

**NOTICE OF THE REGULAR MEETING OF THE
THATCHER TOWN COUNCIL
November 19, 2018**

Pursuant to A.R.S. 38 431.02, notice is hereby given to the members of the Town Council of the Town of Thatcher and the general public that the Town Council will hold **its Regular Meeting that is open to the public on November 19, 2018 beginning at 6:00 PM., in the Council Chambers, Thatcher Town Hall, located at 3700 West Main Street, Thatcher, Arizona.**

AGENDA

1. Welcome and Call Meeting to Order.
2. Pledge of Allegiance.
3. Roll Call.
4. **PUBLIC HEARING:**
5. **OPEN CALL TO THE PUBLIC:**

Anyone wishing to address the Council on an issue not on the agenda is allowed to speak at this time. Comments are limited to 5 minutes and the Council may only direct staff to study the matter, respond to criticism or schedule the matter for a future meeting.

6. **PUBLIC APPEARANCES:**
7. **CONSENT AGENDA:** Action Item
 - A. Approve minutes of the October 15, 2018 Regular Council Meeting.
 - B. Planning and Zoning Monthly Report.
 - C. Police Monthly Report.
 - D. Approval of Invoices.
 - E. Financial Reports.
8. **OLD BUSINESS:** Discussion, consideration and possible action
9. **NEW BUSINESS:** Discussion, consideration and possible action
 - A. **RESOLUTION NO. 677-2018:** A RESOLUTION OF THE MAYOR AND COUNCIL OF THE TOWN OF THATCHER, GRAHAM COUNTY, ARIZONA, DECLARING AS A PUBLIC RECORD THAT

CERTAIN DOCUMENT FILED WITH THE TOWN CLERK AND ENTITLED GRAHAM COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN

- B. Graham County Community Transportation Project – Easter Seals Blake Foundation
- C. New Thatcher Logo Discussion
- D. Purchase of Real Property
- E. Planning & Zoning Member Appointment
- F. Board of Adjustment Member Appointment

10. INFORMATIONAL ITEMS:

- A. Town Manager’s Report
- B. Fire Department Report
- C. Police Department Report
- D. Council Reports

11. FUTURE AGENDA ITEMS

12. ADJOURNMENT

The agenda may be inspected at the Thatcher Town Hall, 3700 W. Main Street, Thatcher, Arizona. All individuals addressing the Council shall limit their presentations or comments to 5 minutes or less and no more than twice on any one subject.

Handicapped individuals with special accessibility needs may contact Tom Palmer, ADA Coordinator the Town of Thatcher, at (928) 428-2290. If possible, such requests should be made 72 hours in advance.

Posted by: _____

Date:Time:_____

**MINUTES OF THE REGULAR MEETING OF THE
THATCHER TOWN COUNCIL
October 15, 2018**

Council Present: Mayor Rivera, Councilman Larson, Councilman Bryce, Councilman Rapier, Councilwoman Smith, Councilman Welker

Council Absent: Vice Mayor Allen

Staff Present: Town Manger Heath Brown, Town Attorney Matt Clifford, Town Engineer Tom Palmer, Police Chief Shaffen Woods, Fire Chief Mike Payne, Deputy Clerk Michelle Mortensen, Street Supervisor Tommy Nicholas, Engineer Tech Gary Allred, Town Magistrate Ned Rhodes

Visitors: Ward Weaver, Jenny Howard, Esther Romero, Scott Lee, Jon Johnson, David Sowders, Mike Spafford, Cindy Spafford

AGENDA

1. Welcome and Call Meeting to Order by Mayor Rivera at 6:00. I would like to welcome everyone to our monthly meeting. For those of you who are here for the rezone, it has been pulled. He stated that we do have a quorum and God bless our men and women in the armed forces, our border patrol, our first responders, fire and police, and our custom agents.
2. Pledge of Allegiance led by Tom Palmer
3. **PUBLIC HEARING:**

None
4. **OPEN CALL TO THE PUBLIC:**

Cindy Spafford stated she lives on Pheasant Lane and we are here because we are concerned about the drainage behind our homes. My rain gauge measured four inches. We are concerned about the culvert that runs under the road and where it passes behind our house. If that culvert got overwhelmed again it would either come across the road or the gully behind me will continue to widen and eventually undermine my block wall. Mayor Rivera stated that we do have plans to put in a bigger box culvert. Mr. Brown stated that it is our goal to have that in before next monsoon season. Mrs. Spafford asked if that would address the gully as well. Mr. Brown explained that there is some material that we can put down there that won't erode.

Scott Lee stated that I have been involved in the rezone issue of Tom Palmer. Thank you for the job that you do. The process we have recently been through has been very instructive and eye opening to the process. It has been a refresher for the angst for the things that you

have to deal with. I believe that we live in the greatest nation. The process that we go through is what we just went through, and I believe is the American dream. I just want to express my appreciation for what you do even though we might be on different sides of the argument.

5. PUBLIC APPEARANCES:

None

6. CONSENT AGENDA:

- A. Approve minutes of the September 17, 2018 Regular Council Meeting.
- B. Planning and Zoning Monthly Report.
- C. Police Monthly Report.
- D. Approval of Invoices.
- E. Financial Reports.

Motion was made by Councilman Rapier and seconded by Councilwoman Smith to approve the consent agenda.

7. OLD BUSINESS:

None

8. NEW BUSINESS:

- A. **RESOLUTION NO. 675-2018:** A RESOLUTION OF THE MAYOR AND TOWN COUNCIL OF THE TOWN OF THATCHER, GRAHAM COUNTY, ARIZONA APPOINTING NED RHODES AS TOWN MAGISTRATE.

Mr. Brown explained that Judge Rhodes is up for re-appointment. He has done a good job and we would like to re-appoint him. Judge Rhodes stated that it has been a huge undertaking in merging the courts this last year. The ladies in the office have done a fantastic job and there is a lot of work that goes on there. I would like to thank everyone for allowing me to serve in this position. Motion was made by Councilman Larson to approve Resolution 675-2018 to appoint Ned Rhodes as Town Magistrate. This was seconded by Councilwoman Smith. Motion carries unanimously.

- B. **RESOLUTION NUMBER 676-2018:** A RESOLUTION OF THE MAYOR AND TOWN COUNCIL OF THE TOWN OF THATCHER, GRAHAM COUNTY, ARIZONA, TO SUPPORT THE 2020 CENSUS, TO PARTICIPATE IN THE 2020 CENSUS COMPLETE COUNT COMMITTEE, AND TO ENCOURAGE EVERY PERSON TO BE COUNTED

Mr. Brown explained that this is a resolution to enter into a committee with Graham

County, City of Safford, and the Town of Pima. This will be different than those in the past, as there will be no paper involved. The main purpose of this committee is to educate people and get outreach in place to let people know that this is the only way that they will be counted. Councilman Larson asked how people are going to be aware that they need to get online to do this. Mr. Brown stated that the committee will put out flyers in the mail with the information. We will also try to make appearances at different events with booths and there will also be information at all the Towns and the County. Councilman Rapiere asked if there was any talk about going door to door with an iPad. Mr. Brown answered yes, that there is talk of someone going door to door. Motion was made by Councilman Rapiere to approve Resolution 676-2018 and was seconded by Councilman Larson. Motion carries unanimously

9. INFORMATIONAL ITEMS:

A. Town Manager's Report

Mr. Brown stated that Phil Curtis is going to be Evan Bustamante's partner now. On the Church Street Project, the water main is lagging and there are some issues with the contractor and the conflicts with the existing utilities. I have spoken with Mr. Skeet and offered our help and support if we can do anything. The power is all relocated and Cable One and Centurylink will be coming in to move their stuff to our poles so we can get those old poles moved. SEAGO has been in contact with other cogs and they have agreed to loan us the money, so they are working on the timing. Mr. Vertrees thinks that we should have everything ready by the end of the month. Mr. Palmer is working on the design for the sidewalk over on Stadium Avenue. He has also been surveying and getting the design ready for the soccer fields. There have been some culverts that we have discovered during this water main upgrade that I am not comfortable with leaving in place under our new road. So sometime between now and when the Church Street contractors start we need to go in and replace the irrigation piping so that we don't have issues with settling or collapsing after we get the new road in.

We are putting together the bid package for our annual street project. Mayor Rivera asked about the intersection at 20th Avenue and Highway 70, has ADOT told us what they are going to do? Mr. Brown stated that ADOT did respond but he would follow up again to see what they wanted to do. We have a new contractor working on Red Lamp and he should be moving the rest of those out starting next week. Scott Cleland is doing a little economic development reaching out and talking to drum up developers on Red Lamp. Councilwoman Smith asked when they have to be out if it was the beginning of November. Mr. Brown answered the middle of November. We are going to get started on our general plan.

Chris Cook has indicated that he would like to retire from the little league basketball. Kyle and Kari Hull are willing to take that over as well and are very excited and organized. We are going to raise those fees from \$15 to \$40. As part of the Tom Palmer rezone, we saw that there was a big gap between single family

residential and multi-family residential. It goes from nothing but single family homes to large scale apartments. Other towns have a gap zone that allows duplexes and single family homes. It might be something for us to think about, having another option. Mr. Brown mentioned that if that is something you might be interested in, then we can start working on something. Councilwoman Smith asked if we would create a whole new zone for duplexes and single family homes. Mr. Brown answered yes. Councilman Bryce and Councilwoman Smith stated that they thought that was a good idea.

B. Fire Department Report

Chief Payne stated that two Saturday's ago we burned Chris Allen's house and I think it helped to boost our morale. Mayor Rivera asked if Safford and Pima were invited. Chief Payne stated that we usually do, but didn't this time. We just had our open house and because we didn't get flyers out to the school we probably had about 300 less people. Coming up, we have been asked to participate in Chris Mack's funeral. We will take the ladder truck out there with the flag to the cemetery. We do have another house to burn coming up on the 27th. Mayor Rivera stated please thank our fire fighters.

C. Police Department Report

We have had some possible changes for the routes for the homecoming parade for both the high school and college. We have Halloween coming up, so Search and Rescue will be helping us out at Quail Ridge, and we will be putting up some light towers as well. The Easter Seals and the Blake Foundation are putting on an event at the Reay Lane Park on November 8 to honor veterans and first responders. They are asking for veterans and first responders to be there if they are available. We received our detective's pick up and our patrol vehicle should be here soon, but I don't expect to have it on the road before December. We finally have the AZ Tracks program semi-operating in our police vehicles. Mayor Rivera stated please thank our police officers, we appreciate you.

D. Council Reports

11. FUTURE AGENDA ITEMS

None

12. ADJOURNMENT

Motion was made by Councilman Rapier and seconded by Councilwoman Smith at 6:38.

Thatcher Police Department Chief's Report
2017

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
Complaints Answered	326	237	228	230	218	277	235	201	213	232	204	229	2830
Arrests	13	20	19	18	12	19	25	18	16	28	25	9	222
Juvenile Referrals	2	0	2	8	2	1	0	3	4	1	2	1	26
Traffic Citations	19	37	37	34	23	26	20	22	60	59	30	31	398
Warnings	301	277	355	228	233	216	171	163	303	320	215	179	2746
MONTHLY TOTAL	661	571	641	518	488	539	451	407	536	640	476	440	5928
YEARLY TOTAL	661	1232	1873	2391	2879	3418	3869	4276	4812	5452	5928	6368	6368

CURRENT MONTH BREAKDOWN

COMPLAINT BREAKDOWN

						<u>Property</u>	<u>MILES</u>
Accidents	12	Sex Offenses	0	Thefts	14	Stolen	\$ 7578 6732
Traffic Comp	10	Crim Damage	2	Disturbance	1	Recovered	365
Veh Assist	27	Alarm	24	Fire	4	Difference	7213
Domestic	1	Assault	0	Deaths	0		
DUI	2	Animal	8	Juv Comp	2		
Missing Person	0	Drugs	3	Gen Comp	141		
Alcohol Viol	1	Homicide	0				

YEAR TO DATE BREAKDOWN

COMPLAINT BREAKDOWN

						<u>Property</u>	<u>MILES</u>
Accidents	153	Sex Offenses	10	Thefts	129	Stolen	\$ 39875 94626
Traffic Comp	102	Crim Damage	45	Disturbance	28	Recovered	3325
Veh Assist	191	Alarm	183	Fire	44	Difference	36550
Domestic	56	Assault	15	Deaths	8		
DUI	24	Animal	159	Juv Comp	46		
Missing Person	8	Drugs	42	Gen Comp	1747		
Alcohol Viol	6	Homicide	0				

Thatcher Police Department Chief's Report
2018

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
Complaints Answered	195	185	181	193	225	209	199	209	247	208			2051
Arrests	12	8	17	13	13	16	8	8	20	20			135
Juvenile Referrals	1	2	1	1	2	0	1	5	1	2			16
Traffic Citations	29	23	14	10	37	35	16	35	30	38			267
Warnings	115	175	155	138	151	148	123	77	139	147			1368
MONTHLY TOTAL	352	393	368	355	428	408	347	334	437	415			3841
YEARLY TOTAL	352	745	1113	1468	1896	2304	2655	2989	3426	3841			3841

CURRENT MONTH BREAKDOWN

COMPLAINT BREAKDOWN

						<u>Property</u>	<u>MILES</u>
Accidents	25	Sex Offenses	0	Thefts	7	Stolen	\$ 2712 8424
Traffic Comp	11	Crim Damage	4	Disturbance	4	Recovered	2000
Veh Assist	7	Alarm	10	Fire	4	Difference	712
Domestic	1	Assault	1	Deaths	0		
DUI	3	Animal	13	Juv Comp	2		
Missing Person	0	Drugs	0	Gen Comp	130		
Alcohol Viol	3	Homicide	0				

YEAR TO DATE BREAKDOWN

COMPLAINT BREAKDOWN

						<u>Property</u>	<u>MILES</u>
Accidents	117	Sex Offenses	3	Thefts	86	Stolen	\$ 56494 78526
Traffic Comp	68	Crim Damage	29	Disturbance	22	Recovered	19259
Veh Assist	135	Alarm	98	Fire	31	Difference	37232
Domestic	35	Assault	11	Deaths	4		
DUI	15	Animal	92	Juv Comp	37		
Missing Person	6	Drugs	21	Gen Comp	1084		
Alcohol Viol	10	Homicide	0				

Report Criteria:

Detail report.
Invoices with totals above \$0.00 included.
Only paid invoices included.

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
03-20300							
1351	AMERICAN GENERAL LIFE GPO	CA0853/09261	ACCIDENT INS	09/26/2018	1,114.03	1,114.03	10/11/2018
3524	DELTA DENTAL OF ARIZONA	661553	DENTAL INS	10/25/2018	4,997.77	4,997.77	10/31/2018
4523	GROUP ADMINISTRATORS, LTD	NOV2018	HEALTH INSURANCE	10/21/2018	18,623.84	18,623.84	10/23/2018
Total 03-20300:					24,735.64	24,735.64	
03-20350							
1647	AMRRP-WC FUND	JULY-SEPT201	WORKERS COMP INS	10/16/2018	21,603.00	21,603.00	10/18/2018
Total 03-20350:					21,603.00	21,603.00	
03-20380							
1230	AFLAC	652172	INSURANCE PREMIUMS	10/01/2018	1,606.94	1,606.94	10/11/2018
4155	GENWORTH LIFE AND	7090875/10101	LIFE INSURANCE/K LEMON	10/10/2018	45.90	45.90	10/18/2018
Total 03-20380:					1,652.84	1,652.84	
10-20300							
8200	VISION SERVICE PLAN	OCT16-NOV20	VISION PLAN/121448340001	10/16/2018	618.26	618.26	10/31/2018
Total 10-20300:					618.26	618.26	
10-20320							
1960	ARIZONA STATE TREASURER	SEPT 2018	COLLECTED FUNDS-PIMA	10/03/2018	834.64	834.64	10/11/2018
1960	ARIZONA STATE TREASURER	SEPT 2018	COLLECTED FUNDS-SAFFORD	10/03/2018	5,563.09	5,563.09	10/11/2018
1960	ARIZONA STATE TREASURER	SEPT 2018	COLLECTED FUNDS-THATCHE	10/03/2018	2,813.28	2,813.28	10/11/2018
10127	BENJAMIN ARRIAGA	CR2017-405/1	RESTITUTION- F.RODRIGUEZ	10/16/2018	100.00	100.00	10/18/2018
10144	CHARLOTTE SIMMONS	TR2018-100	CASH BOND REFUND	10/23/2018	275.00	275.00	10/31/2018
4302	CITY OF SAFFORD	SEPT 2018	MONTHLY COURT REVENUE	10/03/2018	1,843.57	1,843.57	10/11/2018
10131	GERALDINE WILEY	CR2012-178/1	RESTITUTION	10/01/2018	25.00	25.00	10/11/2018
4470	GRAHAM COUNTY SHERIFF'S	SEPT2018	DUI HOUSING FEES	10/04/2018	56.61	56.61	10/11/2018
4505	GRAHAM COUNTY TREASURE	SEPT2018	Z052 ADDITIONAL ASSESMEN	10/04/2018	15.61	15.61	10/11/2018
10142	GS MARKET	CR2017-263	RESTITUTION-C.RACKLEY	10/10/2018	10.00	10.00	10/18/2018
10143	MARTIN GLORIA JR	TR2008-049	CASH BOND REFUND	10/17/2018	198.00	198.00	10/23/2018
5910	MGRMC FOUNDATION	CR2016-258/1	RESTITUTION - S. MAZA	10/29/2018	100.00	100.00	10/31/2018
10142	MICHELLE BELL	CR2018-193	RESTITUTION-M.OGAS	10/01/2018	100.00	100.00	10/11/2018
10143	MISTY SMART	TR2018-137	CASH BOND REFUND	10/17/2018	500.00	500.00	10/23/2018
10142	MONICA HAGERMAN	CR2018-292	RESTITUTION-N. SIMMONS	10/11/2018	100.00	100.00	10/18/2018
10143	STEEVI BOERNER	CR2018-075	CASH BOND REFUND	10/17/2018	250.00	250.00	10/18/2018
10126	TARA GARCIA	CR2015-118/10	RESTITUTION-J.VALDEZ	10/04/2018	20.00	20.00	10/11/2018
10126	TARA GARCIA	CR2015-118/10	RESTITUTION-J.VALDEZ	10/11/2018	10.00	10.00	10/18/2018
10126	TARA GARCIA	CR2015-118/10	RESTITUTION	10/29/2018	10.00	10.00	10/31/2018
7775	TOWN OF PIMA	SEPT 2018	MONTHLY COURT REVENUE	10/03/2018	935.96	935.96	10/11/2018
10143	VINCENT BARNEY	TR2014-300	OVERPAYMENT REFUND	10/16/2018	10.00	10.00	10/18/2018
Total 10-20320:					13,770.76	13,770.76	
10-50-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	7.12	7.12	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	1.66	1.66	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	78.85	78.85	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-50-310:					87.63	87.63	
10-50-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	21.88	21.88	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	13.47	13.47	10/31/2018
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	443.74	443.74	10/11/2018
Total 10-50-311:					479.09	479.09	
10-50-326							
2999	CHANNEN DAY P.C.	6735	ATTORNEY	09/25/2018	945.00	945.00	10/11/2018
Total 10-50-326:					945.00	945.00	
10-50-344							
2972	CMI QUICK COPY	37051	printing & advertising	10/01/2018	151.17	151.17	10/18/2018
5080	DOUBLE-R COMMUNICATIONS	129-00012-001	PRINTING & ADVERTISING	09/30/2018	127.50	127.50	10/11/2018
Total 10-50-344:					278.67	278.67	
10-50-400							
2320	CHASE CARD SERVICES	091918	APP RIVER	09/19/2018	58.39	58.39	10/18/2018
Total 10-50-400:					58.39	58.39	
10-50-505							
2469	BMO HARRIS MASTERCARD	245925220	BASHAS	09/10/2018	11.54	11.54	10/18/2018
2469	BMO HARRIS MASTERCARD	246241951	TONI'S KITCHEN	09/10/2018	315.28	315.28	10/18/2018
2469	BMO HARRIS MASTERCARD	250687126	LEAGUE CONFERENCE	10/05/2018	4.32	4.32	10/18/2018
2469	BMO HARRIS MASTERCARD	250687127	LEAGUE CONFERENCE	10/05/2018	5.77	5.77	10/18/2018
2320	CHASE CARD SERVICES	092518	LEAGUE OF CITIES OF AZ	09/25/2018	135.00	135.00	10/18/2018
Total 10-50-505:					471.91	471.91	
10-50-514							
2469	BMO HARRIS MASTERCARD	249969770	SUMMER LIBRARY	10/02/2018	315.31	315.31	10/18/2018
Total 10-50-514:					315.31	315.31	
10-50-590							
2469	BMO HARRIS MASTERCARD	245925221	TRACTOR SUPPLY- TUB	09/10/2018	14.17	14.17	10/18/2018
2469	BMO HARRIS MASTERCARD	248692409	FEE	09/26/2018	5.77	5.77	10/18/2018
2469	BMO HARRIS MASTERCARD	250687149	FEE	10/05/2018	4.45	4.45	10/18/2018
2320	CHASE CARD SERVICES	090618	AMAZON	09/06/2018	114.76	114.76	10/18/2018
Total 10-50-590:					139.15	139.15	
10-52-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	47.05	47.05	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	10.96	10.96	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	520.98	520.98	10/18/2018
Total 10-52-310:					578.99	578.99	
10-52-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	5.42	5.42	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	3.34	3.34	10/31/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	109.99	109.99	10/11/2018
Total 10-52-311:					118.75	118.75	
10-52-312							
4302	CITY OF SAFFORD	14-150.06/093	3341 W MAIN	09/30/2018	58.17	58.17	10/11/2018
4302	CITY OF SAFFORD	14-340.03/093	RED LAMP-302 4TH ST	09/30/2018	234.17	234.17	10/11/2018
4302	CITY OF SAFFORD	16-161.01/093	TOWN HALL	09/30/2018	938.45	938.45	10/11/2018
4302	CITY OF SAFFORD	17-529.02/093	3670 W MAIN	09/30/2018	36.11	36.11	10/18/2018
Total 10-52-312:					1,266.90	1,266.90	
10-52-314							
4406	GRAHAM CO UTILITIES	4743-012/1012	TOWN HALL	10/12/2018	61.36	61.36	10/18/2018
4406	GRAHAM CO UTILITIES	4743-018/1012	3670 W MAIN	10/12/2018	46.74	46.74	10/18/2018
4406	GRAHAM CO UTILITIES	4743-021/1012	3341 W MAIN ST	10/12/2018	21.14	21.14	10/18/2018
4406	GRAHAM CO UTILITIES	4743-022/1012	3341 W MAIN ST	10/12/2018	48.37	48.37	10/18/2018
Total 10-52-314:					177.61	177.61	
10-52-340							
4840	INTERSTATE ELECTRONICS IN	11184	COPIES	09/30/2018	127.34	127.34	10/11/2018
4840	INTERSTATE ELECTRONICS IN	11185	COPIES	09/30/2018	265.58	265.58	10/11/2018
Total 10-52-340:					392.92	392.92	
10-52-342							
1335	AMERICAN DYNA-MITE	101518	PEST CONTROL	10/15/2018	60.00	60.00	10/23/2018
2830	C E S SAFFORD	SAF038524	HALCO	09/26/2018	111.83	111.83	10/23/2018
Total 10-52-342:					171.83	171.83	
10-52-344							
1290	ALLPRINT, INC.	21584	BUSINESS CARDS	10/09/2018	70.52	70.52	10/18/2018
2469	BMO HARRIS MASTERCARD	244868048	DIGITAL POLO	09/05/2018	299.00	299.00	10/18/2018
2469	BMO HARRIS MASTERCARD	250687124	DIGITAL POLO	10/05/2018	310.29	310.29	10/18/2018
2972	CMI QUICK COPY	37051	printing & advertising	10/01/2018	117.57	117.57	10/18/2018
5080	DOUBLE-R COMMUNICATIONS	129-00012-001	PRINTING & ADVERTISING	09/30/2018	85.00	85.00	10/11/2018
4491	GILA VALLEY CENTRAL	1170	DISPLAY AD	10/01/2018	125.00	125.00	10/11/2018
Total 10-52-344:					1,007.38	1,007.38	
10-52-347							
2905	CASELLE, INC.	90464	SOFTWARE SUPPORT	10/01/2018	716.50	716.50	10/11/2018
Total 10-52-347:					716.50	716.50	
10-52-350							
7595	TONY'S EXPRESS CARWASH	093018	CAR WASH	09/30/2018	70.00	70.00	10/23/2018
Total 10-52-350:					70.00	70.00	
10-52-505							
2469	BMO HARRIS MASTERCARD	247920265	LOVE'S	09/20/2018	71.05	71.05	10/18/2018
2469	BMO HARRIS MASTERCARD	249284987	SPRINGHILL SUITES	09/28/2018	186.46	186.46	10/18/2018
81	HEATH BROWN	101118	RURAL TRANSPORTATION SUM	10/11/2018	112.00	112.00	10/18/2018
6505	PUBLIC SAFETY PERSONNEL	103018	RETIREMENT SEMINAR	10/30/2018	70.00	70.00	10/31/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-52-505:					439.51	439.51	
10-52-535							
2972	CMI QUICK COPY	37025	PACKING	09/26/2018	51.60	51.60	10/18/2018
6355	PITNEY BOWES	101018	POSTAGE	10/10/2018	635.03	635.03	10/11/2018
Total 10-52-535:					686.63	686.63	
10-52-540							
2469	BMO HARRIS MASTERCARD	245275195	WALMART - SUPPLIES	09/06/2018	21.56	21.56	10/18/2018
2469	BMO HARRIS MASTERCARD	245275202	PENSRUS.COM	09/06/2018	133.34	133.34	10/18/2018
6520	QUILL CORPORATION	1312723	OFFICE SUPPLIES	09/19/2018	181.27	181.27	10/11/2018
6520	QUILL CORPORATION	1500247	OFFICE SUPPLIES	09/26/2018	200.04	200.04	10/11/2018
6520	QUILL CORPORATION	1568568	OFFICE SUPPLIES	09/28/2018	88.77	88.77	10/11/2018
6520	QUILL CORPORATION	1642124	OFFICE SUPPLIES	10/02/2018	147.77	147.77	10/11/2018
6520	QUILL CORPORATION	1711687	OFFICE SUPPLIES	10/04/2018	100.76	100.76	10/18/2018
6520	QUILL CORPORATION	1926323	OFFICE SUPPLIES	10/12/2018	177.69	177.69	10/23/2018
6520	QUILL CORPORATION	1929295	OFFICE SUPPLIES	10/12/2018	21.93	21.93	10/23/2018
6520	QUILL CORPORATION	2040556	OFFICE SUPPLIES	10/17/2018	105.48	105.48	10/31/2018
6520	QUILL CORPORATION	2076146	OFFICE SUPPLIES	10/18/2018	17.77	17.77	10/31/2018
6520	QUILL CORPORATION	2077329	OFFICE SUPPLIES	10/18/2018	56.99	56.99	10/31/2018
6520	QUILL CORPORATION	2141465	OFFICE SUPPLIES	10/22/2018	205.31	205.31	10/31/2018
6520	QUILL CORPORATION	2186534	OFFICE SUPPLIES	10/23/2018	20.41	20.41	10/31/2018
Total 10-52-540:					1,479.09	1,479.09	
10-52-542							
2469	BMO HARRIS MASTERCARD	245925225	HOME DEPOT - WALL PATCH	09/10/2018	14.38	14.38	10/18/2018
2469	BMO HARRIS MASTERCARD	249969767	HOME DEPOT- TOWN HALL	10/03/2018	244.03	244.03	10/18/2018
2320	CHASE CARD SERVICES	090518	WALMART - TV	09/05/2018	396.56	396.56	10/18/2018
Total 10-52-542:					654.97	654.97	
10-52-543							
2469	BMO HARRIS MASTERCARD	247131502	SUPPLIES	09/17/2018	123.24	123.24	10/18/2018
Total 10-52-543:					123.24	123.24	
10-52-590							
2469	BMO HARRIS MASTERCARD	244868049	AMAZON- BAG	09/06/2018	89.39	89.39	10/18/2018
2469	BMO HARRIS MASTERCARD	245275194	DENNY'S	09/06/2018	51.24	51.24	10/18/2018
2320	CHASE CARD SERVICES	092518ALLIED	ALLIED	09/25/2018	251.67	251.67	10/18/2018
4450	GRAHAM COUNTY FLORIST	45944/1	FLOWERS-CLAY	09/24/2018	81.83	81.83	10/11/2018
8235	WATER DEPOT	3955	REFILL	10/17/2018	18.00	18.00	10/23/2018
Total 10-52-590:					492.13	492.13	
10-52-740							
2320	CHASE CARD SERVICES	090518	WALMART - TV	09/05/2018	396.55	396.55	10/18/2018
Total 10-52-740:					396.55	396.55	
10-52-748							
3435	DAN MARTIN	6036	IT CONSULTING	10/23/2018	600.00	600.00	10/31/2018
Total 10-52-748:					600.00	600.00	

