



SECTION 9. JURISDICTIONAL ANNEXES

9.14 City of Simonton

This section presents the jurisdictional annex for the City of Simonton that provides resources and information to assist public and private sectors to reduce losses from future hazard events. This annex is not guidance of what to do when a disaster occurs. Rather, this annex concentrates on actions to reduce or eliminate damage to property and people that can be implemented prior to a disaster. Information presented includes a general overview of the municipality, the City of Simonton representatives who participated in the planning process, an assessment of the City of Simonton's risk and vulnerability, the different capabilities used in the City of Simonton, and an action plan that will be implemented to achieve a more resilient community.

9.14.1 Hazard Mitigation Planning Team

The City of Simonton identified primary and alternate points of contact and developed this plan over the course of several months with input from many City of Simonton departments, including the City Secretary, Emergency Management Coordinator. The Emergency Management Coordinator represented the community on the Fort Bend County Hazard Mitigation Plan Planning Partnership and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

The following table summarizes municipal officials that participated in the development of the annex and in what capacity. Additional documentation on the municipality's planning process through Planning Partnership meetings is included in Volume 1, Section 2 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.14-1. Hazard Mitigation Planning Team

Primary Point of Contact		Alternate Point of Contact	
Name/Title:	Erica Molina – City Secretary/EMC	Name/Title:	N/A
Address:	35011 FM 1093, Simonton, TX 77476	Address:	N/A
Phone Number:	(281) 533-9809	Phone Number:	N/A
Email:	emolina@simontontexas.gov	Email:	N/A
NFIP Floodplain Administrator			
Name/Title:	Building Dept/Floodplain Administrator		
Address:	35011 FM 1093, Simonton, TX 77476		
Phone Number:	(281) 533-9809		
Email:	-		
Additional Contributors:			
Name/Title:	Erika Molina/City Secretary		
Method of Participation:	Provided Key input in the planning process		

9.14.2 Municipal Profile

The City of Simonton is in the southwest corner of Fort Bend County and borders the southern shore of Lake Lyndon B. Johnson. Located 50 miles northwest of downtown Austin, the City of Simonton is known for its scenic golf courses,



resorts, and hotels. The City of Simonton has a total area of 11.6 square miles, 11.4 square miles of land and 0.23 square miles of water.

According to the American Community Survey, the 2021 population for the City of Simonton was 838. Data from the 2021 American Community Survey indicate that 10.5 percent of the population is 5 years of age or younger, and 11.6 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.14.3 Jurisdictional Capability Assessment and Integration

The City of Simonton performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume 1, Section 5 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment includes the following analyses:

- An assessment of legal and regulatory capabilities
- Development and permitting capabilities
- An assessment of administrative and technical capabilities
- An assessment of fiscal capabilities
- An assessment of education and outreach capabilities
- Classification under various community mitigation programs
- The community's adaptive capacity to withstand hazard events

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of the hazard mitigation analysis, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress toward plan integration. The updated mitigation strategy provided an opportunity for the City of Simonton to identify opportunities for integration of mitigation concepts that can be incorporated into municipal procedures.

Planning, Legal, and Regulatory Capability and Integration

The table below summarizes the regulatory tools that are available to the City of Simonton. The comment field provides information as to how the capability integrates hazard mitigation and risk reduction.

Table 9.14-2. Planning, Legal, and Regulatory Capability and Integration

	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Codes, Ordinances, & Regulations				
Building Code	Yes	International Building Code	Local	Building Department
<i>How does this reduce risk?</i> The City of Simonton adopted the 2018 International Building Code.				
Zoning/Land Use Code	-	-	-	-
<i>How does this reduce risk?</i>				
Subdivision Ordinance	Yes	Chapter 26 – Subdivisions	Local	City Council
<i>How does this reduce risk?</i> The City adopted the Subdivision Ordinance Regulations to provide for the orderly, safe, and healthful development of land within the City limits and its extraterritorial jurisdiction.				



	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Site Plan Ordinance	Yes	Chapter 8 – Buildings and Building Regulations – Sec. 8-27. – Site Plan	Local	Building Department
How does this reduce risk? The Ordinance establishes requirements for developments within the 100-year floodplain. These requirements include an elevation certificate prepared by a qualified surveyor, licensed by the State of Texas, where the certificates states the first floor of the building or structure is at the required height of at least eight-teen inches above the natural ground, 12 inches above the curb of the street, the crown of the street and/or the base flood elevation. The Ordinance requires any structure/building be built on a foundation that is significantly above grade – pier, beam, steamwall – or other foundation type, the subfloor of the first level cannot be higher than four inches from the grade shown below the foundation.				
Stormwater Management Ordinance	No	-	-	-
How does this reduce risk?				
Post-Disaster Recovery/ Reconstruction Ordinance	Yes	Chapter 8 Article IV	Local	Building dept/floodplain administrator
How does this reduce risk?				
Real Estate Disclosure	No	-	-	-
How does this reduce risk?				
Growth Management	No	-	-	-
How does this reduce risk?				
Environmental Protection Ordinance	Yes	Chapter 12	Local	Building dept
How does this reduce risk? Purpose of the ordinance is to protect the environment of the City in conjunction with land planning and development.				
Flood Damage Prevention Ordinance	Yes	Chapter 8 – Buildings and Building Regulations – Article IV. – Flood Damage Prevention	Local	Building Dept/Floodplain Administrator
How does this reduce risk? It is the purpose of this article to promote the public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to: <ul style="list-style-type: none">• Protect human life and health• Minimize expenditure of public money for costly flood control projects• Minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public• Minimize prolonged business interruptions• Minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets and bridges located in floodplains• Help maintain a stable tax base by providing for the sound use and development of floodprone areas in such a manner as to minimize future flood blight areas• Ensure that potential buyers are notified that property is in a flood area				
Wellhead Protection	No	-	-	-
How does this reduce risk?				
Emergency Management Ordinance	Yes	Chapter 10 and Chapter 14	Local	FBCOEM
How does this reduce risk?				
Climate Change Ordinance	No	-	-	-
How does this reduce risk?				
Other	-	-	-	-
Planning Documents				
Comprehensive/Master Plan	No	-	-	-
How does this reduce risk?				
Capital Improvement Plan	Yes	1996 and 2022	Local	Engineer
How does this reduce risk? CIP includes long-term drainage projects to enhance and maintain drainage				



	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Disaster Debris Management Plan	Yes	Interlocal Agreement	County	-
<i>How does this reduce risk?</i>				
Floodplain Management or Watershed Plan	Yes	Chapter 8 Article IV	Local	Floodplain
<i>How does this reduce risk?</i>				
Stormwater Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Open Space Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Urban Water Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Habitat Conservation Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Economic Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Shoreline Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Community Wildfire Protection Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Community Forest Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Transportation Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Agriculture Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Climate Action/ Resiliency/Sustainability Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Tourism Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Business/ Downtown Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Other	-	-	-	-
Response/Recovery Planning				
Comprehensive Emergency Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Continuity of Operations Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Strategic Recovery Planning Report	No	-	-	-
<i>How does this reduce risk?</i>				
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-



	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<i>How does this reduce risk?</i>				
Post-Disaster Recovery Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Public Health Plan	Yes	The Fort Bend County Health and Human Services Department (FBHHS) provides public health services for the city. FBHHS has public health plans as part of Annex H of the Fort Bend County Emergency Operations Plan.	County	FBHHS
<i>How does this reduce risk?</i> FBHHS has plans in place to prevent public health issues through regular inspections of regulated facilities, as well as prepare for and respond to public health emergencies.				
Other	-	-	-	-
<i>How does this reduce risk?</i>				

Development and Permitting Capability

The table below summarizes the capabilities of the City of Simonton to oversee and track development.

Table 9.14-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment:
Do you issue development permits? • If yes, what department is responsible?	Yes	Building Department and Floodplain Administrator
If you do not issue development permits, what is your process for tracking new development?	N/A	
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes	Flood Hazard Area
Do you have a buildable land inventory? • If yes, please describe	No	
Describe the level of build-out in your jurisdiction.	N/A	

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the City of Simonton and their current responsibilities that contribute to hazard mitigation.

