



# Application

Hazard Mitigation Grant Program

FEMA-1888 -DR-AZ



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**Elevation/Goodwin**  
Project Name

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**Gila County**  
Sponsoring Agency

<b><i>For State Use Only</i></b>		
<b>Date Received</b>	<b>Application Type</b>	<b>Application Number</b>

Arizona Division of Emergency Management  
5636 E McDowell Road, Phoenix, Arizona 85008-3495  
(602) 464-6349 | 1-800-411-2336 | [www.dem.azdema.gov](http://www.dem.azdema.gov)

**Return form to:** [allen.howard@azdema.gov](mailto:allen.howard@azdema.gov),  
Phone: (602) 464-6349 Fax: (602) 464-6538

Aug 2010

**Part I: Contact Information**

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Matt Bolinger  
**Primary Contact**

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Director  
**Title**

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Gila County Emergency Management  
**Agency**

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5515 S. Apache Ave., Suite 400  
**Address**

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Globe, Gila, AZ 85501  
**City, County, State, Zip Code**

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928-402-8764  
**Phone Number**

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mbolinger@co.gila.az.us  
**E-mail**

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Debra L. Williams  
**Secondary Contact**

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Deputy Director  
**Title**

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Gila County Emergency Management  
**Agency**

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5515 S. Apache Ave., Suite 400  
**Address**

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Globe, Gila, AZ 85501  
**City, County, State, Zip Code**

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928-402-8763  
**Phone Number**

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dwilliams@co.gila.az.us  
**E-mail**

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## Part II: Community Information

Applicant Type: Local Government

202 Ash St., Lot 77B

**Project Address**

Roosevelt, Gila, AZ 85545

**City, County, State, Zip Code**

33.623833 ° W 111.002194 ° N

**GPS Coordinates (Decimal Degrees)**

**Datum (coordinates must be in either WGS 84, NAD 83, or NAD 27)**

**Is this a small and impoverished community?**

**County Code 00000 H1**

**FIPS Code 007**

**US Congressional District 1**

**State Legislative District(s) 5**

## Part II: Community Information, Continued

### Mitigation Plan Information

**Does your state have a FEMA-approved multi-hazard mitigation plan?**

Yes

**Is your agency and/or project location covered by a FEMA-approved multi-hazard mitigation plan?** (An approved mitigation plan is required in order to receive funding through this grant program.)

Yes

**What is the name of the plan?**

Gila County Multi-Hazard Mitigation Plan

**When was the plan approved?**

April 2006

**Is the plan a single or multi-jurisdictional plan?**

Multi-Jurisdictional

**If the plan is not yet approved, when do you expect approval?**

**Use the space below to identify the goal(s), objective(s), and action(s) this project relates to in the plan.**

Goal 5: Reduce the potential level of damage and losses to people, existing and future critical facilities/infrastructure and other community assets due to floods.

Objective 5. B Decrease vulnerability of community assets, especially critical facilities located in the 100 year flood plain.

Objective 5.D Maintain compliance with the National Flood Insurance Program (NFIP) requirements.

Action: mitigate risk of loss of life and property in the most flood prone zones.

## Part II: Community Information, Continued

### Other Mitigation Efforts

Is the project area in a Firewise Community?

No

If yes, provide the Firewise Community Number.

Does the community/agency participate in the National Flood Insurance Program (NFIP)?

Yes

If so, when was the last Community Assistance Visit (CAV)? (month/year)

07/17/2008

Does the community participate in the Community Rating System (CRS)?

No CRS Classification

Has the community adopted building codes consistent with the International Building Code (IBC)?

Yes

Has the community's building codes been assessed on the Building Code Effectiveness Grading Schedule (BCEGS)?

No

If yes, what is the rating?

Use the space below to enter the contact information for the Floodplain Administrator for the community.

**Name:** Darde DeRoulhac  
**Title:** Floodplain Administrator  
**Agency:** Gila Co Community Development  
**Address:** 608 E. Hwy 260  
**City, State, Zip:** Payson, AZ 85541  
**Phone:** 928-474-1076  
**E-mail:** dderoulhac@co.gila.az.us

**Part III: Hazard Information**

**What hazard(s) will this project mitigate? Indicate the frequency and severity of each.**

Hazard	Frequency			Severity		
	Low	Medium	High	Low	Medium	High
Flooding/Flash Flooding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If other, specify:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**For flood mitigation projects, enter the following information below:**

