143	658260252	97	Mining Companies
Freeport-McMoRan Copper & Gold	8500 N Phelps Dodge Rd	Safford	AZ	85546-8964	658260302	13	Mining Companies
Freeport-McMoRan Copper & Gold	9780 E Sanchez Rd	Safford	AZ	85546-7400	658260286	13	Mining Companies
Freeport-McMoRan Copper & Gold	3250 W US Highway 70	Thatcher	AZ	85552-5687	658260278	1	Mining Companies
Fresh State Const	2208 S 9th Ave	Safford	AZ	85546-3606	658260518	6	Construction Management
Ft Thomas High School	15502 W US Hwy 70	Fort Thomas	AZ	85536-0028	464966522	35	Schools

Gabi's Cafe	2887 W US Highway 70	Thatcher	AZ	85552-5669	394162549	6	Restaurants
Game & Fish Dept	HC 1 Box 7009	Pima	AZ	85543-9742	846766814	8	State Government-Conservation Depts
Gardner Accounting Svc	1970 W Thatcher Blvd # 10	Safford	AZ	85546-3345	309518371	2	Accountants
GCR Tires Plus	2850 N Cassies Pl	Safford	AZ	85546-8535	660929787	5	Tire-Retreading & Repairing
Gem Distribution Systems LLC	1456 E US Highway 70	Safford	AZ	85546-9291	639603489	12	Distribution Services
Gemini Barber & Beauty Shop	510 W 5th St	Safford	AZ	85546-2712	703471433	3	Barbers
Gentle Care Transport	3333 W 8th St	Thatcher	AZ	85552-5444	638121665	3	Trucking
Gentle Nails	611 W Main St	Safford	AZ	85546-2823	557767092	2	Manicuring
Giant	300 E US Highway 70	Safford	AZ	85546-2044	584253660	7	Service Stations-Gasoline & Oil
Giant	2946 W US Highway 70	Thatcher	AZ	85552-1060	301521308	7	Service Stations-Gasoline & Oil
Gila Auto & Rv	2230 W US Highway 70	Safford	AZ	85548-0286	846684702	7	Recreational Vehicles-Equip/Parts/Svc
Gila Dental	602 S 8th Ave	Safford	AZ	85546-2830	557767118	3	Dentists
Gila Electric	1457 N 8th Ave	Thatcher	AZ	85552-0932	978759173	4	Electric Contractors
Gila Institute For Technology	622 N College Ave	Thatcher	AZ	85552-5545	584253272	5	Schools
Gila Outdoor	408 W Main St	Safford	AZ	85546-2725	180541476	6	Camping Equipment

Gila Preparatory Academy	1976 W Thatcher Blvd	Safford	AZ	85546-3318	557767209	18	Schools
Gila River Apartments	235 N Eliza Ln	Thatcher	AZ	85552-5456	629285552	3	Apartments
Gila Valley Appliance	437 S 5th Ave	Safford	AZ	85546-2628	584253678	5	Appliances-Household-Major-Dealers
Gila Valley Carpet Cleaning	709 W 16th St	Safford	AZ	85546-3008	484628961	1	Carpet & Rug Cleaners
Gila Valley Clinic PC	2016 W 16th St	Safford	AZ	85546-4026	712523422	25	Clinics
Gila Valley Cycle & Ski	304 W 5th St	Safford	AZ	85546-2326	420498107	4	All Terrain Vehicles
Gila Valley Electrolysis	512 S 5th Ave	Safford	AZ	85546-2714	537696213	1	Electrolysis
Gila Valley Floors Inc	701 S 5th Ave	Safford	AZ	85546-2717	168619435	8	Carpet & Rug Dealers-New
Gila Valley Irrigation Dist	207 W 5th St	Safford	AZ	85546-2324	638121970	2	Irrigation Companies
Gila Valley Memorial Gardens	705 S 1st Ave	Safford	AZ	85546-2300	557767126	4	Cemeteries
Gila Valley Orthopedics	2270 W 16th St	Safford	AZ	85546-4081	211626486	3	Physicians & Surgeons
Gila Valley Sod Farm	9528 Hot Springs Rd	Eden	AZ	85535-9600	447078718	4	Sod & Sodding Service
Gila Valley Taxi	PO Box 25	Safford	AZ	85548-0025	394162507	1	Taxicabs & Transportation Service
Gingerbread & Co	411 W Main St	Safford	AZ	85546-2724	957757172	2	Gift Shops
Gladtime Farm	10679 W Highway 70	Pima	AZ	85543-9529	511871923	6	Farms

Glenbar Gin Inc	9845 W US Highway 70	Pima	AZ	85543-0459	846766756	6	Cotton Gins
Golden Corral Buffet & Grill	2019 W US Highway 70	Thatcher	AZ	85552-5445	310510318	40	Restaurants
Goodman Chiropractic	3910 W Main St	Thatcher	AZ	85552-1206	413748021	6	Chiropractors Dc
Grace Evangelical Lutheran Chr	225 E Main St	Safford	AZ	85546-2051	168619989	1	Churches
Grace Tabernacle Church	401 W Relation St	Safford	AZ	85546-2929	168619971	1	Churches
Graco Motors Inc	265 E Highway 70	Pima	AZ	85543-0280	314859133	4	Automobile Dealers-Used Cars
Graham Apartments	7350 S US Highway 191	Safford	AZ	85546-7500	168619997	1	Apartments
Graham Cnty Health Department	826 W Main St	Safford	AZ	85546-2828	846681385	12	Government Offices-County
Graham Cnty Superior Ct Judge	800 W Main St	Safford	AZ	85546-2828	447078551	3	County Government-Courts
Graham County Animal Control	2536 E US Highway 70	Safford	AZ	85546-9275	557767720	3	Humane Societies
Graham County Animal Shelter	300 E Old Country Club Rd	Safford	AZ	85546-9530	259293991	4	Government Offices-County
Graham County Arc	502 W Main St	Safford	AZ	85548-0870	846685261	54	Thrift Shops
Graham County Assessor	921 W Thatcher Blvd	Safford	AZ	85546-3133	701629693	8	County Government-Finance & Taxation
Graham County Attorney	800 W Main St	Safford	AZ	85546-2828	403899107	11	County Government-Legal Counsel
Graham County Casa Program	800 W Main St	Safford	AZ	85546-2828	394163745	1	Government Offices-County



Graham County Chamber-Commerce	1111 W Thatcher Blvd	Safford	AZ	85546-3161	168621621	4	Chambers Of Commerce
Graham County Electric Co-Op	9 W Center St	Pima	AZ	85543-0290	168616761	40	Electric Companies
Graham County Employment	826 W Main St	Safford	AZ	85546-2828	403899495	2	Government Offices-County
Graham County Engineer	921 W Thatcher Blvd	Safford	AZ	85546-3133	568707657	5	Government Offices-County
Graham County Fair & Racing	527 E Armory Rd	Safford	AZ	85546-2231	403899362	6	Government Offices-County
Graham County Fiduciary	820 W Main St	Safford	AZ	85546-2800	403899198	2	Government Offices-County
Graham County Florist & China	407 W Main St	Safford	AZ	85546-2724	168620029	5	Florists-Retail
Graham County Government	921 W Thatcher Blvd	Safford	AZ	85546-3147	403899040	8	Government Offices-County
Graham County Highway Dept	3250 W 8th St	Thatcher	AZ	85552-5422	846682730	7	Grading Contractors
Graham County Historical Scty	3430 W Main St	Thatcher	AZ	85552-0290	584253371	1	Museums
Graham County Justice Of Peace	800 W Main St	Safford	AZ	85546-2828	403898794	5	Government Offices-County
Graham County Planning & Znng	921 W Thatcher Blvd	Safford	AZ	85546-3133	403898737	4	Government Offices-County
Graham County Probation Office	800 W Main St	Safford	AZ	85546-2828	403899065	27	Probation Services
Graham County Recorder	921 W Thatcher Blvd	Safford	AZ	85546-3133	403899099	4	Government Offices-County
Graham County School Supt	921 W Thatcher Blvd	Safford	AZ	85546-3133	464966530	3	Schools

Graham County Sheriff	523 S 10th Ave	Safford	AZ	85546-3120	463273797	60	Sheriff
Graham County Special Svc	150 E 4th S	Pima	AZ	85543-0488	568707616	30	Schools
Graham County Superior Ct Clrk	800 W Main St	Safford	AZ	85546-2828	447078544	9	Government Offices-County
Graham County Supervisors Brd	921 W Thatcher Blvd	Safford	AZ	85546-3133	403899032	8	County Government-Executive Offices
Graham County Treasurer	921 W Thatcher Blvd	Safford	AZ	85546-3133	403899073	5	County Government-Finance & Taxation
Graham County WIC-Nutrition	820 W Main St	Safford	AZ	85546-2800	403899545	3	County Government-Social/Human Resources
Graham County Witness Program	800 W Main St	Safford	AZ	85546-2828	403899248	2	Government Offices-County
Graham Parks & Recreation Ofc	527 E Armory Rd	Safford	AZ	85546-2231	846684751	26	Parks
Green's Furniture	520 W 5th St	Safford	AZ	85546-2712	236417606	5	Furniture-Dealers-Retail
Griffins Propane	4223 S US Highway 191	Safford	AZ	85546-9241	313829772	4	Gas-Liquefied Petro-Bttld/Bulk (Whol)
H & R Block Tax Svc	2075 W US Highway 70	Thatcher	AZ	85552-5445	707304259	10	Tax Return Preparation & Filing
H & S Field Svc	2586 W US Highway 70	Thatcher	AZ	85552-5472	638121426	48	Services Nec
H & S Pipe & Fence	2616 W US Highway 70	Thatcher	AZ	85552-5461	634739791	3	Fence (Wholesale)
H D Hilliman Roofing	1032 S 5th Ave	Safford	AZ	85546-2966	658260369	1	Roofing Contractors
H L Boling & Assoc Inc	1588 N Cluff Ranch Rd	Pima	AZ	85543-0070	537693947	2	Safety Consultants