Table 9.14-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	Yes	City Council
Zoning Board of Adjustment	No	-
Planning Department	No	-



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	Yes	Volunteers
Public Works/Highway Department	No	-
Construction/Building/Code Enforcement Department	Yes	Building Department reviews all potential building permits
Emergency Management/Public Safety Department	Yes	Emergency Operations Center
Warning Systems / Services (mass notification system, outdoor warning signals, etc.)	Yes	Nixle by Everbridge notification system is utilized
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	City Capital Improvement Plans and Interlocal Agreement with County Road and Bridge
Mutual aid agreements	Yes	Interlocal agreement with Fort Bend County Office of Emergency Management
Human Resources Manual	No	-
Other		
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	City Engineer
Engineers or professionals trained in building or infrastructure construction practices	Yes	Bureau Veritas
Planners or engineers with an understanding of natural hazards	Yes	City Engineer
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	Yes	Engineer
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	Yes	Engineer
Environmental scientist familiar with natural hazards	No	-
Surveyor(s)	Yes	Engineer
Emergency manager	Yes	Emergency Management Coordinator
Grant writer(s)	Yes	
Resilience officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	-	-
How do your administrative/technical capabilities contribute to risk reduction in your community?		

Fiscal Capability

The table below summarizes financial resources available to the City of Simonton.

Table 9.14-5. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Community Development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas, or electric service	No
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	No



Financial Resources	Accessible or Eligible to Use? (Yes/No)
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	Yes
Other federal or state funding programs	Yes
Open space acquisition funding programs	No
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	Texas Water Development Fund, TWDB Clean Water State Revolving Fund, TWDB Flood Protection Planning Grant,

Education and Outreach Capability

The table below summarizes the education and outreach resources available to the City of Simonton.

Table 9.14-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment:
Public information officer or communications office	Yes	Contracted
Personnel skilled or trained in website development	Yes	Contracted
Hazard mitigation information available on your website	Yes	Emergency Operations Center Information
Social media for hazard mitigation education and outreach	Yes	Emergency Operations Center provides information via social media
Citizen boards or commissions that address issues related to hazard mitigation	No	-
Warning systems for hazard events	Yes	Nixle by Everbridge Notification system
Natural disaster/safety programs in place for schools	No	-
Does the jurisdiction have any public outreach mechanisms / programs in place to inform citizens on natural hazards, risk, and ways to protect themselves during such events? • If yes, please describe.	Yes	Utilize website, social media, and in-person education of living in a hazard area

Community Classifications

The table below summarizes classifications for community programs available to the City of Simonton.

Table 9.14-7. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	No	-	-
Storm Ready Certification	No	-	-
Firewise Communities classification	No	-	-
Other			



Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans, and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. The table below summarizes the adaptive capacity for each identified hazard of concern and the jurisdiction’s capability to address related actions using the following classifications:

- Strong: Capacity exists and is in use.
- Moderate: Capacity might exist but is not used or could use some improvement.
- Weak: Capacity does not exist or could use substantial improvement.

Table 9.14-8. Adaptive Capacity

Hazard	Adaptive Capacity – Strong/Moderate/Weak
Dam/Levee Failure	Moderate
Disease Outbreak	Moderate
Drought	Moderate
Extreme Temperature	Moderate
Flood	Moderate
Geologic Hazards	Moderate
Hurricane/Tropical Storm	Moderate
Severe Weather	Moderate
Tornado	Moderate
Wildfire	Moderate
Winter Storm	Low

9.14.4 National Flood Insurance Program (NFIP) Compliance

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the NFIP. The Floodplain Administrator is responsible for maintaining this information and is listed in the Hazard Mitigation Planning Team table at the beginning of this annex.

NFIP Summary

The following table summarizes the NFIP statistics for the City of Simonton.

Table 9.14-9. NFIP Summary

Municipality	Policies in Force ^a	Number of Paid Claims ^a	Amount of Paid Claims ^a	Number of NFIP RL Properties ^b	Number of NFIP SRL Properties ^b
Simonton (C)	170	595	\$49,505,014.02	32	N/A

Sources: ^a BureauNet 2022 (<https://nfipservices.floodsmart.gov/reports-flood-insurance-data>)

^b 2018 Fort Bend County HMP

Notes: Due to a contractual agreement with FEMA, detailed information at the municipal level was not available to incorporate into the 2023 HMP Update. The information presented here was collected from data provided by the State of Texas and from FEMA’s HUDEX Report.

*Number of RL and SRL properties provided by the State of Texas

**Total policies in force and paid claims collected from FEMA’s OpenFEMA Dataset: FIMA NFIP Redacted Claims

RL Repetitive Loss

SRL Severe Repetitive Loss

Flood Vulnerability Summary

The following table provides a summary of the NFIP program in the City of Simonton.



Table 9.14-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction. <ul style="list-style-type: none"> Do you maintain a list of properties that have been damaged by flooding? 	90 percent of the city residential is in the floodplain, specifically SFHA. Yes the City maintains a list of property owners interested in flood mitigation
<ul style="list-style-type: none"> Do you maintain a list of property owners interested in flood mitigation? How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)? 	No
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what projects are underway. 	No
<ul style="list-style-type: none"> How do you make Substantial Damage determinations? How many were declared for recent flood events in your jurisdiction? 	After flood event, floodplain admin inspects flooded properties. Initial assessments are based on FEMA's assessment tool and continue during reconstruction permitting. 9 were sub damaged in 2017
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? <ul style="list-style-type: none"> If there are mitigated properties, how were the projects funded? 	12 buyouts and 4 elevations have been funded by hazard mitigation grants
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 	Yes
NFIP Compliance	
What local department is responsible for floodplain management?	City Engineer (Floodplain Administrator)
Are any certified floodplain managers on staff in your jurisdiction?	Yes, City Engineer
Do you have access to resources to determine possible future flooding conditions from climate change?	No
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none"> If so, what type of assistance/training is needed? 	No
Provide an explanation of NFIP administration services you provide (e.g. permit review, GIS, education/outreach, inspections, engineering capability)	Permit Review and GIS Mapping
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	Permit Process
What are the barriers to running an effective NFIP program in the community, if any?	None
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> If so, state the violations. 	None. The City was audited in February 2022
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	February 2022
<ul style="list-style-type: none"> What is the local law number or municipal code of your flood damage prevention ordinance? What is the date that your flood damage prevention ordinance was last amended? 	Chapter 8 Article IV January 2021
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 	Exceeds – Pier and Beam construction with finished flood 24" above BFE
Are there other local ordinances, plans or programs (e.g. site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board	Flood risk is taken into consideration with any and all construction within the floodplain



NFIP Topic	Comments
consider efforts to reduce flood risk when reviewing variances such as height restrictions?	
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	Not at this time

9.14.5 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to appreciating a jurisdiction's overall risk to its hazards of concern. The table below summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development.

Table 9.14-11. Number of Building Permits for New Construction

Type of Development	2018		2019		2020		2021		2022	
Number of Building Permits for New Construction Issued Since the previous HMP* (total/within regulatory floodplain)										
	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA
Single-Family	3	3	7	7	1	1	2	2	3	3
Multi-Family	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	1	0	0	0	0	0	0	0	0	0
Total Permits Issued	4	3	7	7	1	1	2	2	3	3

SFHA Special Flood Hazard Area (1% annual chance flood event)

* Only location-specific hazard zones or vulnerabilities identified.