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
10-55-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	2.42	2.42	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	.56	.56	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	26.75	26.75	10/18/2018
Total 10-55-310:					29.73	29.73	
10-55-327							
6701	REBECCA R JOHNSON	TR2018-104	INDEGENT ATTORNEY	10/03/2018	600.00	600.00	10/11/2018
Total 10-55-327:					600.00	600.00	
10-55-505							
1990	ARIZONA SUPREME COURT	ESD-2019-162	JUDICIAL CONFERENCE	10/18/2018	100.00	100.00	10/23/2018
Total 10-55-505:					100.00	100.00	
10-55-535							
6355	PITNEY BOWES	101018	POSTAGE	10/10/2018	95.26	95.26	10/11/2018
Total 10-55-535:					95.26	95.26	
10-55-540							
3560	DIGITAL IMAGING SYSTEMS	48003	COPIES	09/27/2018	37.17	37.17	10/11/2018
3560	DIGITAL IMAGING SYSTEMS	48005	TONER	09/27/2018	185.23	185.23	10/11/2018
6520	QUILL CORPORATION	1312723	OFFICE SUPPLIES	09/19/2018	26.43	26.43	10/11/2018
6520	QUILL CORPORATION	1500247	OFFICE SUPPLIES	09/26/2018	29.17	29.17	10/11/2018
6520	QUILL CORPORATION	1568568	OFFICE SUPPLIES	09/28/2018	12.95	12.95	10/11/2018
6520	QUILL CORPORATION	1642124	OFFICE SUPPLIES	10/02/2018	21.55	21.55	10/11/2018
6520	QUILL CORPORATION	1711687	OFFICE SUPPLIES	10/04/2018	14.69	14.69	10/18/2018
6520	QUILL CORPORATION	1926323	OFFICE SUPPLIES	10/12/2018	25.91	25.91	10/23/2018
6520	QUILL CORPORATION	1929295	OFFICE SUPPLIES	10/12/2018	3.20	3.20	10/23/2018
6520	QUILL CORPORATION	2040556	OFFICE SUPPLIES	10/17/2018	15.38	15.38	10/31/2018
6520	QUILL CORPORATION	2076146	OFFICE SUPPLIES	10/18/2018	2.59	2.59	10/31/2018
6520	QUILL CORPORATION	2077329	OFFICE SUPPLIES	10/18/2018	8.31	8.31	10/31/2018
6520	QUILL CORPORATION	2141465	OFFICE SUPPLIES	10/22/2018	29.94	29.94	10/31/2018
6520	QUILL CORPORATION	2186534	OFFICE SUPPLIES	10/23/2018	2.98	2.98	10/31/2018
Total 10-55-540:					415.50	415.50	
10-55-590							
7365	SPARKLETTS	17051740 1006	WATER	10/06/2018	23.42	23.42	10/18/2018
7855	TROPHIES 'N TEES	21019	SHIRTS/COURT	10/03/2018	74.14	74.14	10/18/2018
Total 10-55-590:					97.56	97.56	
10-62-150							
1930	ARIZONA STATE PRISON - SAF	S01111180913	LABOR	09/18/2018	127.50	127.50	10/11/2018
1930	ARIZONA STATE PRISON - SAF	TOT19-07	LABOR	10/16/2018	6.40	6.40	10/23/2018
Total 10-62-150:					133.90	133.90	
10-62-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	4.11	4.11	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	2.53	2.53	10/31/2018
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	83.44	83.44	10/11/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-62-311:					90.08	90.08	
10-62-312							
4302	CITY OF SAFFORD	13-425.01/093	DALEY ESTATES PARK	09/30/2018	593.33	593.33	10/11/2018
4302	CITY OF SAFFORD	15-268.01/093	SPLASHPARK/CEMETERY	09/30/2018	390.23	390.23	10/11/2018
4302	CITY OF SAFFORD	15-970.00/093	EAGLE MEADOW	09/30/2018	66.82	66.82	10/11/2018
4302	CITY OF SAFFORD	16-385.01/093	REAY LANE PARK	09/30/2018	32.80	32.80	10/11/2018
4302	CITY OF SAFFORD	17-830.01/093	LANDSCAPE METER	09/30/2018	105.25	105.25	10/18/2018
4302	CITY OF SAFFORD	73-045.09/093	8th ST LANDSCAPE	09/30/2018	133.66	133.66	10/11/2018
4302	CITY OF SAFFORD	81-674.02/093	8th ST LANDSCAPE	09/30/2018	32.78	32.78	10/11/2018
4302	CITY OF SAFFORD	81-675.02/093	8th ST LANDSCAPE	09/30/2018	32.78	32.78	10/11/2018
Total 10-62-312:					1,387.65	1,387.65	
10-62-321							
633	ART TRUJILLO	102318	BASKETBALL REF	10/23/2018	575.00	575.00	10/23/2018
10144	ASHLYN THOMPSON	102318	ADULT BASKETBALL LEAGUE	10/23/2018	75.00	75.00	10/23/2018
10193	GABBY ROMERO	102318	MEN'S BASKETBALL LEAGUE	10/23/2018	60.00	60.00	10/23/2018
799	ISAAC J MORRIS	102318	Men's Basketball	10/23/2018	1,000.00	1,000.00	10/23/2018
671	MASON MORTENSEN	102318	ADULT BASKETBALL LEAGUE	10/23/2018	105.00	105.00	10/23/2018
115	MICHELLE MORTENSEN	102318	MEN'S BASKETBALL	10/23/2018	1,000.00	1,000.00	10/23/2018
10140	MIKE THOMPSON	102318	ADULT BASKETBALL	10/23/2018	675.00	675.00	10/23/2018
829	TREYTON MORTENSEN	102318	ADULT BASKETBALL	10/23/2018	45.00	45.00	10/23/2018
7855	TROPHIES 'N TEES	21064	B-BALL TROPHY	10/17/2018	322.61	322.61	10/31/2018
Total 10-62-321:					3,857.61	3,857.61	
10-62-331							
10142	ALMA ESTRADA	101018	LL VOLLEYBALL	10/10/2018	42.00	42.00	10/11/2018
10142	BRYLEE DAMRON	101018	LL VOLLEYBALL	10/10/2018	42.00	42.00	10/11/2018
9128	ELAINA ESTRADA	101018	LL VOLLEYBALL	10/10/2018	900.00	900.00	10/11/2018
834	ELLIE ALDER	101018	LL VOLLEYBALL	10/10/2018	42.00	42.00	10/11/2018
836	LANEY MORRIS	101018	LL VOLLEYBALL	10/10/2018	42.00	42.00	10/11/2018
791	LAURA MEEHL	101018	LL VOLLEYBALL	10/10/2018	42.00	42.00	10/11/2018
661	LEAH MEEHL	101018	JUNIOR LEAGUE VOLLEYBALL	10/10/2018	900.00	900.00	10/11/2018
1026	OLIVIA LUNT	101018	LL VOLLEYBALL REF	10/10/2018	84.00	84.00	10/11/2018
835	SYDNEY ALDER	101018	LL VOLLEYBALL	10/10/2018	42.00	42.00	10/11/2018
Total 10-62-331:					2,136.00	2,136.00	
10-62-341							
1036	A & G TURF EQUIPMENT, INC.	D482143	GEARBOX	10/12/2018	967.20	967.20	10/23/2018
1036	A & G TURF EQUIPMENT, INC.	D482143A	U-JOINT SHAFT	10/09/2018	596.35	596.35	10/23/2018
2469	BMO HARRIS MASTERCARD	246778876	AMAZON- FUEL FILTER	09/16/2018	27.96	27.96	10/18/2018
4795	INDUSTRIAL ELECTRICAL SER	7302	AG BEARINGS	10/09/2018	30.55	30.55	10/23/2018
4795	INDUSTRIAL ELECTRICAL SER	7305	KOYO BEARING	10/10/2018	5.43	5.43	10/23/2018
5950	NCE MANAGEMENT TRUST	59906	PRIMERS	10/09/2018	24.00	24.00	10/23/2018
5950	NCE MANAGEMENT TRUST	59907	MOTOR	10/09/2018	500.00	500.00	10/23/2018
5950	NCE MANAGEMENT TRUST	59911	KEYS	10/10/2018	7.00	7.00	10/23/2018
Total 10-62-341:					2,158.49	2,158.49	
10-62-342							
2832	CABLE ONE	105245682/101	INTERNET	10/16/2018	222.08	222.08	10/31/2018
2832	CABLE ONE	121419568/092	INTERNET	09/26/2018	93.50	93.50	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-62-342:					315.58	315.58	
10-62-533							
2469	BMO HARRIS MASTERCARD	244868051	HOME DEPOT - HAMMER DRILL	09/04/2018	95.24	95.24	10/18/2018
Total 10-62-533:					95.24	95.24	
10-62-540							
4686	HORIZON DISTRIBUTORS INC	1D179627	IRRIGATION SYSTEM PARTS	10/11/2018	556.25	556.25	10/18/2018
Total 10-62-540:					556.25	556.25	
10-62-541							
2469	BMO HARRIS MASTERCARD	245788208	BUSHING	09/10/2018	9.87	9.87	10/18/2018
2469	BMO HARRIS MASTERCARD	247920361	HOME DEPOT - ROTARY NOZZL	09/20/2018	88.51	88.51	10/18/2018
2469	BMO HARRIS MASTERCARD	247920362	HOME DEPOT - SPINKLER	09/20/2018	125.06	125.06	10/18/2018
7903	HUGHES SUPPLY	S153855551.0	PVC PARTS	09/13/2018	315.57	315.57	10/11/2018
7903	HUGHES SUPPLY	S153855551.0	GAUGE BOTTOM	09/18/2018	573.44	573.44	10/11/2018
7903	HUGHES SUPPLY	S153855551.0	ELBOW	09/20/2018	50.16	50.16	10/11/2018
2210	MSC INDUSTRIAL SUPPLY CO	2434181001	NUTS & BOLTS	09/24/2018	63.77	63.77	10/11/2018
2210	MSC INDUSTRIAL SUPPLY CO	2485945001	NUTS & BOLTS	10/15/2018	74.06	74.06	10/31/2018
Total 10-62-541:					1,300.44	1,300.44	
10-62-542							
2469	BMO HARRIS MASTERCARD	245275198	HOME DEPOT - BATTERY	09/05/2018	54.52	54.52	10/18/2018
Total 10-62-542:					54.52	54.52	
10-62-543							
2469	BMO HARRIS MASTERCARD	247131502	SUPPLIES	09/17/2018	119.13	119.13	10/18/2018
Total 10-62-543:					119.13	119.13	
10-62-553							
3075	FIRST CALL AUTO PARTS	2752-198787	BATTERY	09/06/2018	132.81	132.81	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-200409	BATTERY	09/17/2018	82.98	82.98	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-20635	BATTERY CLAMPS	09/18/2018	48.05	48.05	10/18/2018
Total 10-62-553:					263.84	263.84	
10-62-555							
2469	BMO HARRIS MASTERCARD	249969768	HOME DEPOT - CHAIN OIL	10/01/2018	11.28	11.28	10/18/2018
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	741.82	741.82	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.17	166.17	10/23/2018
Total 10-62-555:					919.27	919.27	
10-62-590							
2469	BMO HARRIS MASTERCARD	245275199	CURTIS STORE - GATORADE	09/05/2018	20.46	20.46	10/18/2018
2469	BMO HARRIS MASTERCARD	250244907	GLASSES	10/03/2018	22.75	22.75	10/18/2018
2469	BMO HARRIS MASTERCARD	250687148	FEE	10/05/2018	2.18	2.18	10/18/2018
Total 10-62-590:					45.39	45.39	
10-62-650							
2469	BMO HARRIS MASTERCARD	245275200	HOME DEPOT - HOSE BIB	09/06/2018	123.28	123.28	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
7820	TRI COUNTY MATERIALS INC	76411	CONCRETE- CEMETERY	09/19/2018	997.78	997.78	10/18/2018
7820	TRI COUNTY MATERIALS INC	M35879	AB	09/18/2018	233.04	233.04	10/18/2018
Total 10-62-650:					1,354.10	1,354.10	
10-70-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	21.24	21.24	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	4.95	4.95	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	235.14	235.14	10/18/2018
Total 10-70-310:					261.33	261.33	
10-70-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	32.73	32.73	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	20.15	20.15	10/31/2018
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	663.71	663.71	10/11/2018
Total 10-70-311:					716.59	716.59	
10-70-334							
4420	GRAHAM CO BOARD OF SUPE	2019-0000002	DISPATCHING SERVICES	10/08/2018	53,246.25	53,246.25	10/18/2018
Total 10-70-334:					53,246.25	53,246.25	
10-70-341							
2469	BMO HARRIS MASTERCARD	248692412	GUN ACCESSORY SUPPLY	09/25/2018	395.30	395.30	10/18/2018
2469	BMO HARRIS MASTERCARD	249284989	AEDLAND.COM	09/27/2018	395.97	395.97	10/18/2018
Total 10-70-341:					791.27	791.27	
10-70-344							
2972	CMI QUICK COPY	37051	printing & advertising	10/01/2018	201.56	201.56	10/18/2018
5080	DOUBLE-R COMMUNICATIONS	129-00012-001	PRINTING & ADVERTISING	09/30/2018	140.25	140.25	10/11/2018
Total 10-70-344:					341.81	341.81	
10-70-350							
3075	FIRST CALL AUTO PARTS	2752-199009	22OZ BIGCHILL	09/07/2018	38.17	38.17	10/18/2018
5215	KIMS WINDOW TINTING	23778	PD CAR/WINDOW TINTING	10/04/2018	165.46	165.46	10/11/2018
Total 10-70-350:					203.63	203.63	
10-70-360							
4420	GRAHAM CO BOARD OF SUPE	2019-0000002	ANIMAL CONTROL	10/08/2018	306.00	306.00	10/18/2018
Total 10-70-360:					306.00	306.00	
10-70-505							
2469	BMO HARRIS MASTERCARD	245925223	INSIDE THE TAPE TRAINING	09/10/2018	131.00	131.00	10/18/2018
2469	BMO HARRIS MASTERCARD	246484400	HOLIDAY INN	09/13/2018	105.93	105.93	10/18/2018
2469	BMO HARRIS MASTERCARD	247356315	FORZA FORENSIC	09/18/2018	425.00	425.00	10/18/2018
2469	BMO HARRIS MASTERCARD	247587845	SPRINGHILL SUITES	09/19/2018	216.52	216.52	10/18/2018
80	KRIS LEMON	AZLERMA2018	AZLERMA CONF	09/25/2018	590.51	590.51	10/11/2018
Total 10-70-505:					1,468.96	1,468.96	
10-70-510							
6170	TOWN OF PAYSON	1018-2013092	LESO PARTICIPATION FEE	10/01/2018	250.00	250.00	10/11/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-70-510:					250.00	250.00	
10-70-535							
6355	PITNEY BOWES	101018	POSTAGE	10/10/2018	95.26	95.26	10/11/2018
Total 10-70-535:					95.26	95.26	
10-70-540							
6520	QUILL CORPORATION	1312723	OFFICE SUPPLIES	09/19/2018	101.96	101.96	10/11/2018
6520	QUILL CORPORATION	1500247	OFFICE SUPPLIES	09/26/2018	112.52	112.52	10/11/2018
6520	QUILL CORPORATION	1568568	OFFICE SUPPLIES	09/28/2018	49.93	49.93	10/11/2018
6520	QUILL CORPORATION	1642124	OFFICE SUPPLIES	10/02/2018	83.12	83.12	10/11/2018
6520	QUILL CORPORATION	1711687	OFFICE SUPPLIES	10/04/2018	56.68	56.68	10/18/2018
6520	QUILL CORPORATION	1926323	OFFICE SUPPLIES	10/12/2018	99.95	99.95	10/23/2018
6520	QUILL CORPORATION	1929295	OFFICE SUPPLIES	10/12/2018	12.34	12.34	10/23/2018
6520	QUILL CORPORATION	2040556	OFFICE SUPPLIES	10/17/2018	59.33	59.33	10/31/2018
6520	QUILL CORPORATION	2076146	OFFICE SUPPLIES	10/18/2018	10.00	10.00	10/31/2018
6520	QUILL CORPORATION	2077329	OFFICE SUPPLIES	10/18/2018	32.06	32.06	10/31/2018
6520	QUILL CORPORATION	2141465	OFFICE SUPPLIES	10/22/2018	115.48	115.48	10/31/2018
6520	QUILL CORPORATION	2186534	OFFICE SUPPLIES	10/23/2018	11.48	11.48	10/31/2018
Total 10-70-540:					744.85	744.85	
10-70-541							
2469	BMO HARRIS MASTERCARD	248474520	SILENCERO CO LLC	09/24/2018	207.98	207.98	10/18/2018
Total 10-70-541:					207.98	207.98	
10-70-543							
2469	BMO HARRIS MASTERCARD	247131502	SUPPLIES	09/17/2018	102.70	102.70	10/18/2018
Total 10-70-543:					102.70	102.70	
10-70-544							
6990	SAN DIEGO POLICE EQUIPMEN	634599	AMMO	09/26/2018	797.79	797.79	10/31/2018
Total 10-70-544:					797.79	797.79	
10-70-549							
2469	BMO HARRIS MASTERCARD	247920266	PROMOTIONS NOW	09/19/2018	371.67	371.67	10/18/2018
Total 10-70-549:					371.67	371.67	
10-70-550							
2469	BMO HARRIS MASTERCARD	250244905	MONSTERVault SAFE	10/03/2018	635.30	635.30	10/18/2018
Total 10-70-550:					635.30	635.30	
10-70-553							
4510	GRAINGER, INC	9917087067	BATTERIES	09/26/2018	697.49	697.49	10/18/2018
Total 10-70-553:					697.49	697.49	
10-70-555							
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	2,583.74	2,583.74	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.17	166.17	10/23/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-70-555:					2,749.91	2,749.91	
10-70-590							
2469	BMO HARRIS MASTERCARD	245275201	AMAZON-BATTERIES	09/06/2018	40.50	40.50	10/18/2018
2469	BMO HARRIS MASTERCARD	248692413	FEE	09/26/2018	1.21	1.21	10/18/2018
2469	BMO HARRIS MASTERCARD	250687134	FEE	10/05/2018	.42	.42	10/18/2018
Total 10-70-590:					42.13	42.13	
10-70-747							
2469	BMO HARRIS MASTERCARD	249829877	MICROSOFT	10/01/2018	250.92	250.92	10/18/2018
Total 10-70-747:					250.92	250.92	
10-70-748							
2469	BMO HARRIS MASTERCARD	249284988	CDW GOVT	09/28/2018	1,432.82	1,432.82	10/18/2018
3435	DAN MARTIN	6036	IT CONSULTING	10/23/2018	600.00	600.00	10/31/2018
Total 10-70-748:					2,032.82	2,032.82	
10-70-750							
2469	BMO HARRIS MASTERCARD	250687131	AZ TRUCK ACCESSORIES	10/04/2018	1,333.40	1,333.40	10/18/2018
4183	HORNE FREEDOM FORD	1FTEW1EP1JK	POLICE VEHICLE	10/02/2018	34,780.50	34,780.50	10/10/2018
4183	HORNE FREEDOM FORD	2019 EXPLOR	2019 FORD EXPLORER	10/29/2018	31,236.15	31,236.15	10/31/2018
Total 10-70-750:					67,350.05	67,350.05	
10-72-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	9.41	9.41	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	2.19	2.19	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	104.20	104.20	10/18/2018
Total 10-72-310:					115.80	115.80	
10-72-312							
4302	CITY OF SAFFORD	17-528.01/093	FIRE DEPARTMENT	09/30/2018	92.92	92.92	10/11/2018
Total 10-72-312:					92.92	92.92	
10-72-341							
5250	L. N. CURTIS & SONS	INV198430	ENGINE 3	07/06/2018	276.22	276.22	10/18/2018
5250	L. N. CURTIS & SONS	INV220155	SIDE MOUNT NOZZLE	09/26/2018	171.02	171.02	10/11/2018
5521	MHQ OF ARIZONA	101179	SIREN	10/02/2018	471.51	471.51	10/31/2018
Total 10-72-341:					918.75	918.75	
10-72-342							
2830	C E S SAFFORD	SAF038609	BALLAST	10/04/2018	87.28	87.28	10/23/2018
2830	C E S SAFFORD	SAF038617	ELEC MV RS	10/04/2018	19.02	19.02	10/23/2018
Total 10-72-342:					106.30	106.30	
10-72-350							
3075	FIRST CALL AUTO PARTS	2752-200667	OIL FILTER	09/18/2018	4.30	4.30	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-201746	AIR FILTER	09/24/2018	14.39	14.39	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-72-350:					18.69	18.69	
10-72-505							
2469	BMO HARRIS MASTERCARD	246241957	RESIDENCE INN - FIRE SCHOO	09/12/2018	3,247.28	3,247.28	10/18/2018
2320	CHASE CARD SERVICES	090918	FIRE SCHOOL HOTEL	09/09/2018	1,587.04	1,587.04	10/18/2018
2320	CHASE CARD SERVICES	091318	RESIDENCE INN	09/13/2018	337.52	337.52	10/18/2018
5247	LION GROUP, INC	SL020L	SMOKE LIQUID	10/03/2018	677.50	677.50	10/18/2018
Total 10-72-505:					5,849.34	5,849.34	
10-72-510							
4120	FIRE DEPT TRAINING NETWOR	21101	MEMBERSHIP	10/01/2018	48.00	48.00	10/23/2018
Total 10-72-510:					48.00	48.00	
10-72-530							
2346	BASHAS' INC	376474	HOUSE BURN	09/28/2018	79.45	79.45	10/18/2018
6810	R & R PIZZA	19073857	OPEN HOUSE	10/01/2018	632.73	632.73	10/11/2018
Total 10-72-530:					712.18	712.18	
10-72-540							
6520	QUILL CORPORATION	1312723	OFFICE SUPPLIES	09/19/2018	3.79	3.79	10/11/2018
6520	QUILL CORPORATION	1500247	OFFICE SUPPLIES	09/26/2018	4.18	4.18	10/11/2018
6520	QUILL CORPORATION	1568568	OFFICE SUPPLIES	09/28/2018	1.83	1.83	10/11/2018
6520	QUILL CORPORATION	1642124	OFFICE SUPPLIES	10/02/2018	3.08	3.08	10/11/2018
6520	QUILL CORPORATION	1711687	OFFICE SUPPLIES	10/04/2018	2.10	2.10	10/18/2018
6520	QUILL CORPORATION	1926323	OFFICE SUPPLIES	10/12/2018	3.71	3.71	10/23/2018
6520	QUILL CORPORATION	1929295	OFFICE SUPPLIES	10/12/2018	.45	.45	10/23/2018
6520	QUILL CORPORATION	2040556	OFFICE SUPPLIES	10/17/2018	2.21	2.21	10/31/2018
6520	QUILL CORPORATION	2076146	OFFICE SUPPLIES	10/18/2018	.38	.38	10/31/2018
6520	QUILL CORPORATION	2077329	OFFICE SUPPLIES	10/18/2018	1.19	1.19	10/31/2018
6520	QUILL CORPORATION	2141465	OFFICE SUPPLIES	10/22/2018	4.28	4.28	10/31/2018
6520	QUILL CORPORATION	2186534	OFFICE SUPPLIES	10/23/2018	.41	.41	10/31/2018
Total 10-72-540:					27.61	27.61	
10-72-543							
2469	BMO HARRIS MASTERCARD	247131502	SUPPLIES	09/17/2018	32.86	32.86	10/18/2018
Total 10-72-543:					32.86	32.86	
10-72-553							
3765	EAST PENN MANUFACTURING	7199754	BATTERIES	10/19/2018	751.84	751.84	10/31/2018
3765	EAST PENN MANUFACTURING	84052440	CREDIT	10/23/2018	135.00-	135.00-	10/31/2018
Total 10-72-553:					616.84	616.84	
10-72-555							
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	717.66	717.66	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.17	166.17	10/23/2018
Total 10-72-555:					883.83	883.83	
10-72-741							
2469	BMO HARRIS MASTERCARD	249284994	HOME DEPOT - ALLEN HOUSE	09/27/2018	423.80	423.80	10/18/2018
5250	L. N. CURTIS & SONS	INV223260	FIRE NOZZLES	10/09/2018	1,533.13	1,533.13	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
7960	UNITED FIRE EQUIP. CO.	692194	TURNOUTS	09/05/2018	5,301.92	5,301.92	10/18/2018
Total 10-72-741:					7,258.85	7,258.85	
10-81-140							
7919	UNIFIRST CORPORATION	3100923487	UNIFORMS	10/03/2018	165.70	165.70	10/23/2018
7919	UNIFIRST CORPORATION	3100924707	UNIFORMS	10/10/2018	165.70	165.70	10/23/2018
7919	UNIFIRST CORPORATION	31009252910	UNIFORMS	10/17/2018	165.70	165.70	10/23/2018
Total 10-81-140:					497.10	497.10	
10-81-150							
1930	ARIZONA STATE PRISON - SAF	S01111180913	LABOR	09/18/2018	22.50	22.50	10/11/2018
1930	ARIZONA STATE PRISON - SAF	TOT19-07	LABOR	10/16/2018	6.40	6.40	10/23/2018
Total 10-81-150:					28.90	28.90	
10-81-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	4.71	4.71	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	1.10	1.10	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	52.10	52.10	10/18/2018
Total 10-81-310:					57.91	57.91	
10-81-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	4.77	4.77	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	2.94	2.94	10/31/2018
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	96.71	96.71	10/11/2018
Total 10-81-311:					104.42	104.42	
10-81-312							
4302	CITY OF SAFFORD	15-273.01/093	SHOP	09/30/2018	157.57	157.57	10/11/2018
Total 10-81-312:					157.57	157.57	
10-81-342							
2469	BMO HARRIS MASTERCARD	249284993	HOME DEPOT - PLYWOOD	09/27/2018	68.25	68.25	10/18/2018
4510	GRAINGER, INC	933503709	DOOR/PRESSURE WASHER	10/12/2018	202.26	202.26	10/31/2018
4510	GRAINGER, INC	9900895914	WALL MOUNT HOSE	09/10/2018	91.20	91.20	10/18/2018
1998	RATTLE SNAKE EXTERMINATIN	53895	EXTERMINATING SERVICES	10/18/2018	140.00	140.00	10/23/2018
Total 10-81-342:					501.71	501.71	
10-81-350							
2469	BMO HARRIS MASTERCARD	246484401	AMAZON- NUMBER DECALS	09/14/2018	67.80	67.80	10/18/2018
2469	BMO HARRIS MASTERCARD	246484402	AMAZON- DECALS	09/14/2018	8.99	8.99	10/18/2018
2469	BMO HARRIS MASTERCARD	249284991	AMAZON - KEY TAGS W/ SPLIT	09/27/2018	152.48	152.48	10/18/2018
2469	BMO HARRIS MASTERCARD	249969766	EREPLACEMNTPARTS.COM	10/02/2018	160.23	160.23	10/18/2018
Total 10-81-350:					389.50	389.50	
10-81-510							
2469	BMO HARRIS MASTERCARD	245788207	KELPMEDIA	09/10/2018	39.95	39.95	10/18/2018
Total 10-81-510:					39.95	39.95	

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
10-81-533							
2469	BMO HARRIS MASTERCARD	246241952	AMAZON - TOOLS	09/13/2018	375.97	375.97	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-198576	PUNCH SET	09/05/2018	102.51	102.51	10/18/2018
5788	MITCHELL 1	IB2202236	WEB TEAMWORKS	09/24/2018	237.65	237.65	10/11/2018
5788	MITCHELL 1	IB22137075	WEB TEAMWORKS	10/22/2018	248.56	248.56	10/31/2018
5526	RWC INTERNATIONAL, LTD	134318T	WRE SET	10/15/2018	100.19	100.19	10/23/2018
6880	SAFFORD BUILDERS SUPPLY C	791583	KNEE PAD	10/16/2018	23.83	23.83	10/31/2018
7232	SNAP ON TOOLS	10091829059	MAG MIRROR KIT	10/09/2018	218.09	218.09	10/23/2018
Total 10-81-533:					1,306.80	1,306.80	
10-81-540							
6520	QUILL CORPORATION	1312723	OFFICE SUPPLIES	09/19/2018	11.33	11.33	10/11/2018
6520	QUILL CORPORATION	1500247	OFFICE SUPPLIES	09/26/2018	12.50	12.50	10/11/2018
6520	QUILL CORPORATION	1568568	OFFICE SUPPLIES	09/28/2018	5.55	5.55	10/11/2018
6520	QUILL CORPORATION	1642124	OFFICE SUPPLIES	10/02/2018	9.24	9.24	10/11/2018
6520	QUILL CORPORATION	1711687	OFFICE SUPPLIES	10/04/2018	6.30	6.30	10/18/2018
6520	QUILL CORPORATION	1926323	OFFICE SUPPLIES	10/12/2018	11.11	11.11	10/23/2018
6520	QUILL CORPORATION	1929295	OFFICE SUPPLIES	10/12/2018	1.37	1.37	10/23/2018
6520	QUILL CORPORATION	2040556	OFFICE SUPPLIES	10/17/2018	6.59	6.59	10/31/2018
6520	QUILL CORPORATION	2076146	OFFICE SUPPLIES	10/18/2018	1.11	1.11	10/31/2018
6520	QUILL CORPORATION	2077329	OFFICE SUPPLIES	10/18/2018	3.56	3.56	10/31/2018
6520	QUILL CORPORATION	2141465	OFFICE SUPPLIES	10/22/2018	12.83	12.83	10/31/2018
6520	QUILL CORPORATION	2186534	OFFICE SUPPLIES	10/23/2018	1.28	1.28	10/31/2018
Total 10-81-540:					82.77	82.77	
10-81-541							
2469	BMO HARRIS MASTERCARD	246241954	TRACTOR SUPPLY - BALER BEL	09/11/2018	46.90	46.90	10/18/2018
2210	MSC INDUSTRIAL SUPPLY CO	2434181001	NUTS & BOLTS	09/24/2018	199.28	199.28	10/11/2018
2210	MSC INDUSTRIAL SUPPLY CO	2485945001	NUTS & BOLTS	10/15/2018	231.45	231.45	10/31/2018
6180	PECK'S WELDING	158339	SQ TUBE	10/17/2018	172.69	172.69	10/23/2018
Total 10-81-541:					650.32	650.32	
10-81-542							
2469	BMO HARRIS MASTERCARD	245925224	HOME DEPOT - SWIVEL BRAKE	09/10/2018	153.34	153.34	10/18/2018
2469	BMO HARRIS MASTERCARD	246241953	HOME DEPOT - CHARGER	09/11/2018	211.74	211.74	10/18/2018
2469	BMO HARRIS MASTERCARD	2464884406	HOME DEPOT - ELECTRICAL TA	09/12/2018	21.71	21.71	10/18/2018
2469	BMO HARRIS MASTERCARD	247920267	TRACTOR SUPPLY - PULLEY	09/19/2018	53.93	53.93	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-202083	SHOP	09/26/2018	149.23	149.23	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	790780	SUPPLIES	10/09/2018	165.11	165.11	10/31/2018
Total 10-81-542:					755.06	755.06	
10-81-543							
2469	BMO HARRIS MASTERCARD	247131502	SUPPLIES	09/17/2018	32.88	32.88	10/18/2018
Total 10-81-543:					32.88	32.88	
10-81-555							
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	930.74	930.74	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.17	166.17	10/23/2018
Total 10-81-555:					1,096.91	1,096.91	
10-81-590							
8235	WATER DEPOT	3980	REFILL	10/29/2018	60.00	60.00	10/31/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-81-590:					60.00	60.00	
10-84-150							
1930	ARIZONA STATE PRISON - SAF	S01111180913	LABOR	09/18/2018	127.50	127.50	10/11/2018
1930	ARIZONA STATE PRISON - SAF	TOT19-07	LABOR	10/16/2018	6.39	6.39	10/23/2018
Total 10-84-150:					133.89	133.89	
10-84-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	7.12	7.12	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	1.66	1.66	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	78.85	78.85	10/18/2018
Total 10-84-310:					87.63	87.63	
10-84-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	6.83	6.83	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	4.20	4.20	10/31/2018
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	138.43	138.43	10/11/2018
Total 10-84-311:					149.46	149.46	
10-84-341							
2320	CHASE CARD SERVICES	092618HERITA	IMPELLER ASSEMBLY	09/26/2018	4,501.50	4,501.50	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-198443	PRESSURE REG	09/04/2018	270.94	270.94	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-200659	SEMI-MET PAD	09/18/2018	11.46	11.46	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-200773	CAR/TURNED	09/19/2018	30.00	30.00	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-200792	OIL SEAL	09/19/2018	59.79	59.79	10/18/2018
5670	MERLES AUTOMOTIVE SUPPLY	11148281	A/C HOSE	09/12/2018	31.97	31.97	10/18/2018
5670	MERLES AUTOMOTIVE SUPPLY	11148402	BASH EDITION 6	09/13/2018	198.55	198.55	10/18/2018
5670	MERLES AUTOMOTIVE SUPPLY	11148693	SEMI METAL	09/18/2018	38.17	38.17	10/18/2018
7965	UNITED TRUCK & EQUIPMENT	00227777	SPRAY HEAD VALVE	08/16/2018	430.06	430.06	10/23/2018
7965	UNITED TRUCK & EQUIPMENT	00227787	MECH SEAL KIT	08/16/2018	108.20	108.20	10/23/2018
7965	UNITED TRUCK & EQUIPMENT	00228145	SEAL KIT	08/28/2018	250.36	250.36	10/23/2018
Total 10-84-341:					5,931.00	5,931.00	
10-84-349							
7030	SCARBOROUGH PLUMBING	11250	CHURCH & 3RD RENTAL	09/30/2018	75.00	75.00	10/11/2018
Total 10-84-349:					75.00	75.00	
10-84-350							
2469	BMO HARRIS MASTERCARD	245275197	TRACTOR SUPPLY - LOCK BOX	09/06/2018	306.83	306.83	10/18/2018
2469	BMO HARRIS MASTERCARD	246484403	AMAZON- SIDE STEPS	09/14/2018	189.99	189.99	10/18/2018
2469	BMO HARRIS MASTERCARD	246484404	HOME DEPOT - SPADE BIT SET	09/13/2018	44.73	44.73	10/18/2018
2469	BMO HARRIS MASTERCARD	246484405	HOME DEPOT - DEVICE COVER	09/13/2018	22.46	22.46	10/18/2018
2469	BMO HARRIS MASTERCARD	247356316	HOME DEPOT - EXTENSION CO	09/17/2018	151.64	151.64	10/18/2018
2469	BMO HARRIS MASTERCARD	247920359	HOME DEPOT - STL ROUND TU	09/19/2018	81.37	81.37	10/18/2018
2469	BMO HARRIS MASTERCARD	249632239	TRACTOR SUPPLY-FLOOR MAT	09/28/2018	103.83	103.83	10/18/2018
5950	NCE MANAGEMENT TRUST	59910	KEYS	10/10/2018	5.00	5.00	10/18/2018
5950	NCE MANAGEMENT TRUST	59924	KEYS	10/15/2018	3.00	3.00	10/18/2018
Total 10-84-350:					908.85	908.85	
10-84-360							
2469	BMO HARRIS MASTERCARD	246241955	HOME DEPOT - BUTCHER SHO	09/11/2018	374.94	374.94	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
2469	BMO HARRIS MASTERCARD	246241956	BUTCHER SHOP	09/11/2018	901.42	901.42	10/18/2018
2469	BMO HARRIS MASTERCARD	247587847	HOME DEPOT - BUTCHER SHO	09/18/2018	69.99	69.99	10/18/2018
2469	BMO HARRIS MASTERCARD	249632238	HOME DEPOT - STREETS	09/28/2018	223.49	223.49	10/18/2018
2469	BMO HARRIS MASTERCARD	250687150	HOME DEPOT - 2X6X16	10/03/2018	135.45	135.45	10/18/2018
2830	C E S SAFFORD	SAF038658	RAD ELBOW	10/09/2018	252.47	252.47	10/23/2018
2830	C E S SAFFORD	SAF038667	PVC CEMENT	10/10/2018	59.64	59.64	10/23/2018
3145	CKC MATERIALS DIVISION	C1424	CONCRETE- COLLEGE	09/30/2018	2,025.40	2,025.40	10/31/2018
3145	CKC MATERIALS DIVISION	CI-485	CARTER PLANT PAVING	09/30/2018	18,644.64	18,644.64	10/18/2018
3145	CKC MATERIALS DIVISION	T3094	ABC	09/30/2018	2,602.71	2,602.71	10/31/2018
6180	PECK'S WELDING	158338	ROD	10/15/2018	554.32	554.32	10/23/2018
6880	SAFFORD BUILDERS SUPPLY C	787286	WIRE TIE RE BAR	09/10/2018	1,382.65	1,382.65	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	787465	2X4X8	09/12/2018	272.20	272.20	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	787468	HV Bx100	09/12/2018	40.39	40.39	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	788493	FLAT IRON	09/20/2018	43.39	43.39	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	790206	RE MESH	10/03/2018	285.34	285.34	10/31/2018
6880	SAFFORD BUILDERS SUPPLY C	796589	MARKING PAINT	09/05/2018	109.15	109.15	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	K18602	SIDING	10/17/2018	33.14	33.14	10/31/2018
7820	TRI COUNTY MATERIALS INC	76344	CONCRETE- BUTCHERSHOP	09/11/2018	1,108.64	1,108.64	10/18/2018
7820	TRI COUNTY MATERIALS INC	76364	CONCRETE- BUTCHERSHOP	09/12/2018	1,108.64	1,108.64	10/18/2018
7820	TRI COUNTY MATERIALS INC	76420	NON SHRINK	09/19/2018	415.74	415.74	10/18/2018
7820	TRI COUNTY MATERIALS INC	M35753	SAND	09/05/2018	232.52	232.52	10/18/2018
7820	TRI COUNTY MATERIALS INC	M35763	AB	09/05/2018	936.63	936.63	10/18/2018
Total 10-84-360:					31,812.90	31,812.90	
10-84-505							
2320	CHASE CARD SERVICES	092518ASU	PAVING CONFERENCE	09/25/2018	550.00	550.00	10/18/2018
Total 10-84-505:					550.00	550.00	
10-84-533							
2469	BMO HARRIS MASTERCARD	247587846	HOME DEPOT - STREETS	09/18/2018	274.23	274.23	10/18/2018
2469	BMO HARRIS MASTERCARD	248938358	HOME DEPOT - ROTOR	09/25/2018	18.71	18.71	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	791907	PAINTBRUSH	10/18/2018	8.27	8.27	10/31/2018
6880	SAFFORD BUILDERS SUPPLY C	791972	RE BAR CAP	10/18/2018	10.35	10.35	10/31/2018
Total 10-84-533:					311.56	311.56	
10-84-541							
2469	BMO HARRIS MASTERCARD	247920360	HOME DEPOT - STREETS	09/19/2018	369.45	369.45	10/18/2018
2469	BMO HARRIS MASTERCARD	248276615	HOME DEPOT - STREETS	09/21/2018	144.84	144.84	10/18/2018
4678	HD SUPPLY WHITE CAP	10009249719	CEMENT TOOLS	08/16/2018	398.36	398.36	10/18/2018
2210	MSC INDUSTRIAL SUPPLY CO	2434181001	NUTS & BOLTS	09/24/2018	199.28	199.28	10/11/2018
2210	MSC INDUSTRIAL SUPPLY CO	2485945001	NUTS & BOLTS	10/15/2018	231.45	231.45	10/31/2018
5950	NCE MANAGEMENT TRUST	59782	WEEDEATER LINE	09/20/2018	70.00	70.00	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	792700	SUPPLIES	10/25/2018	20.72	20.72	10/31/2018
1818	STOTZ EQUIPMENT	LATECH09291	CHARGE	09/29/2018	3.65	3.65	10/18/2018
1818	STOTZ EQUIPMENT	P33290	A-25-2 HEAD	08/28/2018	21.81	21.81	10/18/2018
1818	STOTZ EQUIPMENT	P33506	BLADE	09/19/2018	59.49	59.49	10/18/2018
8360	WINZER	6219520	SAFETY GLASS	09/27/2018	1,558.22	1,558.22	10/23/2018
Total 10-84-541:					3,077.27	3,077.27	
10-84-542							
6880	SAFFORD BUILDERS SUPPLY C	787348	FACE SHIELD	09/11/2018	215.45	215.45	10/18/2018
6880	SAFFORD BUILDERS SUPPLY C	917747	FASTENERS	09/24/2018	22.03	22.03	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 10-84-542:					237.48	237.48	
10-84-543							
6880	SAFFORD BUILDERS SUPPLY C	K35081	OXY CLEAN	10/23/2018	16.15	16.15	10/31/2018
Total 10-84-543:					16.15	16.15	
10-84-553							
4540	HARALSON'S TIRE CO. INC.	266310	TIRES	10/17/2018	658.95	658.95	10/23/2018
Total 10-84-553:					658.95	658.95	
10-84-555							
1396	AMSOIL INC	18036238 RI	SYNTHETIC 10W30	09/26/2018	1,210.31	1,210.31	10/18/2018
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	1,632.49	1,632.49	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.16	166.16	10/23/2018
1818	STOTZ EQUIPMENT	P33337	FUEL	09/04/2018	34.90	34.90	10/18/2018
6294	WESTERN REFINING WHOLES	359871CT	RED DYE	09/30/2018	655.33	655.33	10/11/2018
Total 10-84-555:					3,699.19	3,699.19	
10-84-590							
2469	BMO HARRIS MASTERCARD	248474521	WATER- GRAVE SITE	09/24/2018	23.58	23.58	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-200759	FLOOR MAT	09/19/2018	55.38	55.38	10/18/2018
Total 10-84-590:					78.96	78.96	
10-84-665							
7820	TRI COUNTY MATERIALS INC	M35904	CONCRETE SAND	09/20/2018	282.81	282.81	10/18/2018
Total 10-84-665:					282.81	282.81	
10-84-667							
4125	FERTIZONA - THATCHER, LLC	19022972	TRIPLET SF	10/03/2018	85.28	85.28	10/18/2018
Total 10-84-667:					85.28	85.28	
10-84-741							
8120	UNITED RENTALS(N. AMERICA)	162372814-00	STIHL SAW CUT	10/17/2018	889.17	889.17	10/23/2018
Total 10-84-741:					889.17	889.17	
10-85-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	9.41	9.41	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	2.19	2.19	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	104.20	104.20	10/18/2018
Total 10-85-310:					115.80	115.80	
10-85-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	8.23	8.23	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	5.07	5.07	10/31/2018
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	166.87	166.87	10/11/2018
Total 10-85-311:					180.17	180.17	