H2O Drilling & Pump Svc	608 S Central Ave	Safford	AZ	85546-2721	413748211	5	Gas Well Servicing
Hair Academy Of Safford	1550 W Thatcher Blvd	Safford	AZ	85546-3309	168621670	4	Beauty Schools
Hair Hunters	201 W Relation St	Safford	AZ	85546-2440	168620151	5	Beauty Salons
Hancock Enterprises	1622 E US Highway 70	Safford	AZ	85546-9762	484629647	6	Mobile Homes-Park Developers
Hand For Health Spa	3245 W Main St	Thatcher	AZ	85552-3030	712523448	6	Storage-Household & Commercial
Haralson Auto Svc Ctr	214 E US Highway 70	Safford	AZ	85548-0752	846684827	25	Automobile Repairing & Service
Haralson Farm	2073 N Ferguson Ln	Thatcher	AZ	85552-1168	561777103	4	Farms
Hard Rock Beauty Shop	425 W Main St	Safford	AZ	85546-2724	576129688	1	Beauty Salons
Hatch Brothers Auto Ctr	1623 W Thatcher Blvd	Safford	AZ	85546-3310	403899347	16	Automobile Dealers-New Cars
Hawkins Custom Painting	11271 W Bryce Eden Rd	Pima	AZ	85543-9746	660886219	2	Painters
Head Quarters Salon & Supply	204 W 15th St	Safford	AZ	85546-2529	211626338	6	Beauty Salons
Hendricks Taxidermy	925 W Castle Rd	Safford	AZ	85546-9295	248190217	1	Taxidermists
Hernandez Tires & Svc	4233 S US Highway 191	Safford	AZ	85546-9241	557767746	1	Tire-Dealers-Retail
Hibbett Sporting Goods Inc	2145 W US Highway 70	Thatcher	AZ	85552-5446	612911958	7	Shoes-Retail
High Helper	984 S 1st Ave	Thatcher	AZ	85552-5302	658259999	1	Lifts (Wholesale)

Holladay's Photo Emporium	429 W Main St	Safford	AZ	85546-2724	168620243	2	Photographers-Portrait
Holloway Trim Svc	1208 W Thatcher Blvd	Safford	AZ	85546-3303	703809939	2	Automobile Seatcovers Tops & Upholstery
Holyoak's Independent Wrecker	18556 W Highway 70	Fort Thomas	AZ	85536-0087	484630108	1	Wrecker Service
Home Depot	750 S 20th Ave	Thatcher	AZ	85552-4424	384898649	80	Home Centers
Homestead Building Products	1765 W Thatcher Blvd	Safford	AZ	85546-3312	660910332	5	Building Materials
Hotel Thatcher	1215 W Thatcher Blvd	Safford	AZ	85546-3302	557767753	2	Hotels & Motels
House Of Flowers Gift & Sweets	415 E US Highway 70	Safford	AZ	85546-2045	243752680	2	Gift Shops
Howard's Mobile Paradise Villa	1313 N High School Ave	Thatcher	AZ	85552-1960	168623239	2	Mobile Homes-Park Developers
Wendell M Hughes	515 S 2nd Ave	Safford	AZ	85546-2335	413747445	2	Attorneys
Iglesia De Solomon AOG	5080 E Main St	Solomon	AZ	85551-0201	534905013	1	Churches
Ill Counties Dist Co Inc	812 S 11th Ave	Safford	AZ	85548-0632	168620334	13	Beer & Ale-Wholesale
ILS-Wayport Inc	1830 W Thatcher Blvd	Safford	AZ	85546-3315	638122234	3	Nonclassified Establishments
Impressive Labels	300 E 4th St	Safford	AZ	85546-2025	311505994	175	Labels-Paper (Manufacturers)
Industrial Electric Svc	1220 W 8th St	Safford	AZ	85546-3114	168620342	4	Electric Motors- Manufacturers
Infinia At Safford	1933 W Pepper Tree Dr	Safford	AZ	85546-4048	896329661	105	Nursing & Convalescent Homes

Ink Dragon Tattooing	205 E US Highway 70	Thatcher	AZ	85552-0222	965984644	1	Tattooing
Innes Insurance Svc	608 S 8th Ave	Safford	AZ	85548-0472	259294015	4	Insurance
Installer Telephone Wiring Rpr	939 W Cholla Dr	Safford	AZ	85546-8312	403898844	1	Telephone Equipment & Systems-Svc/Repair
Interstate Copy Shop	3776 W Main St	Thatcher	AZ	85552-0730	168620359	5	Copying & Duplicating Service
J C Penney Co	619 S 5th Ave	Safford	AZ	85546-2715	846683480	2	Department Stores
J L's Car Care	821 W Thatcher Blvd	Safford	AZ	85546-3131	168620383	2	Automobile Repairing & Service
J M Excavating	312 E 20th St	Safford	AZ	85546-2226	629374232	3	Excavating Contractors
Jackson Hewitt Tax Svc	404 W 5th St	Safford	AZ	85546-2710	609363098	8	Tax Return Preparation & Filing
Jared O Smith Attorneys At Law	605 W Main St	Safford	AZ	85546-2823	528351703	3	Attorneys
Jay's Construction-Maintenance	1409 S 1st Ave	Safford	AZ	85546-2133	582116562	55	General Contractors
Jensen's Accounting Svc	3910 W Main St	Thatcher	AZ	85552-1028	965984651	3	Accountants
Jerry's Restaurant	1612 W Thatcher Blvd	Safford	AZ	85546-3311	168620441	20	Restaurants
Jevas Engineering	735 S Pine Ave	Safford	AZ	85546-2011	246114425	4	Engineers-Civil
Jo-Bi Convenience Market	4520 S US Highway 191	Thatcher	AZ	85552-1287	230074262	11	Convenience Stores
Joan's Draperies	618 W Main St	Safford	AZ	85546-2824	168620466	1	Window Coverings-Dealers

Joe's Plumbing	1351 E US Highway 70	Safford	AZ	85548-0613	168620474	5	Plumbing Contractors
Jorgensen Counseling Inc	409 W 7th St	Safford	AZ	85546-2705	978758142	1	Marriage & Family Counselors
Jumbo Chinese Restaurant	817 W Thatcher Blvd	Safford	AZ	85546-3131	900010547	6	Restaurants
Tran Justice MD	2020 W 16th St	Safford	AZ	85546-4026	371884420	3	Physicians & Surgeons
JYB Corp	1202 S 6th Ave	Safford	AZ	85546-2911	658259916	6	Electric Contractors
K & R Drywall LLC	112 W 12th St	Safford	AZ	85546-2420	658260633	3	Dry Wall Contractors
K & S Towing & Repair	3562 S US Highway 191	Safford	AZ	85546-2248	168619757	1	Automobile Repairing & Service
Kachina Mineral Springs Spa	1155 W Cactus Rd	Safford	AZ	85546-9442	310510300	4	Hot Springs
KATO	3335 W 8th St	Safford	AZ	85548-2008	301163424	8	Radio Stations & Broadcasting Companies
Kempton Chevrolet-Buick	710 W Main St	Safford	AZ	85546-2826	846681286	6	Automobile Body-Repairing & Painting
Kempton Chevrolet-Buick	715 W 5th St	Safford	AZ	85548-0960	846680932	36	Automobile Dealers-New Cars
Kempton Landscaping	1765 S Camilla Cir	Safford	AZ	85546-3547	900010141	6	Landscape Contractors
KFC	1817 W Thatcher Blvd	Safford	AZ	85546-3314	168620540	25	Restaurants
KFMM	301 E US Highway 70 # B	Tucson	AZ	85740-5997	308517747	6	Radio Stations & Broadcasting Companies
Kid's Wear	410 W Main St	Safford	AZ	85546-2725	369050091	2	Clothing-Used

Kids Kountry	301 E 4th St # A	Safford	AZ	85546-2074	846682094	8	Child Care Service
Kim's Window Tinting & Storage	1404 S 1st Ave	Safford	AZ	85546-2134	484630140	1	Glass Coating & Tinting
KJK	1850 W Thatcher Blvd	Safford	AZ	85546-3363	219645272	4	Radio Stations & Broadcasting Companies
Kouts Construction & Landscpg	808 S Central Ave	Safford	AZ	85548-0223	168620573	2	General Contractors
L J Mini Mart	3310 W Main St	Thatcher	AZ	85552-5623	369012117	1	Convenience Stores
LA Casita Cafe	3338 W Main St	Thatcher	AZ	85552-0734	168623437	9	Restaurants
Labelmasters LLC	3125 S Industrial Park Loop	Safford	AZ	85546-2301	622202752	20	Labels-Paper (Manufacturers)
Lafe Nelson School	1100 S 10th Ave	Safford	AZ	85546-3499	394163794	50	Schools
Larry D Moeller PC	1807 W Thatcher Blvd	Safford	AZ	85546-3360	484628565	2	Accountants
Layton Financial	1200 W Thatcher Blvd	Safford	AZ	85546-3303	998928733	8	Accountants
Lee Cattle Co	5000 Safford Bryce Rd	Thatcher	AZ	85552-1956	557769171	2	Feed-Dealers (Wholesale)
Lee's Classic Dentistry	813 W Court St S # 3	Safford	AZ	85546-2820	211626643	4	Dentists
Lee's Rite Way Market	2910 W US Highway 70 # B	Thatcher	AZ	85552-5662	168620615	8	Health & Diet Foods-Retail
Lexington Pines Mobile Home	1535 W Thatcher Blvd	Safford	AZ	85546-3300	705058162	2	Recreational Vehicle Parks
Lightning Shoe Shop	614 S 5th Ave	Safford	AZ	85546-2716	413747536	2	Boots

Limo 4 Hire	900 E Hollywood Rd	Safford	AZ	85546-9693	658259981	4	Transportation Services
Lindsey Foods Inc	3249 S Barney Ln	Safford	AZ	85546-9115	846682839	8	Dairy Products-Wholesale
Lines Center Specialists	626 S 6th Ave	Safford	AZ	85546-2817	268240504	5	Dentists
Richard B Lines DDS	1455 S 20th Ave	Safford	AZ	85546-4053	168618080	4	Dentists
Lollipop Shop	1809 W Thatcher Blvd	Safford	AZ	85546-3314	638122200	2	Candy & Confectionery-Retail
Long Realty Gila Valley	1124 W Thatcher Blvd # 97	Safford	AZ	85546-3105	643192180	3	Real Estate
Josi Y Lopez	202 W 5th St	Safford	AZ	85546-2325	998928899	2	Attorneys
Los Jilvertos Restaurant	215 E US Highway 70	Safford	AZ	85546-2064	537696221	6	Restaurants
Lowell A Jensen Law Office	516 W Main St	Safford	AZ	85546-2727	484628714	3	Attorneys
Lucero & Assoc Realty	1914 W Thatcher Blvd	Safford	AZ	85546-3318	211626627	6	Real Estate
R Kirk Lundell DDS	810 W 8th St	Safford	AZ	85546-3109	168608057	4	Dentists
Ly N Brag	2060 S Bowie Ave	Safford	AZ	85546-2274	900009739	1	Cocktail Lounges
M & M Self-Storage	1280 E US Highway 70	Safford	AZ	85546-9373	557769213	1	Storage-Household & Commercial
M Trendz Day Spa Salon	1124 W Thatcher Blvd # 103	Safford	AZ	85546-3162	609909098	5	Beauty Salons
M W Scott Construction	1207 W West Dr	Safford	AZ	85546-3139	557768967	1	Remodeling & Repairing Bldg Contractors