Table 9.14-12. Recent and Expected Future Development

Property or Development Name	Type (e.g. Res., Comm.)	# of Units / Structures	Address and Parcel ID	Known Hazard Zone(s)	Description/Status of Development
Recent Major Development from 2018 to Present					
Not Applicable					
Known or Anticipated Major Development in the Next Five (5) Years					
Not Applicable					

9.14.6 Jurisdictional Risk Assessment

The hazard profiles in Volume 1, Section 4 (Risk Assessment) provide detailed information regarding each plan participant's vulnerability to the identified hazards. Section 4.1 (Methodology and Tools) and Section 4.4 (Hazard Ranking) provide detailed summaries for the City of Simonton's risk assessment results and data used to determine the hazard ranking discussed later in this section.

Hazard area extent and location maps provided below illustrate the probable areas impacted within the jurisdiction based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps were generated only for those hazards that can be identified clearly using mapping techniques and technologies and for which the City of Simonton has significant exposure. The maps also show the location of potential new development, where available.



Figure 9.14-1. City of Simonton Hazard Area Extent and Location Map-Dam Inundation

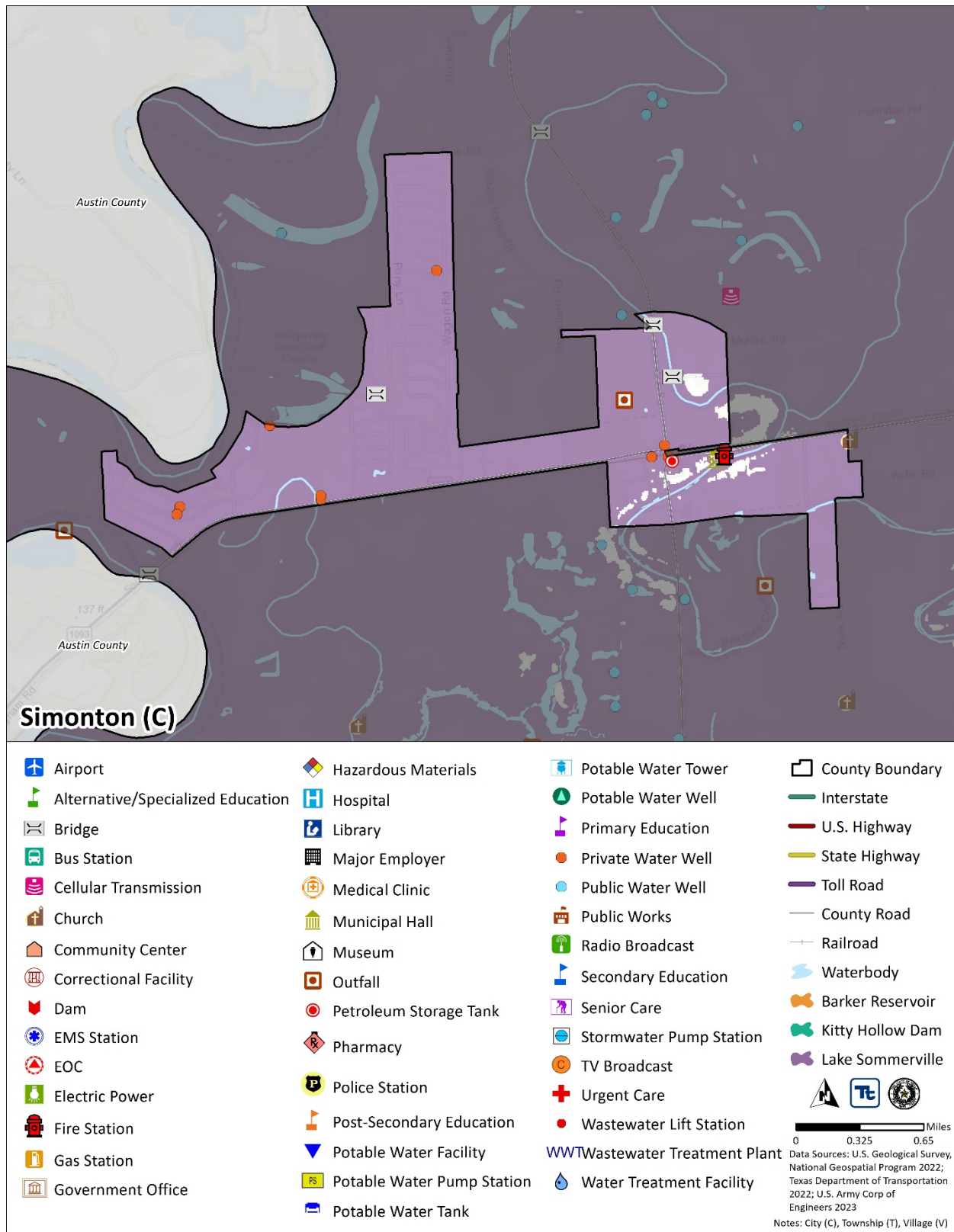




Figure 9.14-2. City of Simonton Hazard Area Extent and Location Map-Expansive Soils