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
10-85-344							
2972	CMI QUICK COPY	37051	printing & advertising	10/01/2018	50.39	50.39	10/18/2018
5080	DOUBLE-R COMMUNICATIONS	129-00012-001	PRINTING & ADVERTISING	09/30/2018	42.50	42.50	10/11/2018
Total 10-85-344:					92.89	92.89	
10-85-505							
2469	BMO HARRIS MASTERCARD	249969769	AZBO	10/02/2018	625.00	625.00	10/18/2018
2320	CHASE CARD SERVICES	092518ASU	PAVING CONFERENCE	09/25/2018	275.00	275.00	10/18/2018
204	MIKE PAYNE	AZBO 2018	AZBO TRAINING	10/17/2018	244.00	244.00	10/23/2018
Total 10-85-505:					1,144.00	1,144.00	
10-85-540							
6520	QUILL CORPORATION	1312723	OFFICE SUPPLIES	09/19/2018	26.43	26.43	10/11/2018
6520	QUILL CORPORATION	1500247	OFFICE SUPPLIES	09/26/2018	29.17	29.17	10/11/2018
6520	QUILL CORPORATION	1568568	OFFICE SUPPLIES	09/28/2018	12.95	12.95	10/11/2018
6520	QUILL CORPORATION	1642124	OFFICE SUPPLIES	10/02/2018	21.55	21.55	10/11/2018
6520	QUILL CORPORATION	1711687	OFFICE SUPPLIES	10/04/2018	14.69	14.69	10/18/2018
6520	QUILL CORPORATION	1926323	OFFICE SUPPLIES	10/12/2018	25.91	25.91	10/23/2018
6520	QUILL CORPORATION	1929295	OFFICE SUPPLIES	10/12/2018	3.20	3.20	10/23/2018
6520	QUILL CORPORATION	2040556	OFFICE SUPPLIES	10/17/2018	15.38	15.38	10/31/2018
6520	QUILL CORPORATION	2076146	OFFICE SUPPLIES	10/18/2018	2.59	2.59	10/31/2018
6520	QUILL CORPORATION	2077329	OFFICE SUPPLIES	10/18/2018	8.31	8.31	10/31/2018
6520	QUILL CORPORATION	2141465	OFFICE SUPPLIES	10/22/2018	29.94	29.94	10/31/2018
6520	QUILL CORPORATION	2186534	OFFICE SUPPLIES	10/23/2018	2.98	2.98	10/31/2018
Total 10-85-540:					193.10	193.10	
10-85-555							
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	263.10	263.10	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.16	166.16	10/23/2018
Total 10-85-555:					429.26	429.26	
10-85-747							
2469	BMO HARRIS MASTERCARD	249632237	MICROSOFT	09/30/2018	250.92	250.92	10/18/2018
Total 10-85-747:					250.92	250.92	
10-85-748							
2320	CHASE CARD SERVICES	092618	CDW GOVT	09/26/2018	4,378.88	4,378.88	10/18/2018
Total 10-85-748:					4,378.88	4,378.88	
10-87-852							
6115	BOWMAN CONSULTING	259921	IMAGERY/SOCCER FIELDS	09/30/2018	900.00	900.00	10/18/2018
Total 10-87-852:					900.00	900.00	
10-87-853							
6037	OB SPORTS GOLF MANAGEME	TT100418	GC TAXES 1ST QT 6/30/19	10/04/2018	2,780.63	2,780.63	10/11/2018
Total 10-87-853:					2,780.63	2,780.63	
45-83-334							
4302	CITY OF SAFFORD	01-432.01/093	LANDFILL	09/30/2018	9,216.31	9,216.31	10/11/2018
8205	VISTA RECYCLING	9375778	RED LAMP ACCOUNT	09/27/2018	931.33	931.33	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 45-83-334:					10,147.64	10,147.64	
45-83-341							
4000	EMPIRE SOUTHWEST	EMPS4491254	CONNECTOR	10/10/2018	7.25	7.25	10/23/2018
3075	FIRST CALL AUTO PARTS	2752-202095	MICRO-V BELT	09/26/2018	25.25	25.25	10/18/2018
3075	FIRST CALL AUTO PARTS	2752-202220	ELECTRIC F/PUMP	09/27/2018	88.59	88.59	10/18/2018
3800	GOODMAN AG	CS00812	BATTERY	10/10/2018	120.36	120.36	10/23/2018
3800	GOODMAN AG	CS01064	RATCHET	10/22/2018	55.98	55.98	10/23/2018
3800	GOODMAN AG	CS01072	O-RING	10/22/2018	7.56	7.56	10/23/2018
8175	INTERSTATE BILLING SERVICE,	104262TU	GAUGE	08/24/2018	915.87	915.87	10/11/2018
5526	RWC INTERNATIONAL, LTD	134727T	GASKET	10/23/2018	226.01	226.01	10/31/2018
Total 45-83-341:					1,446.87	1,446.87	
45-83-541							
2210	MSC INDUSTRIAL SUPPLY CO	2434181001	NUTS & BOLTS	09/24/2018	199.28	199.28	10/11/2018
2210	MSC INDUSTRIAL SUPPLY CO	2485945001	NUTS & BOLTS	10/15/2018	231.45	231.45	10/31/2018
Total 45-83-541:					430.73	430.73	
45-83-553							
2545	BIG O TIRES	004224-36907	TIRES-GARBAGE TRUCK	09/12/2018	360.59	360.59	10/18/2018
3765	EAST PENN MANUFACTURING	7152813	BATTERIES	10/05/2018	316.80	316.80	10/23/2018
Total 45-83-553:					677.39	677.39	
45-83-555							
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	2,214.50	2,214.50	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.16	166.16	10/23/2018
Total 45-83-555:					2,380.66	2,380.66	
50-86-150							
1930	ARIZONA STATE PRISON - SAF	S01111180913	LABOR	09/18/2018	.00	.00	10/23/2018
1930	ARIZONA STATE PRISON - SAF	TOT19-07	LABOR	10/16/2018	6.40	6.40	10/23/2018
Total 50-86-150:					6.40	6.40	
50-86-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	4.71	4.71	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	1.10	1.10	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	52.10	52.10	10/18/2018
Total 50-86-310:					57.91	57.91	
50-86-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	1.40	1.40	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	.86	.86	10/31/2018
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	28.44	28.44	10/11/2018
Total 50-86-311:					30.70	30.70	
50-86-341							
3800	GOODMAN AG	CS00506	HOSE	09/27/2018	98.02	98.02	10/18/2018
1818	STOTZ EQUIPMENT	P33962	TIRE & WHEEL ASSEMBLY	10/25/2018	191.74	191.74	10/31/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 50-86-341:					289.76	289.76	
50-86-347							
2905	CASELLE, INC.	90464	SOFTWARE SUPPORT	10/01/2018	358.25	358.25	10/11/2018
Total 50-86-347:					358.25	358.25	
50-86-349							
7030	SCARBOROUGH PLUMBING	11250	COTA RANCH RENTAL	09/30/2018	35.00	35.00	10/11/2018
Total 50-86-349:					35.00	35.00	
50-86-520							
4184	FREEDOM MAILING SERVICES,	34538	OUTSOURCE BILLING	10/05/2018	161.79	161.79	10/11/2018
Total 50-86-520:					161.79	161.79	
50-86-541							
2210	MSC INDUSTRIAL SUPPLY CO	2434181001	NUTS & BOLTS	09/24/2018	63.77	63.77	10/11/2018
2210	MSC INDUSTRIAL SUPPLY CO	2485945001	NUTS & BOLTS	10/15/2018	74.06	74.06	10/31/2018
6880	SAFFORD BUILDERS SUPPLY C	788141	SEWER	09/17/2018	122.53	122.53	10/18/2018
Total 50-86-541:					260.36	260.36	
50-86-555							
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	587.95	587.95	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.16	166.16	10/23/2018
7314	SOUTHWESTERN BG, INC	49360	GREASE	10/23/2018	160.28	160.28	10/31/2018
Total 50-86-555:					914.39	914.39	
50-86-748							
3435	DAN MARTIN	6036	IT CONSULTING	10/23/2018	600.00	600.00	10/31/2018
Total 50-86-748:					600.00	600.00	
50-86-750							
2320	CHASE CARD SERVICES	082918	CARID.COM	08/29/2018	2,257.52	2,257.52	10/18/2018
Total 50-86-750:					2,257.52	2,257.52	
50-86-760							
7472	SUN PUMPS SOLAR POWER S	52153	SOLAR UNIT/SEWER PONDS	10/04/2018	11,900.00	11,900.00	10/23/2018
Total 50-86-760:					11,900.00	11,900.00	
55-21350							
10143	SARAH HARVEY	100118	DEPOSIT REFUND	10/16/2018	12.13	12.13	10/18/2018
Total 55-21350:					12.13	12.13	
55-33-300							
10143	ANNA MORALES	101618	OVERPAYMENT ON ELECTRIC	10/16/2018	21.57	21.57	10/18/2018
10143	JACE HARDY	101618	OVERPAYMENT ON ELECTRIC	10/16/2018	46.18	46.18	10/18/2018
10143	JAMES DARELL	101618	OVERPAYMENT ON ELECTRIC	10/16/2018	24.07	24.07	10/18/2018
10143	OLIVER OR JORDIN ARMORED	101618	OVERPAYMENT ON ELECTRIC	10/16/2018	37.42	37.42	10/18/2018
10143	PAMELA BOURNIQUE	101618	OVERPAYMENT ON ELECTRIC	10/16/2018	133.00	133.00	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
Total 55-33-300:					262.24	262.24	
55-88-150							
1930	ARIZONA STATE PRISON - SAF	S01111180913	LABOR	09/18/2018	26.25	26.25	10/11/2018
1930	ARIZONA STATE PRISON - SAF	TOT19-07	LABOR	10/16/2018	6.40	6.40	10/23/2018
Total 55-88-150:					32.65	32.65	
55-88-310							
8050	CENTURY LINK	9284285110/09	TELEPHONE	09/22/2018	13.98	13.98	10/11/2018
4364	IMPACT TELECOM	608654754	LONG DISTANCE	10/10/2018	3.25	3.25	10/23/2018
8130	VALLEY TELECOM	33664-002/101	TELEPHONE	10/15/2018	154.88	154.88	10/18/2018
Total 55-88-310:					172.11	172.11	
55-88-311							
7827	TRANSWORLD NETWORK COR	0000434842-0	INTERNET	10/16/2018	8.24	8.24	10/23/2018
7827	TRANSWORLD NETWORK COR	14465286-A8	INTERNET	10/22/2018	5.06	5.06	10/31/2018
8195	VERIZON WIRELESS	9815409890	AIR CARDS/CELL	09/26/2018	166.87	166.87	10/11/2018
Total 55-88-311:					180.17	180.17	
55-88-325							
5235	K.R. SALINE & ASSOCIATES, PL	TCH324	CONSULTING SERVICES	09/30/2018	246.26	246.26	10/11/2018
Total 55-88-325:					246.26	246.26	
55-88-344							
2972	CMI QUICK COPY	37051	printing & advertising	10/01/2018	39.19	39.19	10/18/2018
5080	DOUBLE-R COMMUNICATIONS	129-00012-001	PRINTING & ADVERTISING	09/30/2018	29.75	29.75	10/11/2018
Total 55-88-344:					68.94	68.94	
55-88-347							
2905	CASELLE, INC.	90464	SOFTWARE SUPPORT	10/01/2018	358.25	358.25	10/11/2018
Total 55-88-347:					358.25	358.25	
55-88-381							
7355	ARIZONA ELECTRIC POWER C	SEPT 2018	TRANSMISSION SERVICES	10/10/2018	33,642.17	33,642.17	10/18/2018
4406	GRAHAM CO UTILITIES	SEPT 2018	WHEELING	10/11/2018	108,082.00	108,082.00	10/18/2018
Total 55-88-381:					141,724.17	141,724.17	
55-88-385							
1885	ARIZONA POWER AUTHORITY	OY2018-0937	PURCHASE OF POWER	10/01/2018	3,266.24	3,266.24	10/11/2018
2728	BUREAU OF RECLAMATION	90679397	ADVANCE FUNDS CONTRACT	10/15/2018	4,894.85	4,894.85	10/31/2018
7333	SOUTHWEST PUBLIC POWER	2132	PUCHASE OF POWER	10/24/2018	151,812.51	151,812.51	10/31/2018
8005	US DEPARTMENT OF ENERGY	985300	PARKER DAVIS FIRM ELECTRIC	09/30/2018	1,460.00	1,460.00	10/11/2018
8005	US DEPARTMENT OF ENERGY	985563	POINT TO POINT TRANSMISSIO	10/05/2018	343.10	343.10	10/18/2018
8005	US DEPARTMENT OF ENERGY	GG1229B0918	PURCHASE OF POWER	10/03/2018	2,434.50	2,434.50	10/11/2018
8005	US DEPARTMENT OF ENERGY	JJPB1229A091	PURCHASE OF POWER	10/10/2018	4,783.15	4,783.15	10/18/2018
Total 55-88-385:					168,994.35	168,994.35	
55-88-510							
1465	AMERICAN PUBLIC POWER	318792	APPA DUES	09/18/2018	1,507.37	1,507.37	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
1465	AMERICAN PUBLIC POWER	318886	DEED DUES	09/18/2018	301.47	301.47	10/18/2018
1840	ARIZONA MUNICIPAL POWER U	070118-093018	Dues/Subscriptions	09/30/2018	750.00	750.00	10/11/2018
1840	ARIZONA MUNICIPAL POWER U	CREDA 070118	CREDA DUES	09/30/2018	62.47	62.47	10/11/2018
Total 55-88-510:					2,621.31	2,621.31	
55-88-520							
4184	FREEDOM MAILING SERVICES,	34538	OUTSOURCE BILLING	10/05/2018	161.79	161.79	10/11/2018
6052	ON LINE COLLECTIONS	206600000119	COMMISSION ON COLLECTED	10/01/2018	86.71	86.71	10/11/2018
Total 55-88-520:					248.50	248.50	
55-88-525							
2780	BYRAM LABORATORIES	34506	AMR DATA TRANSFERS	09/28/2018	1,173.20	1,173.20	10/11/2018
Total 55-88-525:					1,173.20	1,173.20	
55-88-533							
2830	C E S SAFFORD	SAF038525	FISH TAPE	09/26/2018	81.78	81.78	10/23/2018
4510	GRAINGER, INC	9723579596	TAPER	03/09/2018	18.19	18.19	10/18/2018
4645	HOME DEPOT CREDIT SERVIC	3010524	CUT OFF BLADE	10/02/2018	51.02	51.02	10/23/2018
4645	HOME DEPOT CREDIT SERVIC	43732	FISH TAPE	09/25/2018	53.56	53.56	10/23/2018
4645	HOME DEPOT CREDIT SERVIC	5043330	BOOSTER CABLE	09/20/2018	31.57	31.57	10/23/2018
4645	HOME DEPOT CREDIT SERVIC	9043766	ORGANIZER	09/26/2018	51.15	51.15	10/23/2018
6880	SAFFORD BUILDERS SUPPLY C	791864	FASTENERS	10/18/2018	72.19	72.19	10/31/2018
7795	TRACTOR SUPPLY CREDIT PLA	100210937	SS SHACKLE	09/06/2018	89.41	89.41	10/18/2018
7795	TRACTOR SUPPLY CREDIT PLA	200226881	MAGNETIC NUT SOCKET	08/30/2018	61.01	61.01	10/18/2018
Total 55-88-533:					509.88	509.88	
55-88-535							
4184	FREEDOM MAILING SERVICES,	34538	POSTAGE	10/05/2018	919.63	919.63	10/11/2018
6355	PITNEY BOWES	101018	POSTAGE	10/10/2018	232.84	232.84	10/11/2018
Total 55-88-535:					1,152.47	1,152.47	
55-88-540							
6520	QUILL CORPORATION	1312723	OFFICE SUPPLIES	09/19/2018	26.43	26.43	10/11/2018
6520	QUILL CORPORATION	1500247	OFFICE SUPPLIES	09/26/2018	29.17	29.17	10/11/2018
6520	QUILL CORPORATION	1568568	OFFICE SUPPLIES	09/28/2018	12.95	12.95	10/11/2018
6520	QUILL CORPORATION	1642124	OFFICE SUPPLIES	10/02/2018	21.55	21.55	10/11/2018
6520	QUILL CORPORATION	1711687	OFFICE SUPPLIES	10/04/2018	14.69	14.69	10/18/2018
6520	QUILL CORPORATION	1926323	OFFICE SUPPLIES	10/12/2018	25.91	25.91	10/23/2018
6520	QUILL CORPORATION	1929295	OFFICE SUPPLIES	10/12/2018	3.20	3.20	10/23/2018
6520	QUILL CORPORATION	2040556	OFFICE SUPPLIES	10/17/2018	15.38	15.38	10/31/2018
6520	QUILL CORPORATION	2076146	OFFICE SUPPLIES	10/18/2018	2.59	2.59	10/31/2018
6520	QUILL CORPORATION	2077329	OFFICE SUPPLIES	10/18/2018	8.31	8.31	10/31/2018
6520	QUILL CORPORATION	2141465	OFFICE SUPPLIES	10/22/2018	29.94	29.94	10/31/2018
6520	QUILL CORPORATION	2186534	OFFICE SUPPLIES	10/23/2018	2.98	2.98	10/31/2018
Total 55-88-540:					193.10	193.10	
55-88-541							
2469	BMO HARRIS MASTERCARD	247131503	SUPERIOR CLEAN	09/17/2018	77.44	77.44	10/18/2018
4645	HOME DEPOT CREDIT SERVIC	5033038	CONDUIT HANGER	09/20/2018	78.17	78.17	10/23/2018
2210	MSC INDUSTRIAL SUPPLY CO	2434181001	NUTS & BOLTS	09/24/2018	71.72	71.72	10/11/2018
2210	MSC INDUSTRIAL SUPPLY CO	2485945001	NUTS & BOLTS	10/15/2018	83.31	83.31	10/31/2018
6880	SAFFORD BUILDERS SUPPLY C	786055	BALL VALVE	08/30/2018	59.39	59.39	10/18/2018

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
6880	SAFFORD BUILDERS SUPPLY C	788438	ROCKER SWITCH	09/19/2018	24.62	24.62	10/18/2018
Total 55-88-541:					394.65	394.65	
55-88-542							
4645	HOME DEPOT CREDIT SERVIC	4042689	THREAD SEALANT	09/11/2018	10.82	10.82	10/23/2018
4645	HOME DEPOT CREDIT SERVIC	4582043	LEVELING SEALANT	09/11/2018	64.36	64.36	10/23/2018
4645	HOME DEPOT CREDIT SERVIC	6583053	LEVELING SEALANT	10/09/2018	36.49	36.49	10/23/2018
Total 55-88-542:					111.67	111.67	
55-88-555							
2469	BMO HARRIS MASTERCARD	245275196	GRIFFIN PROPANE	09/04/2018	43.70	43.70	10/18/2018
7945	SENERGY PETROLEUM	483351	GAS/DIESEL	10/09/2018	934.39	934.39	10/11/2018
7945	SENERGY PETROLEUM	484102	GAS/DIESEL	10/11/2018	166.16	166.16	10/23/2018
7314	SOUTHWESTERN BG, INC	49313	BRAKE CLEANER	10/09/2018	111.31	111.31	10/23/2018
Total 55-88-555:					1,255.56	1,255.56	
55-88-590							
2469	BMO HARRIS MASTERCARD	250244903	GENIE COMPANY	10/03/2018	142.24	142.24	10/18/2018
2469	BMO HARRIS MASTERCARD	250687135	WALMART	10/04/2018	44.60	44.60	10/18/2018
Total 55-88-590:					186.84	186.84	
55-88-748							
3435	DAN MARTIN	6036	IT CONSULTING	10/23/2018	600.00	600.00	10/31/2018
Total 55-88-748:					600.00	600.00	
55-88-750							
2320	CHASE CARD SERVICES	082918	CARID.COM	08/29/2018	2,257.52	2,257.52	10/18/2018
Total 55-88-750:					2,257.52	2,257.52	
55-88-760							
2830	C E S SAFFORD	L04F3E	SUPPLIES	10/25/2018	2.17	2.17	10/31/2018
2830	C E S SAFFORD	SAF/001731	CREDIT	10/19/2018	46.08	46.08	10/31/2018
2830	C E S SAFFORD	SAF/038610	BYPAS	10/04/2018	49.10	49.10	10/31/2018
2830	C E S SAFFORD	SAF/038715	END CAPS	10/15/2018	10.16	10.16	10/31/2018
2830	C E S SAFFORD	SAF/038718	REDUCER BUSHING	10/15/2018	47.35	47.35	10/31/2018
2830	C E S SAFFORD	SAF038672	COUPLING	10/10/2018	80.07	80.07	10/23/2018
2830	C E S SAFFORD	SAF038676	DEG ELBOW	10/10/2018	89.96	89.96	10/23/2018
4406	GRAHAM CO UTILITIES	W/O SEPT 201	W/O SEPT 2018	10/11/2018	5,695.40	5,695.40	10/18/2018
4645	HOME DEPOT CREDIT SERVIC	4044122	STEEL BRUSH	10/01/2018	39.77	39.77	10/23/2018
4645	HOME DEPOT CREDIT SERVIC	7582297	GROUNDING PLUG	09/18/2018	33.28	33.28	10/23/2018
Total 55-88-760:					6,001.18	6,001.18	
55-88-781							
2830	C E S SAFFORD	SAF/038758	CONCRETE PULL BOX	10/18/2018	133.24	133.24	10/31/2018
2830	C E S SAFFORD	SAF/038826	HALCO	10/25/2018	87.82	87.82	10/31/2018
2830	C E S SAFFORD	SAF038504	HALCO	09/24/2018	144.68	144.68	10/23/2018
Total 55-88-781:					365.74	365.74	
55-88-850							
4406	GRAHAM CO UTILITIES	CHURCH ST -	CHURCH ST PROJECT	10/04/2018	37,356.80	37,356.80	10/11/2018

TOWN OF THATCHER
FUND SUMMARY
FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	VARIANCE	PCNT
<u>REVENUE</u>					
TOWN TAXES	312,893.20	1,111,533.93	3,050,000.00	1,938,466.07	36.4
INTERGOVERNMENTAL REVENUE	113,131.26	462,072.49	1,422,042.00	959,969.51	32.5
CHARGES FOR SERVICES	5,751.44	27,575.90	320,150.00	292,574.10	8.6
LICENSES/PERMITS	1,760.50	8,634.50	37,050.00	28,415.50	23.3
FINES/FOREITS	.00	.00	50.00	50.00	.0
MISCELLANEOUS	7,614.21	8,034.21	26,200.00	18,165.79	30.7
INTEREST ON INVESTMENTS	12,410.29	51,168.67	85,000.00	33,831.33	60.2
SOURCE 39	.00	.00	.00	.00	.0
	<u>453,560.90</u>	<u>1,669,019.70</u>	<u>4,940,492.00</u>	<u>3,271,472.30</u>	<u>33.8</u>
<u>EXPENDITURES</u>					
MAYOR AND COUNCIL	2,725.15	76,396.80	268,518.50	192,121.70	28.5
ADMINISTRATION	22,931.59	86,565.38	285,070.50	198,505.12	30.4
MAGISTRATE	21,001.56	53,859.34	204,480.00	150,620.66	26.3
COMMUNITY DEVELOPMENT	.00	.00	.00	.00	.0
PARKS/RECREATION	35,074.33	143,422.49	469,510.00	326,087.51	30.6
POLICE	252,690.21	754,033.87	2,299,053.57	1,545,019.70	32.8
FIRE	16,281.97	44,415.81	122,825.00	78,409.19	36.2
SHOP	20,745.87	87,343.43	297,632.00	210,288.57	29.4
SANITATION	.00	.00	.00	.00	.0
STREETS	82,119.32	242,567.49	626,194.50	383,627.01	38.7
COMMUNITY DEVELOPMENT	31,014.57	99,257.67	467,151.10	367,893.43	21.3
MISCELLANEOUS EXPENSES	3,680.63	35,805.96	2,662,500.00	2,626,694.04	1.3
	<u>488,265.20</u>	<u>1,623,668.24</u>	<u>7,702,935.17</u>	<u>6,079,266.93</u>	<u>21.1</u>
	<u>(34,704.30)</u>	<u>45,351.46</u>	<u>(2,762,443.17)</u>	<u>(2,807,794.63)</u>	<u>1.6</u>

TOWN OF THATCHER
 FUND SUMMARY
 FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

HURF FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	VARIANCE	PCNT
<u>REVENUE</u>					
INTERGOVERNMENTAL REVENUE	36,227.64	141,298.45	434,691.00	293,392.55	32.5
INTEREST ON INVESTMENTS	1.21	4.70	.00	(4.70)	.0
	<u>36,228.85</u>	<u>141,303.15</u>	<u>434,691.00</u>	<u>293,387.85</u>	<u>32.5</u>
<u>EXPENDITURES</u>					
SPECIAL REVENUE EXPENDITURES	.00	40,215.91	434,691.00	394,475.09	9.3
DEPARTMENT 87	.00	.00	.00	.00	.0
	<u>.00</u>	<u>40,215.91</u>	<u>434,691.00</u>	<u>394,475.09</u>	<u>9.3</u>
	<u><u>36,228.85</u></u>	<u><u>101,087.24</u></u>	<u><u>.00</u></u>	<u><u>(101,087.24)</u></u>	<u><u>.0</u></u>

TOWN OF THATCHER
 FUND SUMMARY
 FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

LTAF FUND

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>PCNT</u>
<u>REVENUE</u>					
INTERGOVERNMENTAL REVENUE	.00	.00	.00	.00	.0
INTEREST ON INVESTMENTS	.00	.00	.00	.00	.0
	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.0</u>
<u>EXPENDITURES</u>					
SPECIAL REVENUE EXPENDITURES	.00	.00	.00	.00	.0
	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.0</u>
	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.0</u>

TOWN OF THATCHER
 FUND SUMMARY
 FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

MISCELLANEOUS GRANTS

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>PCNT</u>
<u>REVENUE</u>					
INTERGOVERNMENTAL REVENUE	8.85	348.91	2,578,800.00	2,578,451.09	.0
SOURCE 37	.00	.00	.00	.00	.0
	<u>8.85</u>	<u>348.91</u>	<u>2,578,800.00</u>	<u>2,578,451.09</u>	<u>.0</u>
<u>EXPENDITURES</u>					
POLICE	.00	.00	.00	.00	.0
GRANT-EXPENDITURES	.00	.00	2,578,800.00	2,578,800.00	.0
	<u>.00</u>	<u>.00</u>	<u>2,578,800.00</u>	<u>2,578,800.00</u>	<u>.0</u>
	<u>8.85</u>	<u>348.91</u>	<u>.00</u>	<u>(348.91)</u>	<u>.0</u>

TOWN OF THATCHER
 FUND SUMMARY
 FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

IMPROVEMENT DISTRICT FUND

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>PCNT</u>
<u>REVENUE</u>					
SOURCE 30	.00	.00	.00	.00	.0
	.00	.00	.00	.00	.0
<u>EXPENDITURES</u>					
	.00	.00	.00	.00	.0
	.00	.00	.00	.00	.0

TOWN OF THATCHER
 FUND SUMMARY
 FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

SANITATION ENTERPRISE FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	VARIANCE	PCNT
<u>REVENUE</u>					
CHARGES FOR SERVICES	24,686.58	98,222.84	290,000.00	191,777.16	33.9
SOURCE 36	.00	.00	.00	.00	.0
INTEREST ON INVESTMENTS	.00	.00	.00	.00	.0
SOURCE 38	.00	.00	.00	.00	.0
	<u>24,686.58</u>	<u>98,222.84</u>	<u>290,000.00</u>	<u>191,777.16</u>	<u>33.9</u>
<u>EXPENDITURES</u>					
DEPARTMENT 83	22,624.16	97,852.88	583,508.40	485,655.52	16.8
	<u>22,624.16</u>	<u>97,852.88</u>	<u>583,508.40</u>	<u>485,655.52</u>	<u>16.8</u>
	<u>2,062.42</u>	<u>369.96</u>	<u>(293,508.40)</u>	<u>(293,878.36)</u>	<u>.1</u>

TOWN OF THATCHER
 FUND SUMMARY
 FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

SEWER ENTERPRISE FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	VARIANCE	PCNT
<u>REVENUE</u>					
INTERGOVERNMENTAL REVENUE	.00	.00	.00	.00	.0
CHARGES FOR SERVICES	31,073.17	125,733.08	360,000.00	234,266.92	34.9
MISCELLANEOUS	.00	.00	.00	.00	.0
INTEREST ON INVESTMENTS	.00	.00	.00	.00	.0
SOURCE 38	.00	.00	.00	.00	.0
	<u>31,073.17</u>	<u>125,733.08</u>	<u>360,000.00</u>	<u>234,266.92</u>	<u>34.9</u>
 <u>EXPENDITURES</u>					
SEWER	<u>23,677.21</u>	<u>136,213.57</u>	<u>360,000.00</u>	<u>223,786.43</u>	<u>37.8</u>
	<u>23,677.21</u>	<u>136,213.57</u>	<u>360,000.00</u>	<u>223,786.43</u>	<u>37.8</u>
	<u>7,395.96</u>	<u>(10,480.49)</u>	<u>.00</u>	<u>10,480.49</u>	<u>.0</u>

TOWN OF THATCHER
 FUND SUMMARY
 FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

ELECTRIC ENTERPRISE FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	VARIANCE	PCNT
<u>REVENUE</u>					
CHARGES FOR SERVICES	376,625.08	1,931,915.60	4,934,750.00	3,002,834.40	39.2
INTEREST ON INVESTMENTS	2,595.62	10,045.78	13,000.00	2,954.22	77.3
	<u>379,220.70</u>	<u>1,941,961.38</u>	<u>4,947,750.00</u>	<u>3,005,788.62</u>	<u>39.3</u>
<u>EXPENDITURES</u>					
ELECTRIC	405,077.16	1,745,796.81	5,447,750.00	3,701,953.19	32.1
	<u>405,077.16</u>	<u>1,745,796.81</u>	<u>5,447,750.00</u>	<u>3,701,953.19</u>	<u>32.1</u>
	<u>(25,856.46)</u>	<u>196,164.57</u>	<u>(500,000.00)</u>	<u>(696,164.57)</u>	<u>39.2</u>

TOWN OF THATCHER
 FUND SUMMARY
 FOR THE 4 MONTHS ENDING OCTOBER 31, 2018

FIREMENS PENSION FUND

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>PCNT</u>
<u>REVENUE</u>					
MISCELLANEOUS	.00	.00	.00	.00	.0
INTEREST ON INVESTMENTS	.00	.00	.00	.00	.0
	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.0</u>
<u>EXPENDITURES</u>					
FIRE	.00	.00	.00	.00	.0
	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.0</u>
	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.00</u>	<u>.0</u>

RESOLUTION NO. 677-2018

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE TOWN OF THATCHER, GRAHAM COUNTY, ARIZONA, DECLARING AS A PUBLIC RECORD THAT CERTAIN DOCUMENT FILED WITH THE TOWN CLERK AND ENTITLED GRAHAM COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN.

WHEREAS the Town of Thatcher has historically experienced severe damage from natural and human-caused hazards such as flooding, wildfire, drought, thunderstorms/high winds, and hazardous materials incidents on many occasions in the past century, resulting in loss of property and life, economic hardship, and threats to public health and safety;

WHEREAS the Graham County Multi-Jurisdictional Hazard Mitigation Plan (the Plan) has been developed after more than one year of research and work by the Town of Thatcher, City of Safford, Town of Pima, and Graham County Multi-Jurisdictional Planning Team, for the reduction of hazard risk to the community;

WHEREAS the Plan specifically addresses hazard mitigation strategies and plan maintenance procedures for the Town of Thatcher;

WHEREAS the Plan recommends several hazard mitigation actions/projects that will provide mitigation for specific natural and human caused hazards that impact the Town of Thatcher, with the effect of protecting people and property from loss associated with those hazards;

WHEREAS a public meeting was held to present the Plan for comment and review as required by law;

NOW THEREFORE BE IT RESOLVED, by the Mayor and Council of the Town of Thatcher that:

1. The Plan is hereby adopted as an official plan of the Town of Thatcher.
2. The respective officials identified in the mitigation strategy of the Plan are hereby directed to pursue implementation of the recommended actions assigned to them.
3. Future revisions and Plan maintenance required by the Disaster Mitigation Act of 2000 and FEMA, are hereby adopted as a part of this resolution for a period of five (5) years from the date of this resolution.
4. An annual report on the progress of the implementation elements of the Plan shall be presented to the Town Council of the Town of Thatcher by October 31st of each calendar year.

PASSED AND ADOPTED by the Town Council of the Town of Thatcher, Graham County, Arizona, this 19th day of November 2018.

APPROVED:

Robert Rivera, Mayor

ATTEST:

Michelle Mortensen, Deputy Town Clerk

APPROVED AS TO FORM:

Matt Clifford, Town Attorney

2018

Graham County Multi-Jurisdictional Hazard Mitigation Plan

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This Plan was developed in cooperation with:

Graham County

Town of Pima

City of Safford

Town of Thatcher

SECTION I: INTRODUCTION

1.1 Plan Purpose and Authority

The purpose of the Plan is to identify natural hazards that impact the various jurisdictions located within Graham County, assess the vulnerability and risk posed by those hazards to community-wide human and structural assets, develop strategies for mitigation of those identified hazards, present future maintenance procedures for the plan, and document the planning process.

Graham County and all of the Cities and Towns are political subdivisions of the State of Arizona and are organized under Title 9 (cities/towns) and Title 11 of the Arizona Revised Statutes (ARS). As such, each of these entities is empowered to formally plan and adopt the Plan on behalf of their respective jurisdictions.

Each year in the United States, disasters take the lives of hundreds of people and injure thousands more. Nationwide, taxpayers pay billions of dollars annually to help communities, organizations, businesses, and individuals recover from disasters. These monies only partially reflect the true cost of disasters, because tax dollars do not reimburse additional expenses to insurance companies and nongovernmental organizations. Many disasters are predictable, and much of the damage caused by these events can be alleviated or even eliminated.

FEMA defines hazard mitigation as “any sustained action taken to reduce or eliminate long-term risk to human life and property from a hazard event.” The results of a three-year congressionally mandated independent study to assess future savings from mitigation activities provides evidence that mitigation activities are highly cost-effective. On average, each dollar spend on mitigation saves a society an average of \$4 in avoided future losses in addition to saving lives and preventing injuries. (National Institute of Building Science Multi-Hazard Mitigation Council 2005)

Examples of hazard mitigation measures include, but are not limited to the following:

- Development of mitigation standards, regulations, policies, and programs.
- Land use/zoning policies.
- Strong building code and floodplain management regulations.
- Dam safety program, seawalls, and levee systems.
- Acquisition of flood prone and environmentally sensitive lands.
- Retrofitting/hardening/elevating structures and critical facilities.
- Relocation of structures, infrastructure, and facilities out of vulnerable areas.
- Public awareness/education campaigns.
- Improvement of warning and evacuation systems.

Hazard mitigation planning is the process, which identifies hazards that threaten communities, determines likely impacts of those hazards; sets mitigation goals; and determines, prioritizes, and implements appropriate strategies to lessen impacts. This Plan documents the planning process employed by the Planning Team. This Plan identifies relevant hazards and risks and identifies the strategy that the Planning Team will use to decrease vulnerability and increase resiliency and sustainability.

The Planning Team prepared this Plan pursuant to the requirements of the Disaster Mitigation Action of 2000 (DMA2K) and the implementing regulations set forth in the Federal Register (hereafter, these requirements will be referred to collectively as the DMA2K). While the act emphasized the need for mitigation plans and more coordinated mitigation planning and implementation efforts, the regulations established the requirements that hazard mitigation plans must meet in order to be eligible for certain Federal disaster assistance and hazard mitigation funding under the Robert T. Stafford Disaster Relief and Emergency Act.

Information in this Plan will be used to help guide and coordinate mitigation activities and decisions for future land use. Proactive mitigation planning will help reduce the cost of disaster response and recovery to the community and its property owners by protecting structures, reducing exposure, and minimizing overall community impacts and disruption. Hazards have affected the community, in the past, and the community is thus committed to reducing future disaster impacts and maintaining eligibility for FEMA mitigation grant funding.

This is a multi-jurisdictional plan that geographically covers the participating communities within the Graham County boundaries (hereinafter referred to as the planning area). The following communities participated in the planning process:

- Graham County
- Town of Pima
- City of Safford
- Town of Thatcher

1.2 Plan Organization

This Plan is organized as follows:

- Section 1: Introduction
- Section 2: Community Profile
- Section 3: Planning Process
- Section 4: Risk Assessment
- Section 5: Mitigation Strategy
- Section 6: Plan Maintenance

SECTION 2: COMMUNITY PROFILE

2.1 Graham County

Geography

Graham County is located in southeastern Arizona and was formed in 1881 by the 11th Territorial Legislature. The county's name comes from Mount Graham, the highest peak in the area. Mount Graham was named after Lieutenant Colonel James Duncan Graham, a senior officer in the U.S Army Corps of Topographical Engineers. Since 1915, the City of Safford serves as the county seat.¹

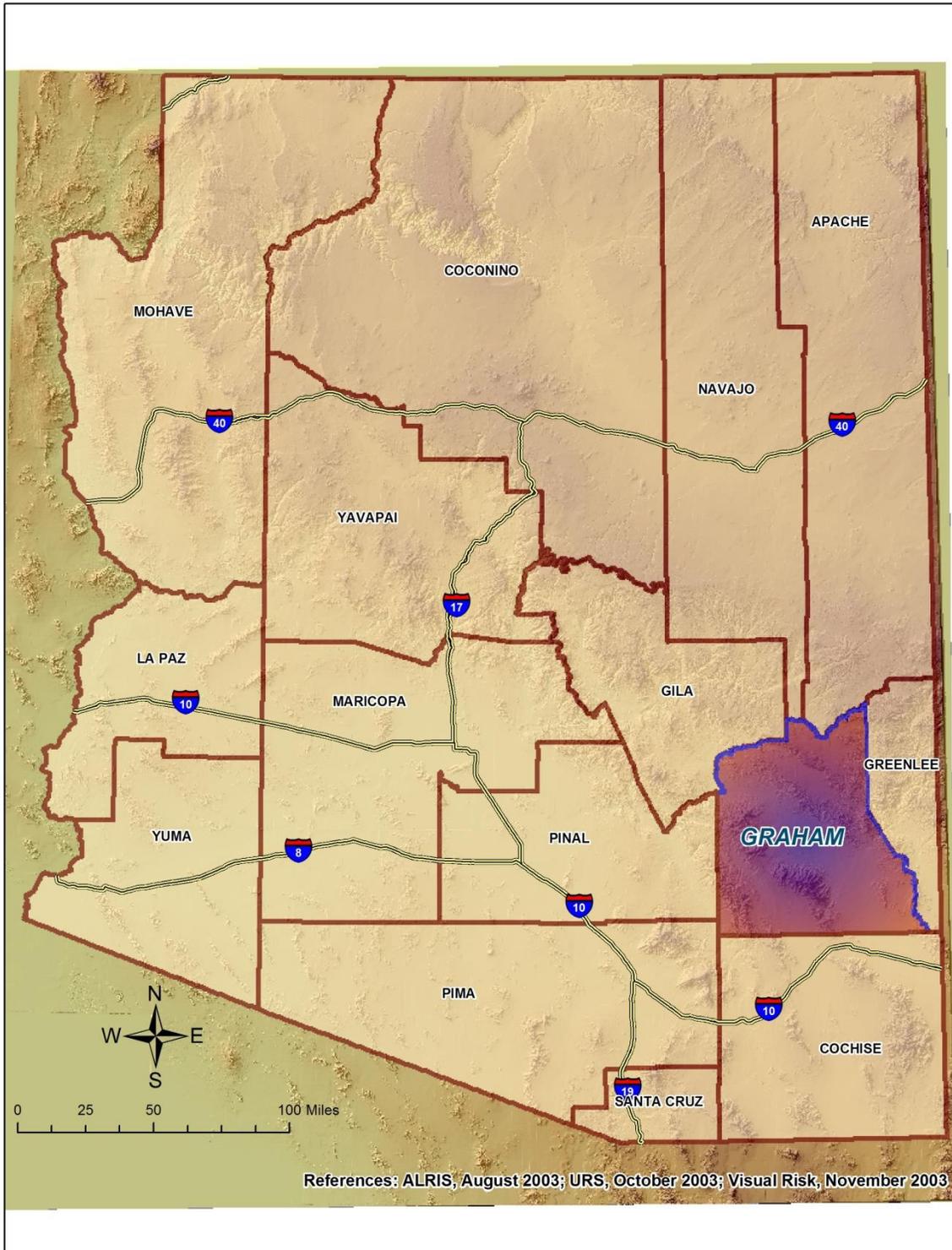
The County encompasses approximately 4,630 square miles. Major transportation routes through the area include U.S. Highway 70, U.S. Highway 191, State Route 170, State Route 266, State Route 366, and the Arizona Eastern Railroad.

The terrestrial characteristics of Graham County are quite diverse, ranging from the gradually sloping riparian corridor of the Gila River Valley with its adjoining agricultural areas, to the steeply inclined pine-oak forests located on Mount Graham and other parts of the Pinaleno and Santa Teresa Mountains. The majority of the county is comprised of high desert plains and foothills that are typical to the Sonoran and Chihuahuan Deserts.