FIRM Panel Number	Date of FIRM	Flood Zone Designation
04007C 1206D	12/04/2007	AE

FIRM: Flood Insurance Rate Map

**Describe the area where the mitigation project will be implemented (be sure to attach original maps, photos, and/or diagrams that clearly depict the project location).**

See attached:  
 Standard Flood Hazard Determination document  
 AE Zone Firmette for this property

**Part III: Hazard Information, Continued**

**Risk Assessment**

<b>Describe the values at risk by number and/or type, including dollar figures (if available).</b>	
<b>People</b>	2
<b>Buildings</b>	2 – Assessor 2010 Full Cash Value \$51,674.00
<b>Infrastructure</b>	
<b>Land</b>	

**Historical Damages**

<b>Date (month/year)</b>	<b>Event</b>	<b>Brief Damage Description</b>	<b>Cost</b>
09/2003	Flash Flood	Homeowner information pending	
01/2010	Flash Flood	Homeowner information pending	
<b>Total Events</b>	2	<b>Total Cost</b>	

**Part IV: Financial**

**Cost Effectiveness**

<p><b>What is the benefit-cost ratio?</b> (Attach the supporting BCA documentation.)</p>	<p>1.0</p>
<p><b>What is the net project cost?</b> (See BCA.)</p>	
<p><b>What is the dollar amount of Damages Before Mitigation?</b> (See BCA.)</p>	
<p><b>What is the dollar amount of Damages After Mitigation?</b> (See BCA.)</p>	
<p><b>What is the dollar amount of potential future damage if the hazard is not mitigated?</b> (Include any future costs not listed in the BCA.)</p>	
<p><b>Give details of any benefits not considered in the BCA (e.g., avoided future losses).</b></p>	
<p>Detailed report pending. BCA estimated to be at or greater than 1.0.</p>	

BCA: Benefit-Cost Analysis

**Part IV: Financial, Continued**

**Funding**

<b>Project Cost</b>	<b>Annual Maintenance Cost</b>	<b>Proposed Federal Share (\$ and %)</b>	<b>Proposed Non-Federal Share (\$ and %)</b>
\$50,000.00		\$37,500.00	\$12,500.00
		75 %	25 %

**Matching Non-Federal Funds**

<b>Match Share Source</b>	<b>Source Agency Name</b>	<b>Funding Type</b>	<b>Amount</b>	<b>Date Available</b>
Property Owner	Goodwin	Cash	\$12,500.00	Date of FEMA award
		<b>Total</b>		

**Use the space below to add any pertinent details not accounted for above.**

The cost share for this project will be Federal 75% (est. \$37,500.00) and applicant 25% (est. \$12,500.00). Because this is a private property and the Goodwin's will be directly gaining benefit from the project the homeowner will have to provide proof of funds by the date of a FEMA grant award and prior to acceptance of the award by the Gila County Board of Supervisors.

**Be sure to include a letter that indicates the date the funds are available to be committed.**

## Part V: Project Information

### Scope of Work

**Describe the project, including what it entails and how it will address the problem being mitigated and how people and property at stake will be protected. (It may be useful to use a problem, tools, results format.)**

This property is located in a FEMA AE Flood Zone along the Tonto Creek. During the past 15 years, changes to the path of flood waters has encroached on the property and now represent imminent danger to loss of life and property during annual winter storm events. The property owners have expressed a desire to maintain ownership of their home and property, however the home must be elevated to become compliant with FEMA and Gila County Flood Plain management code.

Elevation will be completed according to Gila County Building Codes and NFIP codes and standards so that the first floor elevation is one foot above the base flood elevation. The final elevation and technique will be determined by a qualified engineer.

Maintenance of this project will include deed restrictions regarding structure compliance with NFIP and mandatory NFIP policy coverage.

**Part V: Project Information, Continued**

**Estimated Project Timeline and Budget**

**Break down each action so that each separate cost can be documented.  
Contingency and administrative costs not allowed.**

<b>Phase</b>	<b>Duration</b>	<b>Itemized Action List</b>	<b>Cost</b>
1	3 months	Elevation plan development	
2	6 months	Surveys and permitting	
3	3 months	Legal documents and fees	
4	6 months	Temporary tenant relocation	
5	6 months	Elevation	
6	1 month	Inspection	
Admin	60 Days	The Arizona Division of Emergency Management Mitigation Office reserves this time to perform the duties associated with administering the grant.	\$0.00
<b>Total</b>	<b>27 months</b>	<b>Total Estimated Cost</b>	<b>\$50,000.00</b>