Mac Donald Counseling Svc	624 W 8th St	Safford	AZ	85546-2807	413747676	4	Marriage & Family Counselors
Main Street Cafe	523 W Main St	Safford	AZ	85546-2726	607196383	6	Restaurants
Main Street Cafe Healthy Exp	7 N Main St	Pima	AZ	85543-9692	654717891	6	Restaurants
Main Street Family Medical Inc	118 W 5th St	Safford	AZ	85546-2322	394161905	2	Clinics
Manor House Restaurant	415 E US Highway 70	Safford	AZ	85546-2045	584252563	30	Restaurants
Marcy's Auto Repair	1312 S 1st Ave	Thatcher	AZ	85552-5306	168623304	1	Automobile Repairing & Service
Matlock Gas & Equipment Co	1201 W 8th St	Safford	AZ	85546-3113	403898760	8	Gas-Liquefied Petro-Bttld/Bulk (Whol)
Matt N Clifford Law Office PC	202 W 5th St	Safford	AZ	85546-2325	998928881	2	Attorneys
Matthewsville Excavating	10251 W US Highway 70	Pima	AZ	85543-0761	998315303	2	Excavating Contractors
Mc Donald's	1830 W Thatcher Blvd	Safford	AZ	85546-3315	168620730	55	Restaurants
Mc Dowell Drywall	5495 S US Highway 191	Safford	AZ	85546-9399	658260641	3	Dry Wall Contractors
Paul B Mc Master MD	2270 W 16th St	Safford	AZ	85546-4081	998929285	3	Physicians & Surgeons
Mechys Mexican Food	1547 W Thatcher Blvd	Safford	AZ	85546-3308	957757933	4	Restaurants
Medicap Pharmacy	1520 W Thatcher Blvd	Safford	AZ	85546-3309	957757602	12	Pharmacies
Merles Automotive	214 E US Highway 70	Safford	AZ	85548-0752	557769189	5	Automobile Parts & Supplies-Retail-New

Metro Appraisal	1970 W Thatcher Blvd	Safford	AZ	85546-3340	652283219	2	Appraisers
Mi Casa Tortilla Factory	621 S 7th Ave	Safford	AZ	85546-2822	303776611	10	Mexican Food Products-Manufacturers
Mia's Fun Cuts	421 W Main St	Safford	AZ	85546-2724	378657415	1	Beauty Salons
Michael D Peterson PC	293 W 5th St	Safford	AZ	85546-2324	557769023	4	Attorneys
Millennium Medical Supply Inc	1741 S 20th Ave	Safford	AZ	85546-4012	219560042	3	Physicians & Surgeons Equip & Supls-Whol
Miller Heating & Cooling	10312 W Bryce Eden Rd	Pima	AZ	85543-0160	234108082	2	Air Conditioning Contractors & Systems
Minit Market	325 E US Highway 70	Pima	AZ	85543-0430	584252548	10	Convenience Stores
Minit Market	105 E US Highway 70	Safford	AZ	85546-2040	846679900	10	Service Stations-Gasoline & Oil
Minit Market	750 S 8th Ave	Safford	AZ	85546-2832	846683803	8	Service Stations-Gasoline & Oil
Miracle-Ear Hearing Ctr	1124 W Thatcher Blvd	Safford	AZ	85546-3170	638121814	1	Hearing Impaired Equipment & Supplies
Mobu Herbal	7 N Main St	Pima	AZ	85543-9692	646691667	10	Pain Control
Moffitt's New-To-U	3352 S US Highway 191	Safford	AZ	85546-2244	394162192	2	Furniture-Used
Montierth Properties	704 E US Highway 70	Safford	AZ	85546-2008	998929376	4	Storage-Household & Commercial
Tracy Montierth OD	1502 S 1st Ave	Safford	AZ	85546-2143	403899172	3	Optometrists Od
Morando's Lock & Key	1274 W 19th St	Safford	AZ	85546-3568	358590826	1	Locks & Locksmiths

Morcomb Diesel & Electric Svc	2598 W US Highway 70	Thatcher	AZ	85552-5472	584253801	5	Automobile Repairing & Service
More Self Storage	3903 S US Highway 191	Central	AZ	855310000	584253041	2	Storage-Household & Commercial
Morris Safford Funeral Home	501 W Relation St	Safford	AZ	85546-2930	420392821	4	Funeral Directors
Mothers Against Drunk Driving	PO Box 546	Pima	AZ	85543-0546	245381751	1	Social Service & Welfare Organizations
Motor Vehicle Div	310 W Main St	Safford	AZ	85546-2351	484628425	6	State Government-General Offices
Motor Vehicle Title & Rgstrtn	310 W Main St	Safford	AZ	85546-2351	447078882	5	State Government-Transportation Programs
Mountain View Terrace Apts	1901 W Pepper Tree Dr	Safford	AZ	85546-4025	537695546	1	Apartments
Movie Gallery	508 S 8th Ave	Safford	AZ	85546-2810	978757961	8	Video Tapes & Discs-Renting & Leasing
Mt Carmel Missionary Baptist	906 W Cholla Dr	Safford	AZ	85546-8312	534904131	3	Churches
Mt Graham Apartments	2040 S 20th Ave	Safford	AZ	85546-4028	900009374	1	Apartments
Mt Graham Archery	307 N 800 W	Pima	AZ	85543-0578	957755374	3	Archery Equipment & Supplies
Mt Graham Dental Assoc	1530 S 20th Ave	Safford	AZ	85546-4051	168620979	9	Dentists
Mt Graham Family Practice	2250 W 16th St	Safford	AZ	85546-4000	168621654	30	Physicians & Surgeons
Mt Graham Golf Club	4250 W Golfcourse Rd	Safford	AZ	85548-0592	557767894	5	Restaurants
Mt Graham Golf Course Pro Shop	4000 Golf Course Rd	Safford	AZ	85548-0592	957757230	4	Golf Equipment & Supplies-Retail

Mt Graham High School	300 W Discovery Park Blvd	Safford	AZ	85546-2967	368754495	20	Schools
Mt Graham Home Health	1600 S 20th Ave # E	Safford	AZ	85546-4097	211626692	35	Home Health Service
Mt Graham Market	1000 W Swift Trl	Safford	AZ	85546-9561	301521241	6	Service Stations-Gasoline & Oil
Mt Graham Mobile Home Works	5900 E Hancock Pl	Safford	AZ	85546-8900	900009473	2	Awnings & Canopies
Mt Graham Regional Medical Ctr	1600 S 20th Ave	Safford	AZ	85546-4011	463273805	520	Hospitals
Mt Graham Regional Medical Ctr	2115 W 16th St	Safford	AZ	85546-4015	236417648	6	Physicians & Surgeons
Mt Graham Supply	1362 W Thatcher Blvd	Safford	AZ	85546-3305	557767902	6	Plumbing Fixtures & Supplies-New-Retail
Mt Turnbull Sanitation	E US Highway 70	Bylas	AZ	85530-0225	377240031	12	Waste Disposal
Mulberry House	275 S Main St	Pima	AZ	85543-0428	564569598	6	Residential Care Homes
Gary L Muncy MD	2241 W 16th St	Safford	AZ	85546-4085	978757680	3	Physicians & Surgeons
NAPA Auto Parts	1575 W Thatcher Blvd	Safford	AZ	85548-0916	168620698	10	Automobile Parts & Supplies-Retail-New
National Guard	3625 S US Highway 191	Safford	AZ	85546-2249	413747221	35	State Government-National Security
Natural Resources Conservation	305 E 4th St	Safford	AZ	85546-2004	708892054	2	Federal Government-Conservation Depts
NCE Security Svc	610 W 8th St	Safford	AZ	85546-2807	846682573	3	Locks & Locksmiths
New Beginnings Church	1119 S 6th Ave	Safford	AZ	85546-9690	658260476	4	Churches

New Insulation Concepts	604 S Central Ave	Safford	AZ	85546-2721	396592610	4	General Contractors
New Life City Church	3754 S US Highway 191	Safford	AZ	85548-0836	900009648	3	Churches
New Testament Baptist Church	2501 S 1st Ave	Safford	AZ	85546-2211	413747130	1	Churches
New West Lending	711 E US Highway 70	Safford	AZ	85546-2007	394163059	6	Real Estate Loans
Next Alternative	201 1/2 E US Highway 70	Safford	AZ	85548-1081	557768181	2	Novelties-Retail
Not Just Furniture	3627 W Main St	Thatcher	AZ	85552-5643	612830331	4	Furniture-Dealers-Retail
Nutcracker Towing	86 S Main St	Pima	AZ	85543-1010	537693921	2	Wrecker Service
Nuttall's Towing LLC	308 S 7th Ave	Safford	AZ	85546-2643	420492548	3	Wrecker Service
Old West Trading Post	812 W Thatcher Blvd	Safford	AZ	85546-3132	413747387	1	Antiques-Dealers
Olney House Bed & Breakfast	1104 S Central Ave	Safford	AZ	85546-2432	998928956	2	Hotels & Motels
Open Loop Energy Inc	317 S 8th Ave	Safford	AZ	85548-0391	168256451	55	Hydraulic Equipment-Repairing
Open Loop Energy Repair Shop	1878 N Safford Bryce Rd	Safford	AZ	85546-9215	998386627	40	Fix-It Shops
Frank Oppong-Takyi MD	1496 S 20th Ave	Safford	AZ	85546-4052	236417663	3	Physicians & Surgeons
Ortega's Shoes	1944 W Thatcher Blvd	Safford	AZ	85546-3318	168621159	6	Shoes-Retail
Orthoshop-Tucson Safford Brnch	1970 W Thatcher Blvd	Safford	AZ	85546-3340	211626262	1	Mapping Services (Wholesale)