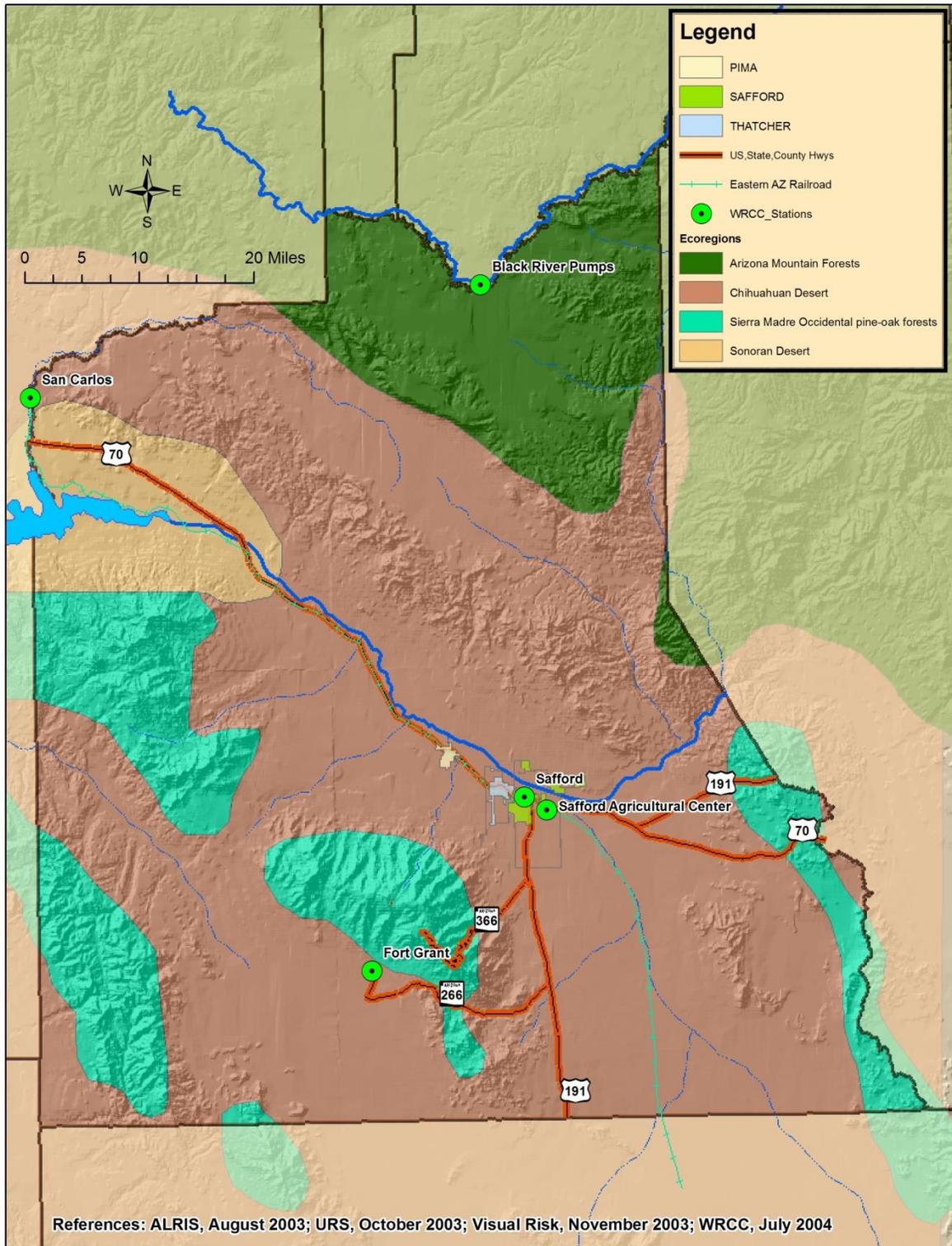
The geographical characteristics of Graham County have been mapped into four terrestrial ecoregions, described below:

- **Arizona Mountain Forests** – mountainous landscape, with moderate to steep slopes with elevations between 4,000-13,000 feet, resulting in comparatively cool summers and cold winters. Vegetation is largely high altitude grasses, shrubs, brush, and conifer forests.
- **Chihuahuan Desert** – typical of the high altitude deserts and foothills and found in much of the southeastern portion of Arizona with elevations between 3,000-4,500 feet. Average temperatures tend to be cooler than the Sonoran Desert due to the elevation differences. However, like its lower elevation cousin, the summers are hot and dry with mild to cool winters.
- **Sierra Madre Occidental Pine-Oak Forest** – predominant to mountainous regions in southeast Arizona with elevations generally above 5,000 feet. The average temperatures tend to be cool during the summer and cold in winter.
- **Sonoran Desert** – an arid environment that covers much of southwestern Arizona with elevation from approximately sea level to 3,000 feet. Vegetation is comprised mainly of Sonoran Desert Scrub and is one of the few locations in the world where saguaro cactus can be found. The climate is typically hot, dry during the summer and mild during the winter.

¹ Arizona Department of Commerce, 2008, *Profile of Graham County, Arizona*



Map 2-1: Location



Map 2-2: Terrestrial Ecoregions

The primary watercourse within Graham County is the Gila River, which is one of the few designated riparian corridors within the State of Arizona. Other major watercourses within the county include, but are not limited to the Black River, Bonita Creek, Aravaipa Creek, Eagle Creek, and San Simon Creek. There are also numerous other ephemeral washes and watercourses that primarily convey flood waters. The Gila River and groundwater serve as the primary sources for agricultural irrigation. Potable water is primarily obtained from groundwater and developed springs.

Federal and State government entities own 56% of Graham County land, including the U.S. Bureau of Land Management and the U.S Forest Service (38%) and the State of Arizona (18%). An additional 9.9% is publicly owned and 36% is Indian reservation land.

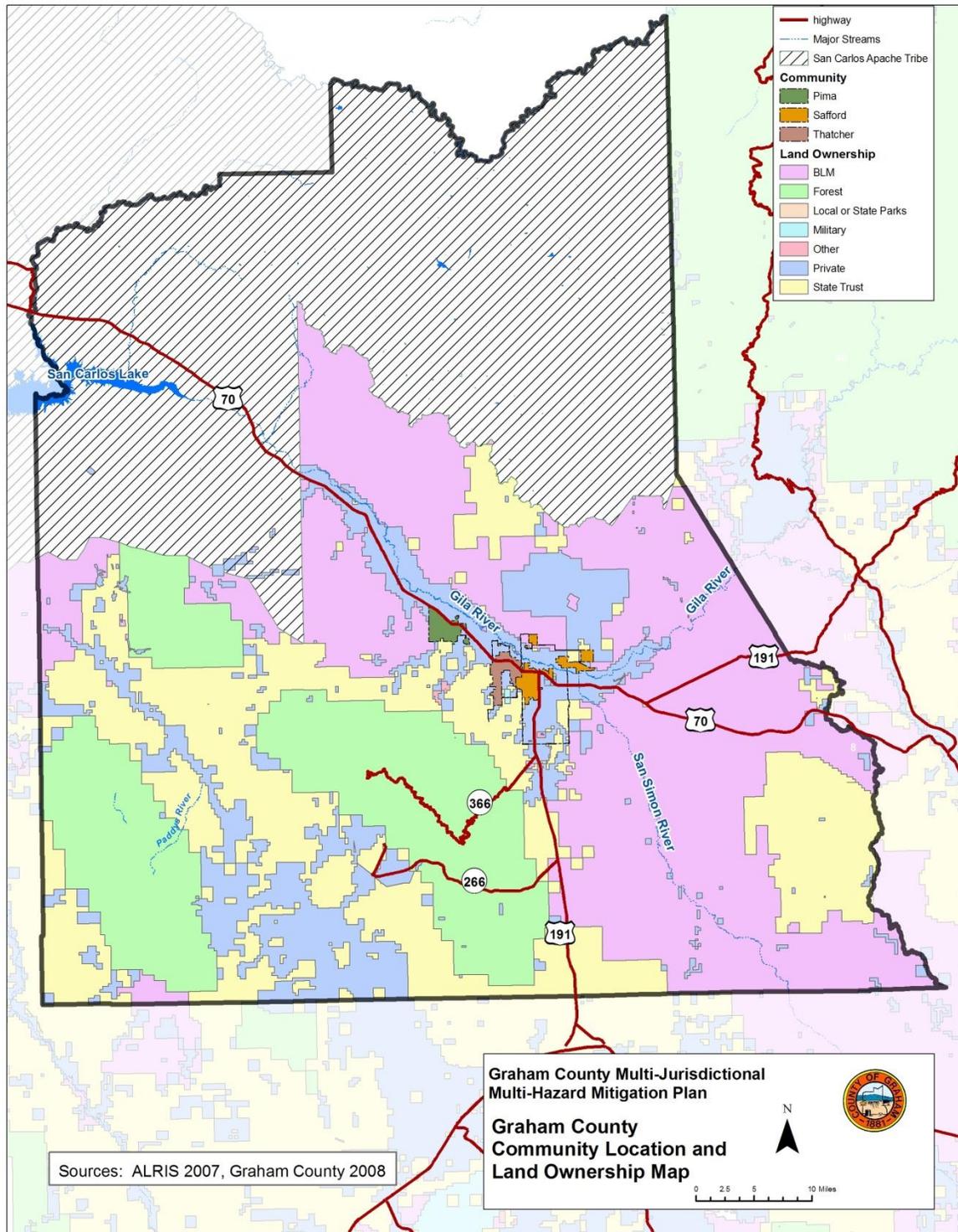
Climate

For the majority of Graham County, the climate, when compared to other regions in the State of Arizona, is relatively moderate. Average temperatures within Graham County range from below freezing during the winter months to over 100°F during the hot summer months. The severity of temperatures in either extreme is highly dependent upon the location, and more importantly the altitude, within the county. For instance, temperature extremes at the top of Mount Graham are significantly different from those for the Gila River Valley.

The Safford Agricultural Center data are representative of the Chihuahuan and Sonoran ecoregions within the county. In general, there is a 10° reduction in temperatures between the lower and upper elevation stations. It is plausible to expect another 10° reduction for areas above 9,000 feet.

Precipitation throughout Graham County is governed largely by elevation and season of the year. From November through March, storm systems from the Pacific Ocean cross the state as broad winter storms producing mild precipitation events and snowstorms at the higher elevations. Summer rainfall begins early in July and usually lasts until mid-September. Moisture-bearing winds move into Arizona at the surface from the southwest (Gulf of California) and aloft from the southeast (Gulf of Mexico). The shift in wind direction, termed the North American Monsoon, produces summer rains in the form of thunderstorms that result largely from excessive heating of the land surface and the subsequent lifting of moisture-laden air, especially along the primary mountain ranges. Thus, the strongest thunderstorms are usually found in the mountainous regions of the central southeastern

Table 2-1: Climate Data for Safford, Arizona													
Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
High °F	60.2	65.3	71.2	79.6	88.7	98.3	98.4	96.1	92.1	82.1	69.2	60.2	80.1
Low °F	29.0	32.7	37.7	43.1	51.5	60.7	67.9	66.4	59.3	47.2	34.9	28.6	46.6
Rainfall inches	0.74	0.78	0.61	0.22	0.27	0.31	1.45	1.72	1.12	1.10	0.56	0.91	9.79
Source: National Oceanic and Atmospheric Administration													



Map 2-3: Graham County Land Ownership

Population

The majority of the County’s citizens live in the incorporated communities or reservation portion of Graham County. The largest community is the City of Safford, which is the home of the county seat. All three incorporated cities are located within the Gila River Valley and located relatively close to each other. There are also 21 other “places” located throughout the county, with most situated along Highway 70 and mostly comprised of only one structure or landmark. San Carlos Apache Indian Reservation occupies over a third of the county.

Table 2-2: Population Estimates			
Jurisdiction	2000	2010	2015
Graham Co Total	33,489	37,220	37,666
Pima	1,989	2,387	2,524
Safford	9,232	9,566	9,683
Thatcher	4,022	4,865	4,992
Co Unincorporated	18,246	20,402	20,467
Source: US Census estimations			

Economy

The primary economic industry for Graham County is based in agricultural farming and ranching. During the 1870s, farming communities began to sprout up along the Gila River, which was and still is a rich agricultural area. Cotton is a principle crop produced in the communities, along with alfalfa, small grains, apples, pumpkins, and other vegetables. The world’s finest long staple cotton was developed in Graham County and today, 89,000 bales of both long and short staple cotton are produced annually with two cotton gins serving the area.² Graham County is also home to one of the state’s few hydroponic tomato nurseries. Mining continues to have a significant economic presence and recently expanded with the addition of the Freeport-McMoRan Copper and Gold North American headquarters and mine technology division. The Freeport Process Technology Center and new Analytical Center are also located in Graham County.³ Recreation and tourism follow farming and ranching as the next principle industries in Graham County. The San Carlos Indian Reservation covers approximately one-third of the land, with San Carlos Lake a popular site for fishing and camping. Other major industries include educational services, retail trade, health care, and social assistance.

Changes in Development

The County continues a slow and somewhat steady growth rate and agriculture and ranching continue to be the main sectors that drive the area. Development does not occur at a rate that has changed the direction or focus of this Plan.

² Graham County Chamber of Commerce website at: <http://www.graham-chamber.com/community.htm>

³ *ibid.*

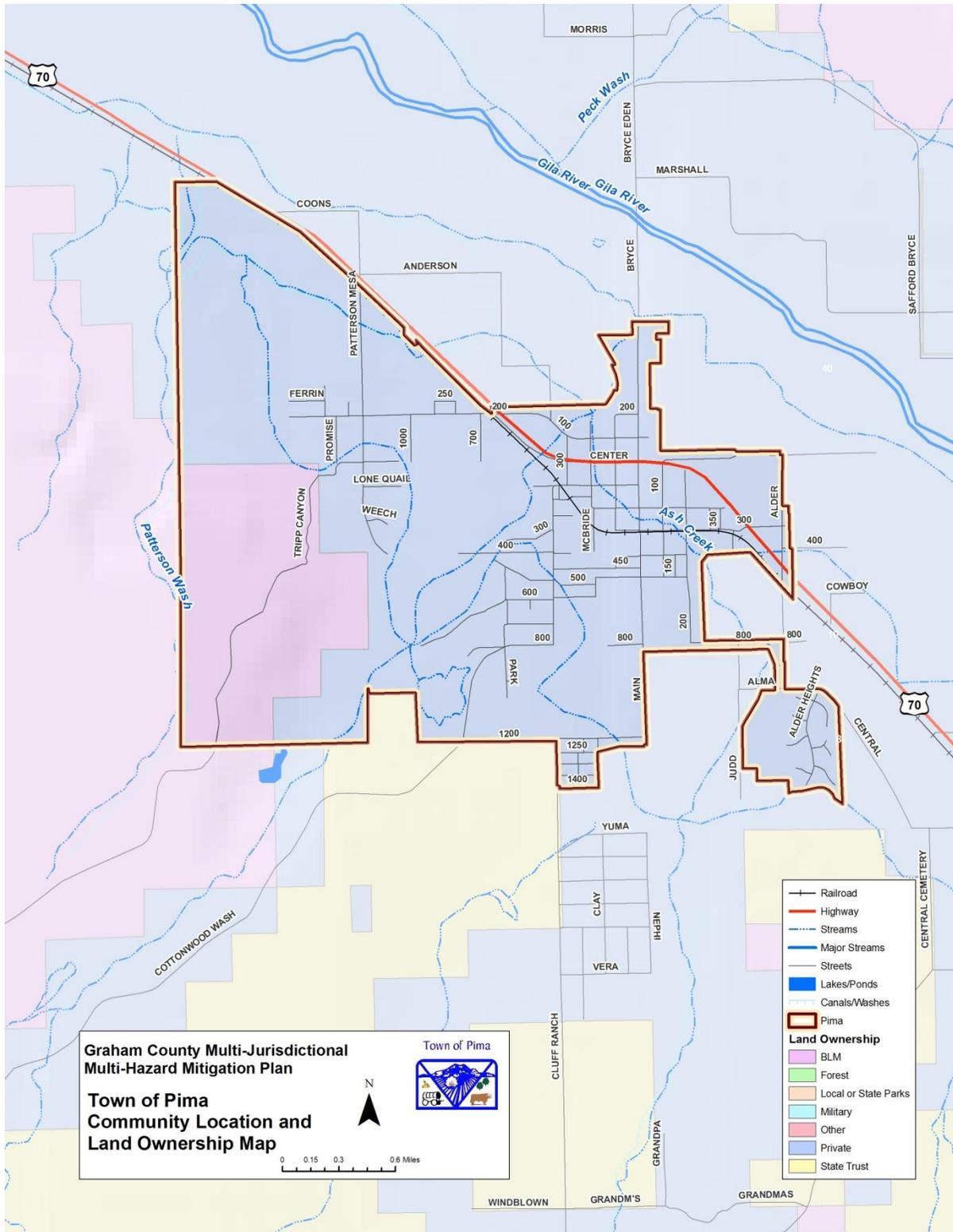
2.2 Pima

Located approximately 153 miles southeast of Phoenix and 151 miles east of Tucson, and approximately 10 miles west of Safford, sits the Town of Pima. The Town of Pima has an average elevation of about 2,850 feet. The Town is situated along the south bank of the Gila River on both sides of U.S. Highway 70.

Since its founding by Mormons in 1879, the Town of Pima has primarily been an agricultural community. The settlers found a location in the Gila Valley where they planned to place a canal and later named the place Smithville to honor Jesse N. Smith, a Mormon leader who arrived in Arizona in September 1878 with Erastus Snow. In 1894, the name of the town changed to Pima after the Indian Tribe. In 1916, the Town incorporated.

According to the Arizona Department of Commerce, Pima historically has been an agricultural farm trade center serving the surrounding agricultural areas. Pima is also becoming a popular retirement community, with increases in tourism and winter visitors. Major employers include the Glenbar Cotton Gin, Graham County Electric Co-op, Pima Town Government, and Pima Public Schools. In 2014, the Pima labor force was estimated at 1,084 with an 8% unemployment rate.⁴

⁴ Arizona Commerce Authority website at: <http://www.azcommerce.com/a/profiles/ViewProfile/98/Pima/>



Sources: ALRIS 2007, Graham County 2008

Map 2-4: Pima Location & Land Ownership

2.3 Safford

The City of Safford is located east and south of Thatcher and Pima in Graham County with an average elevation is about 2,840 feet. Safford is located approximately 164 miles southeast of Phoenix and 130 miles east of Tucson, and is predominantly south of the Gila River at the junction of U.S. Highways 70 and 191. Nearly all the land within the City's corporate boundaries is owned by private entities.

Joshua Eaton Bailey, Daniel Hughes, Hiram Kennedy, and John C. Glasby, farmers from the Gila Bend area who had been wiped out when the Gila River flooded in 1873, decided to try their luck further upriver, and made their way to the present site of Safford in January 1874. They set to work clearing fields and digging the Central Canal to bring Gila River water to irrigate them. Bailey, known as Safford's founding father, christened the new settlement "Safford" in honor of Territorial Governor Anson P. K. Safford, who toured the valley shortly after the farmers' arrival. In addition to his farming ventures, Bailey established the new community's first business, a combination general store, gaming parlor, and saloon. He also set up a post office in the store and became the Town's first postmaster on March 5, 1875. C. M. Ritter surveyed the Safford Townsite in December 1875, and recorded the Town plat on January 11, 1876. When the 11th Territorial Assembly carved Graham County out of portions of Apache and Pima Counties in 1881, Safford was designated as the County seat.⁵ Safford later incorporated in 1901.

Safford was founded as an agricultural community, and the growing of cotton and alfalfa, as well as cattle ranching, continue play an important role in the local economy. As county seat of Graham County, Safford is the location of the county courts and administrative operations. The City of Safford, Bureau of Land Management, U. S. Forest Service, and Safford School District also provide employment in the public sector. Two state prisons and one federal prison in the Safford vicinity are major employers. There is also substantial employment in a wide variety of retail and service businesses, as well as some light manufacturing. Due, in part, to the relative isolation of Safford from the major metropolitan areas of Phoenix and Tucson, the community has developed a larger mix of retail and service enterprises than is found in other rural communities of comparable size.⁶

Safford, the seat of Graham county Arizona, serves as the commercial and business center for southeastern Arizona and a portion of western New Mexico, encompassing a total population of about 65,000 and about 49,000 within the immediate area of Graham and Greenlee counties in Arizona. There is substantial employment in a variety of business sectors including retail and service businesses, mining, agriculture, higher education (Eastern Arizona College), medical (Mt. Graham Regional Medical Center), and light manufacturing.

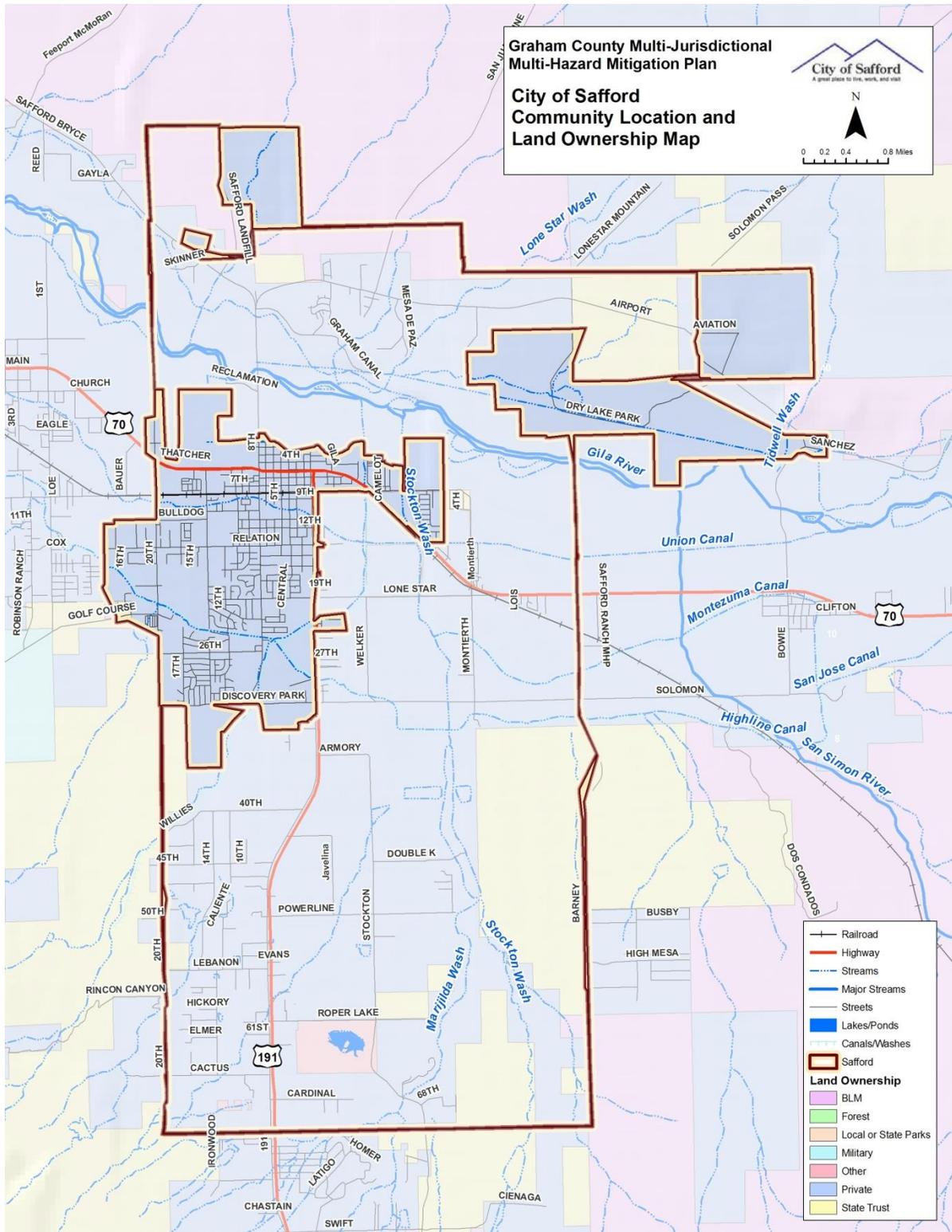
Agriculture is a mainstay of the Safford and Graham County economy, with cotton as the principal commodity and remaining acreage used for hay and small grains. Nature Sweet operates a 20-acre greenhouse producing tomatoes and cucumbers year round, distributing them throughout the US.

Mining is a major local employer and local employment and businesses receive a substantial boost from Freeport-McMoRan Copper & Gold Inc., which has mines in Safford and Morenci in Greenlee County.

The corrections industry is another major area employer with two State and one Federal prison facilities in the area. Other major employers include Eastern Arizona College, Mount Graham Regional Medical Center, and DRG Technologies (a global label manufacturer for companies such as Honeywell and Master Lock). County and municipal governments and school districts round out the major employers in the Safford area.

⁵ Historic description taken from the Safford Economic Development Corporation website at the following URL:
<http://www.saffordeconomicdevelopment.com/exec/ePhotoAlbum.asp>

⁶ City of Safford, 2004, *City of Safford General Plan 2004*



Sources: ALRIS 2007, Graham County 2008

Map 2-5: Safford Location & Land Ownership

2.4 Thatcher

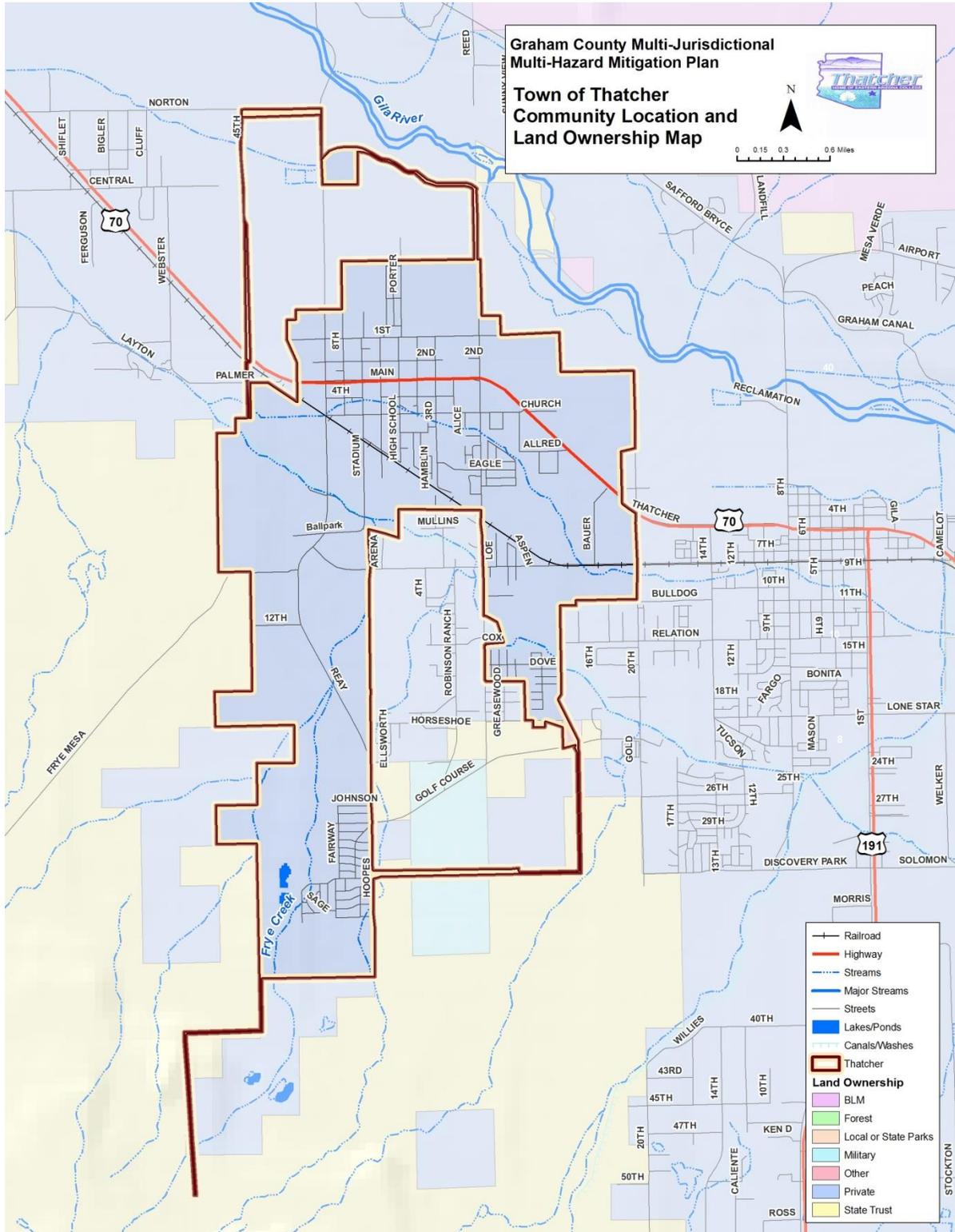
With an average elevation of about 2,929 feet, the Town of Thatcher sits within Graham County between Pima and Safford. Thatcher is located approximately 160 miles southeast of Phoenix and 134 miles east of Tucson, and is approximately 2 miles northwest of Safford, the county seat. The Town sits along the southwest bank of the Gila River on either side of U.S. Highway 70.

A group of Mormon settlers originally settled Thatcher in 1881. The settlers chose a spot along the Gila River's south bank to start building their community. Christopher Layton, one of the early pioneers, a farmer and businessperson, and is known for his work in the creation of the Town of Thatcher. Named for the Mormon Apostle Moses Thatcher, the town incorporated in 1899.

Since its founding, the Town of Thatcher has primarily been an agricultural community. In the last ten years, however, the Town has experienced a slow but steady growth in the retail trade and services sector. Improvements and expansions associated with Eastern Arizona College have also spurred some growth within the area. Although not directly located within the city limits, Freeport-McMoRan Copper and Gold Incorporated, a major North American copper facility, is a short distance east from Town Hall. As residential and retail establishments replace the agricultural lands as well as being centrally located, Thatcher is becoming the retail trade and service sector for future economic infrastructure in the region. The Thatcher Unified School District, Basha's, Tractor Supply, Safeway, Freedom Ford, Gila Valley Polaris, and Ashley Furniture are other major employers.

With an increase in population, the Town has made residential development a priority in recent years. New residential development can be seen throughout the Thatcher Planning Area, concentrated in the northern half of the Town, north of the Frye Creek Retarding Dam. Medium and high-density residential areas have been established within Thatcher's Town core.⁷

⁷ Town of Thatcher, 2008, *Thatcher General Plan Update*



Sources: ALRIS 2007, Graham County 2008

Map 2-6: Thatcher Location & Land Ownership

SECTION 3: PLANNING PROCESS

3.1 Section Changes

- The details of planning meetings and activities were omitted. They are now discussed in narrative form and supporting documentation is in the Appendices.

3.2 Primary Points of Contact

Graham County	Pima	Safford	Thatcher
Brian Douglas	Jeff McCormick	Lance Henrie	Heath Brown
Health Director	Town Manager	Asst City Engineer	Town Engineer
Emergency Management		Randy Petty	

3.3 Planning Team and Activities

Graham County identified potential members for the Planning Team by extending invitations to, all incorporated communities within the County limits. Other entities that were invited to participate include Stanfield, Midway, Magma and Greene Reservoir Flood Control Districts, San Carlos Apache Tribe, the AZ Dept of Emergency & Military Affairs, AZ Dept of Corrections, Graham Co Sheriff’s Office, Greenlee Co EM, American Red Cross, the Homeless Project, Freeport McMoran Copper and Gold, and the Mt Graham Regional Hospital. The participating members of the Planning Team are listed below and returning members are in bold print.

Table 3-1: Planning Team	
Name Title	Jurisdiction Organization
Brian Douglas Deputy Director Emergency Management	Graham County
Dan Long Sergeant	AZ DPS
Eliot Pickett Fire Prevention	USFS
Gary Allred Engineer Tech	Town of Thatcher
Hank Metzger Health Dept – Assistant Bio-Terrorism Coordinator	Graham County
Heath Brown Town Engineer	Town of Thatcher
Jeff McCormick Manager	Town of Pima
Lance Henrie Asst City Engineer	City of Safford
Matt Bollinger Epidemiologist	Graham Health Dept
Michael Bryce County Engineer	Graham County
Mike Payne Fire Chief/Inspector	Town of Thatcher

Table 3-1: Planning Team	
Name Title	Jurisdiction Organization
Randy Petty City Engineer	City of Safford
Scott Glaspie Asst Fire Management Officer	USFS
Susan Austin State Planning Branch Manager	DEMA

The Planning Team first met July 12, 2016 to begin the planning process. During that meeting, the requirements and process that would be followed for the update were discussed. The Plan was also reviewed and explained to and expectations were discussed. The previous Plan’s hazards were reviewed to ensure accuracy and currency. The second meeting on February 28, 2017 covered more review and discussion on the hazards and mitigation strategy. After both of these meetings, there was work tasks assigned to the Planning Team with assistance being provided by the Department of Emergency & Military Affairs (DEMA).

The planning process included coordination with agencies and organizations outside the planning team to obtain information and data for inclusion in the Plan. Information and data used in the Plan is developed or provided by the Planning Team as well as these other agencies or organizations. This is typically a result of the Planning Team reaching out to surrounding resources, some of these resources included:

Table 3-2: Local Planning Resources		
Name Title	Jurisdiction	Role/Contribution
Terry Cooper	Graham County	Management
Steve Puzas	Graham County	Planning/Management
Barbara Alvillar-Sosa	Graham County	Technology
Sean Lewis Planning & Zoning	Pima	Provided guidance on local flood and code related issues. Provided flood mapping and related data.
Dustin Welker Planning& Community Development Director	Safford	Planning/Community description
Hilary Cuenin Project Management Assistant	Safford	Planning/Public Involvement
Lavan Taylor	Safford	Technology/GIS/Mapping
Mike Payne Fire Chief/Building Official	Thatcher	Information Gathering

Due to the close-knit nature of the communities, there was much discussion outside the planned meetings with the Planning Team. These discussions/activities were used to research and develop material used in this Plan whereas the scheduled meetings were utilized to guide the plan update.

3.4 Public Comment & Public & Stakeholder Outreach/Involvement

The Planning Team encouraged public input to the planning process and the Plan draft, cooperatively among all the participating jurisdictions. The strategy for public notification and comment for this Plan development included press releases and public notices. The County posted the 2010 Plan to their website

and provided the ability for review and comment. The local jurisdictions placed announcements on their websites linking the reader to the Plan on the County website. The post-draft strategy included posting the draft plan to the County website and requesting public comment. The public involvement strategies yielded no feedback or input from the communities, however, should there be any received during this Plan’s valid period, it will be responded to and changes implemented it warranted. A sampling of the documentation of the activities can be found in this Plan’s Appendices.

Being small rural communities there is a variety of ways the jurisdictions keep their public involved in the and educated about the community’s hazards and risks, types of activities to mitigate those risks, and how these impact them. The jurisdictions strive to improve that communication and always reach the largest audience. Here are some of the ways the jurisdictions reached out to the public over the past five years:

Table 3-3: Past Public and Stakeholder Outreach/Involvement	
Jurisdiction	Activity or Opportunity
Graham County	<ul style="list-style-type: none"> • Maintained the county website that included the current Plan and provided contact information for continued comment and input. • Developed brochures regarding local threats in conjunction with the mitigation website. • Attended at least two community fairs a year that included the dissemination of public information regarding the dangers of the areas’ hazards. • Conducted Emergency Management Community Information Exchange meetings with local emergency management professionals on a quarterly basis, and discussed hazard mitigation events. • Conducted Flood Control District Quarterly meetings.
Pima	<ul style="list-style-type: none"> • Presented Plan at City Council meeting and advised newly elected officials periodically. • Maintained a webpage on the city website including the current Plan, allowing the submittal of citizen comments and staff response to citizen inquiries. • Distribute Floodplain Management brochures at public information distribution locations throughout City offices and departments, and at neighborhood meetings.
Safford	<ul style="list-style-type: none"> • Provided mitigation brochures to the public at community events: <ul style="list-style-type: none"> ○ Silent Witness Anti-Crime Night ○ Mayor’s State of the City Address ○ City Hall without Walls (targets different community areas at least four times/yr)
Thatcher	<ul style="list-style-type: none"> • Maintained the Town of Thatcher website that included the link to the current Plan and provided contact information for continued comment and input. • Conducted Emergency Management Community Information Exchange meetings with local emergency management professionals on a quarterly basis, and discuss hazard mitigation events. • Presented Plan at Town Council meeting and advised newly elected officials periodically. • Distributed Floodplain Management brochures at public information distribution locations throughout City offices and departments, and at neighborhood meetings. • Distributed Information to potential developers regarding local potential hazards in the form of a checklist.

3.5 Program Integration

Reviewing existing data and information from a variety of sources can help inform the mitigation plan and planning process. It may reveal existing capabilities and planning mechanisms that may aid in the implementation of this Plan’s mitigation strategy.

Over the course of the planning process, the following plans, studies, and reports were obtained and reviewed for incorporation or reference purposes:

Resource	Description of Resource and Its Use
Graham Co Emergency Operations Plan (2015)	Source for demographics, identified risks in the county, and historical references
AZ Department of Water Resources	Resource for data on drought conditions and statewide drought management (AzGDTF), and dam safety data. Used in risk assessment.
AZ Geological Survey	Resource for earthquake, fissure, landslide/mudslide, subsidence, and other geological hazards. Used in the risk assessment.
AZ State Land Department	Source for statewide GIS coverage (ALRIS) and statewide wildfire hazard profile information (Div of Forestry). Used in the risk assessment.
AZ Wildland Urban Interface Assessment (2004)	Source of wildfire hazard profile data and urban interface at risk communities. Used in the risk assessment.
City of Safford General Plan (2016)	Source for history, demographic and development trend data for the city.
Earth Fissure Risk Zone Investigation Report (AMEC, 2006)	Source of fissure risk data and historic fissure and subsidence events. Used in the risk assessment. Used in the risk assessment.
Graham County Comprehensive Plan	Source for history, demographic and development trend data for the county.
AZ Land Subsidence Group	Resource for fissure and subsidence data. Used in risk assessment.
United States Census Bureau	Source for population and demographic used in community description.
City of Safford Comprehensive Annual Financial Report	Source for financial data used in community description.
FRED Economic Data	Source of unemployment rates used in community description.
ADWR Graveyard FRS Dam Safety Inspection Report 2016	Dam inspection report used in risk assessment.
Safford and Graham Co GIS	Source of GIS data used for maps and risk assessment.