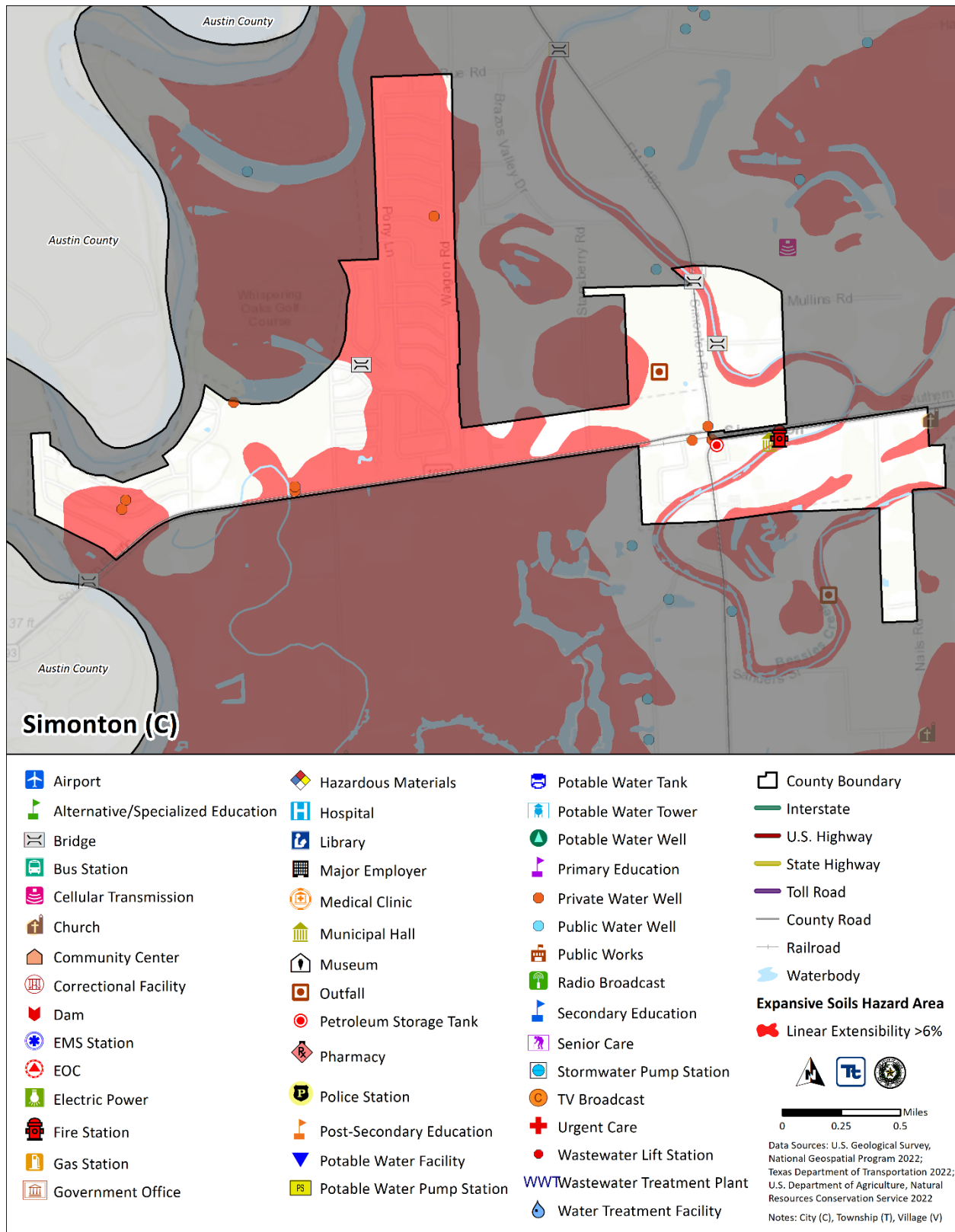




Figure 9.14-3. City of Simonton Hazard Area Extent and Location Map-Flood

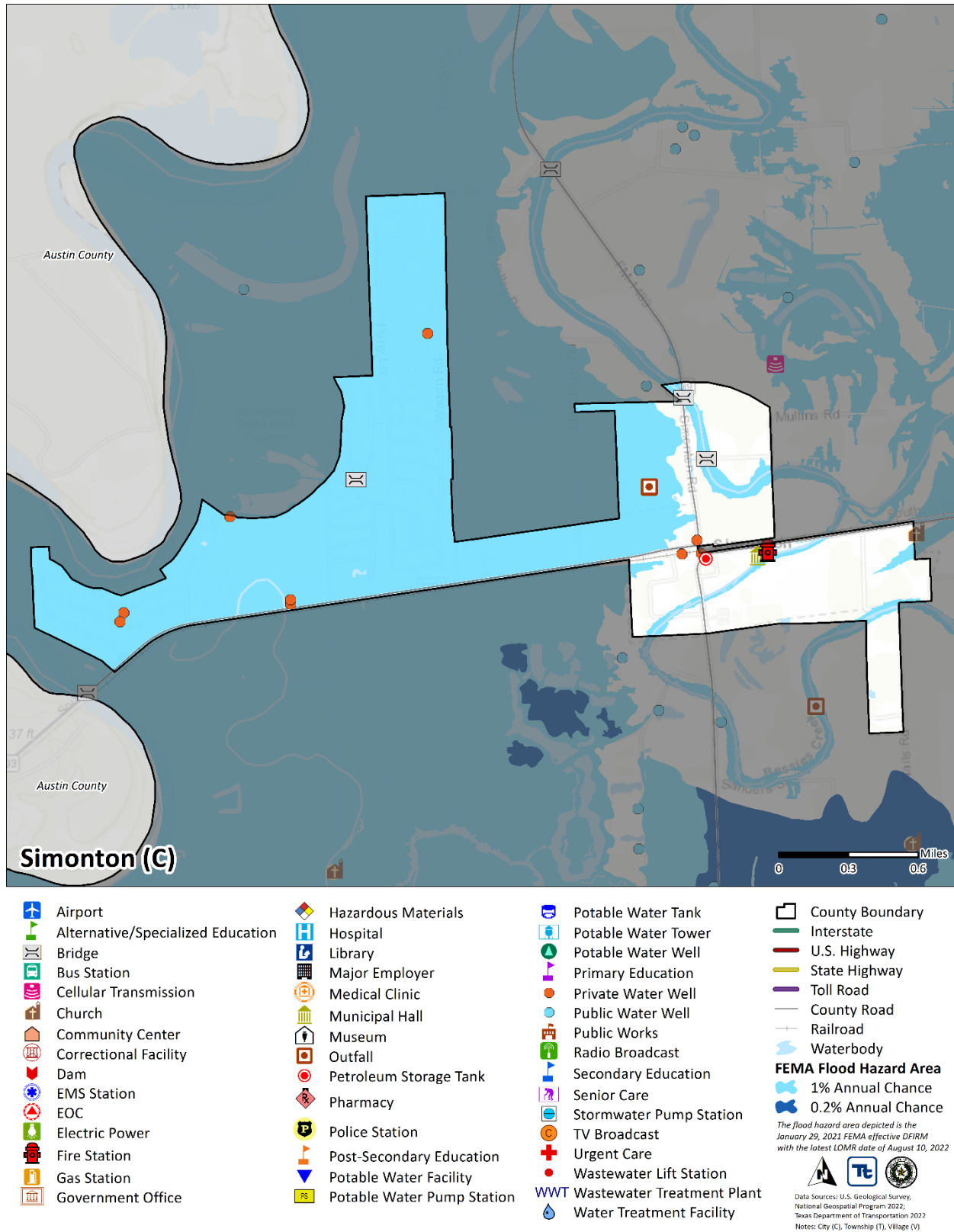




Figure 9.14-4. City of Simonton Hazard Area Extent and Location Map-Inland Erosion