Our House Skin Care	965 W Castle Rd	Safford	AZ	85546-9295	957758626	2	Skin Treatments
Our Savior Lutheran School	295 W US Highway 70	Bylas	AZ	85530-0018	537696692	4	Schools
Owens Properties	615 W 7th St	Safford	AZ	85546-2804	447079021	4	Real Estate
Pace Gardens	2021 S 20th Ave	Safford	AZ	85546-4041	664460987	2	Nonclassified Establishments
Palomita Preschool	250 W 15th St	Safford	AZ	85546-2529	557767555	35	Child Care Service
Papa Ds Coffee	115 E US Highway 70	Safford	AZ	85546-2040	657195608	5	Coffee Shops
Papa John's Pizza	2065 W US Highway 70	Thatcher	AZ	85552-5445	374805042	20	Pizza
Parenting Arizona	1970 W Thatcher Blvd	Safford	AZ	85546-3340	568709133	6	Crisis Intervention Service
Party Plan-Hers	705 W 16th St	Safford	AZ	85546-3008	396771792	2	Party Supplies
Alkesh H Patel MD	1600 S 20th Ave	Safford	AZ	85546-4011	658260591	3	Physicians & Surgeons
Peck's Concrete	1914 W 45th St	Safford	AZ	85546-9641	846681906	2	Concrete Contractors
Pepsi-Cola Bottling Co	17 N 8th Ave	Safford	AZ	85548-1076	314859158	50	Soft Drink Products-Manufacturers
Peterbuilt Homes	PO Box 806	Pima	AZ	85543-0806	622202224	4	General Contractors
Phelps Dodge Mining Co	625 W Main St	Safford	AZ	85546-2823	557767993	72	Mining Companies
Philadelphia Church Of God	901 S Central Ave	Safford	AZ	85546-2456	557767225	3	Churches

Pima Dental	10190 Cottonwood Wash Rd	Pima	AZ	85543-9722	609762968	7	Dentists
Pima Elementary School	131 S Main St	Pima	AZ	85543-0429	403903073	35	Schools
Pima Head Start	310 S 200 E	Pima	AZ	85543-1083	969416213	10	Schools-Nursery & Kindergarten Academic
Pima High School	131 S Main St	Pima	AZ	85543-0429	168616803	25	Schools
Pima Justice Court	136 W Center St	Pima	AZ	85543-1159	403903081	4	County Government-Courts
Pima LDS Seminary	73 E 200 S	Pima	AZ	85543-0394	846766434	2	Theological Schools
Pima Pub N Grub	24 N Main St	Pima	AZ	85543-0534	306528225	1	Bars
Pima Public High Schools	132 S Main St	Pima	AZ	85543-0429	638122515	20	Schools
Pima Public Library	70 S 200 W	Pima	AZ	85543-0489	463274043	2	Libraries-Public
Pima Self Storage	167 W Highway 70	Pima	AZ	85543-1007	900010711	4	Storage-Household & Commercial
Pima Sign Art	203 E US Highway 70	Pima	AZ	85543-0029	900010646	1	Signs (Manufacturers)
Pima Town Hall	110 W Center St	Pima	AZ	85543-0426	463273318	9	City Government-Executive Offices
Pioneer Lodge	2919 W US Highway 70	Thatcher	AZ	85552-5610	311505812	4	Hotels & Motels
Pioneer Title Agency	500 S 20th Ave	Safford	AZ	85548-0020	211626312	8	Title Companies
Pizza Hut	1305 W Thatcher Blvd	Safford	AZ	85546-3304	168621225	31	Pizza

PLS Group Inc	1013 N College Ave	Thatcher	AZ	85552-2900	643427503	10	Engineers
Pollock's Western Outfitters	610 W 5th St	Safford	AZ	85546-2813	301521431	5	Western Apparel
Ponderosa Aviation Inc	4500 E Aviation Way # A	Safford	AZ	85546-9472	211626155	10	Aircraft Charter Rental & Leasing Svc
Porfi's Plumbing	714 S Valley Ave	Safford	AZ	85546-2058	957757784	1	Plumbing Contractors
Priority One Salon	517 S 5th Ave	Safford	AZ	85546-2728	972643431	8	Beauty Salons
Pro Home Inspections	712 W Relation St	Safford	AZ	85546-2935	658260211	1	Real Estate Inspection
Pro Office Equipment Inc	430 W Main St	Safford	AZ	85546-2725	900009812	4	Copying & Duplicating Machines & Supls
Propes General Contracting	1590 Cluff Ranch Rd	Pima	AZ	85543-0784	622202315	2	General Contractors
Quail Ridge Realty	2720 W Quail Ridge Dr	Thatcher	AZ	85552-4311	931906838	8	Home Builders
Quality Inn	420 E US Highway 70	Safford	AZ	85546-2046	900010232	50	Hotels & Motels
Quik Cash	1805 W Thatcher Blvd	Safford	AZ	85546-3314	227482296	4	Loans
Quintessential Thrift Store	514 W Main St	Safford	AZ	85546-2727	382331791	1	Thrift Shops
R & R Pizza Express	2646 W US Highway 70	Thatcher	AZ	85552-0469	957757776	17	Pizza
R J's Country Chem Dry	812 S Central Ave	Safford	AZ	85546-2455	957758485	4	Carpet & Rug Cleaners
Rainfire Beef Jerkey	4079 W Main St	Thatcher	AZ	85552-5657	256959412	1	Meat-Retail



Real Life Community Church	106 S 8th Ave	Safford	AZ	85548-0930	463274183	1	Churches
Red Lamp Mobile Home Park	3341 W Main St	Thatcher	AZ	85552-1046	168620607	1	Mobile Homes-Park Developers
Regency Medical Equipment	420 S 5th Ave	Safford	AZ	85546-2629	981783731	3	Hospital Equipment & Supplies (Whol)
Rene's Pampered Pooch	3922 S US Highway 191	Safford	AZ	85546-9619	232322826	1	Pet Washing & Grooming
Rent-A-Center	1916 W Thatcher Blvd	Safford	AZ	85546-3318	707251252	3	Furniture-Renting & Leasing
Reynolds Tire & Auto Ctr LLC	801 W Thatcher Blvd	Safford	AZ	85546-3131	846684991	10	Automobile Repairing & Service
Rhino Services LLC	300 West 29th St	Pima	AZ	85543-1052	584252738	1	Plumbing Contractors
Rhodes Construction & Supply	1420 S 1st Ave	Safford	AZ	85546-2134	168621373	9	General Contractors
Rhodes Enterprises	626 S 5th Ave	Safford	AZ	85546-2716	168621381	5	Air Conditioning Contractors & Systems
Richard's Music Co	615 S 5th Ave	Safford	AZ	85546-2715	168621399	3	Musical Instruments-Dealers
RMKA Construction	1413 S 5th Ave	Safford	AZ	85546-3028	622202323	4	General Contractors
Roadrunner Rehab	2290 W 16th St	Safford	AZ	85546-4081	236417580	11	Physical Therapists
Robyn's Nest	1982 W Thatcher Blvd	Safford	AZ	85546-3318	168618734	2	Florists-Retail
Rocking D Electric	424 W Main St	Safford	AZ	85546-2725	168621464	25	Electric Contractors
Rocking D Electric	6875 S Lonesome Ln	Safford	AZ	85546-8015	259293413	2	Electric Contractors

Rod's Auto Sales	3336 S US Highway 191	Safford	AZ	85546-2244	220163745	1	Automobile Dealers-Used Cars
Rodger's Custom Upholstery	724 S 6th Ave	Safford	AZ	85546-2842	393690094	600	Upholsterers
Ron Cox Builders	3020 W Shadow Ln	Thatcher	AZ	85552-5437	978759157	3	Home Builders
Roper Lake State Park	101 E Roper Lake Rd	Safford	AZ	85546-9217	846684538	6	Parks
Row N Rock	2711 W US Highway 70	Thatcher	AZ	85552-5647	622202257	15	Concrete Prods-Ex Block & Brick (Mfrs)
RSC Equipment Rental	1060 E US Highway 70	Safford	AZ	85546-8948	950975458	9	Rental Service-Stores & Yards
Rural Opportunities Of Az	PO Box 234	Solomon	AZ	85551-0234	469075519	5	Non-Profit Organizations
Ruth Powell School	1041 S 14th Ave	Safford	AZ	85546-3459	368752556	65	Schools
Safeway	2125 W US Highway 70	Thatcher	AZ	85552-5446	846682078	57	Grocers-Retail
Safford Auto Supply	700 W 5th St	Safford	AZ	85546-2815	301521167	4	Automobile Body Shop Equip/Supls (Whol)
Safford Bowl	410 E 4th St	Safford	AZ	85546-2027	168621605	10	Bowling Centers
Safford Builders Supl/Ace Hdwr	707 S 6th Ave	Safford	AZ	85546-2818	484630231	60	Hardware-Retail
Safford Carpet Svc	1542 E US Highway 70	Safford	AZ	85548-2005	846683092	19	Floor Materials
Safford Christian School	3616 S US Highway 191	Safford	AZ	85548-1074	420462517	12	Religious Schools
Safford Church Of Christ	3888 S US Highway 191	Safford	AZ	85546-2254	168618833	1	Churches

Safford City Animal Control	525 S 10th Ave	Safford	AZ	85546-3120	622203073	25	Government Offices-City, Village & Twp
Safford City Hall	717 W Main St	Safford	AZ	85548-0272	998929483	20	City Government-Executive Offices
Safford City Magistrate Court	717 W Main St	Safford	AZ	85548-0272	403899081	6	City Government-Courts
Safford City Manager	717 W Main St	Safford	AZ	85548-0272	447079229	35	City Government-Executive Offices
Safford Community Health Ctr	618 S Central Ave	Safford	AZ	85546-2721	638121558	3	Health Services
Safford Dance Academy	517 W Main St	Safford	AZ	85546-2726	168621696	12	Dancing Instruction
Safford Dental Clinic	102 W Main St	Safford	AZ	85546-2347	403899149	3	Dentists
Safford Feed & Pet Supply	203 E US Highway 70	Safford	AZ	85546-2064	846682680	3	Pet Boarding & Sitting
Safford Fire Dept Club Room	620 S 7th Ave	Safford	AZ	85546-2843	447079039	28	Fire Departments
Safford High School	1400 W 11th St	Safford	AZ	85546-3456	368749669	80	Schools
Safford Police Station	525 S 10th Ave	Safford	AZ	85546-3120	701742934	25	Police Departments
Safford Prison	896 S Cook Rd	Safford	AZ	85548-2222	403899214	485	State Govt-Correctional Institutions
Safford Public Library	808 S 7th Ave	Safford	AZ	85546-2944	638120899	16	Libraries-Public
Safford Public Works Yard	405 W Discovery Park Blvd	Safford	AZ	85548-0272	484628474	43	Parking Area/Lots Maintenance & Marking
Safford Ranch Mobile Home Park	3201 E US Highway 70	Safford	AZ	85546-9695	484629910	4	Mobile Homes-Park Developers