SECTION 4: RISK ASSESSMENT

4.1 Section Changes

- The ‘Historic Hazard Events’ table was omitted, as it represented significant undeclared events and the information and/or sources were not perceived reliable enough to the Planning Team.
- The Loss Estimation tables were omitted, as the resources necessary to update were not available to the Planning Team. Instead, vulnerability was presented in narrative form with a summary of losses from the previous Plan.

A risk assessment should answer the fundamental questions of “what” can occur, “how often” it is likely to occur, and “how bad” the effects could be and measures potential losses and damages from hazards. The primary components of this risk assessment are:

Hazard Identification

Hazard Profiling

Vulnerability Analysis

The risk assessment was performed using a countywide, multi-jurisdictional perspective, with the information gathered and developed by the Planning Team. This approach was used as many hazard events are likely to affect numerous jurisdictions within the County, and are not often relegated to a single jurisdictional boundary. The vulnerability analysis was performed in a way such that the results reflect vulnerability at an individual jurisdictional level, and at a countywide level.

4.2 Hazard Identification

For this Plan, the 2010 hazard were reviewed and discussed by the Planning Team with the goal of refining the list to reflect the hazards that currently pose the greatest risk to the planning area.

This process included an evaluation of the hazards based on the following considerations:

- Experiential knowledge on behalf of the Planning Team relative to the risk associated with the hazard
- Documented historic context for damages and losses associated with past events
- The ability/desire of Planning Team to develop effective mitigation for the hazard

The review and discussions did not indicate any significant changes or event over the past five years. Therefore, this Plan will continue to address the following threats:

- **Dam Failure**
- **Fissure**
- **Severe Wind**
- **Drought**
- **Flooding**
- **Wildfire**

4.3 Vulnerability Analysis Methodology

The following sections summarize the methodologies used to perform the vulnerability analysis portion of the risk assessment.

Risk Evaluation

The first step in the vulnerability analysis (VA) is to assess the perceived overall risk for each of the plan hazards. For this, the Calculated Priority Risk Index (CPRI) was used. The CPRI rating is obtained by assigning varying degrees of risk to four categories for each hazard, and then calculating an index value based on a weighting scheme. The table below summarizes the CPRI risk categories and provides guidance regarding the assignment of values and weighting factors for each category.

As an example, assume that the team is assessing the hazard of flooding, and has decided the following assignments best describe the flooding hazard for their community:

- Probability = Likely
- Magnitude/Severity = Critical
- Warning Time = 12 to 24 hours
- Duration = Less than 6 hours

The results would then be = [(3*0.45) + (3*0.30) + (2*0.15) + (1*0.10)] (max 4.00)

Table 4-1: Calculated Priority Risk Index				
CPRI Category	Degree of Risk			Assigned Weighting Factor
	Level ID	Description	Index Value	
Probability	Unlikely	<ul style="list-style-type: none"> ▪ Extremely rare with no documented history of occurrences or events. ▪ Annual probability of less than 0.001. 	1	45%
	Possible	<ul style="list-style-type: none"> ▪ Rare occurrences with at least one documented or anecdotal historic event. ▪ Annual probability that is between 0.01 and 0.001. 	2	
	Likely	<ul style="list-style-type: none"> ▪ Occasional occurrences with at least two or more documented historic events. ▪ Annual probability that is between 0.1 and 0.01. 	3	
	Highly Likely	<ul style="list-style-type: none"> ▪ Frequent events with a well documented history of occurrence. ▪ Annual probability that is greater than 0.1. 	4	
Magnitude/ Severity	Negligible	<ul style="list-style-type: none"> ▪ Negligible property damages (less than 5% of critical and non-critical facilities and infrastructure). ▪ Injuries, illnesses are treatable with first aid and there are no deaths. ▪ Negligible quality of life lost. ▪ Shut down of critical facilities for less than 24 hours. 	1	30%
	Limited	<ul style="list-style-type: none"> ▪ Slight property damages (greater than 5% and less than 25% of critical and non-critical facilities and infrastructure). ▪ Injuries/illnesses do not result in permanent disability and there are no deaths. ▪ Moderate quality of life lost. ▪ Shut down of critical facilities for more than 1 day and less than 1 week. 	2	
	Critical	<ul style="list-style-type: none"> ▪ Moderate property damages (greater than 25% and less than 50% of critical and non-critical facilities and infrastructure). ▪ Injuries/illnesses result in permanent disability and at least one death. ▪ Shut down of critical facilities for more than 1 week and less than 1 month. 	3	
	Catastrophic	<ul style="list-style-type: none"> ▪ Severe property damages (greater than 50% of critical and non-critical facilities and infrastructure). ▪ Injuries or illnesses result in permanent disability and multiple deaths. ▪ Shut down of critical facilities for more than 1 month. 	4	
Warning Time	Less than 6 hrs	Self explanatory.	4	15%
	6 to 12 hrs	Self explanatory.	3	
	12 to 24 hrs	Self explanatory.	2	
	24 hrs +	Self explanatory.	1	
Duration	Less than 6 hrs	Self explanatory.	1	10%
	Less than 24 hrs	Self explanatory.	2	
	Less than 1 wk	Self explanatory.	3	
	1 wk +	Self explanatory.	4	

Asset Inventory

Critical facilities and infrastructure are systems, structures and infrastructure within a community whose incapacity or destruction would have a debilitating impact on the defense or economic security of that community or significantly hinder a community’s ability to recover following a disaster.

For this Plan the following criteria are used to define critical facilities and infrastructure:

1. **Communications Infrastructure:** Telephone, cell phone, data services, radio towers, and internet communications, which have become essential to continuity of business, industry, government, and military operations.
2. **Electrical Power Systems:** Generation stations and transmission and distribution networks that create and supply electricity to end-users.
3. **Gas and Oil Facilities:** Production and holding facilities for natural gas, crude and refined petroleum, and petroleum-derived fuels, as well as the refining and processing facilities for these fuels.
4. **Banking and Finance Institutions:** Banks, financial service companies, payment systems, investment companies, and securities/commodities exchanges.
5. **Transportation Networks:** Highways, railroads, ports and inland waterways, pipelines, and airports and airways that facilitate the efficient movement of goods and people.
6. **Water Supply Systems:** Sources of water; reservoirs and holding facilities; aqueducts and other transport systems; filtration, cleaning, and treatment systems; pipelines; cooling systems; and other delivery mechanisms that provide for domestic and industrial applications, including systems for dealing with water runoff, wastewater, and firefighting.
7. **Government Services:** Capabilities at the federal, state, and local levels of government required to meet the needs for essential services to the public.
8. **Emergency Services:** Medical, police, fire, and rescue systems.

The 2010 Plan asset inventory was reviewed and determined to closely represent the current data. This is largely due to the lack of growth in the area. Additionally, there are no future buildings, infrastructure, and critical facilities identified with this Plan. Due to these determinations, no adjustments were made for this Plan.

Jurisdiction	Communications	Electrical Power	Gas & Oil	Banking & Finance	Transportation	Water Supply	Government	Emergency
Graham Co	20	0	2	0	9	0	12	11
Pima	4	0	1	0	0	0	5	3
Safford	4	1	6	4	11	27	14	3
Thatcher	1	1	2	0	0	1	2	1

Loss Estimations

The vulnerability of people and assets associated with some hazards are nearly impossible to evaluate given the uncertainty associated with where these hazards will occur as well as the relatively limited focus and extent of damage. Instead, a qualitative review of vulnerability will be discussed to provide insight to the nature of losses that are associated with the hazard.

4.4 Hazard Risk Profiles

The hazard profiles include the following elements:

- **Description**
- **History**
- **Probability and Magnitude**
- **Vulnerability**

4.4.1 Dam Failure

Description

The primary risk associated with dam failure in Graham County is the inundation of downstream facilities and population by the resulting flood wave. Dams within or impacting Graham County can generally be divided into two groups: (1) storage reservoirs designed to permanently impound water, provide flood protection, and possibly generate power, and (2) single purpose flood retarding structures (FRS) designed to attenuate or reduce flooding by impounding storm water for relatively short durations of time during flood events. The majority of dams within Graham County are earthen structures equipped with emergency spillways. The purpose of an emergency spillway is to provide a designed and protected outlet to convey runoff volumes exceeding the dam’s storage capacity during extreme or back-to-back storm events. Dam failures may be caused by a variety of reasons including: seismic events, extreme wave action, leakage and piping, overtopping, material fatigue, and spillway erosion.

History

Graham County has no history of dam failure.

Probability and Magnitude

The probability and magnitude of dam failure discharges vary greatly with each dam and are directly influenced by the type and age of the dam, its operational purpose, storage capacity and height, downstream conditions, and many other factors. There are two sources of data that publish hazard ratings for dams affecting Graham County. The first is the Arizona Department of Water Resources (ADWR) and the second is the National Inventory of Dams (NID). Hazard ratings from each source are based on either an assessment of the consequence of failure, dam safety considerations, or both, and they are not tied to probability of occurrence.

ADWR has regulatory jurisdiction over the non-federal dams affecting the County and is responsible for regulating the safety of these dams, conducting field investigations, and participating in flood mitigation programs with the goal of minimizing the risk for loss of life and property to the citizens of Arizona. ADWR jurisdictional dams are inspected regularly according to downstream hazard potential classification, which follows the NID classification system. High hazard dams are inspected annually, significant hazard dams every three years, and low hazard dams every five years. Via these inspections, ADWR identifies safety deficiencies requiring correction and assigns each dam one of six safety ratings. Examples of safety deficiencies include lack of an adequate emergency action plan, inability to safely pass the required Inflow Design Flood (IDF), embankment erosion, dam stability, etc. Further descriptions of each safety classification are summarized in Table 5-6.

Table 4-3: Dam Safety Categories	
Safety Rating	Definition
No Deficiency	Not Applicable
Safety Deficiency	One or more conditions at the dam that impair or adversely affects the safe operation of the dam.
Unsafe Categories	
Category 1: Unsafe Dams with Elevated Risk of Failure	These dams have confirmed safety deficiencies for which there is concern they could fail during a 100-year or smaller flood event. There is an urgent need to repair or remove these dams.
Category 2: Unsafe Dams Requiring Rehabilitation or Removal	These dams have confirmed safety deficiencies and require either repair or removal. These dams are prioritized for repair or removal behind the Category 1 dams.

Table 4-3: Dam Safety Categories	
Safety Rating	Definition
Category 3: Unsafe Dams with Uncertain Stability during Extreme Events (Requiring Study)	Concrete or masonry dams that have been reclassified to high hazard potential because of downstream development (i.e. hazard creep”). The necessary documentation demonstrating that the dams meet or exceed standard stability criteria for high hazard dams during extreme overtopping and seismic events is lacking. The dams are classified as unsafe pending the results of required studies. Upon completion of these studies, the dams are either removed from the list of unsafe dams or moved to Category 2 and prioritized for repair or removal.
Category 4: Unsafe Dams Pending Evaluation of Flood-Passing Capacity (Requiring Study)	In 1979, the U.S. Army Corps of Engineers established Federal Guidelines for assessing the safe-flood passing capacity of high hazard potential dams (CFR Vol. 44 No. 188). These guidelines established one-half of the “probable maximum flood” (PMF) as the minimum storm which must be safely passed without overtopping and subsequent failure of the dam. Dams unable to safely pass a storm of this size were classified as being in an “unsafe, non-emergency” condition. Prior studies for these earthen dams (mostly performed in the 1980’s) predicted they could not safely pass one-half of the PMF. They were predicted to overtop and fail for flood events ranging from 30-46% of the PMF. Recent studies both statewide and nationwide have indicated that the science of PMF hydrology as practiced in the 1990’s commonly overestimates the PMF for a given watershed. The ADWR is leading efforts on a statewide update of probably maximum precipitation (PMP) study scheduled for completion in 2011. These dams should be re-evaluated using updated methods to confirm their safety status. Upon completion of these evaluations, they are either removed from the list of unsafe dams or moved to Category 2 and prioritized for repair or removal.
Source: ADWR.	

The NID and ADWR databases provide useful information on the potential hazard posed by dams. Each dam in the NID is assigned one of the following three hazard potential classes based on the potential for loss of life and damage to property should the dam fail (listed in increasing severity): low, significant, or high. The hazard potential classification is based on an evaluation of the probable present and future incremental adverse consequences that would result from the release of water or stored contents due to failure or improper operation of the dam or appurtenances, regardless of the condition of the dam. The ADWR evaluation includes land-use zoning and development projected for the affected area over the 10-year period following the classification of the dam. It is important to note that the hazard potential classification is an assessment of the consequences of failure, but not an evaluation of the probability of failure or improper operation. The table below summarizes the hazard potential classifications and criteria for dams regulated by the State of Arizona.

Table 4-4: Downstream Hazard Potential Classes for State Regulated Dams		
Hazard Potential Classification	Loss of Human Life	Economic, Environmental, Lifeline Losses
Low	None expected	Low and generally limited to owner
Significant	None expected	Yes
High	Probable, one or more expected	Yes (but not necessary for this classification)
Note: The hazard potential classification is an assessment of the consequences of failure, not an evaluation of the probability of failure.		
Source: ADWR and NID		

The NID database includes dams that are either:

- High or Significant hazard potential class dams, or,
- Low hazard potential class dams that exceed 25 feet in height and 15 acre-feet storage, or,
- Low hazard potential class dams that exceed 50 acre-feet storage and 6 feet height.

There are 45 dams in Graham County based on the two databases. Of the 45 dams, 26 are under ADWR jurisdiction. The following table provides a summary of the high and significant hazard dams in both the ADWR and NID databases.

Hazard Class	Dam Name	ADWR Safety Types	EAP	Inundation Mapping	Nearest Downstream Development	Distance in Miles
High	Cluff Ranch #3	Safety Deficiency	Yes	Yes	Dublin & Pima	6
	Central Detention	Unsafe Dams Pending Evaluation of Flood-Passing Capacity (Requiring Study)	Outdated	Yes	Central	2
	Frye Mesa	Unsafe Dams with Uncertain Stability during Extreme Events (Requiring Study)	Yes	Yes	Thatcher	8
	Graveyard Wash	Unsafe Dams Pending Evaluation of Flood-Passing Capacity (Requiring Study)	Yes	Yes	Safford	2
	Freeman Wash Retarding	Safety Deficiency	Yes	Yes	Thatcher	1
	Stockton Wash Retarding	Unsafe Dams Pending Evaluation of Flood-Passing Capacity (Requiring Study)	Yes	Yes	Safford	2
	Frye Creek Retarding	Unsafe Dams Pending Evaluation of Flood-Passing Capacity (Requiring Study)	Yes	Yes	Thatcher	1
	Roper Lake	No Deficiency	Yes	Yes	Safford	5
	Haralson	No Deficiency	Yes	Yes	Thatcher	4
	Grant Morris	No Deficiency	Yes	Yes	Thatcher	2
	Howard	No Deficiency	Yes	Yes	Pima	3
	Chesley-Wamslee	No Deficiency	Yes	Yes	Pima	3
	Foote Wash	No Deficiency	Draft	Yes	Lone Star	2
	No Name Wash	No Deficiency	Yes	Yes	Lone Star	2
	Lee	No Deficiency	Yes	Yes	Eden	5
	Indian Farms	No Deficiency	Yes	Yes	Eden	1
	Billingsley	No Deficiency	Yes	Yes	Eden	2
	Cook Reservoir	Unsafe Dams with Elevated Risk of Failure	No	Yes	Safford	0.5
Dry Lake	N/A	Yes	Yes	Point of Pines	9	
Point of Pines	N/A	Yes	Yes	Point of Pines	3	
Upper Point of Pines	N/A	Yes	Yes	Point of Pines	5	
Significant	Riggs Reservoir	Safety Deficiency	Yes	No	Thatcher	4
	Lebanon Reservoir #1 Upper	Safety Deficiency	Yes	Yes	Safford	13
	Judy Wash Retarding	Safety Deficiency	Outdated (1987)	Outdated (1987)	Solomon	1

The magnitude of impacts due to dam failure are usually depicted by mapping the estimated downstream inundation limits based on an assessment of a combination of flow depth and velocity. These limits are typically a critical part of the emergency action plan. For inundation resulting from dam failure, the following two classes of hazard risk are depicted:

HIGH Hazard = Inundation limits due to dam failure

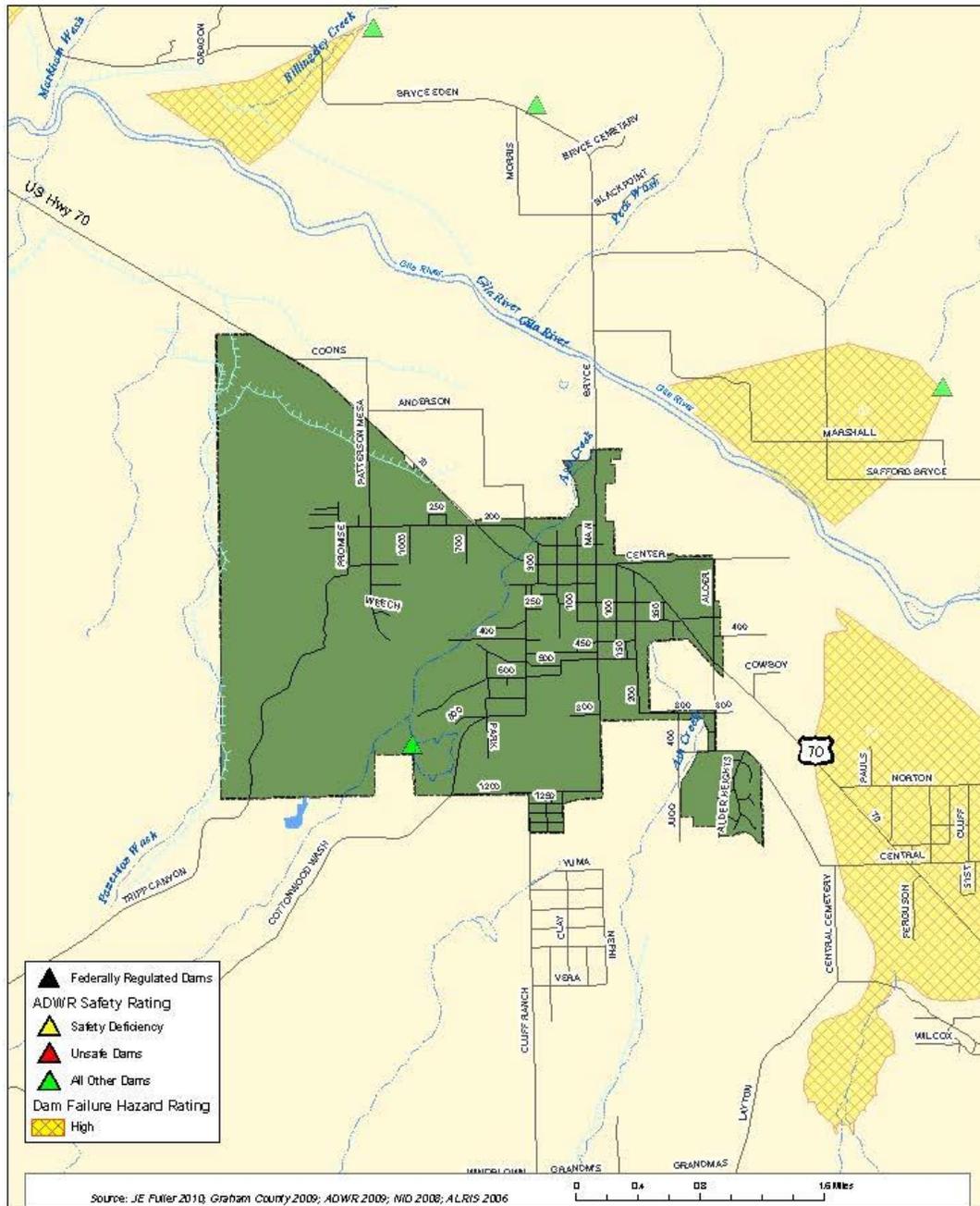
LOW Hazard = All other areas outside the inundation limits

Vulnerability

Table 4-6: CPRI Ratings for Dam Failure					
Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	CPRI Score
Graham County	Unlikely	Catastrophic	<6 hours	<24 hours	2.45
Pima	Unlikely	Limited	6-12 hours	<1 week	1.80
Safford	Possibly	Catastrophic	12-24 hours	>1 week	2.80
Thatcher	Unlikely	Critical	<6 hours	<24 hours	2.15

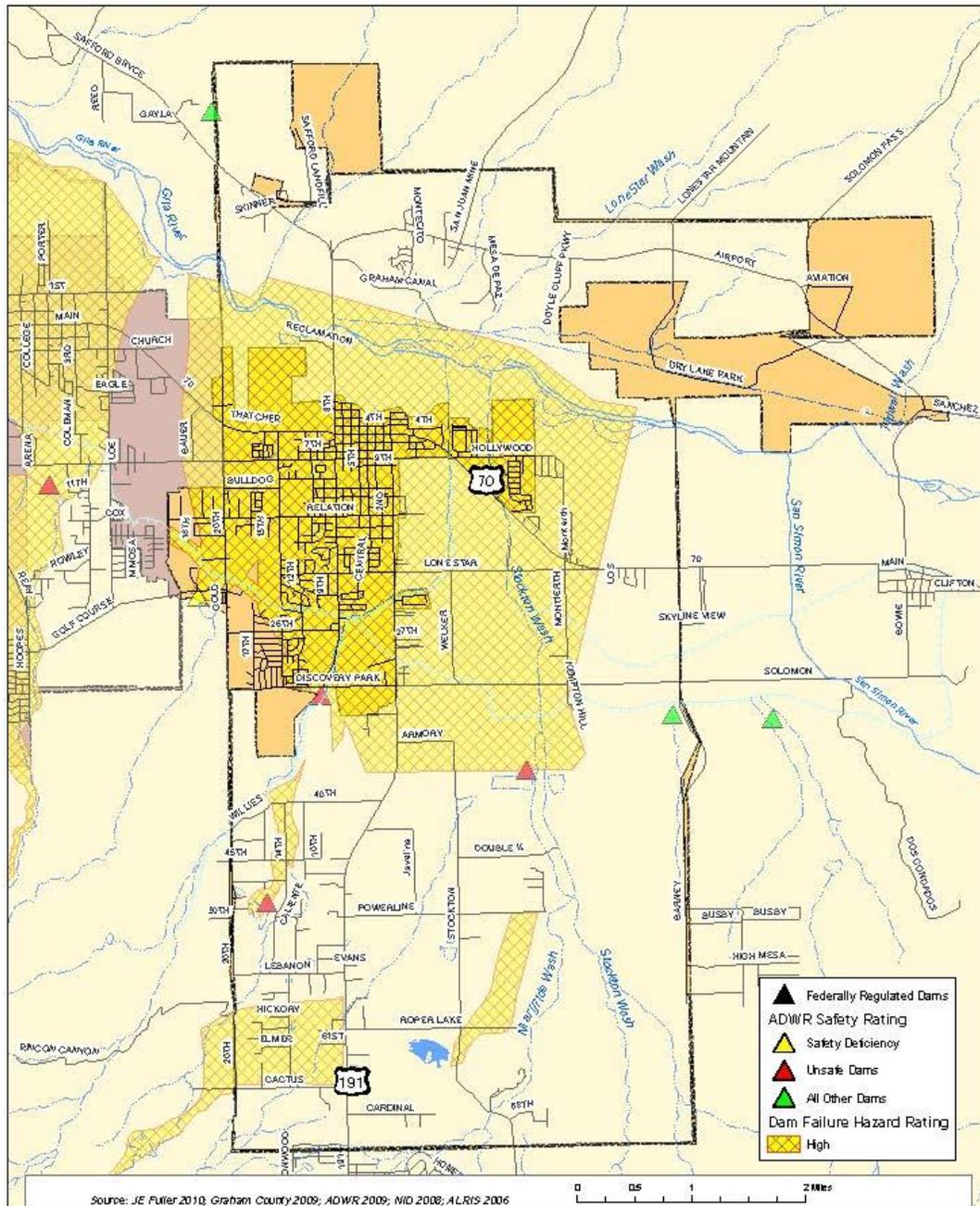
Since no common methodology is available for obtaining losses from the exposure values, estimates of the loss-to-exposure ratios were assumed based on the perceived potential for damage. Any hazard event, or series of hazard events of sufficient magnitude to cause a dam failure scenario, could have potentially catastrophic consequences in the inundation areas. Flood waves from these types of events travel very fast and possess tremendous destructive energy.

The previous Plan indicates that \$236 million in asset related losses are estimated for dam failure inundation between all jurisdictions in Graham County. An additional \$285 million was estimated in losses to residential, commercial, and industrial facilities. A total of 15,031 people, or 52% of the total Graham County population, is potentially exposed to a dam failure inundation event. The potential for deaths and injuries are related to the warning time and type of event. Given the magnitude of such an event(s), it is realistic to anticipate at least one death and several injuries. There is also a high probability of population displacement for most of the inhabitants within the inundation limits downstream of the dams.



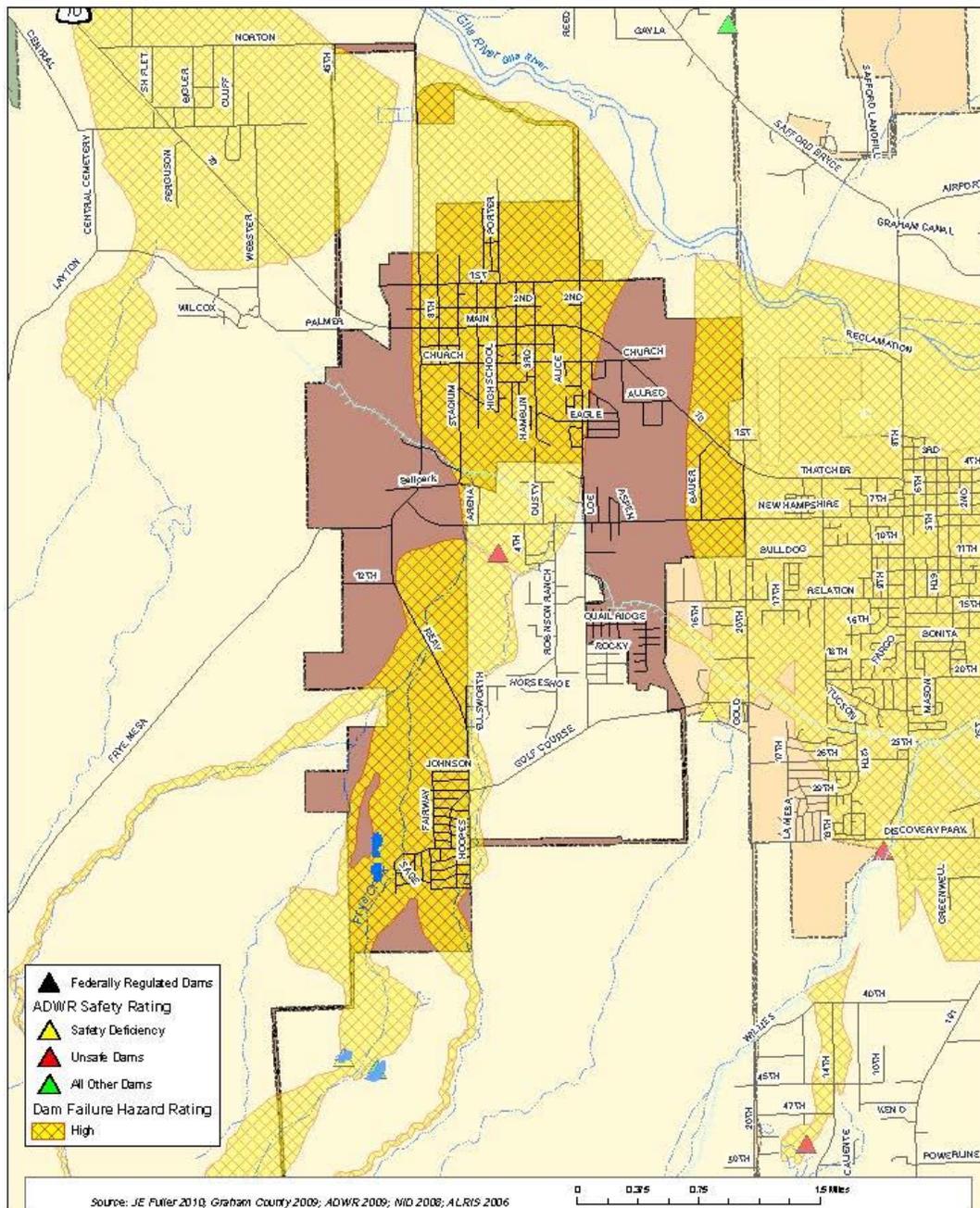
<p>Legend</p> <ul style="list-style-type: none"> Major Streams Streets Canals/Washes Lakes/Ponds County 	<p>Community</p> <ul style="list-style-type: none"> Pima Safford Thatcher Unincorporated San Carlos Indian Res. 	<p>Graham County Multi-Jurisdictional Multi-Hazard Mitigation Plan</p> <p>Town of Pima Dam Failure Hazard Map</p>
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Map 4-2: Dam Failure Hazard Town of Pima



<p>Legend</p> <ul style="list-style-type: none"> Major Streams Streets Canals/Washes Lakes/Ponds County 		<p>Community</p> <ul style="list-style-type: none"> Prma Safford Thatcher Unincorporated San Carlos Indian Res. 		<p>Graham County Multi-Jurisdictional Multi-Hazard Mitigation Plan</p>		<p>City of Safford Dam Failure Hazard Map</p>

Map 4-3: Dam Failure Hazard City of Safford



<p>Legend</p> <ul style="list-style-type: none"> Major Streams Streets Canals/Washes Lakes/Ponds County 		<p>Community</p> <ul style="list-style-type: none"> Prma Safford Thatcher Unincorporated San Carlos Indian Res. 	<p>Graham County Multi-Jurisdictional Multi-Hazard Mitigation Plan</p>  <p>Town of Thatcher Dam Failure Hazard Map</p>

Map 4-4: Dam Failure Hazard Town of Thatcher

4.4.2 Drought

Description

Drought is a normal part of virtually every climate on the planet, including areas of high and low rainfall. It is different from normal aridity, which is a permanent characteristic of the climate in areas of low rainfall. Drought is the result of a natural decline in the expected precipitation over an extended period, typically one or more seasons in length. The severity of drought can be aggravated by other climatic factors, such as prolonged high winds and low relative humidity (FEMA, 1997).

Drought is a complex natural hazard, which is reflected in the following four definitions commonly used to describe it:

- Meteorological – drought is defined solely on the degree of dryness, expressed as a departure of actual precipitation from an expected average or normal amount based on monthly, seasonal, or annual time scales.
- Hydrological – drought is related to the effects of precipitation shortfalls on stream flows and reservoir, lake, and groundwater levels.
- Agricultural – drought is defined principally in terms of naturally occurring soil moisture deficiencies relative to water demands of plant life, usually arid crops.
- Socioeconomic – drought associates the supply and demand of economic goods or services with elements of meteorological, hydrologic, and agricultural drought. Socioeconomic drought occurs when the demand for water exceeds the supply because of weather-related supply shortfall. It may also be called a water management drought.

A drought's severity depends on numerous factors, including duration, intensity, and geographic extent as well as regional water supply demands by humans and vegetation. Due to its multi-dimensional nature, drought is difficult to define in exact terms and poses difficulties in terms of comprehensive risk assessments.

Drought differs from other natural hazards in three ways. First, the onset and end of a drought are difficult to determine due to the slow accumulation and lingering effects of an event after its apparent end. Second, the lack of an exact and universally accepted definition adds to the confusion of its existence and severity. Third, in contrast with other natural hazards, the impact of drought is less obvious and may be spread over a larger geographic area. These characteristics have hindered the preparation of drought contingency or mitigation plans by many governments.

Droughts may cause a shortage of water for human and industrial consumption, hydroelectric power, recreation, and navigation. Water quality may also decline and the number and severity of wildfires may increase. Severe droughts may result in the loss of agricultural crops and forest products, undernourished wildlife and livestock, lower land values, and higher unemployment.

History

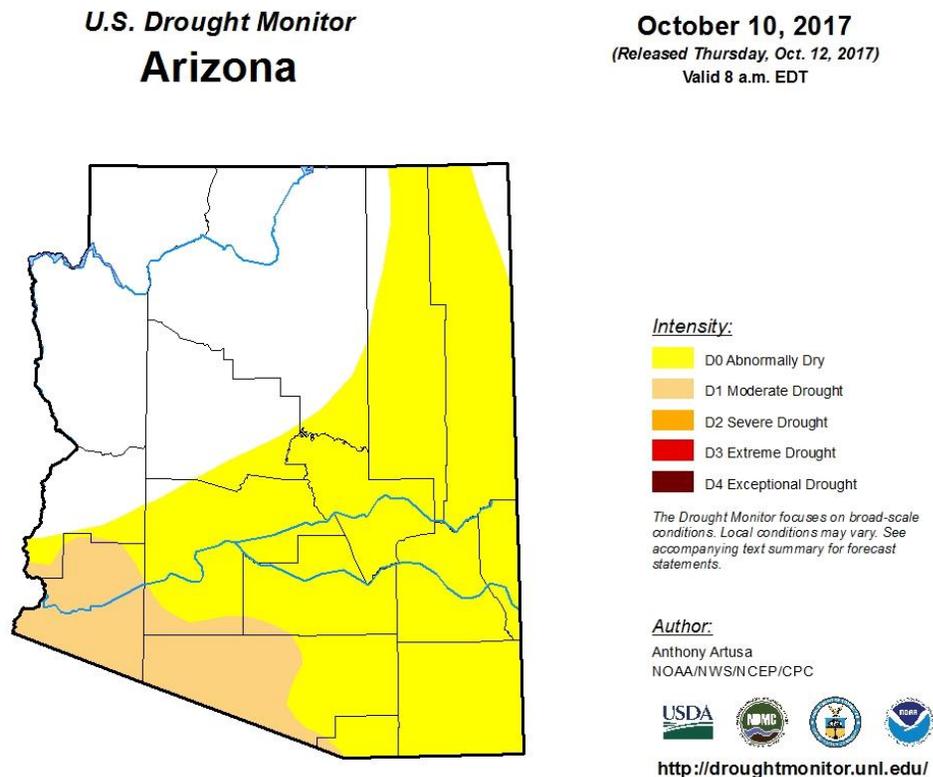
Arizona has experienced 17 droughts declared as drought disasters/emergencies and 93 drought events (droughts affecting multiple years are recorded as a distinct event for each year affected). Between 1849 and 1905, the most prolonged period of drought conditions in 300 years occurred in Arizona (Jacobs, 2003). Another prolonged drought occurred during the period of 1941 to 1965. The period from 1979-1983 appears to have been anomalously wet, while the rest of the historical records shows that dry conditions are most likely the normal condition for Arizona. Between 1998 and 2007, there have been more months with below normal precipitation than months with above normal precipitation. The area has experienced drought conditions continuously however; no declarations or emergencies have been declared in the past five years.

Probability and Magnitude

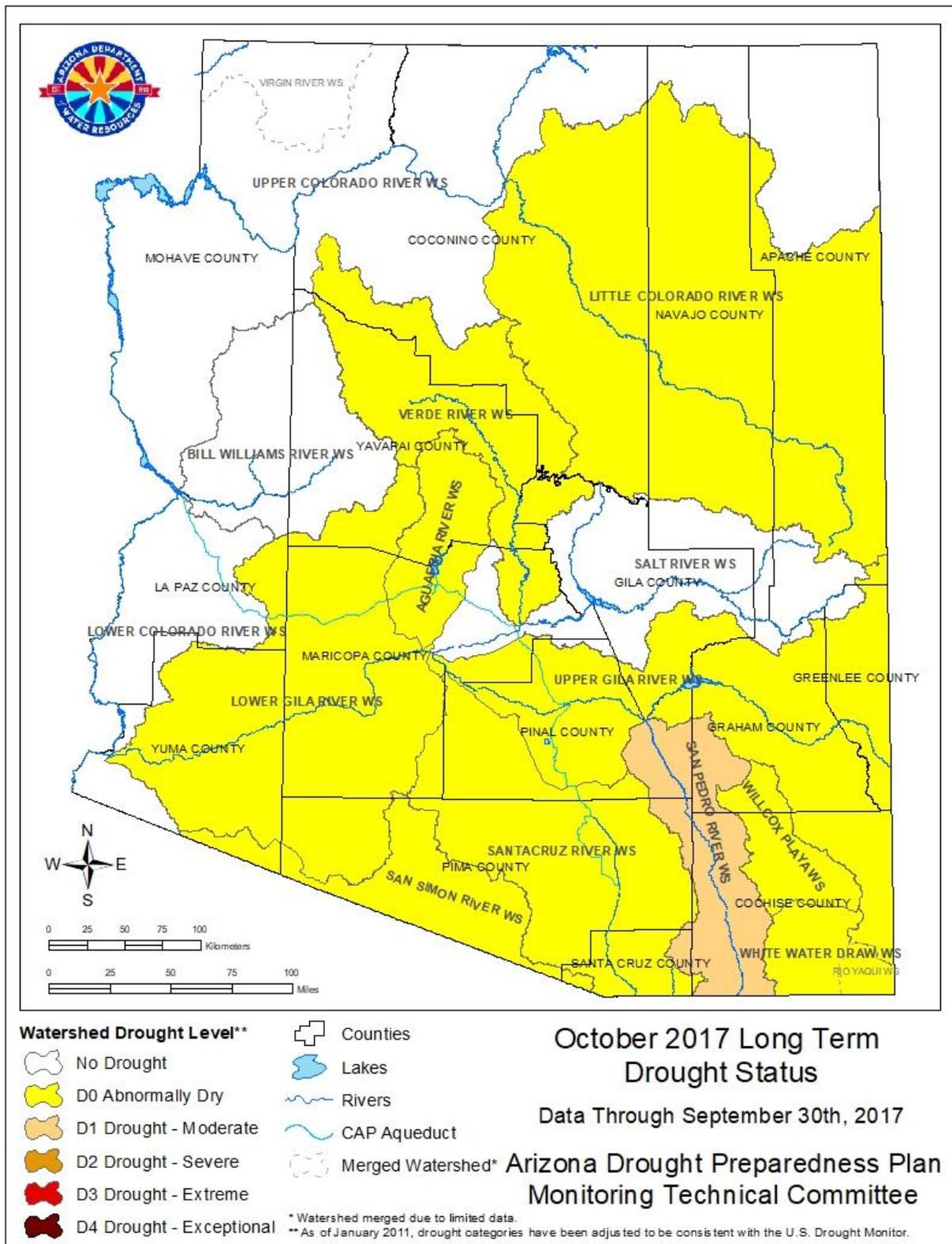
There is no commonly accepted return period or non-exceedance probability for defining the risk from drought (such as the 100-year or 1% annual chance of flood). The magnitude of drought is usually measured in time and the severity of the hydrologic deficit. There are several resources available to evaluate drought status and even project expected conditions for the very near future.