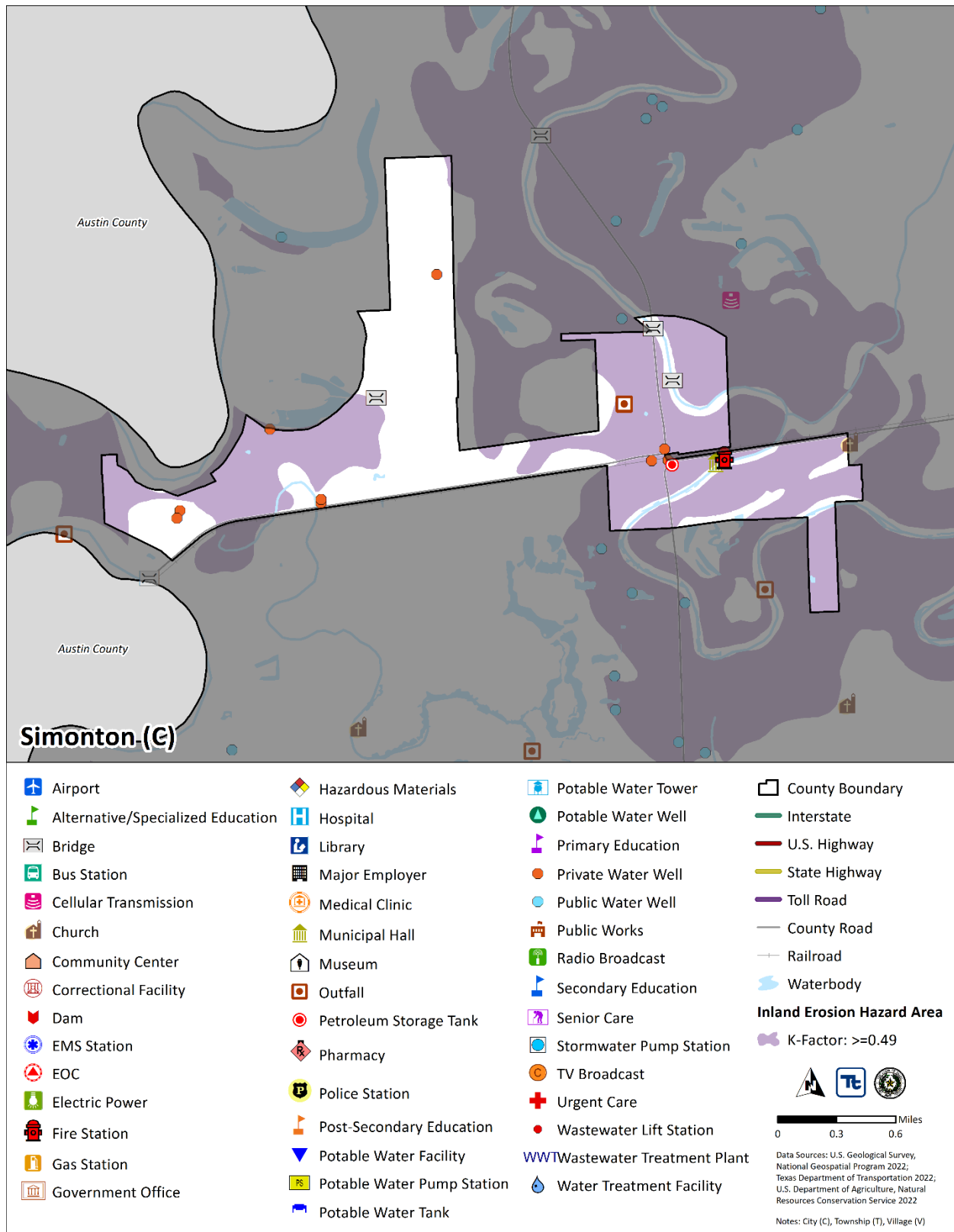
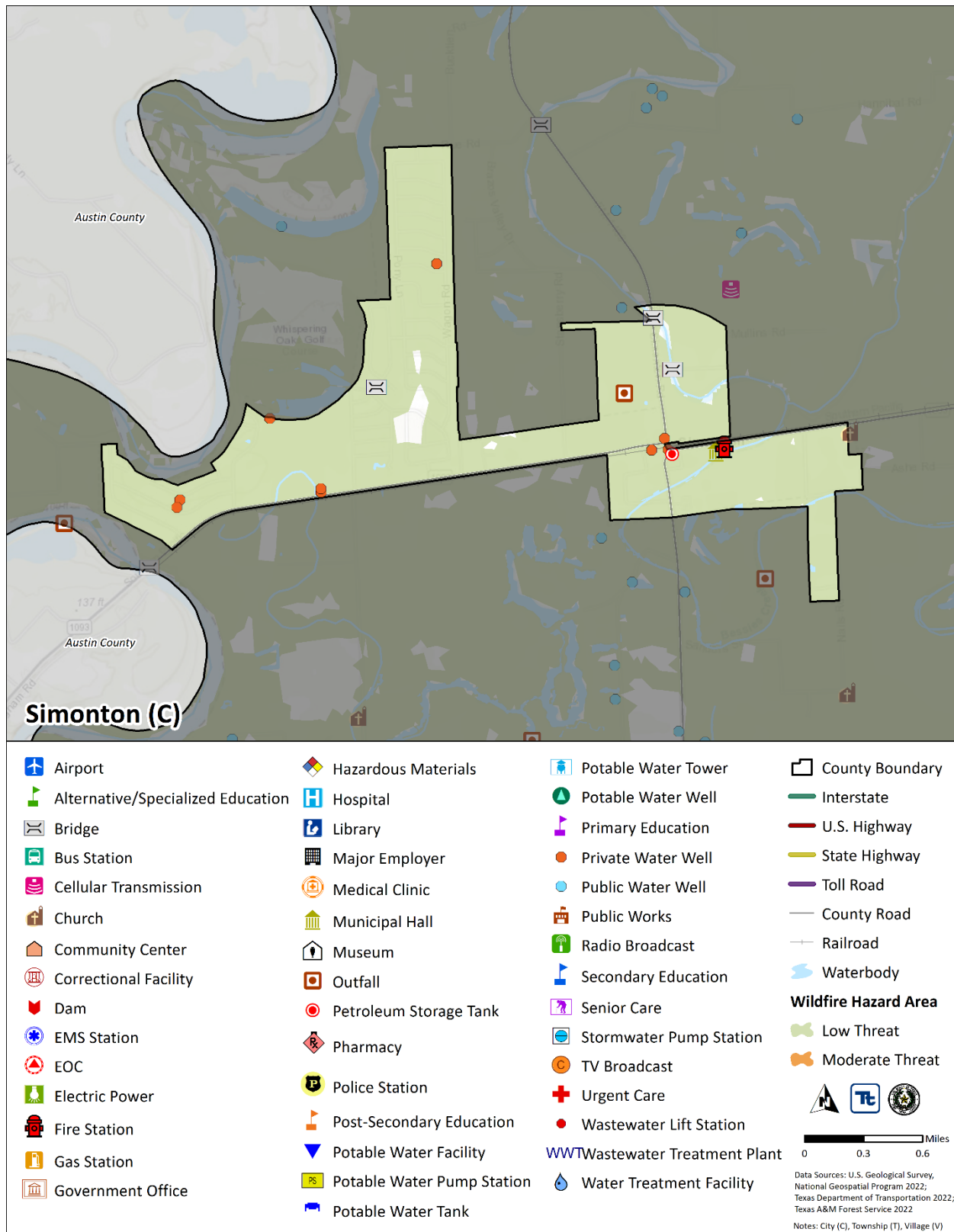
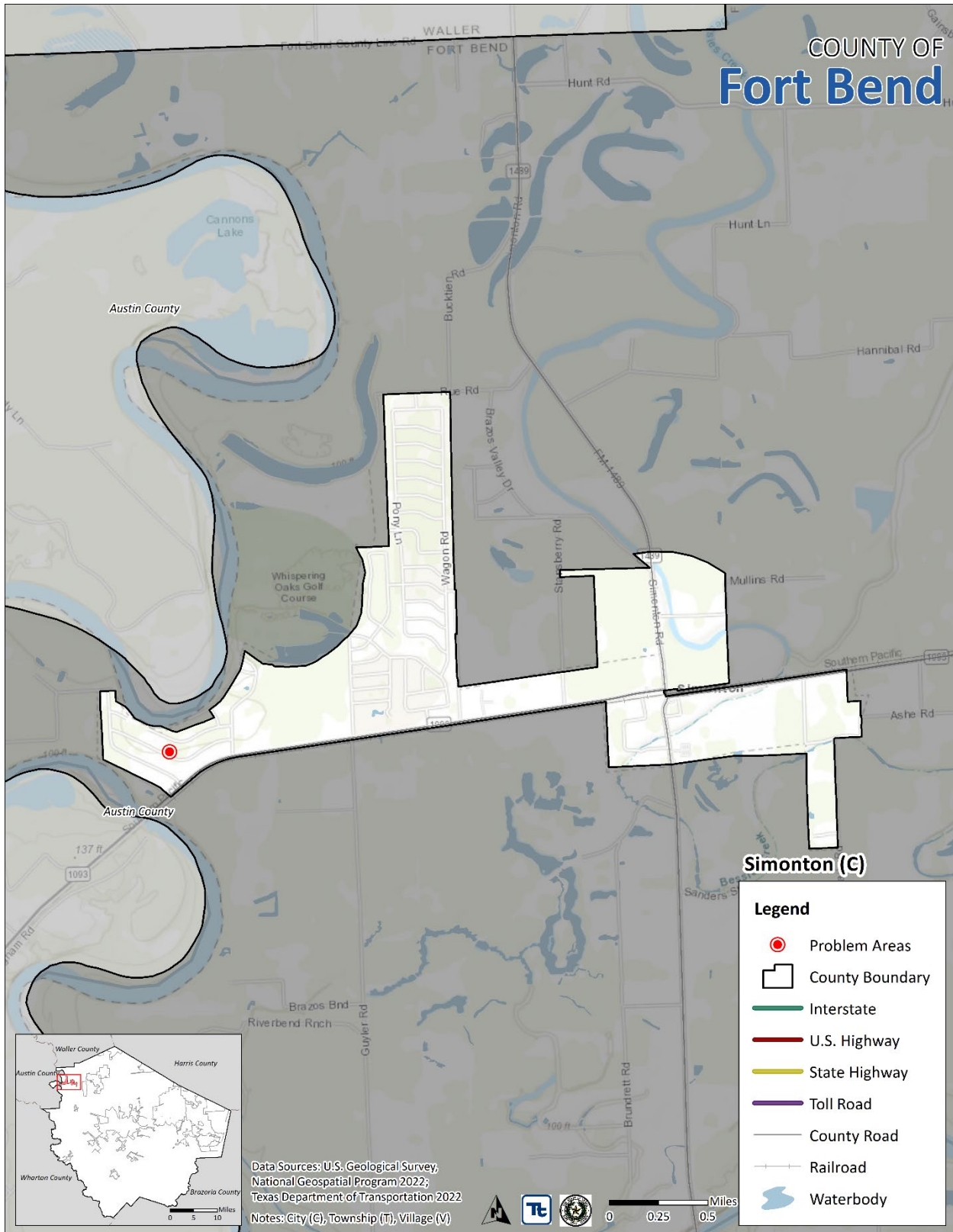




Figure 9.14-5. City of Simonton Hazard Area Extent and Location Map-Wildfire







Hazard Event History

Fort Bend County has a history of natural and non-natural hazard events, as detailed in Volume I, Section 4 (Risk Assessment). A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities.