Safford Ranger Station	711 S 14th Ave	Safford	AZ	85546-3337	394163810	4	Government Offices-Us
Safford Shining Times Carwash	1441 W Thatcher Blvd	Safford	AZ	85546-3306	900009580	3	Car Washing & Polishing-Coin Operated
Safford Unified School	2013 S 8th Ave	Safford	AZ	85546-3056	368755211	48	Schools
Safford Unified Schools	734 W 11th St	Safford	AZ	85546-2968	368751012	27	Schools
Safford Villa Apartments	106 W 11th St	Safford	AZ	85546-2425	707304150	3	Apartments
Safford Water Reclamation Plnt	1395 W Reclamation Way	Safford	AZ	85546-3332	622203123	3	Government Offices-City, Village & Twp
Safford-Construction	2062 E Lone Star Rd	Safford	AZ	85548-0146	413747247	8	Government Offices-State
Sage Ceramics	417 W 7th St	Safford	AZ	85546-2705	652002502	7	Ceramic Equipment & Supplies
Sal's Market & Liquor Store	1224 S 8th Ave	Safford	AZ	85546-2958	168621829	2	Grocers-Retail
Sanders Wood Products Co	6762 W Center St	Thatcher	AZ	85552-0356	413748294	2	Stakes (Wholesale)
Santiago Silver Creek	1600 E US Highway 70	Safford	AZ	85546-9709	234333532	2	Mobile Homes-Park Developers
Sapphire Cineplex	1998 W Thatcher Blvd # B	Safford	AZ	85546-3343	584253090	5	Theatres-Movie
SAS Real Estate	121 W 5th St	Safford	AZ	85546-2321	957758675	4	Real Estate
Sassy Styles	1214 S 8th Ave	Safford	AZ	85546-2958	622202547	1	Beauty Salons
Scarborough & Sons Excavating	1249 S Caroline Ln	Safford	AZ	85546-2113	394162903	2	Excavating Contractors

Scarborough Pumping	3333 W 8th St	Thatcher	AZ	85552-5444	168621852	8	Septic Tanks
Schildhauer Center Counselor	612 S 5th Ave	Safford	AZ	85546-2716	369019203	1	Mental Health Services
Scrap-N-Etc	3888 W Main St	Pima	AZ	85543-0100	236418059	2	Scrapbook Albums & Supplies
Seacus	624 W Main St	Safford	AZ	85546-2824	584252316	5	Home Health Service
Seacus	822 W Main St	Safford	AZ	85546-2828	900010075	20	Home Health Service
Sehr's Security Svc	353 W Rawhide Ln	Safford	AZ	85546-7823	301521548	1	Locks & Locksmiths
Select Cleaners	628 S 8th Ave	Safford	AZ	85546-2830	168621886	12	Cleaners
Senior Citizen Ctr	822 W Main St	Safford	AZ	85546-2828	168621910	1	Senior Citizens Service
Seventh-Day Adventist Church	301 E Main St	Safford	AZ	85546-2053	584253926	2	Churches
Shepherd Of The Valley	3433 S Robinson Ave	Safford	AZ	85548-0827	557768108	4	Churches
Shepherd Of The Valley Church	2580 S 17th Ave	Safford	AZ	85548-0827	168623411	1	Churches
Sherman's Construction Co	241 W 20th St	Safford	AZ	85546-2518	846681260	1	General Contractors
Sixth Ave Hair Salon	616 S 6th Ave	Safford	AZ	85546-2817	403899156	1	Beauty Salons
Lynn W Skinner DDS	610 S 6th Ave	Safford	AZ	85546-2817	707843074	4	Dentists
Sky Island Svc Inc	2250 S Montierth Ln	Safford	AZ	85546-9414	506442839	2	Communications Equipment Nec (Mfrs)

Small Business Development Ctr	615 N Stadium Ave	Thatcher	AZ	85552-5545	394163570	2	Schools-Universities & Colleges Academic
Smart Style Family Hair Salon	755 S 20th Ave	Safford	AZ	85546-3322	390904332	5	Beauty Salons
Smith & Bell Construction Inc	1712 N 8th Ave	Safford	AZ	85546-8920	900009770	15	Ready-Mixed Concrete-Manufacturers
Smith & Taylor Automotive Inc	415 S 8th Ave	Safford	AZ	85546-2654	622202489	10	Automobile Repairing & Service
Smith Chiropractic	3056 W Main St	Thatcher	AZ	85552-5607	557769320	2	Chiropractors Dc
Glade M Smith DDS	1475 S 20th Ave	Safford	AZ	85546-4053	707920013	4	Dentists
Smiths' Auto Repair	102 W 5th St	Safford	AZ	85546-2322	357267616	2	Automobile Repairing & Service
Snap-On Tools	374 E Calle DE Buena Vis	Safford	AZ	85546-7916	234108058	3	Tools-Hand
Sodexho Inc	1014 N College Ave	Thatcher	AZ	85552-0761	584253934	13	Food Service-Management
Solomon Public School	2250 S Stevens Ave	Solomon	AZ	85551-0167	168622926	24	Schools
Sonic Drive-In	2241 W US Highway 70	Thatcher	AZ	85552-5448	584253942	40	Restaurants
Souder Miller & Assoc	1124 W Thatcher Blvd # 99	Safford	AZ	85546-3105	900009895	6	Engineers-Environmental
Source	1122 W Thatcher Blvd	Safford	AZ	85546-3138	311505895	2	Printers (Mfrs)
Southeastern Arizona Bhvrl	1615 S 1st Ave	Safford	AZ	85546-2103	367393790	50	Youth Organizations & Centers
Southeastern Arizona Consumer	803 W Thatcher Blvd	Safford	AZ	85546-3131	638120931	3	Nonclassified Establishments

Southeastern Arizona Seacap	283 W 5th St	Safford	AZ	85546-2324	846683324	24	Social Service & Welfare Organizations
Southwestern Eye Ctr	2242 W 16th St	Safford	AZ	85546-4081	447078858	8	Optical Goods-Retail
Sparkletts Water	1876 S Robinson Ranch Rd	Thatcher	AZ	85552-0699	306528191	4	Water Companies-Bottled, Bulk, Etc
Sparks Homestore	2281 E US Highway 70	Thatcher	AZ	85552-0700	658260138	4	Stereophonic & High Fidelity Equip-Dlrs
Sparks Homestore	3392 W US Highway 70	Thatcher	AZ	85552-0700	658260682	2	Ranges & Stoves-Dealers
St Andrew Baptist Church	795 S 1st Ave	Safford	AZ	85548-0428	846680262	1	Churches
St Hilaire Upholstery	207 S 8th Ave	Safford	AZ	85546-2650	359641792	1	Upholsterers
St Rose Of Lima Catholic Chr	311 S Central Ave	Safford	AZ	85546-2655	168622116	2	Churches
St Vincent De Paul	311 S Central Ave	Safford	AZ	85546-2655	263171076	8	Non-Profit Organizations
Stage	2157 W US Highway 70 # B	Thatcher	AZ	85552-5527	259899102	15	Department Stores
Stallings & Long Realty Svc	3915 W Main St	Thatcher	AZ	85552-5615	638121921	1	Real Estate
Gregg P Standage MD	1515 S 20th Ave	Safford	AZ	85546-4009	902880616	3	Physicians & Surgeons
State Farm Insurance	404 W Main St	Safford	AZ	85546-2725	622202679	3	Insurance
Steve's Self Storage	4745 W US Highway 70	Thatcher	AZ	85552-5504	557769221	1	Storage-Household & Commercial
Stevens Chiropractic Clinic	520 S 11th Ave	Safford	AZ	85546-3149	708272034	2	Chiropractors Dc

Stewart Title Guaranty Co	811 W Court St S	Safford	AZ	85548-0748	584253108	11	Title Companies
SUBWAY	750 S 8th Ave	Safford	AZ	85546-2832	900010596	7	Restaurants
SUBWAY	2051 W US Highway 70	Thatcher	AZ	85552-5445	638121129	13	Restaurants
Sun Pumps	325 E Main St	Safford	AZ	85546-2053	537695736	10	Pumps (Wholesale)
Sunrise Homes	2509 W US Highway 70	Thatcher	AZ	85552-5489	236417929	2	Mobile Homes-Transporting
Sunrise Village Mobile Home	900 E Hollywood Rd	Safford	AZ	85546-9693	447078585	1	Mobile Homes-Park Developers
Sunset Designs	417 W Main St	Safford	AZ	85548-1548	219965670	1	Cellular Telephones (Services)
Sunset Gardens Senior Care	1766 N Sunset Blvd	Safford	AZ	85546-9453	622202620	8	Residential Care Homes
Sunshine Valley Apartments	1901 S 20th Ave	Safford	AZ	85546-4030	168621506	4	Non-Profit Organizations
Super 8	1578 W Thatcher Blvd	Safford	AZ	85546-3309	301521480	8	Hotels & Motels
Super Stop	1780 W Thatcher Blvd	Safford	AZ	85546-3313	652283227	7	Service Stations-Gasoline & Oil
Super Stop	3775 W Main St	Thatcher	AZ	85552-5670	259293876	6	Service Stations-Gasoline & Oil
Super Wok	1275 W Thatcher Blvd	Safford	AZ	85546-3302	463273870	6	Restaurants
Symm Consultation	PO Box 1433	Safford	AZ	85548-1433	658260708	3	Real Estate
T A's Specialties	220 W 5th St	Safford	AZ	85546-2325	981783723	2	Automobile Repairing & Service