The NIDIS maintains the U.S. Drought Portal, a web-based access point to several drought related resources including the U.S. Drought Monitor (USDM) and the U.S. Seasonal Drought Outlook (USSDO). The USDM is a weekly map depicting the status of drought and the USSDO is a six-month projection of potential drought conditions. The primary indicators for these maps are the Palmer Hydrologic Drought Index and the 60-month Palmer Z-index. The Palmer Drought Severity Index (PDSI) measures the severity of drought for agriculture and water resource management. It is calculated from observed temperature and precipitation values and estimates soil moisture.

In 2003, the Arizona Drought Task Force (ADTF), led by ADWR was created, which developed a statewide drought plan. The plan includes criteria for determining both short and long-term drought status for each of the 15 major watersheds in the state using assessments that are based on precipitation and stream flow. The plan also provides the framework for an interagency group which reports to the governor on drought status, in addition to local drought impact groups in each county and the State Drought Monitoring Technical Committee. Twice a year this group reports to the governor on the drought status and the potential need for drought declarations. The counties use the monthly drought status reports to implement drought actions. The State Drought Monitoring Technical Committee uses the Standardized Precipitation Index (SPI) for the short-term drought status and a combination of the SPI and stream flow for the long-term drought status.



Map 4-5: Arizona Drought Status



Map 4-6: Arizona Long-Term Drought Status

Vulnerability

Jurisdiction	Probability	Magnitude/Severity	Warning Time	Duration	CPRI Rating
Graham County	Highly Likely	Critical	>24 hours	>1 week	3.25
Pima	Unlikely	Negligible	>24 hours	>1 week	1.60
Safford	Likely	Critical	>24 hours	>1 week	2.80
Thatcher	Likely	Negligible	>24 hours	>1 week	2.20

Loss Estimations

No standardized methodology exists for estimating losses due to drought and drought does not generally have a direct impact on critical and non-critical facilities and building stock. A direct correlation to loss of human life due to drought is improbable for Graham County. Instead, drought vulnerability is primarily measured by its potential impact to certain sectors of the County economy and natural resources include the following:

- Crop and livestock agriculture
- Municipal and industrial water supply
- Recreation/tourism
- Wildlife and wildlife habitat

Sustained drought conditions will also have secondary impacts to other hazards such as fissures, flooding, subsidence and wildfire. Extended drought may weaken and dry the grasses, shrubs, and trees of wildfire areas, making them more susceptible to ignition. Drought also tends to reduce the vegetative cover in watersheds, and hence decrease the interception of rainfall and increase the flooding hazard. Subsidence and fissure conditions are aggravated when lean surface water supplies force the pumping of more groundwater to supply the demand without the benefit of recharge from normal rainfall.

Sources

AZ Water Resources, *Arizona Drought Monitor Report*

Dept of Emergency and Military Affairs, *State of Arizona Multi-Hazard Mitigation Plan*

Jacobs, Katharine and Morehouse, Barbara, June 2003. “Improved Drought Planning for Arizona,” from Conference on Water, Climate, and Uncertainty: Implications for Western Water Law, Policy and Mgmt. http://www.water.az.gov/gdtf/content/files/06262003/Improved_Drought_Planning_for_AZ_6-17.pdf

National Integrated Drought Information System, 2007, *National Integrated Drought Information System Implementation Plan*, NOAA.

NIDIS U.S. Drought Portal <http://www.drought.gov/portal/server.pt/community/drought.gov/202>

NOAA, NWS, Climate Prediction Center, 2010, http://www.cpc.ncep.noaa.gov/products/expert_assessment/seasonal_drought.html

4.4.3 Fissure

Description

Earth fissures are linear cracks, seams, or separations in the ground surface that extend from the groundwater table or bedrock, and are caused by tensional forces related to differential land subsidence. In many cases, fissures form as a direct result of subsidence caused by groundwater depletion. The surface expression of fissures ranges from less than a yard to several miles long and from less than an inch to tens of feet wide. Earth fissures occur at the edges of basins, usually parallel to mountain fronts, or above local bedrock highs in the subsurface, and typically cut across natural drainage patterns. Fissures can alter flood patterns, break buried pipes and lines, cause infrastructure to collapse, provide a direct conduit to the groundwater table for contaminants, and even pose a life safety hazard for both humans and animals.

History

Fissures (or possibly giant desiccation cracks) have appeared in the Klondyke area on the south side of Mt. Graham, threatening the county maintained Bonita Aravaipa Road. According to the Graham County Transportation Department, the fissures in the area have resulted in damages to Bonita Aravaipa Road resulting in the need for ongoing repairs.

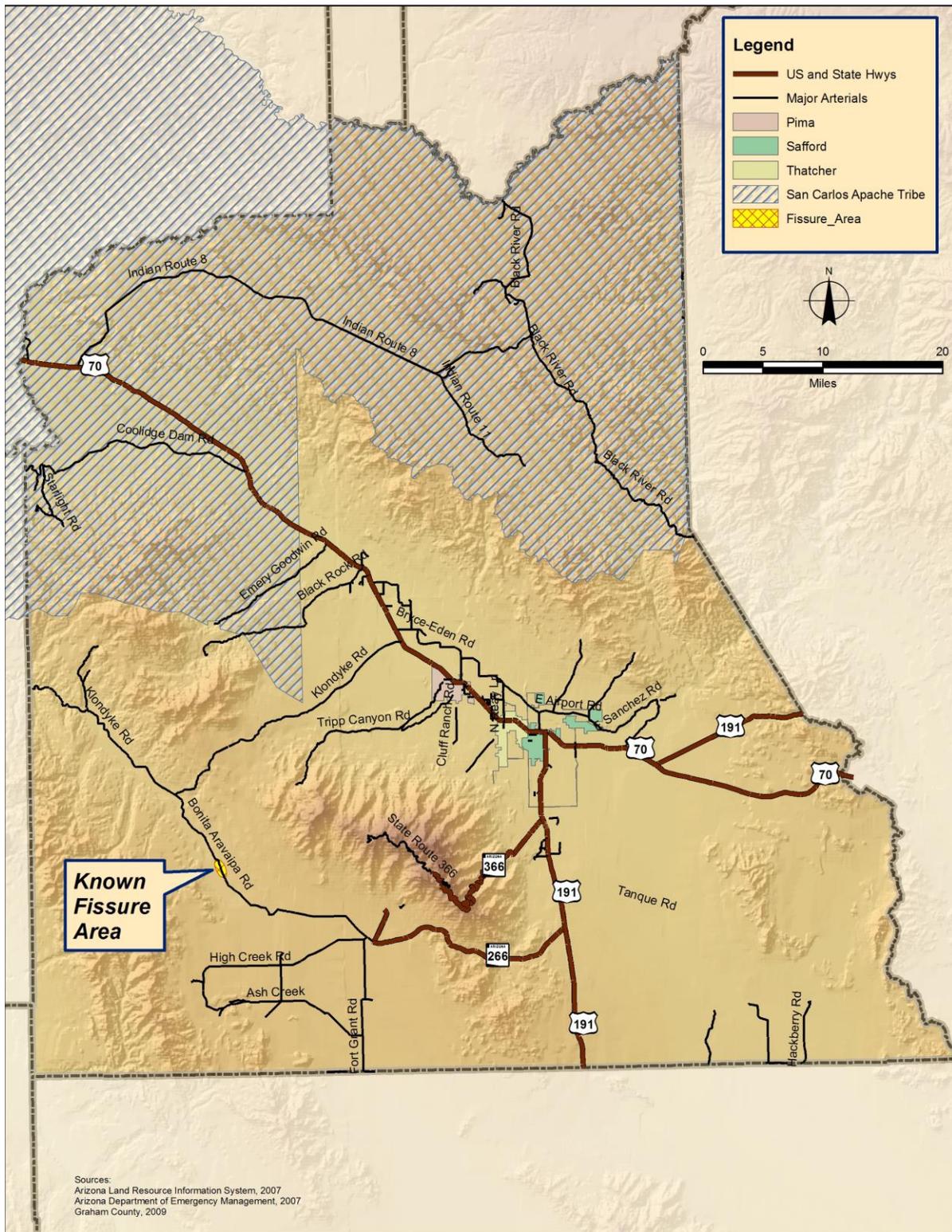
- August 29, 2000 - A large crack, reported to AZGS by the Graham County Highway Department, appeared overnight in the Bonita-Klondyke Road following a heavy rain in the upper Aravaipa Creek drainage northeast of Eureka Ranch. The crack was approximately 900 feet long, three feet wide, and six feet deep. The crack blocked the main road and forced traffic to use a temporary road built on the shoulder for several days. According to local residents, this section of road had experienced a similar crack many years ago, perhaps in the late 1970s to mid 1980s. Locals point out that it has been known for years that riding a horse through tall grass in the area is extremely dangerous because of the presence of cracks. The Highway Department repaired the crack in the Bonita-Klondyke Road by excavating it down to about eight feet and backfilling with tamped material. About five miles northwest of the main area of cracks, another crack opened in the road the same night as the crack to the south. This second crack was much smaller where it crossed the highway and did not disrupt traffic. The crack was traced south of the road for about 60 meters. Although the crack was as much as one foot wide adjacent to the north side of road, the maximum width south of the road was about two inches. During a reconnaissance of the surrounding area, more cracks and alignments of sinkholes were discovered north of the road. At the time of a follow-up visit to the locality in May 2001, the crack south of the road was no longer open. A companion crack and an alignment of large depressions to the north were still open.

Probability/Magnitude

There are no methods of quantifiably predicting the probability and magnitude of earth fissures. The locations of potential fissures or extension of existing fissures may be predictable in specific areas if enough information about the subsurface material properties and groundwater levels are available. It is a fair assurance that continued groundwater depletion will result in more fissures. The magnitude of existing and new fissures is dependent upon several variables including the depth to groundwater, type and depth of surficial material present, amount and rate of groundwater depletion, groundwater basin depth, depth to bedrock, volume and rate of runoff due to precipitation entering the fissure, and human intervention.

Vulnerability

Table 4-8: CPRI Ratings for Fissure Risk					
Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	CPRI Rating
Graham County	Likely	Limited	<6 hours	>1 week	2.15
Pima	Unlikely	Limited	<6 hours	<24 hours	1.85
Safford	Likely	Limited	>24 hours	>1 week	2.50
Thatcher	Unlikely	Negligible	<6 hours	<6 hours	1.45



Map 4-7: Graham County Known Fissure Hazard Area

Loss Estimations

The Arizona Land Subsidence Group (ALSG) prepared a white paper in 2007 (ASLG, 2007) that summarizes fissure risk and various case studies. The following table is an excerpt from that report listing various types of damages that either have or could occur because of fissures:

Table 1. Hazards Directly Associated with Earth Fissures	
<ul style="list-style-type: none"> • Cracked or collapsing roads • Broken pipes & utility lines • Damaged or breached canals • Cracked foundation/separated walls • Loss of agricultural land • Livestock & wildlife injury or death 	<ul style="list-style-type: none"> • Severed or deformed railroad track • Damaged well casing or wellhead • Disrupted drainage • Contaminated groundwater aquifer • Sudden discharge of ponded water • Human injury or death

(After Pewe, 1990; Bell & Price, 1993; and Slaff, 1993)

Historic losses in Graham County due to fissures are mostly minor losses associated with damages to Bonita Aravaipa Road. It is therefore very difficult to estimate potential economic losses due to a lack of an established methodology. Accordingly, no estimation of potential losses due to fissure risk will be made.

Sources

Dept of Emergency and Military Affairs, State of Arizona Multi-Hazard Mitigation Plan

AZ Geological Survey, 2009, <http://www.azgs.az.gov/EFC.shtml>

AZ Land Subsidence Group, 2007. Land subsidence and earth fissures in Arizona: Research and informational needs for effective risk management, white paper, Tempe, AZ, <http://www.azgs.az.gov/Earth%20Fissures/CR-07-C.pdf>

4.4.4 Flooding

Description

For the purpose of this Plan, the hazard of flooding addressed in this section will pertain to floods that result from precipitation/runoff related events. Other flooding due to dam failures is addressed separately. The three seasonal atmospheric events that tend to trigger floods in Graham County are:

- *Tropical Storm Remnants:* Some of the worst flooding tends to occur when the remnants of a hurricane that has been downgraded to a tropical storm or tropical depression enter the State. These events occur infrequently and mostly in the early autumn and usually bring heavy and intense precipitation over large regions causing severe flooding.
- *Winter Rains:* Winter brings the threat of low intensity; but long duration rains covering large areas that cause extensive flooding and erosion, particularly when combined with snowmelt.
- *Summer Monsoons:* In mid to late summer, the monsoon winds bring humid subtropical air into the State. Solar heating triggers afternoon and evening thunderstorms that can produce extremely intense, short duration bursts of rainfall. The thunderstorm rains are mostly translated into runoff and in some instances, the accumulation of runoff occurs very quickly resulting in a rapidly moving flood wave referred to as a flash flood. Flash floods tend to be localized and may cause significant flooding of local watercourses.

Damaging floods in the County can be primarily categorized as either riverine or local area flows. Riverine flooding occurs along established watercourses when the bankfull capacity of a watercourse is exceeded by storm runoff or snowmelt and the overbank areas become inundated. Local area flooding is often the result of poorly designed or planned development wherein natural flowpaths are altered, blocked or obliterated, and localized ponding and conveyance problems result. Erosion is also often associated with damages due to flooding.

History

Graham County has been part of several flooding events both declared and undeclared. The following incidents represent examples of significant flooding and its impact on the County:

- October 2016, communities in Graham County were hit with more than two inches of rain and up to six inches of hail in a short period on October 8, 2016 causing damage to homes and cars due to high wind, hail and flooding of houses and streets. It also collapsed a portion of the 12th Avenue road in Safford and left some families without a livable place to sleep. The Red Cross put families up in motels that needed a place to go.
- September 2014, Tropical Storm Odile brought heavy rains to Graham County causing flooding, breached canals and washes. Some local residents were evacuated from their homes. Many put sand bags around their homes and property. The Town of Pima passed a resolution proclaiming an emergency at a town meeting.
- July and early August 2006, several areas of the state were struck by severe storms and flooding during the period of July 25 to August 4, 2006. Tropical moisture poured into Southeast Arizona, saturating the ground at most locations. As rainfall continued, additional runoff quickly filled rivers, washes, and exceeding bank full capacities. Highway 70 was flooded 2 miles west of the Town of Pima. Heavy rainfall over Mount Graham, just southwest of the City of Safford, caused roadway flooding along Highway 366, with ADOT reporting water, rocks and debris over the highway at mile post 121 (Noon Creek) and again at mile post 123 (Wet Canyon).
- February 2005, a strong storm system drew moist subtropical air from the Pacific to give northern and central Arizona widespread moderate to heavy rains. The precipitation event began

February 10th and lasted through the early hours on February 13th. Rainfall totals of 2 to 3 inches were common in many locations. The Town of Solomon at the Gila River reported minor flooding. The Solomon Road, Pima Road, and Thatcher Road bridge approaches were all flooded and closed. U.S. Highway 70 Bridge near Bylas was also flooded and closed.

- August 2004, U.S. Highway 70, west of the town of Pima, was closed due to flooding of Matthews Wash. There was also a swift water rescue performed when a truck was stuck in Talley Wash near Thatcher. ADOT reported that flooding damages to portions of Hwy 191 forced its closure. Property damages were estimated at \$20,000 (NCDC, 2010).
- July 2004, heavy rainfall from several thunderstorms caused the buildup of rain on the roof of a museum in Thatcher. The roof collapsed around 10:30 pm that night causing an estimated \$10,000 in damages (NCDC, 2010).
- October 2000, heavy rain damaged cotton crops and pinto bean fields in valley. Flooding on Sally Bryce Road in the Tally Wash area resulted in road closure. Property and agricultural damages were estimated at \$5,000 and \$10,000 each (NCDC, 2010).
- January-February 1993, heavy rain fell over most of north, central and southeastern Arizona resulting in significant flooding along most major watercourses. In Graham County, damages consisted primarily of public damages related to irrigation delivery systems and water supply systems located along the Gila River. Most of the private damages were agricultural related. According to the USACE Flood Damages Report Graham County had in excess of \$6.95 million in public and private losses due to flooding damages. The flooding prompted a federal disaster declaration for almost the entire state.

Probability and Magnitude

As the history and the following risk rating and mapping indicates, flooding in Graham County has been and will continue to be a high probability for most of the area.

Vulnerability

Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	CPRI Rating
Graham County	Highly Likely	Critical	<6 hours	<1 week	3.60
Pima	Highly Likely	Limited	>24 hours	<1 week	2.85
Safford	Highly Likely	Critical	<6 hours	<6 hours	3.40
Thatcher	Likely	Limited	<6 hours	<1 week	2.85

As indicated in the 2010 Plan, \$35.8 million and \$2.4 million in asset related losses are estimated for high and medium flood hazards, for all the participating jurisdictions in Graham County. An additional \$29.7 and \$2.7 million in high and medium flood losses to residential, commercial, and industrial facilities is estimated for all participating Graham County jurisdictions. Further, approximately 8.6% and 3.2% of the total population, is potentially exposed to a high and medium hazard flood events. Based on the historic record, multiple deaths and injuries are plausible and a substantial portion of the exposed population is subject to displacement depending on the event magnitude.

Graham County is very vulnerable to flooding. With its population center in the Gila River basin and high variability in terrain, Graham County has experienced many flooding events in history, and we expect many more to come.

In 2017 the Frye Fire burned over 40,000 acres on Mount Graham, it possess an additional threat during the monsoon season. Large-scale wildfires dramatically alter the terrain and ground conditions, leaving

the ground charred, bare and unable to absorb water, creating conditions for flash flooding and mudflows. Flood risk remains significantly higher until vegetation is restored – up to five years after a wildfire.

Flooding after a fire is often more severe, as debris and ash left from the fire can form mudflows. As rainwater moves across charred and denuded ground, it can also pick up soil and sediment and carry it in a stream of floodwaters.

Flooding is the most common hazard in Arizona with between 40-100 floods each year, costing millions of dollars in repair and recovery costs.

NFIP

Graham County and the three incorporated jurisdictions participate in the NFIP by adopting a floodplain management ordinance that requires jurisdictions to follow minimum standards set forth by FEMA and the State of Arizona, when developing in the floodplain. These standards require new buildings and substantial building improvements be protected from damage by the 100-year flood, and that new floodplain development will not aggravate existing flood problems or increase damage to other properties. NFIP participants also benefit from having Flood Insurance Rate Maps (FIRM) that map identified flood hazard areas and can be used to assess flood hazard risk, regulate construction practices and set flood insurance rates. FIRMs can also be used to educate residents, government officials and the private sector about the likelihood of area flooding.

Although the county and jurisdictions are not participants in the Community Rating System, they remain committed to continuing their participation in the NFIP and educating the public and taking advantage of outreach opportunities as they arise.

Table 4-10: NFIP Status and Statistics as of Oct 2017

Jurisdiction	NFIP Entry Date	Current Effective Map Date	# of Policies	Floodplain Management Role
Graham Co	12/4/1984	9/28/2007	200	The county provides floodplain management for Pima, Thatcher, and the unincorporated areas.
Pima	2/15/1984	9/28/2007	90	Floodplain management provided by the county
Safford	1/18/1985	9/28/2007	44	Provides in-house floodplain management.
Thatcher	12/15/1983	9/28/2007	49	Floodplain management provided by the county. Town staff review concurrent with the county.

Source: <https://bsa.nfipstat.fema.gov/reports/1011.htm#AZT>

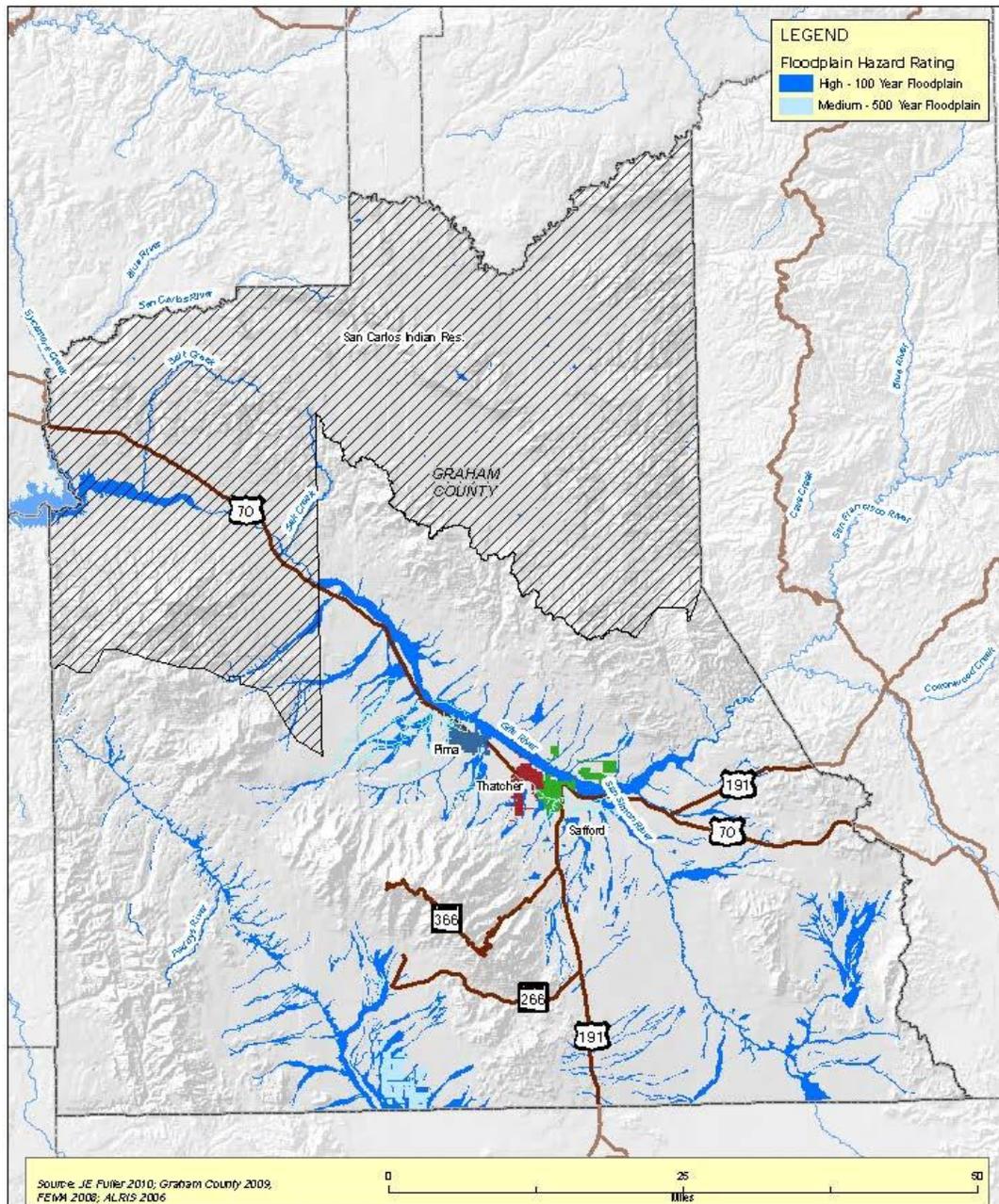
Vulnerability - Repetitive Loss Properties

Repetitive Loss (RL) properties are NFIP-insured properties that have experience multiple flood losses, which are tracked to identify Severe RL (SRL) properties. RL properties are also important to the NFIP, since structures that flood frequently put a strain on the National Flood Insurance Fund. FEMA records dated February 2017 indicate there are no RL or SRL properties in Graham County.

Sources

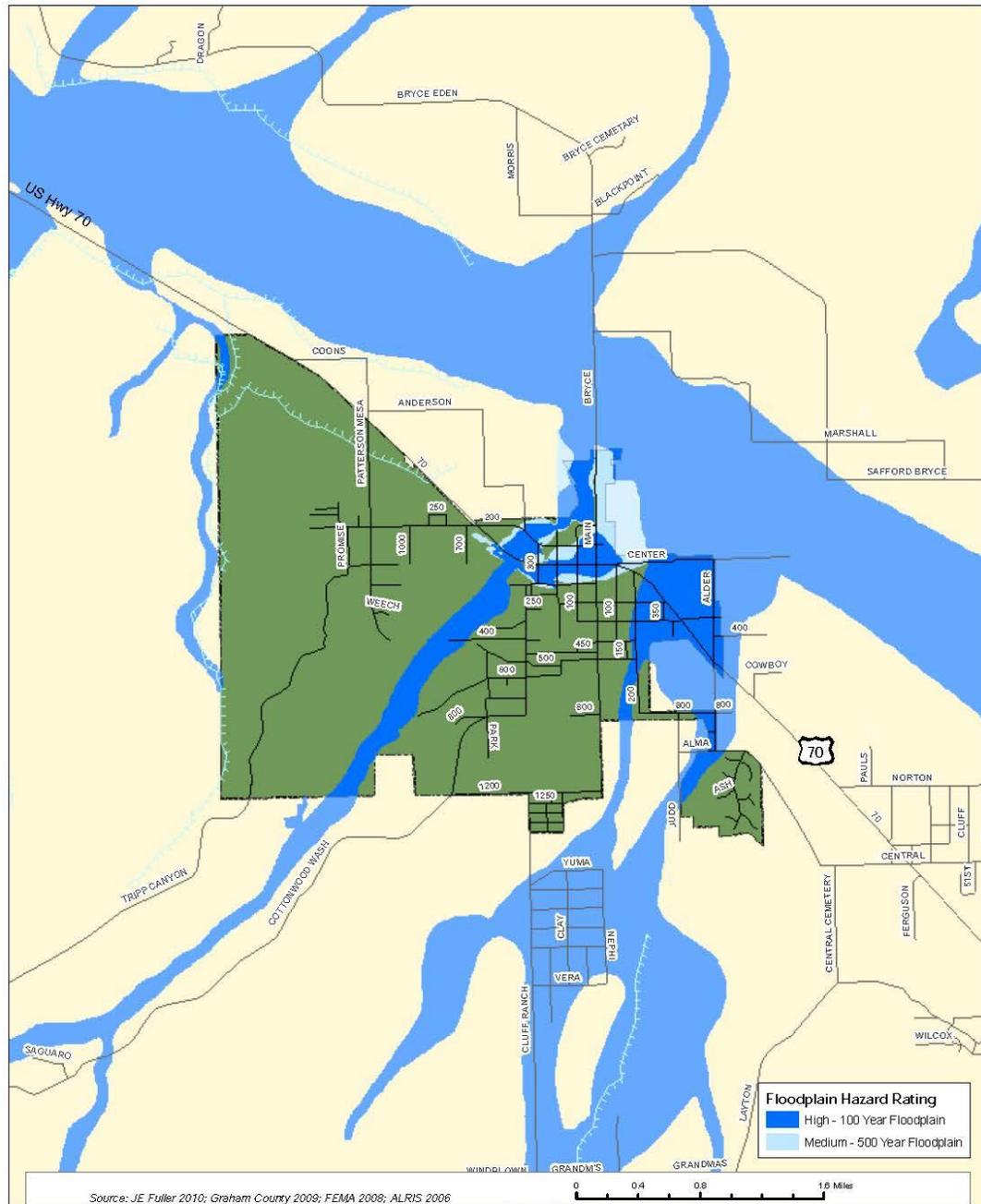
Dept of Emergency Management and Military Affairs, State of AZ Hazard Mitigation Plan, 2010
 FEMA, 2001, Understanding Your Risks; Identifying Hazards and Estimating Losses, Doc. 386-2.
 U.S. Dept of Commerce, National Climatic Data Center, 2010, Storm Events Database,
<http://www4.ncdc.noaa.gov/cgi-win/wwcgi.dll?wwevent~storms>

U.S. Army Corps of Engineers, Los Angeles District, 1994, Flood Damage Report, State of Arizona, Floods of 1993.



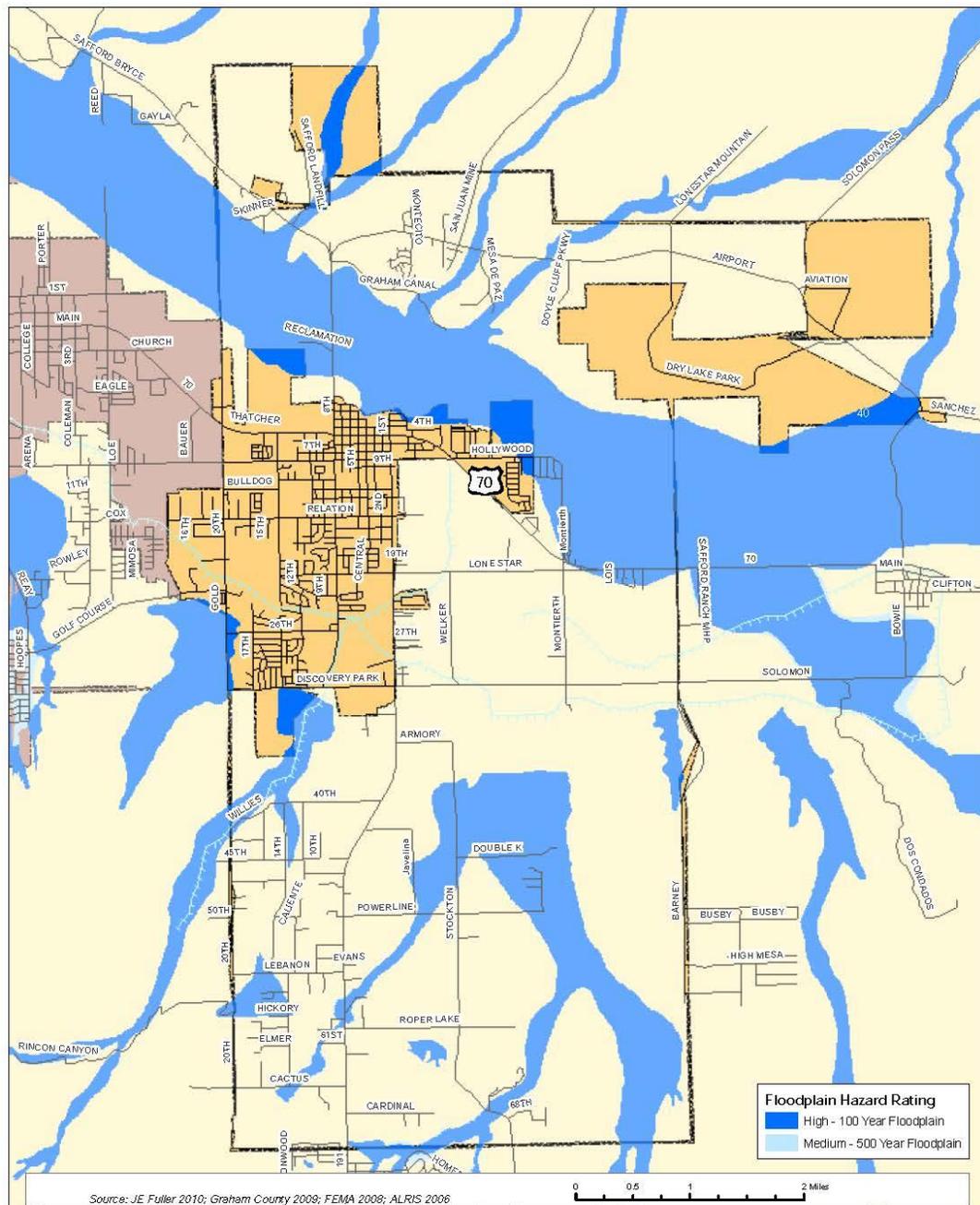
<p>Legend</p> <ul style="list-style-type: none"> Highway Major Streams Canals/Washes Lakes/Ponds Pima Safford Thatcher San Carlos Indian Res. 			<p>Graham County Multi-Jurisdictional Multi-Hazard Mitigation Plan</p> <p style="text-align: right;">Graham County Flood Hazard Map</p> <p style="text-align: right;">Based on Sep 07 DFIRM Data</p>
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Map 4-8: Flood Hazard Graham County



Legend Highway Major Streams Streets Canals/Washes Lakes/Ponds County		Community Pima Safford Thatcher Unincorporated San Carlos Indian Res.		N 	Graham County Multi-Jurisdictional Multi-Hazard Mitigation Plan City of Safford Town of Pima	Town of Pima Floodplain Hazard Map Based on Sep 07 DFIRM Data
Source: JE Fuller 2010; Graham County 2008; FEMA 2008; ALRIS 2006						

Map 4-9: Floodplain Hazard Town of Pima



Legend

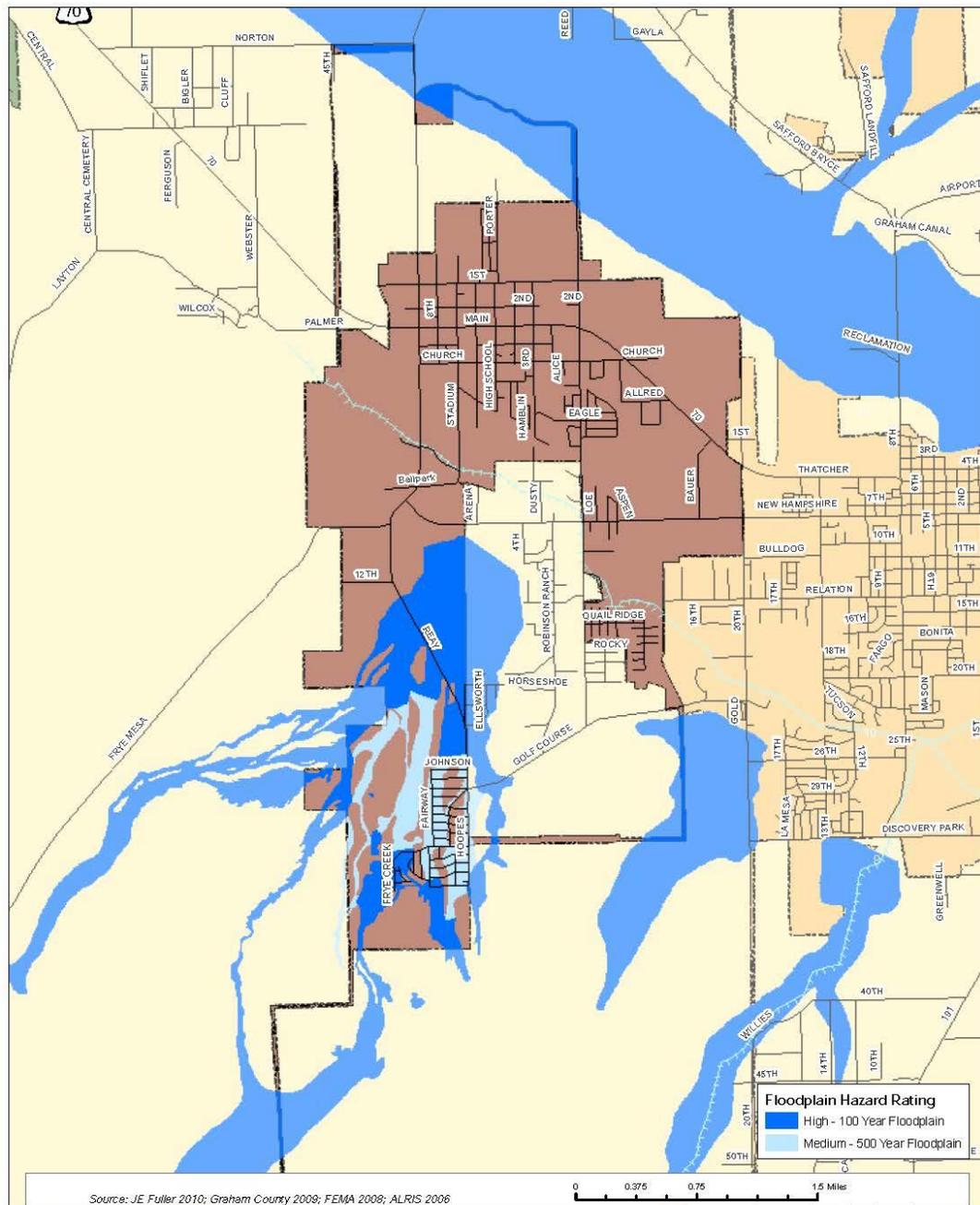
Highway	Community
Major Streams	Safford
Streets	Thatcher
Canals/Washes	Unincorporated
Lakes/Ponds	San Carlos Indian Res.
County	

Graham County Multi-Jurisdictional
 Multi-Hazard Mitigation Plan

**City of Safford
 Floodplain
 Hazard Map**

Based on Sep 07 DFIRM Data

Map 4-10: Flood Hazard City of Safford



Legend

Highway	Community
Major Streams	Safford
Streets	Thatcher
Canals/Washes	Unincorporated
Lakes/Ponds	San Carlos Indian Res.
County	

Graham County Multi-Jurisdictional
 Multi-Hazard Mitigation Plan

**Town of Thatcher
 Floodplain
 Hazard Map**

Based on Sep 07 DFIRM Data

Map 4-11: Floodplain Hazard Town of Thatcher

4.4.5 Severe Wind

Description

Severe wind encompasses all climatic events that produce damaging winds. For Graham County, severe winds usually result either from extreme pressure gradients that usually occur in the spring and early summer months, or from thunderstorms. Thunderstorms can occur year-round and are usually associated with cold fronts in the winter, monsoon activity in the summer, and tropical storms in late summer or early fall.