The City of Simonton's history of federally declared (as presented by FEMA) and significant hazard events [as presented in NOAA-National Centers for Environmental Information (NCEI)] is consistent with that of the County. The table below provides details regarding municipal-specific loss and damages the City of Simonton experienced during hazard events since the last hazard mitigation plan update. Information provided in the table below is based on reference material or local sources.

Table 9.14-13. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
April 4, 2016	DR-4269	Yes	River Flood	\$195,000 residential
May 30, 2016	DR-4272	Yes	River Flood	\$9,200,00 residential
August 23, 2017	DR-4332	Yes	River Flood	\$12,500,000 residential
January 20, 2020 – continuing	EM-3458 – Covid-19; DR-4485 – Covid-19 Pandemic	Yes	Covid-19 pandemic	The City was subject to closures and masking/social distancing requirements.
July 25-31, 2020	EM-3530 – Hurricane Hanna	Yes	Hurricane-force winds resulted in significant number of downed trees and utility lines.	Minor damage, tree limbs.
August 23-27, 2020	EM-3540 – Tropical Storms Marco and Laura	Yes	Fort Bend County activated their emergency operations center as fringe impacts of Tropical Storms Marco and Laura impacted the County.	Minor damage, tree limbs.
September 12-18, 2021	EM-3572 Hurricane Nicholas	No	Hurricane Nicholas produced several hours of tropical storm-force sustained winds and gusts. There were numerous power outages and minor to moderate damage to some structures and roofs. Trees down in areas.	Minor wind damage, down fences and trees and limbs and minor power outages.
February 11-21, 2021	DR-4586; EM 3554 – Severe Winter Storms	Yes	Winter Storm Uri distributed a record amount of snow throughout Texas. Snow, ice, and ultra-low temperatures caused widespread road closures.	Moderate infrastructure damage, moderate damage to citizen's homes. Main damage was damage to pipes. Estimated damage over \$500K.
January 20, 2020 – continuing	EM-3458 – Covid-19; DR-4485 – Covid-19 Pandemic	Yes	Covid-19 pandemic	The City was subject to closures and masking/social distancing requirements.

Source: FEMA 2023; NOAA 2023

Hazard Ranking and Vulnerabilities

The hazard profiles in Volume 1, Section 4 (Risk Assessment) have detailed information regarding each plan participant's vulnerability to the identified hazards. The following summarizes the City of Simonton's risk assessment results and data used to determine the hazard ranking.



Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts, and the results of the risk assessment as presented in Volume 1, Section 4 (Risk Assessment). The ranking process involves an assessment of the likelihood of occurrence for each hazard; the potential impacts of the hazard on people, property, and the economy; and community capabilities to address the hazard and changing future climate conditions. Mitigation action development uses the inputs from the evaluation to target those hazards with highest level of concern.

As discussed in Volume 1, Section 4.4 (Hazard Ranking), each participating jurisdiction has differing degrees of risk exposure and vulnerability compared with the County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the City of Simonton. The City of Simonton reviewed the County hazard risk/vulnerability risk ranking table and individual results to reflect the relative risk of the hazards of concern to the community.

Table 9.14-14. Hazard Ranking Input

Hazard	Hazard Ranking
Dam/Levee Failure	Low
Disease Outbreak	Low
Drought	Medium
Extreme Temperature	Medium
Flood	High
Geologic	High
Hurricane/Tropical Storm	Medium
Severe Weather	High
Tornado	Medium
Wildfire	Low
Winter Weather	Low

Critical Facilities

The table below identifies the number of critical facilities and community lifelines in the community located in hazard areas. The community reviewed the list of facilities and lifelines to determine appropriate mitigation measures for the facilities, where appropriate. Refer to Section 4.3 (Hazard Profiles) for details on the risk assessment and the facilities and lifelines exposed to each hazard of concern.



Table 9.14-15. Potential Flood Losses to Critical Facilities

Jurisdiction	1-Percent Annual Chance Flood Event Hazard Area		Wildfire Hazard Area – Moderate Risk		Inland Erosion (K-Factor: ≥ 0.49) Hazard Area		Expansive Soils (Linear Extensibility $>6\%$) Hazard Area		Dam Inundation Hazard Area - Barker Reservoir Dam Inundation Area		Dam Inundation Hazard Area - Lake Sommerville Dam Inundation Area		Dam Inundation Hazard Area - Kitty Hollow Dam Inundation Area	
	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines
Simonton (C)	10	10	0	0	9	9	8	8	0	0	14	14	0	0

Source: Fort Bend County; Hazus v5.1; FEMA 2022; Fort Bend Drainage District 2023



Identified Issues

After review of the City of Simonton’s hazard event history, hazard rankings, jurisdiction specific vulnerabilities, hazard area extent and location, and current capabilities, the City of Simonton identified the following vulnerabilities within their community:

- The City of Simonton does not have a public water supply and operates only on private water wells.
- The City of Simonton does not have available space for warming and cooling centers to properly house residents during winter storm and extreme temperature events.
- Residents in the City are unaware of how to properly prepare for severe weather events including what to do during and after an event.
- The Valley Lodge Subdivision within the City of Simonton is susceptible to flooding from the Brazos River from storm events greater than the 50-year storm.
- The Valley Lodge Subdivision within the City of Simonton is susceptible to flooding from the Brazos River from storm events greater than the 50-year storm.
- The City’s roadway infrastructure is dominantly asphalt and gravel with roadside ditches. These roadways flood during storm events and cause standing water to remain on the roads for extended periods of time.
- The majority of residential portions of the City are within the Special Flood Hazard Area.
- The City residential portions are in the Special Flood Hazard Area. Many of the residents are not aware of the flood risk outside the FEMA FIRMs.
- During major flood events the Brazos River rate of erosion increased threatening existing homes and roadways.
- The City of Simonton does not have designated safe rooms for severe storms and tornado events.
- The City of Simonton does not experience frequent tornadoes, resulting in lack of awareness to the risks and how to prepare and react to tornadoes.
- The City does not currently participate in the Firewise Program.
- The City of Simonton does not have a debris clearing maintenance resulting in downed trees and vegetation in rivers, streams post-hazard event.

**This issue was identified as a specific area of concern based on resident response to the Fort Bend County Hazard Mitigation public survey.*

9.14.7 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritizes actions to address over the next five years.

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2018 HMP. Actions that are in progress are carried forward and combined with new actions as part of this plan update and are included in the tables with prioritization. Previous actions that are now ongoing programs and capabilities are indicated as such and previously presented in the Capability Assessment earlier in this annex.