Taco Bell	2267 W US Highway 70	Thatcher	AZ	85552-5448	846682474	20	Restaurants
Taco Taste	1827 W Thatcher Blvd	Safford	AZ	85546-3314	168622215	12	Restaurants
Taylor Freeze	225 W Center St	Pima	AZ	85543-0932	236417812	15	Restaurants
Thatcher Building Supply	2910 W US Highway 70 # C	Thatcher	AZ	85552-5662	420542987	6	Hardware-Retail
Thatcher City Hall	3700 W Main St	Thatcher	AZ	85552-0670	168623593	36	City Government-Executive Offices
Thatcher Police Dept	3700 W Main St	Thatcher	AZ	85552-0670	447078833	11	Police Departments
Thatcher Public Schools	PO Box 610	Thatcher	AZ	85552-0610	514354760	40	Schools
Thatcher Unified School Dist	3625 W 2nd St	Thatcher	AZ	85552-0610	900009275	10	Schools
Thiessen Surveying Svc	3592 W Main St	Thatcher	AZ	85552-5680	557768199	1	Surveyors-Land
Thriftree Food & Drug-IGA	755 S Central Ave	Safford	AZ	85546-2722	403898786	120	Grocers-Retail
Tones Concrete Staining	1366 W Saguaro St	Safford	AZ	85546-9355	622202240	12	Concrete Prods-Ex Block & Brick (Mfrs)
Tonis Kitchen	1922 W Thatcher Blvd	Safford	AZ	85546-3318	420469751	7	Restaurants
Touch Of Class Inc	2045 W US Highway 70	Thatcher	AZ	85552-5445	168622355	6	Beauty Salons
Tour Rest Motel	110 W 5th St	Safford	AZ	85546-2322	168622363	1	Hotels & Motels
Tower Mobile Park/PENDER'S Rv	2056 E US Highway 70 # 69	Safford	AZ	85546-9239	168622371	3	Mobile Homes-Park Developers

Transportation Dept-Highway	Highway 191 & 32nd St	Safford	AZ	85548-0010	484628417	8	State Government-Transportation Programs
Transportation-Highway Mntnc	3268 S US Highway 191	Safford	AZ	85546-2242	413747254	12	Road Building Contractors
Tri County Materials Inc	3215 S US Highway 191	Safford	AZ	85548-0789	168620904	45	Ready-Mixed Concrete-Manufacturers
Tri-County Bail Bonds	624 S 5th Ave	Safford	AZ	85546-2716	530776517	1	Bonds-Bail
Triangle Liquor	800 W Thatcher Blvd	Safford	AZ	85546-3164	311505887	4	Liquors-Retail
Trinity Landscaping & Supply	2281 W US Highway 70	Thatcher	AZ	85552-5448	584253124	10	Landscape Contractors
Triumphant Learning Ctr	201 E Main St	Safford	AZ	85546-2051	931906796	24	Schools
Trophies 'n Tees	513 W Main St	Safford	AZ	85546-2726	168622553	11	T-Shirts-Retail
Trueline Engineering	609 S 5th Ave	Safford	AZ	85546-2715	484629332	8	Engineers-Consulting
Turner Lawn Care Inc	80 N Main St	Pima	AZ	85543-1021	590864229	1	Lawn & Grounds Maintenance
Tuttie's American Club	503 W Main St	Safford	AZ	85546-2726	557768207	4	Bars
U Of A-Mt Graham Observatory	1480 W Swift Trl	Safford	AZ	85546-8053	846682045	10	Observatories
U-Haul Co	806 W Thatcher Blvd	Safford	AZ	85546-3132	658259973	2	Truck Renting & Leasing
U-Haul Co	4047 W Main St	Thatcher	AZ	85552-5657	447079260	3	Truck Renting & Leasing
University Of Arizona	2134 S Montierth Ln	Safford	AZ	85546-9413	957757040	6	Schools-Universities & Colleges Academic

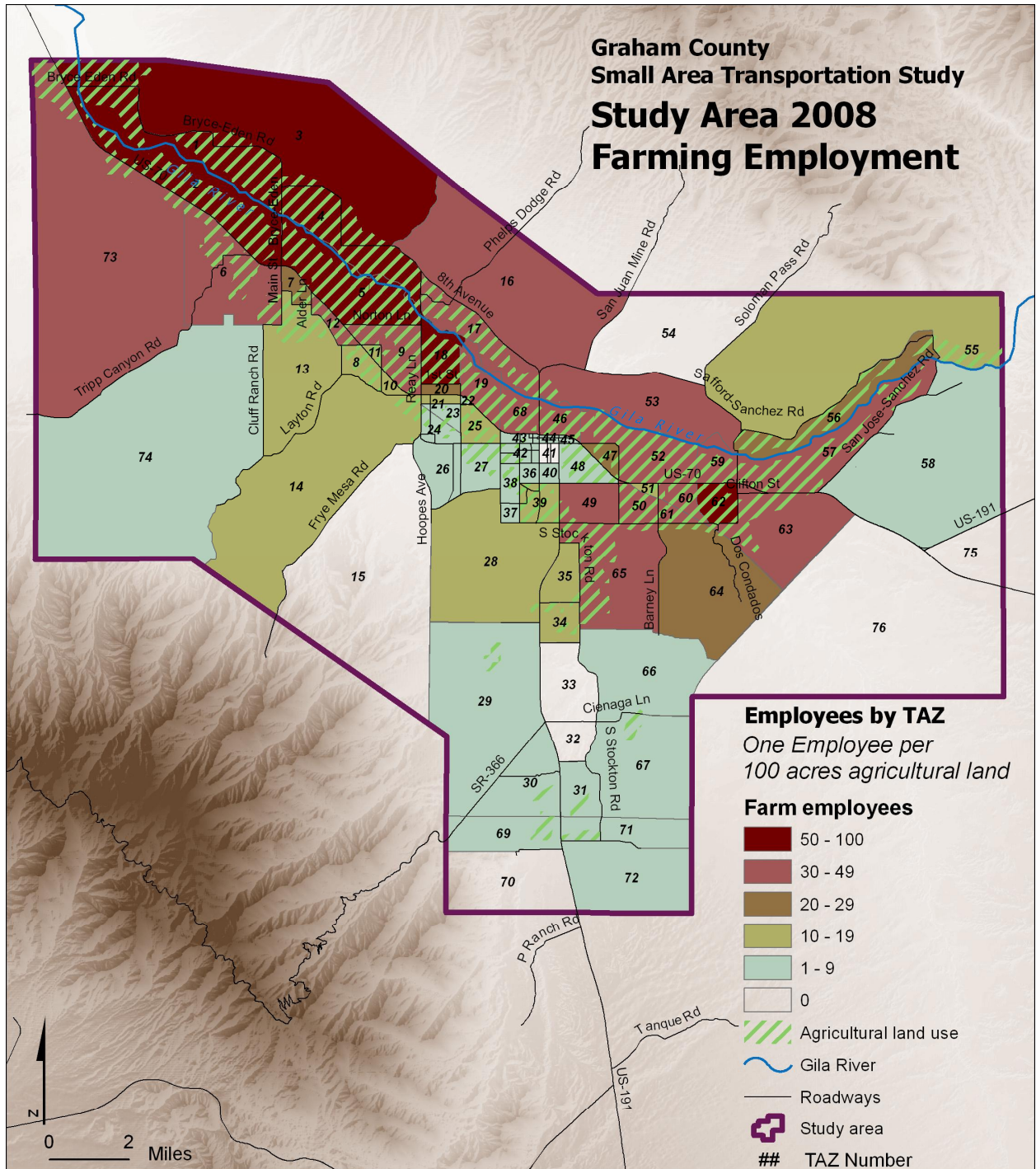
UPS Store	1910 W Thatcher Blvd	Safford	AZ	85546-3365	978757490	4	Mailing & Shipping Services
US Army Recruiting	1906 W Thatcher Blvd	Safford	AZ	85546-3342	900009309	4	Recruiting-Us Armed Forces
US Forest Svc Warehouse	111 W 9th St	Safford	AZ	85546-2448	484628516	19	Government-Forestry Services
US Land Management Bureau	711 S 14th Ave	Safford	AZ	85546-3337	708877287	60	Federal Government-Conservation Depts
US Post Office	PO Box 9998	Central	AZ	85531-9998	484628433	4	Post Offices
US Post Office	15566 W US Highway 70	Fort Thomas	AZ	85536-9998	846766350	4	Post Offices
US Post Office	41 E Center St	Pima	AZ	85543-9996	846766632	3	Post Offices
US Post Office	504 S 5th Ave	Safford	AZ	85546-2719	708939806	24	Post Offices
US Post Office	2106 S Bowie Ave	Solomon	AZ	85551-9998	846682912	2	Post Offices
US Post Office	1122 N Stadium Ave	Thatcher	AZ	85552-5609	846680205	6	Post Offices
Val's Furniture & Appliance	3670 W Main St	Thatcher	AZ	85552-0700	447079195	15	Furniture-Dealers-Retail
Valerie Unique Gifts	515 S 5th Ave	Safford	AZ	85546-2728	629786062	1	Gift Shops
Valley Apartments LLC	2807 S 12th Ave	Safford	AZ	85546-3841	168622470	1	Apartments
Valley Auto Wrecking Inc	990 S Reay Ln	Thatcher	AZ	85552-3000	168623619	6	Automobile Parts-Used & Rebuilt (Whol)
Valley Furniture	368 E Armory Rd	Safford	AZ	85546-4204	957757164	9	Furniture-Dealers-Retail

Valley Telephone Co Op	1450 W Thatcher Blvd	Safford	AZ	85546-3307	990948648	3	Television-Cable & Catv
Vehicle Verification	310 W Main St	Safford	AZ	85546-2351	537696387	1	Government Offices-State
Veterans Of Foreign Wars	3481 W 8th St	Thatcher	AZ	85552-4414	168623668	4	Veterans' & Military Organizations
Victory Christian Book Store	555 E Entertainment Ave	Safford	AZ	85546-2072	622202760	10	Book Dealers-Retail
Vision Source-Safford	620 S Central Ave	Safford	AZ	85546-2692	209186600	5	Optometrists Od
Vista Recycling	114 W 8th St	Safford	AZ	85546-2329	309518397	22	Garbage Collection
Vocational Rehabilitation	1938 W Thatcher Blvd	Safford	AZ	85546-3318	484628391	3	State Government-Social/Human Resources
Volvo Rents	2574 W US Highway 70	Thatcher	AZ	85552-5472	658260724	6	Rental Service-Stores & Yards
Wal-Mart	755 S 20th Ave	Safford	AZ	85546-3322	236417440	4	Department Stores
Wal-Mart Portrait Studio	755 S 20th Ave	Safford	AZ	85546-3322	360457691	2	Photographers-Portrait
Wal-Mart Portrait Studio	2281 W US Highway 70	Thatcher	AZ	85552-5448	584253983	290	Photographers-Portrait
Wal-Mart Vision Ctr	755 S 20th Ave	Safford	AZ	85546-3322	236417986	4	Optical Goods-Retail
Walgreens	1995 W Thatcher Blvd	Safford	AZ	85546-3316	253656631	15	Pharmacies
Walneck's Safford Sewing Ctr	302 W 5th St	Safford	AZ	85546-2326	311505796	2	Vacuum Cleaners-Household-Dealers
Walters & Walters	1306 Santa Fe St	Safford	AZ	85546-3735	237002134	2	Publishers (Mfrs)