Three types of damaging wind related features typically accompany a thunderstorm; 1) downbursts, 2) straight line winds, and infrequently, 3) tornadoes.

Downbursts are columns of air moving rapidly downward through a thunderstorm that spreads out in all directions when it hits the ground, creating horizontal wind gusts of 80 mph or higher. Downburst winds have been measured as high as 140 mph. Some of the air curls back upward with the potential to generate a new thunderstorm cell. Downbursts are called macrobursts when the diameter is greater than 2.5 miles, and microbursts when the diameter is 2.5 miles or less. Wet downbursts contain precipitation that continues all the way down to the ground, while precipitation in a dry downburst evaporates on the way to the ground, decreasing the air temperature and increasing the air speed. In a microburst the wind speeds are highest near the location where the downdraft reached the surface, and are reduced as they move outward due to the friction of objects at the surface. Damage from downbursts may include uprooted trees, downed power lines, mobile homes knocked off their foundations, block walls and fences blown down, and porches and awnings blown off homes.

Straight-line winds are developed similar to downbursts, but are usually sustained for greater periods as a thunderstorm reaches the mature stage, traveling parallel to the ground surface at speeds of 75 mph or higher. These winds are frequently responsible for generating dust storms and sand storms, reducing visibility and creating hazardous driving conditions.

A tornado is a rapidly rotating funnel (or vortex) of air that extends toward the ground from a cumulonimbus cloud. Most funnel clouds do not touch the ground, but when the lower tip of the funnel cloud touches the earth; it becomes a tornado and can cause extensive damage. For Graham County, tornadoes are the least common severe wind to accompany a thunderstorm.

History

Although the area is included in several weather warnings, no events significant enough to produce noteworthy impacts have been reported since 2009. These events typically include 60+ mph wind gusts and hail, resulting in structural and agricultural damages. The following are examples of significant past events:

- July 2009, a trained spotter reported many trees were downed in the central part of Safford. ASOS measured a 63 mph thunderstorm wind gust at the Safford Regional Airport. Amateur radio operators reported numerous power poles down near Safford. Damages were estimated to exceed \$30,000 (NCDC, 2010).
- August 2008, severe thunderstorms rolled across portions of Graham and Eastern Pima Counties producing wind damage and large hail. Multiple power lines were blown down between Safford and Thatcher. Damages were estimated to exceed \$15,000 (NCDC, 2010).
- August 2005, strong winds associated with a thunderstorm in Safford, caused damage to two large observation towers, several trailers, and several vehicles as sheet metal was blown off a roof hitting the cars. Damages were estimated to exceed \$25,000 (NCDC, 2010).

Probability and Magnitude

Most severe wind events are associated with thunderstorms as previously mentioned. The probability of a severe thunderstorm occurring with high velocity winds increases as the average duration and number of thunderstorm events increases. The average annual duration of thunderstorms in Graham County ranges from 90-100 minutes and is among the longest in the nation. Despite the long duration time, the highest number of thunderstorms on average in Graham County is 50-60 annually. Lightning strikes are another indicator of thunderstorm hazard. Graham County has 6-8 lightning strikes per square kilometer annually (ADEM, 2004). Based on past activity, it is fair to conclude severe events will continue in the county with the likelihood of damages, but in a limited manner.

Tornado damage severity is measured by the Fujita Tornado Scale as expressed in the table below. Most tornadoes last less than 30 minutes with paths ranging from a few hundred feet to miles, and a width of tens of yards to more than a quarter of a mile. Based on the historic record, the probability of tornadoes occurring in Graham County is very limited.

Table 4-11: Fujita Tornado Scale

Category	Wind Speed (MPH)	Description of Damage
F0	40-72	Light damage. Some damage to chimneys; break branches off trees; push over shallow-rooted trees; damage to sign boards.
F1	73-112	Moderate damage. The lower limit is the beginning of hurricane speed. Roof surfaces peeled off; mobile homes pushed off foundations or overturned; moving autos pushed off roads.
F2	113-157	Considerable damage. Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light-object missiles generated.
F3	158-206	Severe damage. Roofs and some walls torn off well constructed houses; trains overturned; most trees in forest uprooted; cars lifted off ground and thrown.
F4	207-260	Devastating damage. Well-constructed houses leveled; structures with weak foundations blown off some distance; cars thrown and large missiles generated.
F5	261-318	Incredible damage. Strong frame houses lifted off foundations and carried considerable distance to disintegrate; automobile-sized missiles fly through the air in excess of 100-yards; trees debarked.

Source: FEMA, 1997.

The map in this profile presents a graphical depiction of historic severe wind occurrences in Graham County; however, the data presented does not reflect all documented events, only those that included latitude and longitude coordinates for location. In addition, the locations are approximate.

Vulnerability

Table 4-12: CPRI Ratings for Severe Wind

Jurisdiction	Probability	Magnitude/Severity	Warning Time	Duration	CPRI Rating
Graham County	Likely	Limited	<6 hours	<1 week	2.85
Pima	Likely	Limited	6-12 hours	<6 hours	2.50
Safford	Highly Likely	Limited	<6 hours	<6 hours	3.10
Thatcher	Possibly	Limited	12-24 hours	<24 hours	2.00

The entire County is assumed to be equally exposed to the damage risks associated with severe winds. Typically, incidents are fairly localized and damages associated with individual events are relatively

small. Based on the historic record over the last 30 years, it is feasible to expect average annual losses of \$15,000 to \$20,000 (countywide). It is difficult to estimate losses for individual jurisdictions within the County due to the lack of discrete data.

Sources

Dept of Emergency Management and Military Affairs, State of AZ Hazard Mitigation Plan.

Changnon, Jr. S., 1988, *Climatology of Thunder Events in the Conterminous U.S., Part I: Temporal Aspects* and *Part II: Spatial Aspects*, Journal of Climate, Vol. 1, No. 4, pp. 389-405.

U.S. Dept of Commerce, National Climatic Data Center, 2008, Storm Events Database

4.4.6 Wildfire

Description

Wildfires often begin unnoticed, spread quickly, and are usually signaled by dense smoke. Wildfires can be human-caused through acts such as arson or campfires, or can be caused by natural events such as lightning. If not promptly controlled, wildfires may grow into an emergency or disaster. Even small fires can threaten lives, resources, and destroy improved properties.

The indirect effects of wildfires can also be catastrophic. In addition to stripping the land of vegetation and destroying forest resources and personal property, large, intense fires can harm the soil, waterways and the land itself. Soil exposed to intense heat may temporarily lose its capability to absorb moisture and support life. Exposed soils in denuded watersheds erode quickly and are easily transported to rivers and streams thereby enhancing flood potential, harming aquatic life and degrading water quality. Lands stripped of vegetation are also subject to increased landslide activity.

History

According to data compiled by the Arizona State Forestry Division over 140 wildfires greater than 100 acres in size, have occurred in all of Graham County (this includes the San Carlos Apache Tribe). Below is a sampling of some of the more significant historic occurrences:

- June to September 2017, the Frye Fire started by a lightning strike on June 7, 2017 in the old burn scar of the 2004 Nuttall Complex Fire. The fire burned over 48, 000 acres and was finally contained in September of 2017.
- May 2008, the Frye Mesa Fire was a fire that began as a prescribed burn to help eradicate a noxious weed growing in the Frye Mesa area, about four miles southwest of Safford, AZ. The fire started on May 20th and was controlled May 27th. The fire burned a total of 3,100 acres with over \$1,116,000 in fire suppression costs.
- May 2006, the North Taylor Fire, a lightning caused fire, burned an area 19 miles southwest of Safford, AZ. The fire started on May 18th and was controlled May 27th. The fire burned a total of 117 acres with over \$1 million in fire suppression costs and three fire related injuries.
- July of 2004, Graham County experienced one of the largest fires in its history. The Nuttall Fire Complex, which began as two separate fires that eventually joined, burned across 29,400 acres of the upper portion of the Pinaleno Mountains. The chief concern of firefighters was the multimillion-dollar Mount Graham International Observatory and the summertime mountain communities of Columbine and Turkey Flat. A total of 683 personnel were involved with the fire and the firefighting efforts cost about \$9.2 million. One structure was damaged and one was destroyed when the fire overran the communications tower cluster at Heliograph Peak. In total, 28 injuries and no fatalities were reported (Southwest Area Incident Management Team, 2004).
- June 1993, the Markham Fire located in the Bollen Wash area west of the Galiuro Mountains in the southwest corner of the county, was started by natural causes and burned 35,696 acres in a period of 30 days. Firefighters had the fire under control within 5 days of the start (Arizona State Forestry Division, 2009).

The Planning Team recognized that the historic declared disaster data collected for this Plan does not adequately reflect the true cost of a wildfire, particularly the cost of wildfire suppression efforts. For example, damage estimates for the Nuttall fire were estimated at \$150,000. However, the suppression costs exceeded \$9.2 million.

Probability and Magnitude

The probability and magnitude of wildfire incidents for Graham County are influenced by numerous factors including vegetation densities, previous burn history, hydrologic conditions, climatic conditions such as temperature, humidity, and wind, ignition source (human or natural), topographic aspect and slope, and remoteness of area.

Wildfire hazard areas have been identified by the State of Arizona as a part of the Arizona Wildland Urban Interface Assessment (AWUIA) project (Fisher, 2004). The increasing growth of Arizona’s rural populations, urban sprawl, and increasing wildland fuel loads create a mix of situations that is known as the wildland urban interface (WUI). The purpose of the AWUIA was to attempt to conduct an analysis on a statewide basis to identify possible communities at risk.

The AWUIA identified three Graham County WUI communities (Graham Mountain, Point of Pines, and William Creek NFH) as having a moderate wildfire risk.

Vulnerability

Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	CPRI Rating
Graham	Highly Likely	Limited	<6 hours	<24 hours	3.20
Pima	Possibly	Limited	6-12 hours	<6 hours	2.05
Safford	Highly Likely	Critical	6-12 hours	<1 week	3.45
Thatcher	Unlikely	Negligible	>24 hours	< 24 hours	1.10

As indicated in the 2010 Plan, approximately \$26.0 million and \$28,000 in asset related losses are estimated for high and medium wildfire hazards, for all of Graham County, with the majority of loss potential associated with the Mt. Graham Observatory. An additional \$4.6 and \$4.8 million in high and medium hazard wildfire losses to residential, commercial, and industrial facilities, is estimated for all of Graham County including the portion of the San Carlos Apache Tribe located within the county limits. These estimates do not include the cost of wildfire suppression, which can be substantial.

The common denominators for wildfire in Graham County include severe fire weather, high tree density, heavy winds, and drought. The lightning-fire season begins for in late spring and can continue until fall. The midsummer monsoon storms typically raise the humidity, reducing the risk of fire ignition.

Major concerns include an inadequate level of training for wildland fire fighting, education of residents in fire prone areas, distribution of water supply sources, and funding for firefighting equipment. Fire hydrants are available in the communities of Safford, Solomon, San Jose, Thatcher, Central, Pima, Fort Thomas, Bylas (with unreliable water pressure), and Peridot. Reliable surface water supplies for drafting or aerial filling of drop buckets are available within flying distance of all at risk communities. Additionally, many community subdivisions and areas of denser development in the identified WUI were not designed with adequate ingress/egress or emergency vehicle access. Developments without adequate access and without readily available water supplies increase the risk of greater habitat and structural losses, as well as homeowner and firefighter injury during larger, higher intensity wildland fire events.

Historic lightning and human-caused fire starts in the Safford, Solomon, and San Jose area occur in the community river bottom corridor near bridges, utility lines, and public use areas (trails, popular fishing spots). Fires starts in the Gila River drainage, as well as from private parcels pose the greatest risk to the community of Safford, Solomon, and San Jose because of proximity to utilities and bridges, prevailing winds, and extensive fuel loads. High public use, terrain, and areas of historic fire starts, along with thick stands of vegetation and housing density, create higher risk of wildfire ignition in selected areas of the Safford, Solomon, and San Jose communities.

Sources

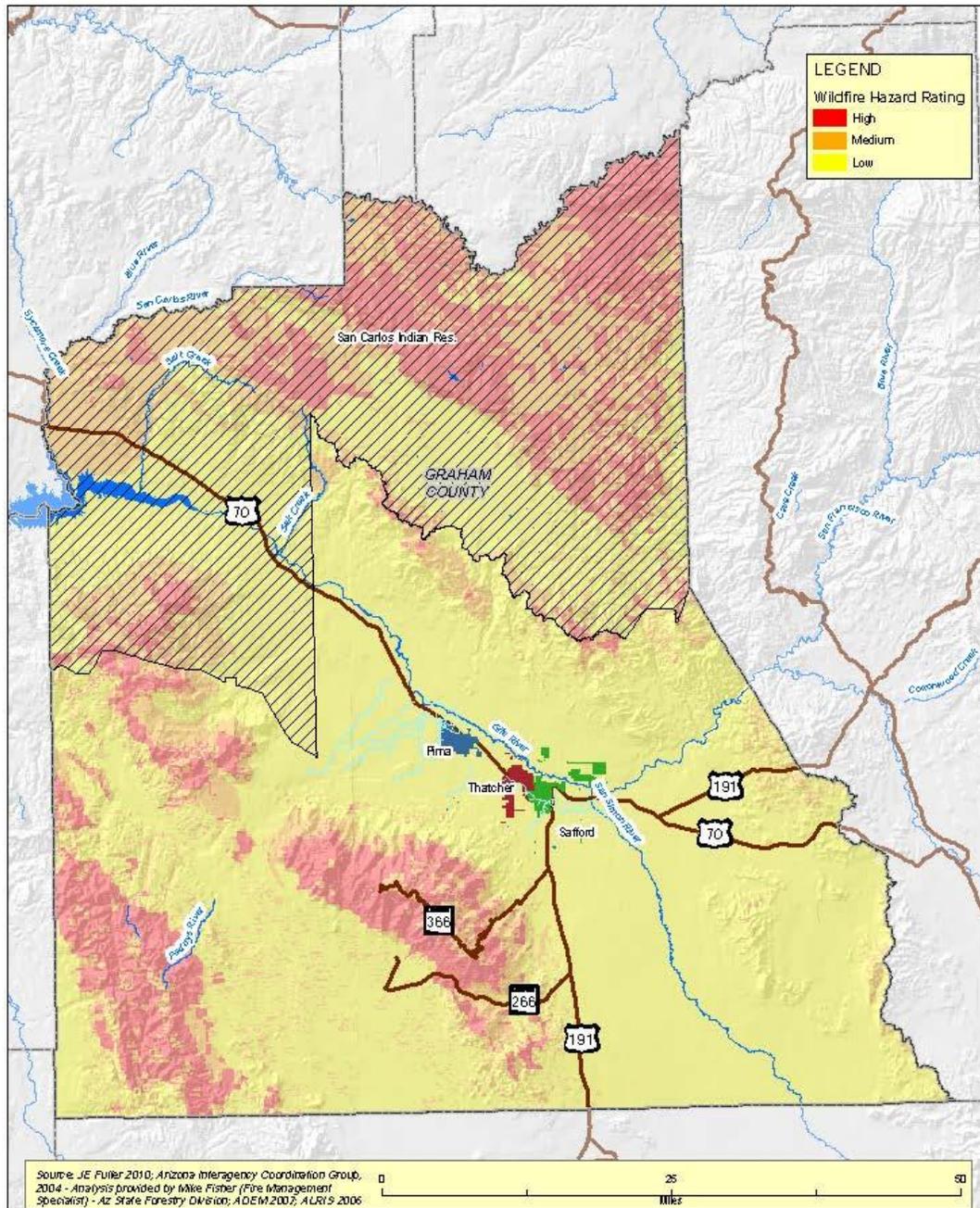
Dept of Emergency Management and Military Affairs, State of Arizona Hazard Mitigation Plan

Fisher, M., AZ Wildland Urban Interface Assessment, 2003, prepared for the AZ Interagency Coordination Group.

<http://www.azsf.az.gov/UserFiles/PDF/Arizona%20Wildland%20Urban%20Interface%20Assessment%2005MAR04.pdf>

National Wildfire Coordination Group, 2010, Historical ICS 209 reports: http://fam.nwcg.gov/fam-web/hist_209/report_list_209

Southwest Area Incident Management Team, 2004, <http://www.fireteam-sw.com/oltrogge/incidents/nuttall/maps/index.htm>



<p>Legend</p> <ul style="list-style-type: none"> Highway Major Streams Canals/Washes Lakes/Ponds Pima Safford Thatcher San Carlos Indian Res. 		<p>N</p>	<p>Graham County Multi-Jurisdictional Multi-Hazard Mitigation Plan</p> <p style="text-align: right;">Graham County Wildfire Hazard Map</p> <p style="text-align: right;">as of February 2009</p>
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Map 4-13: Wildfire Hazard Graham County

Risk Assessment Summary

The jurisdictional variability of risk associated with each hazard is demonstrated with the hazard profiles. Accordingly, each jurisdiction has varying levels of need regarding the hazards to be mitigated, and may not consider all of the hazards as posing a great risk to their communities. The table below summarizes the hazards selected for mitigation by each jurisdiction and will be the basis for each jurisdictions' mitigation strategy.

Table 4-14: Hazards to be Mitigated by Jurisdiction						
Jurisdiction	Dam Failure	Drought	Fissure	Flood	Severe Wind	Wildfire
Unincorporated Graham Co	X	X	X	X	X	X
Pima				X	X	
Safford	X	X	X	X	X	X
Thatcher				X		

SECTION 5: MITIGATION STRATEGY

The mitigation strategy provides the “what, when, and how” of actions that will reduce or possibly remove the community’s exposure to hazard risks.

Goals and Objectives

Capability Assessment

Mitigation Measures

The 2010 Plan mitigation strategy was reviewed and updated by the Planning Team but did not result in any significant changes as growth is limited in the planning area and the jurisdictions’ priorities have remained relatively the same as prior years.

5.1 Hazard Mitigation Goals

An assessment of those goals and objectives was made with consideration of the following:

- Do the goals and objectives reflect the current risks?
- Do the goals and objectives support any changes in priorities?
- Are the goals and objectives identified reflective of current State goals?

Due to limited growth and development and the results of the goal and objectives discussion, it was determined the Planning Team’s priorities and focus remains the same. Therefore, there was no need to change the goal and objectives:

Goal: Reduce or eliminate the risk to people and property from natural hazards.

- **Objective 1:** Reduce or eliminate risks that threaten life and property in the planning area.
- **Objective 2:** Reduce risk to critical facilities and infrastructure from natural hazards.
- **Objective 3:** Promote hazard mitigation throughout the planning area.
- **Objective 4:** Increase public awareness of hazards and risks that threaten the planning area.

5.2 Capability Assessment

A component of the Mitigation Strategy is a review of the jurisdictions’ resources in order to identify, evaluate, and enhance the capacity of local resources to mitigate the effects of hazards. The capability assessment is comprised of the following components: Legal and Regulatory Tools, Technical Staff and Personnel, and Fiscal Capabilities. Due to the smaller population and slow growth of the area, the need to expand and improve the capabilities is not significant. However, the communities’ may share resources and work together when beneficial.

Table 5-1: Legal & Regulatory Capabilities for Graham County		
Tool	Description	Responsible Dept/Agency
Codes	<ul style="list-style-type: none"> • 2003 International Building, Mechanical, Residential, Existing Building, Fire, and Energy Conservation Codes • 2002 National Electric Code • Uniform Plumbing Code 1994 	<ul style="list-style-type: none"> • Planning & Zoning
Ordinances	<ul style="list-style-type: none"> • Graham Co Flood Damage Prevention Ordinance (Ord No. 1998-100, Adopted March 1998; Amended July 2007) • Graham Co Zoning Ordinance (Aug 2008) 	<ul style="list-style-type: none"> • Engineering • Planning & Zoning

Tool	Description	Responsible Dept/Agency
Plans, Manuals, Guidelines	<ul style="list-style-type: none"> Graham Co Hazard Mitigation Plan (Adopted Sep 2010) Emergency Operations Plan (Adopted Jan 2013) Graham Co Community Wildfire Protection Plan (Nov 2005) 	<ul style="list-style-type: none"> Planning & Zoning Engineering Emergency Management
Studies	<ul style="list-style-type: none"> Upper Gila River Fluvial Geomorphology Study (USBR, Aug 2004) Engineering Study for Stockton Wash Flood Retarding Structure (KHA, 2005) FEMA DFIRM Maps (Effective Sept 2007) 	<ul style="list-style-type: none"> Engineering

Resource	Department/Agency
Planner(s) or engineer(s) with knowledge of land development and land management practices	Engineering – County Engineer
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Engineering – County Engineer
Planner(s) or engineer(s) with and understanding of natural and/or human-caused hazards	Engineering – County Engineer
Floodplain Manager	Engineering – County Engineer
Surveyors	Engineering – County Engineer
Personnel skilled in GIS and/or HAZUS	Graham County IT – GIS Manager
Emergency manager	Emergency Response and Preparedness Program – Deputy Director

Resources	Accessible or Eligible to Use	Comments
Community Development Block Grants	Yes	
Capital Improvements Project funding	No	
Authority to levy taxes for specific purposes	Yes	Flood Control Transportation
Fees for water, sewer, gas, or electric service	No	
Impact fees for homebuyers or new developments	No	
Incur debt through general obligation bonds	Yes	No bonds outstanding
Incur debt through special tax bonds	Yes	No bonds outstanding

Tool	Description	Responsible Department/Agency
Codes	<ul style="list-style-type: none"> • 2009 International Building, Residential, Plumbing, Mechanical and Fire Codes • Town Code of the Town of Pima 	<ul style="list-style-type: none"> • Administration / Planning & Zoning
Ordinances	<ul style="list-style-type: none"> • 2006 Pima Subdivision Regulations • Graham County Flood Damage Prevention • Graham County Flood Damage Ordinance 	<ul style="list-style-type: none"> • Administration / Planning & Zoning
Plans, Manuals, Guidelines	<ul style="list-style-type: none"> • 2016 Pima General Plan • Graham County Wildfire Protection • 2010 Pima Multi-Hazard Protection • Pima Emergency Operations Plan 	<ul style="list-style-type: none"> • Administration / Planning & Zoning /Public Works
Studies	<ul style="list-style-type: none"> • 2016 Graham County Regional Transportation • Flood Insurance Study for Graham County • Upper Gila River Watershed Inventory & Analysis 	<ul style="list-style-type: none"> • Administration / Planning & Zoning

Resource	Department/Agency - Position
Planner/engineer with knowledge of land development and land management practices	Planning & Zoning
Engineer/professional trained in construction practices related to buildings and/or infrastructure	Building Inspector
Planner/engineer with and understanding of natural and/or human-caused hazards	Planning & Zoning
Floodplain Manager	County Engineer
Surveyors	Planning & Zoning
Staff with education or expertise to assess the community’s vulnerability to hazards	Planning & Zoning / Public Works
Personnel skilled in GIS and/or HAZUS	Graham County
Emergency manager	Town Manager / Graham County

Financial Resources	Accessible or Eligible to Use	Comments
Community Development Block Grants	Yes	
Capital Improvements Project funding	Yes	
Authority to levy taxes for specific purposes	Yes	
Fees for water, sewer, gas, or electric service	Yes	Town of Pima provides sewer only
Incur debt through general obligation bonds	Yes	
Incur debt through special tax bonds	Yes	
Savings	Yes	

Tool	Description	Responsible Department/Agency
Codes	<ul style="list-style-type: none"> • 2003 International Building, Residential, Plumbing, Mechanical, and Fire Codes • 2002 National Electric Code 	<ul style="list-style-type: none"> • Community Development
Policy	<ul style="list-style-type: none"> • Water Conservation Policy, Sect 13.20.076 (Nov 2015) 	<ul style="list-style-type: none"> •
Ordinances	<ul style="list-style-type: none"> • 2013 Safford Municipal Code which includes all Ordinances and Arizonians with Disabilities Act 	<ul style="list-style-type: none"> • Community Development
Plans, Manuals, Guidelines	<ul style="list-style-type: none"> • Safford General Plan (November 2016) • Emergency Operations Plan (April 2008) • Summary of Capital Improvement Plans (June 2016) • EOP for Graveyard Wash FRS (October 2016) • EOP for Freeman Wash FRS (2009) • Emergency Water Management Plan (May 2004) • Public Awareness Plan (April 2004) 	<ul style="list-style-type: none"> • Community Development • Public Works/Engineering • Utilities
Studies	<ul style="list-style-type: none"> • FEMA DFIRM Maps (September 2007) 	<ul style="list-style-type: none"> • Public Works/Engineering

Resource	Department/Agency - Position
Planner/engineer with knowledge of land development and land management practices	Planning and Community Services—Director
Engineer/professional trained in construction practices related to buildings and/or infrastructure	Public Works/Engineering—Director
Planner/engineer with and understanding of natural and/or human-caused hazards	Public Works/Engineering—Director
Floodplain Manager	Public Works/Engineering—Director
Surveyors	Public Works/Engineering—Director and Engineering Staff
Staff with education or expertise to assess the community’s vulnerability to hazards	Public Works/Engineering—Director
Personnel skilled in GIS and/or HAZUS	Public Works/Engineering—GIS Analyst
Emergency manager	Police—Police Chief
Grant writer	Planning and Community Services—Community Development Specialist

Financial Resources	Accessible or Eligible to Use	Comments
Community Development Block Grants	Yes	
Capital Improvements Project funding	Yes	
Authority to levy taxes for specific purposes	Yes	
Fees for water, sewer, gas, or electric service	Yes	
Impact fees for homebuyers or new developments/homes	Yes	
Incur debt through general obligation bonds	Yes	
Incur debt through special tax bonds	Yes	

Tool	Description	Responsible Department/Agency
Codes	<ul style="list-style-type: none"> • 2009 International Building Codes • Town of Thatcher Code of Ordinances 	<ul style="list-style-type: none"> • Building Dept. • Administration
Ordinances	<ul style="list-style-type: none"> • Zoning Ordinance • Subdivision Ordinance 	<ul style="list-style-type: none"> • P&Z • P&Z
Plans, Manuals, Guidelines	<ul style="list-style-type: none"> • Drainage Policy Manual • Private Drive Manual • Underground Utility Manual • General Plan • 2009 Emergency Operations Plan • 2010 Graham Co Hazard Mitigation Plan 	<ul style="list-style-type: none"> • Engineering • Engineering • P&Z • P&Z • P&Z • P&Z
Studies	<ul style="list-style-type: none"> • 1998 Graham County Regional Trans. Study • 2008 Small Area Transportation Study • 2016 Strategic Highway Safety Plan 	<ul style="list-style-type: none"> • Engineering • Engineering • Engineering

Staff/Personnel Resources	Department/Agency - Position
Planner/engineer with knowledge of land development and land management practices	Town Engineer, Building Official
Engineer/professional trained in construction practices related to buildings and/or infrastructure	Town Engineer, Building Official
Planner/engineer with and understanding of natural and/or human-caused hazards	Town Engineer, Fire Chief, Police Chief
Floodplain Manager	Town Engineer
Surveyors	Town Engineer, Engineering Technician
Staff with education or expertise to assess the community's vulnerability to hazards	Town Manager, Town Engineer, Fire Chief, Police Chief
Personnel skilled in GIS and/or HAZUS	Engineering Technician
Scientists familiar with the hazards of the community	none
Emergency manager	Fire Chief
Grant writer	Police Chief, Fire Chief, Engineering Technician

Financial Resources	Accessible or Eligible to Use	Comments
Community Development Block Grants	Yes	
Capital Improvements Project funding	Yes	
Authority to levy taxes for specific purposes	Yes	With voter approval
Fees for water, sewer, gas, or electric service	Yes	Sewer & Electric
Impact fees for homebuyers or new developments/homes	Yes	Although we have none at this time
Incur debt through general obligation bonds	Yes	With voter approval
Incur debt through special tax bonds	Yes	With voter approval
Savings	Yes	

5.3 Mitigation Measures

The process for defining the list of mitigation measures for the Plan was accomplished by performing an assessment of the measures from the 2010 Plan. A list of current measures was developed by combining the carry forward results from the assessment with any new measures.

Previous Mitigation Measure Assessment

The measures from the 2010 Plan were reviewed and assessed and those in progress or without progress but still a priority were carried forward to become part of the current list for this Plan. All measures identified for deletion were removed and are not included in this Plan. The results of the assessment of the 2010 Plan's measures are included in this Plan's Appendices.

Current Mitigation Measures

The jurisdictions identified the measures to be included in this Plan using the goals and objectives, results of the vulnerability analysis and capability assessment, and the planning team's institutional knowledge of hazard mitigation needs in the community. For each measure, the following elements were identified; Project Name, Description, Hazard(s) Mitigated, Estimated Cost, Estimated Completion Date, Lead Agency, Potential Funding Source(s), and Priority Ranking.

The current mitigation measures were assigned a priority ranking of "High", "Medium", or "Low". The measures priority levels were subjectively made using a simple process that assessed how well each one satisfied the following considerations:

- A favorable benefit versus cost evaluation
- A direct beneficial impact on the ability to protect life and/or property
- A mitigation solution with a long-term effectiveness

Table 5-13: Graham County Mitigation Measures

Project Name Description	Hazard(s) Mitigated	Estimated Cost / Completion Date	Lead Agency	Potential Funding Source(s)	Status	Details/Comments
HIGH PRIORITY						
Compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flood	Staff Time Annual, On-going	Engineer	FCD Levy, Community Assistance Program, Floodplain Use Permit Fees	In Progress Ongoing	Review of flood plain permits
Develop and distribute emergency action plans and educate the public about areas of risk posed by a potential dam failure. The developed emergency action plans will be distributed to the public during Emergency Preparedness Month events in Graham County. Graham County will also make the emergency action plans available to the public through the website.	Dam Failure	Staff Time/ The emergency action plans will be distributed annually during emergency preparedness month	County Engineer	FCD Levy	In Progress Ongoing	Updated EOP and distributed. Continue to update EOP. Develop and distribute EAPs.
Improve the communication infrastructure to provide interoperable communications for emergency personnel and other agencies, which need to be in the communication loop in a disaster scenario. Communications infrastructure, including radio towers and repeaters need to be updated and installed. We have been working on this project and have installed three new radio towers within the last year.	All	\$250,000 2018	IT Director	Federal Grants, General Fund	In Progress Ongoing 1 phase complete	3 new towers have been erected for communication equipment. Updated equipment will be added as funding allows.
Review and evaluate current IBC codes for updates every three years. The County will adopt updates for enforcement through planning and zoning as they become available.	Wind, Flood, Fissure, Wildfire, Dam Failure	Staff Time \$10,000 Every three years	Planning & Zoning Director	General Fund	Complete and On-going	We have a resolution adopting the 2003 IBC codes. We are waiting for the 2015 IBC codes.
Work proactively with federal agencies (USFS, EPA, USFW) to ease regulations that will allow effective mitigation of wildland fire fuels next to structures.	Wildfire	Staff Time Dependent on federal agency response	Co Board of Supervisors	General Fund	In Progress Ongoing	Ongoing work

Table 5-13: Graham County Mitigation Measures

Project Name Description	Hazard(s) Mitigated	Estimated Cost / Completion Date	Lead Agency	Potential Funding Source(s)	Status	Details/Comments
Maintain county water tankers for deployment on an as-needed basis.	Drought	Staff Time As needed	Highway Superintendent	HURF	In Progress Ongoing	We will continue to maintain the water tankers and use them as needed. They have been used on the San Carlos Apache Reservation and in the local community.
MEDIUM PRIORITY						
Distribute information packets to citizens located within floodplains to educate about the risks of flooding and preparedness. We will include floodplain risk information in our quarterly preparedness newsletter. This newsletter is distributed through the US mail.	Flood	Staff Time On-going	Emergency Management	Preparedness grant funds	In Progress Ongoing	Communication on the website and through our newsletter and media.
Obtain detail studies of unnumbered "A Zones" to improve floodplain administration in order to update mapping and increase credibility of the maps. We will use these updated maps in planning mitigation projects.	Flood	\$60,000 Within 1-year of funding availability	County Engineer	Federal Grant	No Progress	No funding has been obtained.
Continue to monitor active fissure area and coordinate with AZGS to identify possible mitigation actions. The fissures have been affecting a major roadway into a populated area. These roadways are the only ingress and egress paths for this population. We have been monitoring and repairing these roadways and have been notifying the residents effected about risks involved with the fissure activity and how we are mitigating this issue.	Fissure	Staff Time On-going	Transportation Dept / Operations Supervisor Engineering / Co Engineer	General Fund	In Progress Ongoing	One fissure was recently found. We will continue to maintain and monitor for fissures.

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Table 5-14: Mitigation Strategy for Pima

Description	Hazard(s) Mitigated	Estimated Cost / Completion	Lead Agency	Potential Funding Source(s)	Status	Details/Comments
HIGH PRIORITY						
Compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flood	Staff Time Annual, on-going	County Engineer	FEMA Levee/Community Assistance Program, Floodplain Use Permit Fees	In Progress	Periodic meetings with County Engineer and Arizona Floodplain Management Association to review and update.
Design and build a flood control channel to FEMA/industry standards to mitigate potential flood hazard for a large portion of the town limits. Proposed location is Union Canal and 450 South/400 West.	Flood	\$250,000 August 2020	Pima/administration/council	WIFA	In Progress	Recent movement with local irrigation district board to finance channel or pipeline for flood control.
Coordinate with Graham County, Safford and Thatcher to develop and adopt standard uniform codification for future building practices in the local area.	All	Staff Time August 2018	Graham Co/Town Planning & Zoning	Individual municipality / General fund	In Progress	Recent meetings with local government partners to adopt uniform building codes in Graham County.
MEDIUM PRIORITY						
Design and rebuild the Cottonwood Wash levee to FEMA standards to mitigate potential flood hazard for a portion of Pima's neighborhoods.	Flood	\$250,000 August 2018	Pima administration/council	WIFA	In Progress	Infrequent meetings with County Engineer to review levee status/condition.
Conduct public education/outreach to inform citizens of the impacts of drought, severe winds (microburst, thunderstorm winds, tornado, dust devils, etc.)	Drought/Severe wind	Staff Time August 2018	Pima administration/council	Pima General fund	In Progress	Develop public information materials to educate/ inform citizens of hazard impacts/response to events.
Develop a coordinated and unified wildfire response plan, focused on fire response in/along the Gila River corridor.	Wildfire	Staff Time August 2018	Graham Co/Pima administration	Graham Co individual municipalities	In Progress	Recent meetings with AZ State Fire Marshall & local fire agencies to develop unified wildfire response plan.

Table 5-15: Mitigation Strategy for Safford

Description	Hazard(s) Mitigated	Estimated Cost / Completion	Lead Agency	Potential Funding Source(s)	Status	Details/Comments
HIGH PRIORITY						
Compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flood	Staff Time Annual, on-going	Graham Co Engineer	FCD Levee, Community Assistance Program, Floodplain Use Permit Fees	No progress	No new development in floodplain
Obtain software for telemetered rain gauge and stream gauge system on Graveyard Wash Dam Flood retarding structure to establish a web based interface with the base workstation computer. This will allow public safety officials the ability to monitor rain amounts and flood depth behind the dam during and after storm events.	Dam Failure, Flood	\$3,000 2019	Safford	COS General Fund	No progress	No software purchased yet
Glenn Meadows – Construct three retention basins in Conquistador Estates within City owned roadways.	Flood	\$10,000 2020	Safford	COS General Fund	No progress	No development yet
Complete a drainage study for Northeast area of City that experiences drainage issues from large storm events. This study will determine areas in need of drainage improvements to minimize flooding risks for future capital projects.	Flood	\$70,000 2018	Safford	COS General Fund	In Progress	Currently being completed by Souder, Miller & Associates (SMA) Engineering Firm
Enlarge capacity of Glenn Meadows retention basin to further mitigate downstream flooding.	Flood	\$15,000 2018	Safford	COS General Fund/Freeport-McMoRan Grant	In Progress	Currently under construction
Construct improvements to Sunflower Canal in areas where concrete is non-existent or failing to help convey storm runoff.	Flood	\$20,000 2018	Safford	COS General Fund	Not started	Sunflower canal is an irrigation/drainage channel and requires general maintenance
Continue to enforce zoning and building codes through current site plan, subdivision, and building permit review process to reduce the effects of flooding, high wind damage and other hazards on new buildings and infrastructure.	Severe Wind/Flooding	Staff Time	Safford	COS General Fund	On-going	All City Depts involved in Development Committee Review meetings for new development
Construct low water landscaping example within City limits for public education on water conservation	Drought	\$15,000 2019	Safford	COS General Fund	Not Started	Exploring the possibility of rainwater harvesting for drought resistant landscaping at City Hall Annex.