Table 9.14-16. Status of Previous Mitigation Actions

Project	Responsible Party	What is the status? (e.g., In Progress, No Progress, Ongoing Capability, or Completed) If in progress or completed, please describe the funding source, cost, and who is implementing.	If you did not complete the action, should the action be included in the 2023 HMP (i.e., there is still a need, this is still a priority)?		
			Yes/No	If Yes, please describe the original problem (i.e., hazard, location, historic losses)	If Yes, identify the responsible department/person to implement the project.
Enhance Emergency Operations	City of Simonton Emergency Operations Coordinator	Completed. Emergency Operations Committee Created in 2014	No		
Establish and Man a Point of Distributions for Emergencies	City of Simonton and FBCOEM	Complete. Simonton Community Church is the POD and EOC volunteers will man it.	No		
Construct Flood Gates	City of Simonton Emergency Operations Coordinator	Completed. Grant Money was used to pay for project. City utilizes gates at necessary	No		
Promote Flood Insurance	City of Simonton Emergency Operations Coordinator	In Progress	Yes	Property owner continuing education	Website
Initiate Participation in the Community Rating System	City of Simonton Emergency Operations Coordinator	No progress	No		
Increase Public Awareness of Hazard Mitigation	City of Simonton Emergency Operations Coordinator	In Progress	Yes	City is always looking for new grants to help residents mitigate loss	City Staff
Evacuation Plans	City of Simonton Emergency Operations Coordinator	Complete We utilize the county/region evacuation routes. Residents are given evacuation instructions prior to event.	No		
Wildfire Hazard Areas Study	City of Simonton Emergency Operations Coordinator	No progress	No		
Monitor Drought Conditions	City of Simonton Emergency Operations Coordinator	In progress	Yes	Ongoing concern over drought and how it affects our heavily treed residential areas	City Staff



Project	Responsible Party	What is the status? (e.g., In Progress, No Progress, Ongoing Capability, or Completed) If in progress or completed, please describe the funding source, cost, and who is implementing.	If you did not complete the action, should the action be included in the 2023 HMP (i.e., there is still a need, this is still a priority)?		
			Yes/No	If Yes, please describe the original problem (i.e., hazard, location, historic losses)	If Yes, identify the responsible department/person to implement the project.
Public Information Campaigns	City of Simonton Emergency Operations Coordinator	In Progress Always working on educating the public through social media and community outreach	Yes	Education the residents of a city that sits on the river is always a priority	
Evaluate Excess Heat Risks	City of Simonton Emergency Operations Coordinator	Complete. Work with the County to make sure information is spread about staying cool and available cooling centers for the elderly/low income	No		
Address High Risk Populations	City of Simonton Emergency Operations Coordinator	No progress	Yes	Look at vulnerable populations and make sure they are aware of services offered	
Review Plans and Resources to Address Risk Posed by Snow and Ice Hazards During Winter Storms	City of Simonton Emergency Operations Coordinator	Complete. City Hall to double as warming center as well as other County warming centers available.	No		
Various Mitigation Actions to Reduce Wildfire Risk	City of Fulshear/ Simonton Fire Department	In progress	Yes	Education property owners about clearing vegetation, wildfire fuels. And monitoring conditions	
Upgrades to At-Risk Structures and Higher Standards for New Structures	City of Simonton City Administrator	Complete. New requirements implemented in flood prevention ordinance for building	No		
Building Construction Ordinances	City of Simonton City Council	Complete. Same as above	No		

**Additional Mitigation Efforts**

In addition to the mitigation initiatives completed in the table above, the City of Simonton identified the following mitigation efforts completed since the last HMP:

- Expansion of City Hall to be able to house hoses and pumps needed for flooding conditions.
- Continued road and drainage projects throughout the City.
- Continued efforts to obtain buyouts and elevation of structures in the SFHA.

Since the adoption of the County's first HMP, the City of Simonton has made significant mitigation progress in the following areas:

- None identified

Proposed Hazard Mitigation Initiatives for the HMP Update

Fort Bend County participated in a mitigation action workshop in March 2023 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards (January 2013) and FEMA Mitigation Assistance Resource Guide for Texas (2020).

The table below indicates the range of proposed mitigation action categories. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table to further demonstrate the wide-range of activities and mitigation measures selected.

Table 9.14-17. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Dam/Levee Failure	X			X	X		X			
Disease Outbreak										
Drought			X	X	X		X			X
Extreme Temperature		X		X			X			X
Flood	X	X	X	X	X	X	X	X	X	
Geologic Hazards		X	X	X	X	X	X	X		X
Hurricane/Tropical Storm	X	X		X	X	X	X	X	X	
Severe Weather	X			X	X		X	X	X	X
Tornado	X			X			X		X	
Wildfire		X		X			X			X
Winter Weather		X		X			X			X

Note: Mitigation categories are described below the Mitigation Initiatives.



The table below summarizes the specific mitigation initiatives the City of Simonton would like to pursue in the future to reduce the effects of hazards. The initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities.

Table 9.14-18. Proposed Hazard Mitigation Initiatives

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2023-City of Simonton-001	Educate Residents on water saving techniques	Problem: The City of Simonton does not have a public water supply and operates only on private water wells. Solution: The City of Simonton Emergency Operations Coordinator will work with the City Officials to education the public on water conservation techniques.	Drought, Geological Hazards	1, 2	1 to 2 years	City of Simonton, City of Simonton Emergency Operations Coordinator	City Budget, Local Funds	Reduce unnecessary water use and reduce the risk of subsidence	Staff Time	High	EAP	PI
2023-City of Simonton-002	Water Conservation Requirement	Problem: The City of Simonton does not have a public water supply and operates only on private water wells. Solution: The City of Simonton Emergency Operations Coordinator and Floodplain Administrator will monitor drought conditions by identifying local drought indicators and establishing a regular schedule to monitor and report conditions on at least a monthly basis.	Drought, Geological Hazards	2	1 to 2 years	City of Simonton Emergency operations Coordinator, Floodplain Administrator	City Budget, Local Funds	Advanced warning of potential drought conditions to help prepare residents in water conservation	\$50,000	High	NSP	PR, ES



Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2023-City of Simonton-003	Warming and Cooling Center	<p>Problem: The City of Simonton does not have available space for warming and cooling centers to properly house residents during winter storm and extreme temperature events.</p> <p>Solution: The City and City Emergency Operations Coordinator will work the Fort Bend County to identify possible locations in Western Fort Bend County for warming and cooling centers and assist the County with public communications on the locations open during extreme temperature and severe weather events.</p>	Extreme Temperature, Winter Weather	2, 4, 5	1 to 2 years	City of Simonton, City of Simonton Emergency Operations Coordinator, Fort Bend County,	City Budget, Local Funds, HMGP,	Reduce the risk of illness or loss of life	TBD	High	SIP, EAP	PI, ES
2023-City of Simonton-004	Increase Awareness of Extreme Weather Risk and Safety	<p>Problem: Residents in the City are unaware of how to properly prepare for severe weather events including what to do during and after an event.</p> <p>Solution: The City, City Emergency Operations Coordinator and Fire Departments will work with the County and American Red Cross to educate citizens regarding the dangers of extreme heat and cold conditions, winter storms and severe weather (lightning, thunderstorm, hail, wind) and the steps they can take to protect themselves prior to, during, and after an event.</p>	Extreme Temperature, Winter Weather, Severe Storm	1, 2, 4	Ongoing	City of Simonton Emergency Operations Coordinator, Fire Department, Fort Bend County, American Red Cross	City Budget, Local Funds	Reduce the risk of illness and loss of life	Staff Time	High	EAP	PI, ES



Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2023-City of Simonton-005	Buy-Out Program	<p>Problem: The Valley Lodge Subdivision within the City of Simonton is susceptible to flooding from the Brazos River from storm events great than the 50 year storm.</p> <p>Solution: The City will work with FEMA and the County to establish a buy-out program that will remove structures from the 500 year flood hazard area.</p>	Flood, Hurricane/Tropical Storm	2,3,4	Ongoing	City of Simonton, FEMA, Local Residents, Fort Bend County	HMGP, FMA, BRIC, City Budget	Reduce the flood risk for structures within the City and reduce future flood damages.	High	High	SIP	PP, SP
2023-City of Simonton-006	Elevate Structures	<p>Problem: The Valley Lodge Subdivision within the City of Simonton is susceptible to flooding from the Brazos River from storm events great than the 50 year storm.</p> <p>Solution: The City will work with the County and FEMA to elevate structures so that the lowest floor, including the basement, is raised above the base flood elevation.</p>	Flood, Hurricane/Tropical Storm	2,3,4	5 years	City of Simonton, FEMA, Fort Bend County	HMGP, FMA, BRIC,	Reduce the flood risk for structures within the City and reduce future flood damages.	TBD	High	SIP	PP
2023-City of Simonton-007	Drainage Capital Improvement Plan	<p>Problem: The City's roadway infrastructure is dominantly asphalt and gravel with roadside ditches. These roadways flood during storm events and cause standing water to remain on the roads for extended periods of time.</p> <p>Solution: The City will work with the City Emergency Management Coordinator to develop a drainage improvement plan to establish proper drainage procedure throughout the City.</p>	Flood, Hurricane/Tropical Storm	2,3,5	5 years	City of Simonton, City of Simonton Emergency Operations Coordinator, Fort Bend County	HMGP, FMA, BRIC	Reduce the flood risk for structures within the City and reduce future flood damages.	\$5,000,000	High	LPR	PP,NR



Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2023-City of Simonton-008	Increase Flood Risk Awareness	Problem: The majority of residential portions of the City are within the Special Flood Hazard Area. Solution: The City will work to create an online campaign to educate its residents on flood risk, how to prepare for flood events, and the necessary steps to take during and after a flood event. This includes encouraging the purchase of flood insurance and establishing an online resource center for preparedness activities.	Dam/Levee Failure, Flood, Hurricane/Tropical Storm	1, 2	1 to 4 years	City of Simonton	HMGP, FMA, City Budget	Increase residents knowledge of flood preparedness and response time to flood events. Reduce the risk to the general public health.	Staff Time	High	EAP	PI
2023-City of Simonton-009	Incorporate Flood Mitigation in Local Planning	Problem: The City residential portions are in the Special Flood Hazard Area. Many of the residents are not aware of the flood risk outside the FEMA FIRMs. Solution: The City of Simonton will incorporate critical flood elevation review into the Floodplain Management Plan to provide assistance when responding to flood events, including public notifications before a flood events and evacuation instructions.	Dam/Levee Failure, Flood, Hurricane/Tropical Storm	1,2	1 to 2 years	City of Simonton	HMGP, CDBG, City Budget	Increase the time frame residents have to respond to flood events which reduced public health risks.	Local Funds	High	LPR	PR
2023-City of Simonton-010	Brazos River Erosion Monitoring	Problem: During major flood events the Brazos River rate of erosion increased threatening existing homes and roadways. Solution: The City of Simonton will work with Fort Bend County to review the erosion risks through the use of GIS mapping to identify and map high erosion hazard areas on Brazos River.	Geologic Hazards, Flood	3, 4	5 years	City of Simonton, Fort Bend County	HMGP, BRIC, FMA	Reduce the risk of major bank erosion resulting in roadway or structural damages.	\$8,000,000,000	High	NSP, SIP	PP, NR



Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2023-City of Simonton-011	Safe Rooms	<p>Problem: The City of Simonton does not have designated safe rooms for severe storms and tornado events</p> <p>Solution: The City will work with Fort Bend County to locate safe rooms inside or directly adjacent to residential, commercial, and industrial structures to take shelter in the event of a severe storm or tornado.</p>	Severe Storm, Tornado	1,2	1 to 3 years	City of Simonton, Fort Bend County	City Budget	Reduce potential loss of life	TBD	Medium	LPR, EAP	PR,SP
2023-City of Simonton-012	Tornado and Severe Storm Awareness	<p>Problem: The City of Simonton does not experience frequent tornadoes, resulting in lack of awareness to the risks and how to prepare and react to tornadoes.</p> <p>Solution: The City will work with the City Emergency Operations Coordinator to educate citizens on the potential risks and how to prepare for tornado events.</p>	Severe Storm, Tornado	1	1 to 2 years	City of Simonton, City Emergency Management Coordinator	City budget	Reduce potential loss of life, increase mitigation awareness	Staff Time	High	EAP	PI
2023-City of Simonton-013	Firewise Program	<p>Problem: The City does not currently participate in the Firewise Program.</p> <p>Solution: The City will work with Fort Bend County to join the Firewise Community recognition program sponsored by the National Wildlife Coordinating Group.</p>	Wildfire	1	1 to 2 years	City of Simonton, Fort Bend County	City Budget	Reduce risk of wildfire damage	Staff Time	Medium	EAP	PI



Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2023-City of Simonton-014	Debris Management Plan	<p>Problem: The City of Simonton does not have a debris clearing maintenance resulting in downed trees and vegetation in rivers, streams post-hazard event.</p> <p>Solution: The City will work with Fort Bend County Road and Bridge to develop a debris management plan to assist with debris clearing protocol.</p>	Severe Storm, Flood	1,2	1 to 2 years	City of Simonton, Fort Bend County Road and Bridge	HMGP, FMA, City Budget	Reduce risk of property loss, and loss of life	Staff Time	High	LPR	NP

*Mitigation initiative is related to a critical facility and/or community lifeline

Notes: Not all acronyms and abbreviations defined below are included in the table.

Acronyms and Abbreviations:

CRS Community Rating System

FEMA Federal Emergency Management

Agency

HMA Hazard Mitigation Assistance

N/A Not applicable

NFIP National Flood Insurance Program

Potential FEMA HMA Funding Sources:

FMA Flood Mitigation Assistance Grant Program

HMGP Hazard Mitigation Grant Program

BRIC Building Resilient Infrastructure and Communities Program

Timeline:

The time required for completion of the project upon implementation.

Cost:

The estimated cost for implementation.

Benefits:

A description of the estimated benefits, either quantitative and/or qualitative.

Mitigation Category:

- Local Plans and Regulations (LPR)—These actions include government authorities, policies, or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP)—These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures, as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP)—These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP)—These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities.

CRS Category:

- Preventative Measures (PR)—Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
- Property Protection (PP)—These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.
- Public Information (PI)—Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.
- Natural Resource Protection (NR)—Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.
- Structural Flood Control Projects (SP)—Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.
- Emergency Services (ES)—Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities.



The prioritization criteria provided in Volume 1, Section 6 (Mitigation Strategy) identify 14 evaluation/prioritization criteria to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing actions as High, Medium, or Low. The table below provides a summary of the prioritization of all proposed mitigation initiatives for the HMP update.

Table 9.14-19. Summary of Prioritization of Actions

Project Number	Project Name	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
2023-City of Simonton-001	Educate Residents on water saving techniques	1	1	1	0	1	1	1	1	1	1	1	1	1	1	13	High
2023-City of Simonton-002	Water Conservation Requirement	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2023-City of Simonton-003	Warming and Cooling Center	1	1	1	0	1	1	1	0	1	1	1	1	1	1	12	High
2023-City of Simonton-004	Increase Awareness of Extreme Weather Risk and Safety	1	1	1	0	1	1	1	0	1	1	1	1	1	1	12	High
2023-City of Simonton-005	Buy-Out Program	1	1	0	1	1	1	1	1	1	1	1	1	1	1	13	High
2023-City of Simonton-006	Elevate Structures	1	1	1	1	1	1	1	1	1	1	1	0	1	1	13	High
2023-City of Simonton-007	Drainage Capital Improvement Plan	1	1	1	1	1	1	0	1	1	1	1	1	1	1	13	High
2023-City of Simonton-008	Increase Flood Risk Awareness	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2023-City of Simonton-009	Incorporate Flood Mitigation in Local Planning	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High



Project Number	Project Name	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
2023-City of Simonton-010	Brazos River Erosion Monitoring	1	1	0	1	1	1	1	1	1	1	1	1	1	1	13	High
2023-City of Simonton-011	Safe Rooms	1	0	1	1	0	0	1	0	1	0	1	1	0	1	8	Medium
2023-City of Simonton-012	Tornado and Severe Storm Awareness	1	1	1	0	0	0	1	0	1	0	1	1	1	0	9	High
2023-City of Simonton-013	Firewise Program	1	0	1	1	0	0	0	1	1	0	0	1	0	0	6	Medium
2023-City of Simonton-014	Debris Management Plan	1	1	1	1	0	1	1	1	1	1	1	1	1	1	13	High

Note: Volume 1, Section 6 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).