Ward Custom Builders	PO Box 575	Thatcher	AZ	85552-0575	658260542	4	General Contractors
Warren's Painting & Cleaning	4101 W Dry Gulch Dr	Thatcher	AZ	85552-1600	658260427	1	Painters
Washtub Laundromat	1920 W Thatcher Blvd	Safford	AZ	85546-3318	846679975	3	Laundries
Water Depot	1455 W Thatcher Blvd	Safford	AZ	85546-3306	484628920	4	Water Companies-Bottled, Bulk, Etc
We Care Crisis Pregnancy Svc	101 W Main St	Safford	AZ	85546-2346	998928717	1	Pregnancy Counseling Svc & Information
Dall E Weech DDS	810 W 8th St	Safford	AZ	85546-3109	420452864	4	Dentists
Wells Pump & Supply All Major	4500 E Wells Rd	Safford	AZ	85548-0045	622202513	1	Water Well Drilling & Service
Western Auto Home Store	520 W 5th St	Safford	AZ	85546-2712	168622595	4	Automobile Parts & Supplies-Retail-New
Western Technologies Inc	413 S 8th Ave	Safford	AZ	85546-2654	658260351	2	Motion Picture Technicians
Whiting Station 184	2211 W US Highway 70	Thatcher	AZ	85552-5448	168622280	6	Service Stations-Gasoline & Oil
WSK Management	1491 W Thatcher Blvd	Safford	AZ	85546-3362	557768223	9	Business Management Consultants
Wyatt Palmer PC	3136 W Main St	Thatcher	AZ	85552-5659	232322818	2	Attorneys
X Treme Steam	3333 W 8th St	Thatcher	AZ	85552-5444	661034751	3	Nonclassified Establishments
Yentsch Concrete LLC	335 E Old Country Club Rd	Safford	AZ	85546-9530	371692195	10	Concrete Contractors

## APPENDIX B: Farm Employment

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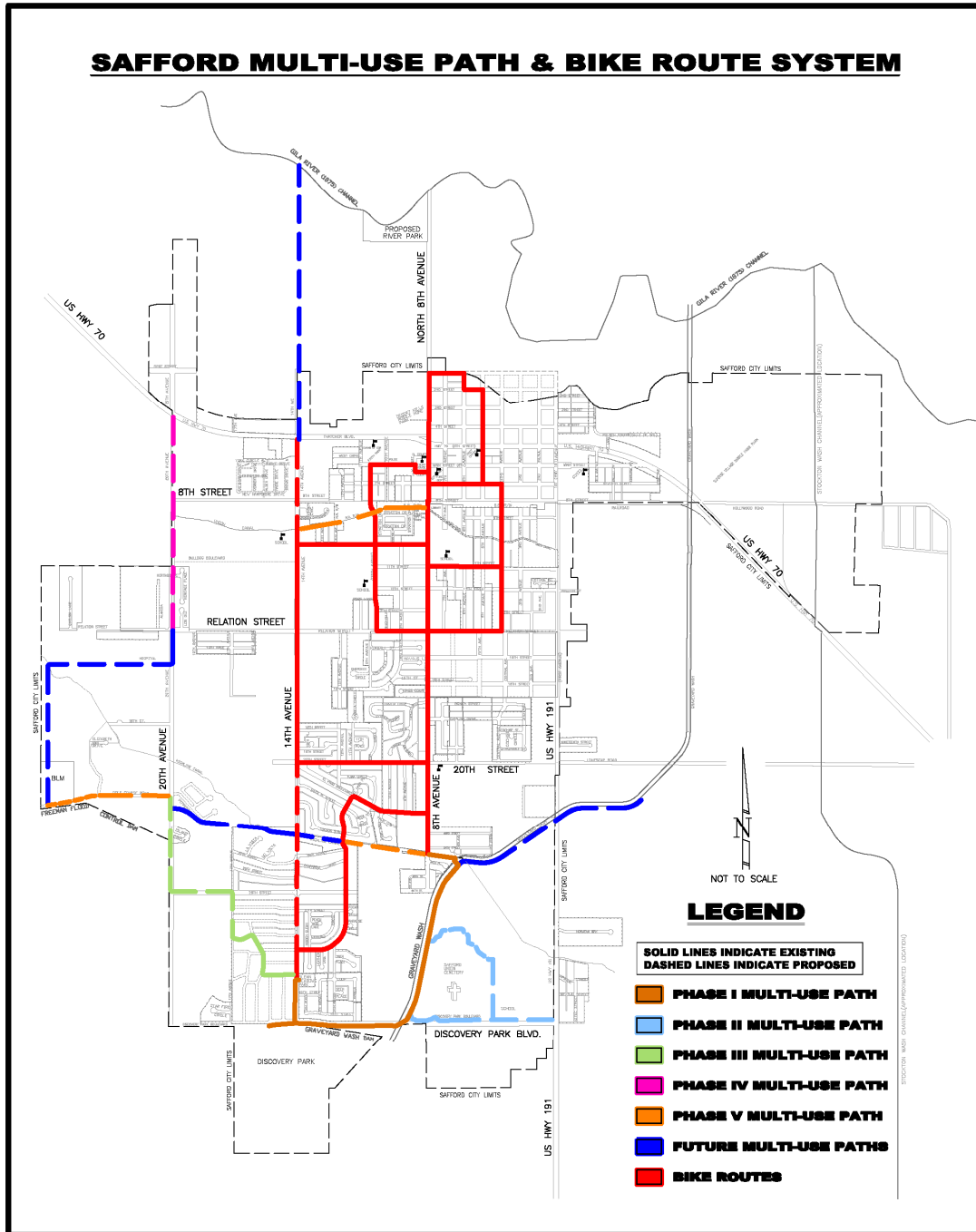
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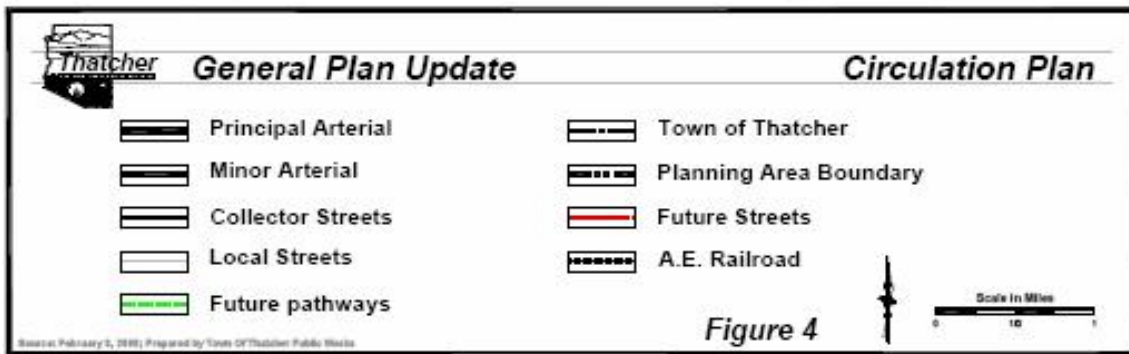
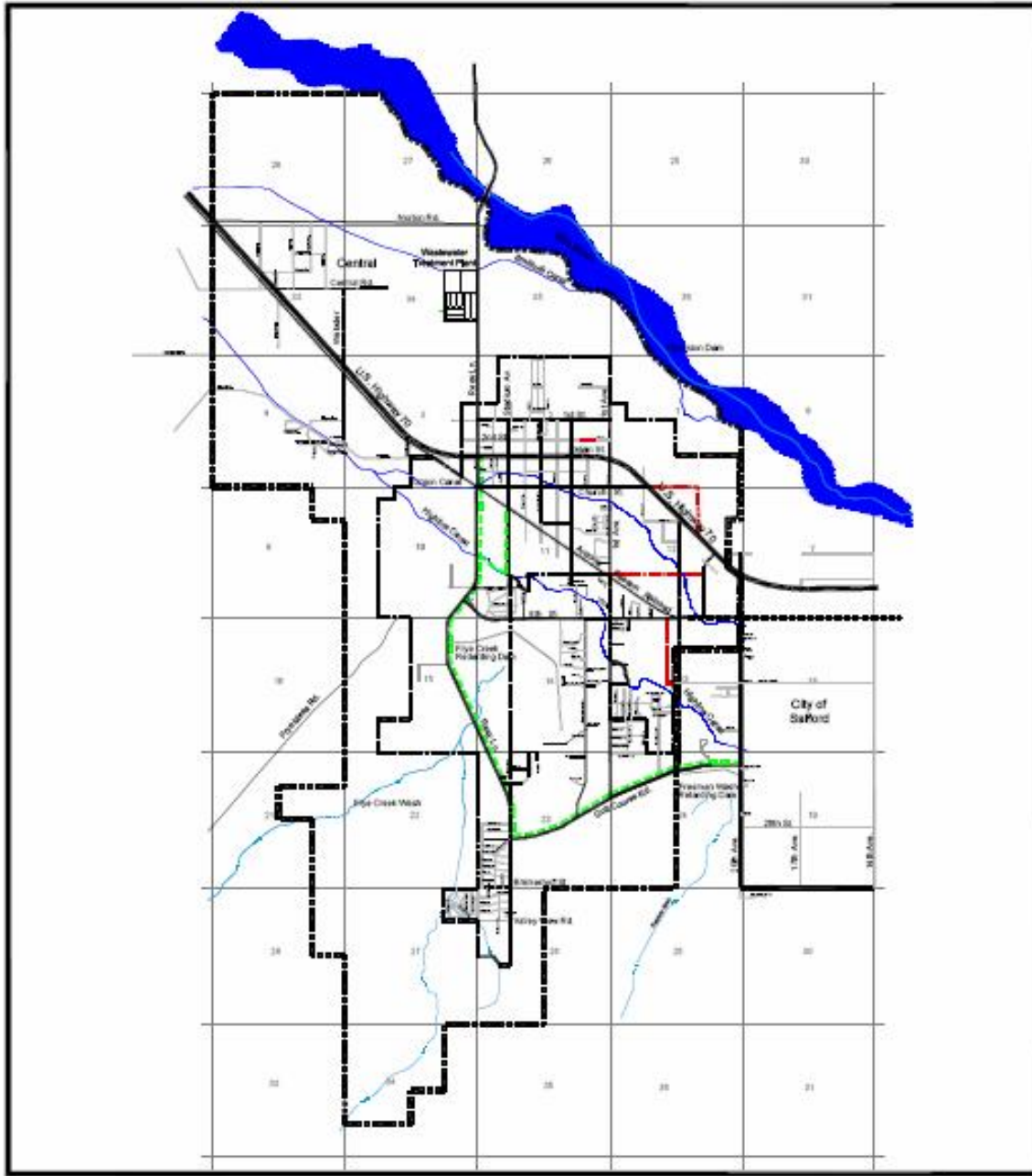
TAZ	FARM EMPLOYMENT (2008)		TAZ	FARM EMPLOYMENT (2008)
1	56		40	5
2	90		41	0
3	62		42	7
4	59		43	5
5	74		44	2
6	36		45	8
7	29		46	37
8	19		47	21
9	46		48	8
10	16		49	31
11	16		50	39
12	45		51	19
13	16		52	48
14	18		53	32
15	0		54	0
16	35		55	17
17	37		56	20
18	62		57	46
19	34		58	5
20	24		59	45
21	19		60	43
22	9		61	31
23	8		62	50
24	8		63	37
25	12		64	27
26	6		65	30
27	6		66	2
28	10		67	2
29	1		68	30
30	3		69	3
31	4		70	0
32	0		71	4
33	0		72	1
34	12		73	48
35	15		74	2
36	7		75	0
37	5		76	0
38	6			
39	11		TOTAL	1,621