Table 5-15: Mitigation Strategy for Safford

Description	Hazard(s) Mitigated	Estimated Cost / Completion	Lead Agency	Potential Funding Source(s)	Status	Details/Comments
Conduct public education and outreach program to educate the citizens of drought and water conservation	Drought	Staff time	Safford	COS General Fund	On-going	The City is seeking ways to educate the public about water conservation. One example is the AquaHawk Alerting service provided free to Safford customers for monitoring their water consumption.
Work proactively with ADEQ to obtain the proper open burn permits and use the proper burning procedures to effectively mitigate wildfire fuels next to structures.	Wildfire	Staff Time	Safford	COS General Fund	On-going	Coordination between Public Works staff, code enforcement and ADEQ
MEDIUM PRIORITY						
Construct drainage improvements designed for Sunflower Canal and Prina Channel by TrueLine Engineering to minimize flooding in the area. Construction will coincide with development of the area.	Flood	\$90,000 2019	Safford	COS General Fund	No progress	No development yet
Graveyard Wash – Fence Relocation. Per ADWR Dam Safety Inspection report, the chain link fence should be relocated from the crest of the slope to the toe.	Dam Failure	\$23,000 2018	Safford	Gila Watershed and COS Cost share grant	No progress	Currently budgeted for FY 17-18
Colonial Village – Construct retention basin in vacant lot.	Flood	\$18,000 2018	Safford	COS General Fund	In progress	Retention basin needs to be re-graded and deepened
Drainage improvements to open channels that parallel 12th Avenue between 26 th Street and Highline Canal.	Flood	\$500,000 2019	Safford	COS General Fund/HMA grant	Not started	Potential mitigation strategy for open channels would be box culvert along ROW or pipe system within roadway cross-section
Clean Graveyard Wash of silt and debris from Gila River to Lone Star Road for better flow conveyance.	Flood	\$50,000 2018	Safford	COS General Fund	In Progress	Current wash maintenance allows for small sections of wash to be cleaned every year.
Coordinate with Graham County and continue to monitor active fissure areas and coordinate with AZGS to identify possible mitigation actions	Fissure	Staff Time	Safford/Graham Co	General Fund	On-going	Coordinate with County

Table 5-15: Mitigation Strategy for Safford

Description	Hazard(s) Mitigated	Estimated Cost / Completion	Lead Agency	Potential Funding Source(s)	Status	Details/Comments
Conduct public education and outreach program to educate the citizens about earth fissures areas and how minimize the life safety risk in fissure prone areas.	Fissure	Staff Time	Safford	COS General Fund	On-going	Coordinate with County for location of potential fissure prone areas.
Conduct public education and outreach program to educate the citizens of the impacts of severe winds (microbursts, thunderstorm winds, tornado, dust devils, etc.)	Severe Wind	Staff Time	Safford	COS General Fund	On-going	Coordination between Code Enforcement, Public Works, Administration and City Council
Enforce the City’s codes and ordinances on weed control and abatement to protect existing and future assets from wildfire within the City limits.	Wildfire	Staff Time	Safford	COS General Fund	On-going	Coordination between Code Enforcement and Public Works

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Table 5-16: Mitigation Strategy for Thatcher

Description	Hazard(s) Mitigated	Estimated Cost / Completion	Lead Agency	Potential Funding Source(s)	Status	Details/Comments
HIGH PRIORITY						
Compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flooding	Staff Time Annual, on-going	Graham Co Engineer	Town CIP, Floodplain Use Permit Fees	In Progress	We closely monitor and regulate any development in, or near, a floodplain
Enforce the Town’s current weed abatement ordinance to protect existing and future assets from wildfire within the town limits.	Wildfire	Staff Time Annual, on-going	Planning & Zoning Director	Town CIP	In Progress	We continue to enforce these codes.
MEDIUM PRIORITY						
Continue to enforce zoning and building codes through current site plan, subdivision, and building permit review processes to reduce the effects of flooding, high wind, transportation and other hazards on new buildings and infrastructure.	Flooding, Severe Wind	Staff Time Annual, on-going	Building Official	Town CIP, Building Permit Fees	In Progress	We continue to enforce the codes. By doing so we continue to grow the percentage of compliant structures.
Conduct a public education campaign in cooperation with Safford and the UofA Cooperative Extension to encourage citizens to conserve water (pamphlets, brochures, fliers, etc.).	Drought	Staff Time Annual, on going, Fair Annually in Oct, school demos, other events as appropriate.	Town Engineer	Town CIP	In Progress	Recently completed a water efficiency ordinance with the other entities, which will help offset drought effects. Info on drought and water conservation is regularly distributed at events like the Graham Co Fair, Harvest Festival, etc.
LOW PRIORITY						
Work in a partnership with Freeport McMoRan and other governmental entities in educating the public about hazardous materials through seminars.	HazMat	Staff Time & Advertising Expenses	Town Engineer	Town CIP	No Progress	We have worked with FMI on many issues and projects, though this specifically has not yet been addressed.
Conduct qtrly coordination meetings with Graham Co Engineering, Pima Town Management, Safford Engineering, and others as needed, to discuss opportunities to pool resources toward accomplishing common mitigation goals.	All	Staff Time Quarterly, on-going	Town Engineer	Town CIP	In Progress	We worked for several months on a common water efficiency ordinance with the other entities, and continue to do so.
Hire consultant to study the effects of failures and what is needed to upgrade Fry Creek FRS No. 3	Dam Failure	\$20,000	Thatcher Engineer	NRCS	In Progress	Study is Complete. This information will now be used to plan for the possible needed rehabilitation to the Dam.

SECTION 6: PLAN MAINTENANCE PROCEDURES

This section defines and documents the processes for maintaining and updating this Plan within the following areas:

Monitoring, Evaluating and Updating

Incorporation into Other Planning Mechanisms

Future Public and Stakeholder Outreach/Involvement

Graham County and its jurisdictions recognize that this hazard mitigation plan is intended to be a “living” document with regularly scheduled monitoring, evaluation, and updating.

The 2010 Plan outlined specific steps for plan maintenance, which the Planning Team indicated that few of the steps occurred over the past five years. The Planning Team believes this was largely due to the Plan and its maintenance requirements not being effectively communicated when changes in personnel occurred as well a general lack of understanding of the Plan and the importance of the maintenance element.

The Planning Team discussed ways to make sure that the Plan review and maintenance process will occur over the next five years. Some of the ways that will help are outlined in this section’s Future Public and Stakeholder Outreach/Involvement opportunities. The results of those discussions are further outlined in the following sections and the plan maintenance strategy.

6.1 Monitoring, Evaluation, and Updating

The Planning Team has established the following monitoring and evaluation procedures:

- **Schedule** – The Plan will be reviewed on at least an annual basis or following a major disaster. Graham County Emergency Management will notify the Planning Team on or around the anniversary of the Plan of the need for Plan evaluation.
- **Review Content** – The County will distribute a request to each jurisdiction, to carefully review the Plan and particularly the following areas:
 - **Hazard Identification** – do the hazards still adequately identify the risk to the Planning Area?
 - **Goals and objectives** – do they still express the needs of the community?
 - **Mitigation Measures** – what has been the progress on the mitigation strategy? Are there challenges with implementation? If so, what are they?

During the evaluation period, the jurisdictions will provide feedback on their review of the Plan. The feedback will include input on the above Plan areas and any other items specific to their community. Documentation of the evaluation may include specific information on the reasoning behind proposed changes to the Plan.

The Plan requires updating and approval from FEMA every five years. The Plan update will adhere to the following schedule and procedure:

- One year prior to the Plan expiration date, the Planning Team will re-convene to review and assess the Plan.
- The public will be notified of the process and given the opportunity to comment or give input.
- The Planning Team will update the plan.

- The update Plan will be submitted to DEMA and FEMA for review, comment and approval.
- The updated Plan will be presented before the respective councils and boards for official adoption.

6.2 Incorporation into Other Planning Mechanisms

Incorporation of the Plan into other planning mechanisms, by either content or reference, enhances a community’s ability to perform natural hazard mitigation by expanding the scope of this Plan’s influence. The participating jurisdictions’ success in incorporating the 2010 Plan’s elements over the past planning cycle into other planning programs has varied. The table below summarizes some ways the 2010 Plan was incorporated or referenced into other planning mechanisms:

Table 6-1: Past Incorporation into Other Planning Mechanisms	
Graham County	<ul style="list-style-type: none"> • The Graham Co Health Dept continued to keep their Power Failure Procedure plan updated. This plan was the result of the 2005 Hazard Mitigation Plan. The Health Dept installed redundant power failure alarms on all vaccine refrigerators in 2015. • Graham Co used the identified likely hazards from the Hazard Mitigation Plan to update and develop the County’s Emergency Operations Plan as well as the Health Dept’s All Hazards Plan. • The Graham Co Health Dept has about \$100,000 in vaccine in refrigerators with automatic backup power. The 2010 Plan played a part in development of a Power Failure Procedure Plan for the Health Dept to prevent the loss of vaccine.
Pima	<ul style="list-style-type: none"> • The Town of Pima used information from the 2010 Hazard Mitigation Plan in creating the Town of Pima General Plan 2026 (November 1, 2016). • The Town has used the 2010 Hazard Mitigation Plan to identify hazards for planning and zoning purposes.
Safford	<ul style="list-style-type: none"> • The City used the 2010 plan to prioritize and complete multiple mitigation projects. The Plan has, and will continue to help mitigate potential flooding hazards throughout the City. Several mitigation projects coincide with the City’s five-year Capital Improvement Plan projects. • Several elements of the 2010 Plan were incorporated into the City’s General Plan Update as well as the City’s Emergency Operations Plan to meet NIMS standards. • Planning and Zoning has referenced the information in the 2010 Plan to locate potential hazard areas.
Thatcher	<ul style="list-style-type: none"> • The Town has used the 2010 Hazard Mitigation Plan to identify hazards for planning and zoning purposes. • The Town has used the 2010 Hazard Mitigation Plan to develop Emergency Operations Plans.

Obstacles to further incorporation of the 2010 Plan for some of the communities were generally tied to a lack of awareness of the Plan by departments outside of the emergency management community. Another obstacle was the lack of regular plan review, which would have kept the Plan in view on a more frequent basis. It is anticipated that with each passing year, the usage and knowledge of the Plan will grow within the jurisdictions, and so will its use.

In addition to continuing the above activities, the typical ways the jurisdictions plan to incorporate this Plan over the next five-year planning cycle include:

Table 6-2: Future Incorporation into Other Planning Mechanisms	
Graham County	The Hazard Mitigation Plan will be used to develop new policies and procedures and update existing policies in the emergency management and GIS Floodplain departments.
Pima	The Town of Pima will use the current Hazard Mitigation Plan to update and hone the Town of Pima General Plan 2026 with respect to hazard planning and mitigation, and will continue to use identified hazards and incorporate updated information into its planning and zoning efforts.
Safford	<ul style="list-style-type: none"> • As future mitigation projects are completed, including public outreach and education, the life safety

	<p>risk throughout the City and community will be lessened allowing for future growth and development in areas where it may not have been possible in the past.</p> <ul style="list-style-type: none"> • City departments will consult and use this Plan for information on hazard avoidance. • The City intends to use this Plan to possible help obtain Hazard Mitigation funding for future mitigation projects.
Thatcher	<ul style="list-style-type: none"> • The Town will use an updated Hazard Mitigation Plan to guide updates of Emergency Operation Plans and for future Planning and Zoning purposes.

6.3 Continued Public and Stakeholder Outreach/Involvement

The following table summarizes outreach and education activities for the public that shall be pursued whenever possible and appropriate. In the previous Plan, the local jurisdictions were not included in this section. Starting with this Plan, whenever possible and appropriate, the local jurisdictions will:

Table 6-3: Future Public and Stakeholder Involvement	
Jurisdiction	Activity or Opportunity
Graham County	<ul style="list-style-type: none"> • Meet annually with the US Forest Service Local District to improve planning strategies and develop hazard plan updates. • Meet annually with countywide cities and towns to develop hazard plan updates. • Continue to involve the County Board of Supervisors in the planning process for constitute input to further develop the hazard mitigation plan and keep it relevant for the community. • Develop and present quarterly preparedness meetings and presentations for the public. • Continue the quarterly preparedness newsletter. The newsletter highlights preparedness measures and discussion of hazards. The newsletter is distributed to partners, stakeholders, and the community. • Maintain the county website to include the current Plan and provided contact information for continued comment and input. • Develop brochures regarding local threats in conjunction with the mitigation website. • Attend at least two community fairs a year that included the dissemination of public information regarding the dangers of the areas' hazards. • Conduct Flood Control District Quarterly meetings
Pima	<ul style="list-style-type: none"> • Periodically update the Hazard Mitigation Plan at City Council meeting and periodically advise newly elected officials about the Plan. • Maintain a page on the city website, which includes the current Plan, allowing the submittal of citizen comments, and staff response to citizen inquiries. • Distribute Floodplain Management brochures at public information distribution locations throughout City offices and departments, and at neighborhood meetings.
Safford	<ul style="list-style-type: none"> • Present the Plan at City Council meeting and advise newly elected officials periodically. • Maintain link on City website directing residents to County website to view current Plan.
Thatcher	<ul style="list-style-type: none"> • Maintain Thatcher website including the link to the current Plan and provide contact information for continued comment and input. • Conduct Emergency Management Community Information Exchange meetings with local emergency management professionals on a quarterly basis, and discuss hazard mitigation events. • Present the Plan at a Town Council meeting and advise newly elected officials periodically. • Distribute Floodplain Management brochures at public information locations throughout Town offices and departments, and at neighborhood meetings. • Distribute information in the form of a checklist to potential developers regarding potential hazards.

APPENDIX A: PLAN TOOLS

Acronyms

ADEQArizona Department of Environmental Quality
ADWRArizona Department of Water Resources
AGFDArizona Game and Fish Department
ARSArizona Revised Statutes
ASCEAmerican Society of Civil Engineers
ASLDArizona State Land Department
AZGSArizona Geological Survey
BLMBureau of Land Management
CAPCentral Arizona Project
CAPCommunity Assistance Program
CFRCode of Federal Regulations
CRSCommunity Rating System
CWPPCommunity Wildfire Protection Plan
DEMAArizona Department of Emergency and Military Affairs
DFIRMDigital Flood Insurance Rate
DMA 2000Disaster Mitigation Act of 2000
DOTDepartment of Transportation
EHSExtremely Hazardous Substance
EPAEnvironmental Protection Agency
FEMAFederal Emergency Management Agency
FMA.....Flood Mitigation Assistance Grant Program
HazMatHazardous Material
HAZUS-99Hazards United States 1999
HAZUS-MH ...Hazards United States Multi-Hazard
IFCIInternational Fire Code Institute
LEPCLocal Emergency Planning Committee
MMIModified Mercalli Intensity
NCDCNational Climate Data Center
NDMCNational Drought Mitigation Center
NESDISNational Environmental Satellite, Data and Information Service
NFIPNational Flood Insurance Program
NFPANational Fire Protection Association
NHCNational Hurricane Center
NIBSNational Institute of Building Services
NIDNational Inventory of Dams
NISTNational Institute of Standards and Technology
NSFNational Science Foundation
NOAANational Oceanic and Atmospheric Administration
NWCGNational Wildfire Coordination Group
NWSNational Weather Service
PSDIPalmer Drought Severity Index
SARASuperfund Amendments and Reauthorization Act
SEAGOSoutheastern Arizona Governments Association
SRPSalt River Project
USACEUnited States Army Corps of Engineers
USDAUnited States Department of Agriculture
USFSUnited States Forest Service
USGSUnited States Geological Survey
WUIWildland Urban Interface

APPENDIX B: PLANING PROCESS DOCUMENTATION



**Graham County Multi-Jurisdictional
Hazard Mitigation Plan Update Meeting
July 12, 2016
County Health Annex Building
Safford, AZ**

AGENDA

- 8:00am Welcome
 Introductions
 Overview
- What is Mitigation?
 - Mitigation Plan Purpose
 - Plan Benefits
 - DMA 2000 (DMA2K) Requirements
- Plan Review & Update
- Community Descriptions
 - Public Involvement
 - Program Integration
 - Hazards for Plan
 - Hazards Prioritized
 - Mitigation Actions & Projects
 - Jurisdictional Capabilities
- Next Meeting
- 12:00pm Adjourn



Graham County
 Hazard Mitigation Plan Update Meeting
 July 12, 2016

Name (Please print legibly)	Title	Agency/Org	Email and/or Phone
DAN LANG	ERT	AZ-DPS	dlang@azdps.gov 428.2505
Frank Metzger	Asst. ERO/Coordinator	Health Dept	hmetzger@graham.az.gov
Eliot Rice et al	Fire Recursion	USFS	eliotrice@fs.fed.us
SPRY / ALBERD	Engineer Tech	Town of Thatcher	gspryd@thatcher.az.gov
Scott Glaspie	Asst. Fire Mng. Officer	USFS	sglaspie@fs.fed.us
NAT BOLLINGER	EPIDEMIOLOGIST	GRAHAM COUNTY	nbollinger@co.grams.az.us
Pinna Joff McElmer	Town Manager	Town of Pima	joffm@pimata.gov
SoAberd LANCE HENRIE	Asst. City Engineer	CITY OF SPRING	lhenrie@spring.az.gov
Sandra Spitzer	Field Operations	AZ DEMA	sandra.spitzer@azdema.gov
Michael Bryce	ENGINEER	Graham County	mbryce@graham.az.gov
Brian Douglas	Emergency Management	Heath/Douglas	bdouglas@graham.az.gov
MIKE RAYNE	THATCHER FIRE/PAT	THATCHER FIRE/PAT	mpayne@thatcher.az.gov

Safford - Randy DeHy rpedhy@safford.az.gov
 Heath Brown hbrown@thatcher.az.gov

**Graham County Multi-Jurisdictional
Hazard Mitigation Plan Update Meeting
February 28, 2017
County Health Annex Building
Safford, AZ**

AGENDA

08:00 am Welcome

Introductions

Plan Review & Update

- Missing Assignments
- Hazard Profiles
- Hazard Vulnerability and Loss Tables
- Hazards Prioritization
- Mitigation Actions & Projects

Next Meeting

12:00 pm Adjourn



Name (Please print legibly)

Title

Agency/Org

Email and/or Phone

Graham County
Hazard Mitigation Plan Update Meeting
February 28, 2017

Name (Please print legibly)	Title	Agency/Org	Email and/or Phone
Matt Bolinger	EPIDEMIOLOGIST	GRAHAM HEALTH	MBOLINGR@CC.BETKENTRI
Jeff Bolinger		PHD	jeffbolinger@graham.org
Nancy Selover	State Climatologist Planning Branch Mgt	STATE Climate Office ADSEM	nselover@asw.edu 480-965-0580 susan.austin@ azdema.gov
Hank Metzger	Health Dept Asst	STANDISH Graham County	hmetzger@graham.mt2.ca
Lance Hemme	Asst. Public Works Director	CITY OF SPENCER	lhemme@spencerid.gov
Michael Bryce	County Engineer	Graham County	mbryce@graham.az.gov 928-421-0410
MIKE PAYNE	TFD TOWN OF THATCHER	THATCHER	mpayne@thatcher.az.gov
Brian Douglas	Health Director	Graham County	bdouglas@graham.az.gov
GARY C ALLRED	ENGINEER TELL	TOWN OF THATCHER	gallred@thatcher.az.gov
Sasha Spruce	FD DEMA	Field Coordinator	spruce@graham.az.gov
Carol Orr	CATHERI	SPENCER ID	carol@spencerid.gov

APPENDIX C: PUBLIC INVOLVEMENT DOCUMENTATION

The screenshot shows a web browser window displaying the Graham County website. The address bar shows the URL: <http://www.graham.az.gov/emergency-manageme>. The page header features the Graham County logo and navigation links: Home, A-Z Services, Departments, and Employment. A breadcrumb trail indicates the current location: Home / Emergency Management / Hazard Mitigation Plan.

Hazard Mitigation Plan

Graham County Begins Work on Hazard Mitigation Plan Update

At the end of this page you will find a link to the Graham County Multi-Jurisdictional Hazard Mitigation Plan 2010. We also encourage you to submit a comment or contact us with questions.

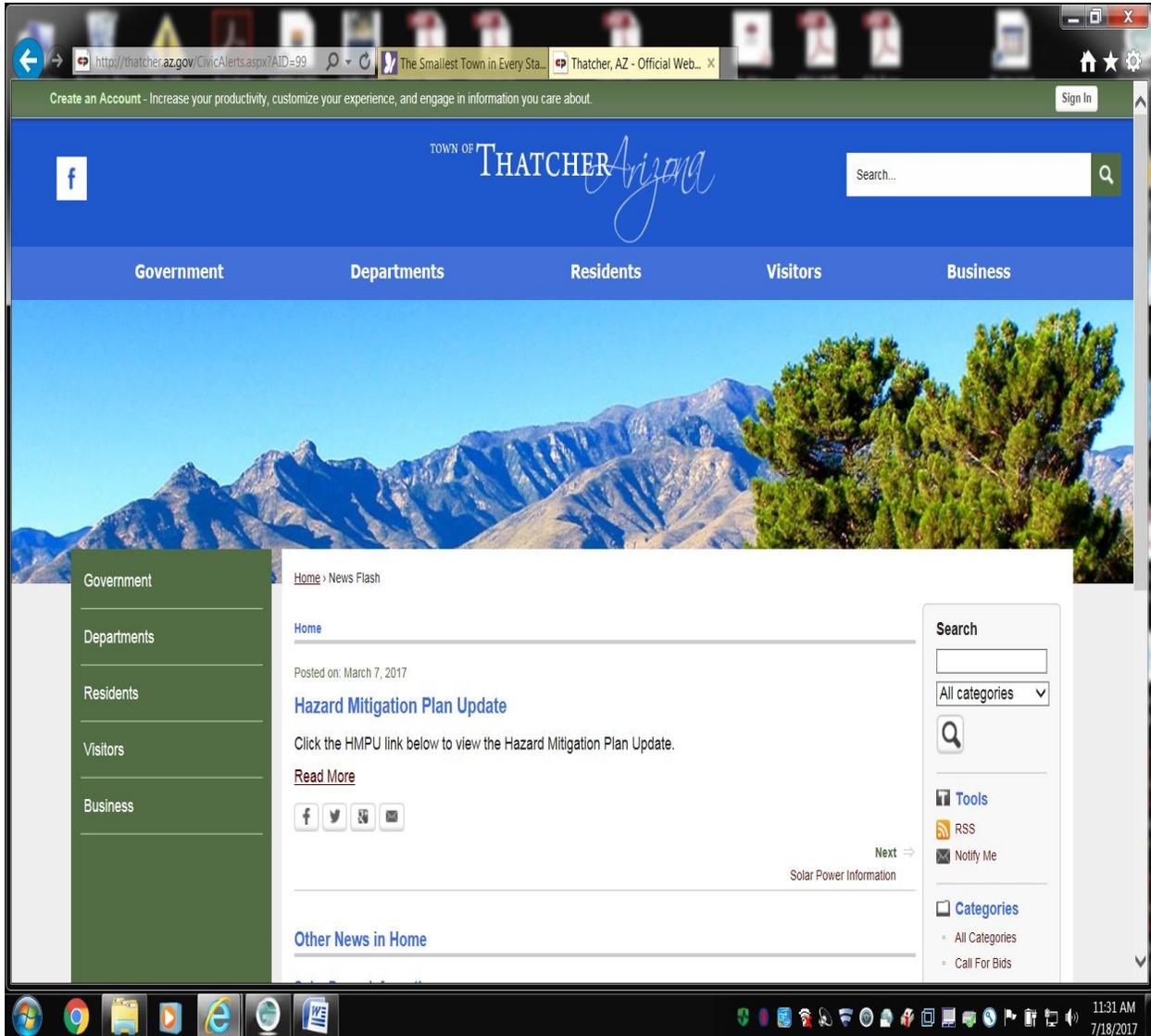
A planning team of representatives from Graham County, the City of Safford, the Town of Thatcher, the Town of Pima, the Arizona Department of Public Safety, the U.S. Forest Service, and the Arizona Department of Emergency and Military Affairs are participating in a county-wide hazard mitigation planning update process. The purpose of this process is to update the current Graham County Multi-Jurisdictional Hazard Mitigation Plan, previously approved by FEMA on 9/12/2011. Local, county, tribal and state governments are required to have a FEMA approved hazard mitigation plan in order to be eligible for federal hazard mitigation grant funds and other types of disaster funding. The plan focuses on the area's most threatening hazards and establishes a strategy to reduce or eliminate the impact from those

HEAT SAFETY
Visit the [Arizona Department of Health Services](#) for information on Heat Safety, Heat Related Illness, Extreme Heat Maps, and Heat Stress Index.

MEETINGS & EVENTS
[Board of Supervisors](#)
[Industrial Development Authority](#)
[Open Meeting Law](#)
[Planning & Zoning](#)
[Reserve A Meeting Room](#)
[Community Events](#)

COURTS/JUDICIAL
COURT CALENDARS for the Superior Court, ProTem Court and Justice Court#2.
SUPERIOR COURT
[FORMS - Each online](#)

11:21 AM
7/18/2017



APPENDIX D: PREVIOUS MITIGATION STRATEGY ASSESSMENT

Table D-1: Graham County Previous Mitigation Strategy Assessment							
Description	Hazard(s) Mitigated	Est. Cost Completion	Primary Agency	Potential Funding Source(s)	Status	Disposition	Comments
Compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flood	Staff Time Annual, On-going	Engineer	FCD Levy, Community Assistance Program, Floodplain Use Permit Fees	In Progress Ongoing	Keep	Review of flood plain permits
Develop/distribute emergency action plans and educate the public about areas of risk posed by a potential dam failure.	Dam Failure	Staff Time Annual	County Engineer	FCD Levy	In Progress Ongoing	Keep/Revise	Updated EOP and distributed. Continue to update EOP.
Improve the communication infrastructure to provide interoperable communications for emergency personnel and other agencies, which need to be in the communication loop in a disaster scenario.	All	\$250,000 Annual	IT Director	Federal Grants, General Fund	In Progress Ongoing 1 phase complete	Keep	3 new towers have been erected for communication equipment. Updated equipment will be added as funding allows.
Work proactively with federal agencies (USFS, EPA, USFW) to ease regulations that will allow effective mitigation of wildland fire fuels next to structures.	Wildfire	Staff Time Dependent on federal agency response	Co Board of Supervisors	General Fund	In Progress Ongoing	Keep	Ongoing work
Maintain county water tankers for deployment on an as-needed basis.	Drought	Staff Time As needed	Highway Superintendent	HURF	In Progress Ongoing	Keep	We will continue to maintain the water tankers and use them as needed. They have been used on the San Carlos Apache Reservation and in the local community.
Distribute information packets to citizens located within floodplains to educate about the risks of flooding and preparedness	Flood	Staff Time On-going	Emergency Management	Preparedness grant funds	In Progress Ongoing	Keep	Communication on the website and through our newsletter and media.
Obtain detail studies of unnumbered "A Zones" to improve floodplain administration in order to update mapping and increase credibility of the maps.	Flood	\$60,000 Within 1-year of funding availability	County Engineer	Federal Grant	No Progress	Keep	No funding has been obtained.

Table D-1: Graham County Previous Mitigation Strategy Assessment

Description	Hazard(s) Mitigated	Est. Cost Completion	Primary Agency	Potential Funding Source(s)	Status	Disposition	Comments
Review and evaluate current IBC codes for potential update on a tri-annual basis.	All	Staff Time \$10,000 Every three years	Planning & Zoning Director	General Fund	Complete	Keep/Revise	We have made a resolution adopting the 2003 IBC codes. We are waiting for the 2015 IBC codes to come out.
Re-evaluate 100-year floodplain at 8th Avenue Bridge to reflect the revised approach design.	Flood	\$5,000 July 2010	Co Engineer	ADOT	In Progress Ongoing	Keep	The model has been completed, but map revisions are pending.
Continue to monitor active fissure area and coordinate with AZGS to identify possible mitigation actions	Fissure	Staff Time On-going	Transp Dept, Operations Supervisor Engineering / Co Engineer	General Fund	In Progress Ongoing	Keep	One fissure was recently found. We will continue to maintain and monitor for fissures.

Table D-2: Pima Previous Mitigation Strategy Assessment							
Description	Hazard(s) Mitigated	Est. Cost Completion	Primary Agency	Potential Funding Source(s)	Status	Disposition	Comments
Compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flood	Staff Time Annual, on-going	Graham County / County Engineer	FCD Levee, Community Assistance Program, Floodplain Use Permit Fees	In Progress	Keep	
Design and build a flood control channel to FEMA/industry standards to mitigate potential flood hazard for a large portion of the town limits.	Flood	\$250,000 August 2018	Town of Pima/administration/council	WIFA	In Progress	Keep	
Coordinate with Graham County, Safford and Thatcher to develop and adopt standard uniform codification for future building practices in the local area.	All	Staff Time Annual, on-going	County/P&Z	Individual municipality / general fund	In Progress	Keep	
Design and rebuild the Cottonwood Wash levee to FEMA standards to mitigate potential flood hazard for a large portion of the downtown area.	Flood	\$250,000 August 2018	Town of Pima/administration/council	WIFA	In Progress	Keep	
Conduct a public education outreach to inform citizens of the impacts of drought, severe winds (microburst, thunderstorm winds, tornado, dust devils, etc.)	Drought/ Severe wind	Staff Time August 2018	Town of Pima/administration/council	Town of Pima / General fund	In Progress	Keep	

Table D-3: Safford Previous Mitigation Strategy Assessment							
Description	Hazard(s) Mitigated	Est. Cost Completion	Primary Agency	Potential Funding Source(s)	Status	Disposition	Comments
Compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flood	Staff Time Annual, on-going	Graham County Engineer	FCD Levee, Community Assistance Program, Floodplain Use Permit Fees	No progress	Keep	No new development in floodplain
Obtain software for telemetered rain gauge and stream gauge system on Graveyard Wash Dam Flood retarding structure to establish a web based interface with the base workstation computer.	Dam Failure, Flood	\$3,000 2010	JE Fuller / COS	COS General Fund	No progress	Keep	No software purchased yet
Jensen Addition 1) Construct Retention pond north of East 4 th Street, between Safford Bowl and Impressive Labels; 2) Obtain easement with a request to pipe drainage from AZ Eastern Railway	Flood	\$4,000 2012	City of Safford	COS General Fund	Complete	Delete	Surface runoff from field south of Jensen Addition has been redirected to Graveyard Wash and a retention/detention pond has been construction on Safford Cotton Gin property
Construct drainage improvements designed for Sunflower Canal and Prina Channel by TrueLine Engineering to minimize flooding in the area. Construction will coincide with development of the area.	Flood	\$90,000 2013	City of Safford	COS General Fund	No progress	Keep	No development yet
Graveyard Wash – Fence Relocation	Dam Failure	\$23,000 2011	City of Safford	Gila Watershed and COS Cost share grant	No progress	Keep	Currently budgeted for FY 17-18
Glenn Meadows – Construct three retention basins in Conquistador Estates within City owned roadways.	Flood	\$10,000 2011	City of Safford	COS General Fund	No progress	Keep	No development yet
Colonial Village – Construct retention basin in vacant lot.	Flood	\$18,000 2014	City of Safford	COS General Fund	In progress	Keep	Retention basin needs to be re-graded and deepened

Table D-3: Safford Previous Mitigation Strategy Assessment

Description	Hazard(s) Mitigated	Est. Cost Completion	Primary Agency	Potential Funding Source(s)	Status	Disposition	Comments
12 th Ave / 26 th St – Redesigned low water crossing to all weather crossing.	Flood	\$18,000 2010	City of Safford	COS General Fund	Complete	Delete	
Construct the redesigned Hopi Avenue low water crossing to provide an all weather access at the crossing location.	Flood	\$13,000 2010	City of Safford	COS General Fund	Complete	Delete	

Table D-4: Thatcher Previous Mitigation Strategy Assessment

Description	Hazard(s) Mitigated	Est. Cost Completion	Primary Agency	Potential Funding Source(s)	Status	Disposition	Comments
Compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flooding	Staff Time Annual, on-going	Graham County Engineer	Town CIP, Floodplain Use Permit Fees	In Progress	Keep	We closely monitor and regulate any development in, or near, a floodplain
Hire consultant to study the effects of failures and what is needed to upgrade Fry Creek FRS No. 3	Dam Failure	\$150,000 Fall 2010	Thatcher Engineer	NRCS	In Progress	Keep	Study is in progress
Continue to enforce zoning and building codes through current site plan, subdivision, and building permit review processes to reduce the effects of flooding, high wind, transportation and other hazards on new buildings and infrastructure.	Flooding, Severe Wind, Transportation	Staff Time Annual, on-going	Thatcher Building Official	Town CIP, Building Permit Fees	In Progress	Keep	We continue to enforce these codes
Conduct a public education campaign in cooperation with the City of Safford and the UofA Cooperative Extension to encourage citizens to conserve water (pamphlets, brochures, fliers, etc.).	Drought	Staff Time Annual, on-going	Thatcher Town Engineer	Town CIP	In Progress	Keep	We worked for several months on a common water efficiency ordinance with the other entities, and continue to do so.
Conduct quarterly coordination meetings with Graham County Engineering, Pima Town Management, Safford City Engineering, and others as needed, to discuss opportunities to pool resources toward accomplishing common mitigation goals.	All	Staff Time Quarterly, on-going	Thatcher Town Engineer	Town CIP	In Progress	Keep	We worked for several months on a common water efficiency ordinance with the other entities, and continue to do so.
Enforce the Town's current weed abatement ordinance to protect existing and future assets from wildfire within the town limits.	Wildfire	Staff Time Annual, on-going	Thatcher Planning & Zoning Director	Town CIP	In Progress	Keep	We continue to enforce these codes.
Work in a partnership with Freeport McMoRan and other governmental entities in educating the public about hazardous materials through seminars.	HAZMAT	Staff Time & Advertising Expenses Fall 2011	Thatcher Town Engineer	Town CIP	No Progress	Keep	While we have worked with FMI on many issues and projects, this specifically has not been addressed, but we plan to do so.

***Easter Seals Blake Foundation
Graham County Community Transportation Project
Ridership/Cost Data***

FY 18 Ridership by Month

Community	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sep	Totals
Pima	121	123	229	219	144	127	124	67	81	84	94	66	1,479
Safford	329	400	432	505	474	496	492	467	451	369	438	358	5,211
Thatcher	94	42	46	70	91	79	71	103	66	88	145	52	947
Graham	98	99	123	159	144	169	149	137	108	103	92	74	1,455
Totals	642	664	830	953	853	871	836	774	706	644	769	550	9,092

Percentage of Ridership by Community

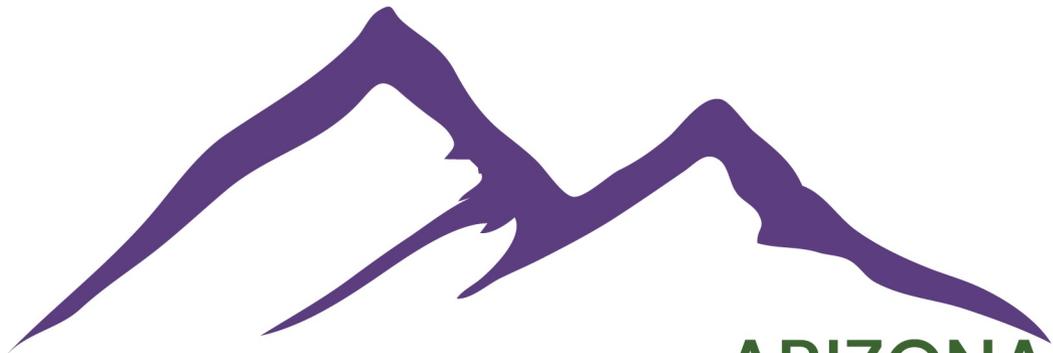
Community	Percentage
Safford	57.3%
Pima	16.3%
Graham County	16.0%
Thatcher	10.4%

Cost per passenger trip in FY18: \$10.34

Current Funding Available: \$37,500

Projected Rides for FY19: (FY 19 Funding) \$37,500/\$10.34 (FY18 Cost per Passenger Trip) =3,627 rides

FY 19 Projected Loss of Ridership: 5,465 rides



ARIZONA

THATCHER

Brandon J Homer
1293 N College Ave
Thatcher, AZ 85552
602 / 999 - 8307

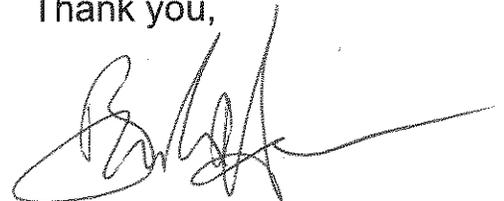
Thatcher Town Council
3700 West Main Street
Thatcher, AZ 85552

% Heath Brown Town Manager

Honorable members of the Town Council,

I am interested in the open position on the Town of Thatcher Planning & Zoning Committee. I believe that I can be an asset to our community and to the town council with the new General Plan Update. My educational background includes a BS Degree in Real Estate Studies from Arizona State University, 2002. I am a licensed Realtor in the State of AZ since 2000. I would be honored to serve our community.

Thank you,

A handwritten signature in black ink, appearing to read 'Brandon J Homer', with a long horizontal flourish extending to the right.

Subject: Planning and Zoning Committee

Date: Wednesday, November 14, 2018 at 7:24:05 PM Mountain Standard Time

From: Justin Layton

To: Heath Brown

Category: Family, Work

Mr. Brown

It is my pleasure to express interest in the vacant position for the planning and zoning committee. I would appreciate the consideration of yourself and the Town Council for this opportunity to serve on the Committee.

Regards

Justin Layton

Sent from my iPad