**Be sure to attach all relevant estimates, studies, drawings, blueprints, and preliminary engineering data, including hydrologic information, footprint, and elevations.**

**Part V: Project Information, Continued**

**Additional Questions**

<b>Does the project involve ground disturbance?</b> Yes	<b>If yes, is it previously disturbed ground?</b> Yes
<b>Use the space below to describe any potential ground disturbance involved in this project.</b>	
<p>Ground disturbance will include construction of elevation structure. Previous disturbance performed during structure installation.</p>	
<b>Use the space below to describe any other projects in or near the project area that are related to this project.</b>	
<p>One (1) HMGP project for open space acquisition is proposed on the property directly west of this property.</p>	
<b>Is this project being funded in any part by other federal funding sources (e.g., Public Assistance (PA), Army Corps of Engineers (USACE), Natural Resources Conservation Service (NRCS)?</b> NO If yes, describe below.	
<p>N/A</p>	

## Part V: Project Information, Continued

### Additional Questions, Continued

<p><b>Is there a deed restriction or permanent conservation easement on the property at the project site that would prohibit federal disaster funding? NO If yes, describe below.</b></p>
<p>A deed restriction will be added stating this project was improved with federal funds and must be NFIP insured. Pending flood plain compliance.</p>
<p><b>List any Public Assistance (PA) project worksheets (PW) or disaster survey reports (DSR) that were completed at the project's location during disasters in the last ten (10) years.</b></p>
<p> </p>

### Public Notice

<p><b>Are you required to give public notice for this project? YES If yes, attach the document of record, and provide point of contact information below. Document of Record pending Gila County Board of Supervisors approval to submit application.</b></p>	
<p><b>Name:</b> Matt Bolinger</p> <p><b>Title:</b> Director</p> <p><b>Agency:</b> Gila County Emergency Management</p> <p><b>Phone:</b> 928-402-8764</p>	<p><b>E-mail:</b> mbolinger@co.gila.az.us</p> <p><b>Address:</b> 5515 S. Apache Ave., Suite 400</p> <p><b>City, Zip:</b> Globe, 85501</p>

## Part V: Project Information, Continued

### Maintenance Plan

Use the space below to describe the maintenance plan, making sure to address the following questions:

- What type of maintenance will be necessary?
- How often will the maintenance be necessary?
- Who will be responsible for performing the maintenance?

Acquisition and maintenance of NFIP policy for the life of the property. County Flood Plain compliance inspection will occur annually.

**Part V: Project Information, Continued**

**Alternative Solutions**

<p><b>Describe three (3) alternative solutions to the proposed mitigation project, including a cost estimate. One alternative may be “no action.” Alternatives must be reasonable and feasible from a technical and economic standpoint, using common sense.</b></p>		
	<b>Cost Estimate</b>	<b>Solution</b>
<b>Alternative 1</b>	See Justification	Title <b>Acquisition</b>
		<b>Description</b>
<b>Alternative 2</b>	See Justification	Title <b>Relocation</b>
		<b>Description</b>
<b>Alternative 3</b>	See Justification	Title <b>No Action</b>
		<b>Description</b>

## Part V: Project Information, Continued

### Project Justification

**Use the space below to explain the reasoning behind choosing the proposed mitigation project over the alternative solutions listed on the previous page.**

The benefits of elevation for this property include compliance with FEMA and Gila County Floodplain Management Code by reducing the flood risk to life and property. It also allows this homeowner to maintain a quality of life that could not be duplicated by relocation or due to financial restrictions.

## Part VI: Signatory and Attachments

### Signatures

By signing below, I am agreeing that, to the best of my knowledge and belief, the data in this application and supporting documents are true and correct, and that willful misrepresentation may cause the application to be denied.

Signature of Applicant or Designee	Date
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Signature of Applicant or Designee	Date
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Signature of Applicant or Designee	Date
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### Attachments

Check the box next to each article that has been included with this application:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Designation of Applicant Agent    | <input type="checkbox"/> Assurances (FF 2016)     | <input type="checkbox"/> Benefit-Cost Analysis |
| <input type="checkbox"/> Environmental Questionnaire       | <input type="checkbox"/> Maps, Photos, Blueprints | <input type="checkbox"/> Engineering/hydrology |
| <input type="checkbox"/> Property Inventory Spreadsheet(s) | <input type="checkbox"/> Funds Commitment Letter  | <input type="checkbox"/> DSRs, PWs             |