## APPENDIX C: Area Bike and Multiuse Plans

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**FIGURE 8-3  
BICYCLE ELEMENT**

Lima & Associates

1998 Graham County Transportation Plan - Page 81

## APPENDIX D: Graham County 1998 SATS Project List

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Graham County 1998 SATS Project List  
TAC reference of Status of projects for 2007 SATS

1999 to 2005 Completed

- 8<sup>th</sup> Ave Bridge Reconstruction (underway, funding obtained) \$ 13,000,000 BR
- 20<sup>th</sup> Ave improvements including 8<sup>th</sup> St intersection (sidewalk-enhancement left) \$2,235,000 Safford
- 14th Ave, 18th St to 10th St connection (completed all the way to 20<sup>th</sup> St) \$295,000 Safford

1999 to 2005 Not Completed

- 8<sup>th</sup> Ave/Airport Road/Safford Bryce Road intersection (\$310,000) Safford check HES funds
- 20<sup>th</sup> Ave improvements including 8<sup>th</sup> St intersection (complete sidewalk) Enhancement underway – Safford

2006 to 2010 Completed

- US 191 from I-10 to US 70 (partial, funding obtained and in 5 year program) \$23,000,000 ADOT
- US 70/Lone Star road intersection \$111,000 ADOT
- 8<sup>th</sup> Ave Extension to 32<sup>nd</sup> St. \$2,530,000 Safford
- US 191/366 intersection \$115,000 ADOT
- Fort Grant Rd paving (1/2 done) \$1,400,000 County
- Cluff Ranch Road construction (over ½ done) \$475,000 County
- Marijilda Wash Crossing (paved only) \$395,000 County

2006 to 2010 Not Completed

- US Relief route including US 70/ Reay Lane Regional
- Us 191 from I-10 to US 70 (in 5 year program) ADOT
- Fort Grant Rd paving (completed other 1/2) County
- Cluff Ranch Road construction (complete rest) County
- Marijilda Wash Crossing (complete rest for improvements) County

2011 to 2020 Completed

- South Access Route (Connector) improvement from 45<sup>th</sup> to 50<sup>th</sup> (\$4,800,000) County
- 14<sup>th</sup> Ave extension to Discovery Park (1/4 mile left) \$4,800,000 Safford
- Stockton Rd improvements (1 mile to go) \$635,000
- San Jose Rd improvements (1/2 done) 2,400,000 County – HES funds
- Loan Star improvements (overlay completed) \$1,400,000 County

2011 to 2020 Not Completed

- South Access Route (Connector) (Environmental issues-study underway) (\$4,800,000) County
- Cottonwood Wash Connection (\$2,400,000) County
- San Jose Rd improvements (completed other 1/2) County-Safety

- Stockton Rd improvements (complete 1 mile) \$635,000 County
- 14<sup>th</sup> Ave extension to Discovery Park (complete 1/4 mile) \$4,800,000 Safford
- Main Street improvements (development to improve) \$2,400,000 Developer
- Loan Star Road improvements (\$1,400,000) County

Can't find Solomon Road reference as to what improvements were recommended for \$7,040,000

## APPENDIX E: Public Involvement #1



### **GRAHAM COUNTY SMALL AREA TRANSPORTATION STUDY Public Involvement Summary – Meeting #1 August 7, 2008**

#### 1) OVERVIEW

ADOT and Graham County hosted an open house for the Small Area Transportation Study (SATS) on August 7, 2008 at the Graham County General Services building in Safford. The purpose of the meeting was to present an overview of the study and summary of the existing and future population, employment and traffic characteristics of the region. Future work tasks and the project schedule were also presented. The meeting was intended to be informative while gathering public input on important community issues to be considered during the study. Study team members were present during the meeting to answer questions and to collect comment letters.

#### 2) NOTIFICATION

The meeting advertisement was published in Eastern Arizona Courier newspaper both on Sunday, August 3, 2008 and Wednesday, August 6, 2008. The advertisement outlined the purpose of the meeting and also provided contact information for the project management team.

#### 3) MEETING DETAILS

There were 23 attendees at the public meeting, many of whom contributed comments. The concerns expressed were focused on traffic safety, street connectivity, and creating a livable community. Attendees were encouraged to leave comments either during the meeting or later within two weeks from the meeting either through mail, email or fax. The comments are summarized below and included verbatim in the Appendix.

#### 4) COMMENT SUMMARY

##### **Traffic Safety**

Traffic safety issues, particularly inadequate roadway lighting, absence of traffic control devices such as stop signs, traffic signals and street lightings were the primary concerns for the area residents. Specific comments were:

- A signalized intersection at Reay Ln and US 70,
- A signalized intersection at Lone Star Ln and US 191, and
- A stop sign at the intersection of 11<sup>th</sup> Ave and 8<sup>th</sup> St
- Lighting improvements at the intersection of Relation St and US 191

##### **Street Connectivity**

Connectivity of streets was another concern for residents. Some of the public meeting attendees indicated a need for an extension of certain streets to provide connection to a nearby street and also for new corridors to enhance mobility. Specific comments were

- 8<sup>th</sup> Street extended west to connect to Cluff Ranch Rd



- Central Rd and US 70 connect to Cluff Ranch Rd

***Livable Environment***

Walkable environment especially for kids who walk to school and recreation centers is a main concern for some of the residents. Specific comments to improve pedestrian safety were:

- Providing sidewalks on:
  - Relation St,
  - 8<sup>th</sup> Ave,
  - 14<sup>th</sup> Ave,
  - 20<sup>th</sup> Ave,
  - 8<sup>th</sup> St, and
  - 20<sup>th</sup> St
- Stop sign at 11<sup>th</sup> Ave. and 8<sup>th</sup> St, and
- Pedestrian signals

Congestion and corresponding noise and air pollution was also identified as an issue. Increasing capacity of major roads such as US 191 from Lebanon Rd to Artesia Rd was suggested to enhance the livable environment in adjacent communities.

## COMMENT RESPONSE

The following section contains the complete comments received from the attendees of Public Meeting #1.

- On Central Road and Hwy 70 make a road to Cluff Ranch Road.
- I would like to see 8<sup>th</sup> Street extended west to connect to Cluff Ranch Road.
- A stop light is needed at Reay Ln and Hwy 70.
- Need lights on Relation and 191.
- I see some areas where there could be improvements made that would make it safer to walk:
  - Sidewalks in Safford – Relation, 8<sup>th</sup> Ave., 14<sup>th</sup> Ave., 20<sup>th</sup> Ave., 8<sup>th</sup> St., 20<sup>th</sup> St. – these are major cross roads for school aged kids.
  - Stop light at Lone Star and Hwy 191 – kids of all ages are crossing here.
  - Stop sign at 11<sup>th</sup> Ave. and 8<sup>th</sup> St. in Safford – kids cross here in summer to go to the pool.
- 191 S. should be 5 lanes to Artesia Road or further – that would allow many residents along the stretch of 191 S. of Swift Trail to continue to live in their homes – 4 lane divided hwy in that area does not appear to be needed – 5 lanes will meet the need.
- E Swift Trail and Cienaga Ln is showing capacity being exceeded. This does not seem to reflect reality. Cienaga goes no where.
- Stockton north of Artesia is exceeded and Quail Trail is exceeded but a connection in between is not.
- Why is E Swift Trail/Cienaga Ln marked as over capacity in 12 years?

## APPENDIX F: Public Involvement #2



### **GRAHAM COUNTY SMALL AREA TRANSPORTATION STUDY Public Involvement Summary – Meeting #2 April 28, 2009**

#### 1) OVERVIEW

Graham County and ADOT hosted an open house for the Small Area Transportation Study (SATS) on April 28, 2009, at the Graham County General Services Building in Safford. The purpose of the meeting was to present the evaluation plan and recommended projects. Display boards detailing recommended motorized and non-motorized projects in 2013, 2018 and 2023 were available. Several TAC members were also present to answer questions from the public and collect comment letters.

#### 2) NOTIFICATION

A meeting advertisement was published in the Eastern Arizona Courier newspaper on Wednesday, April 22, 2009. The advertisement outlined the purpose of the meeting and also provided contact information for the project management team. Attendees were encouraged to leave comments either during the meeting or later within two weeks from the meeting either through mail, email or fax.

#### 3) MEETING DETAILS

There were 8 attendees at the public meeting.

#### 4) COMMENT SUMMARY

No comments were made or collected.

