

Appendix B

Planning Process

Action Worksheet	
Name of Jurisdiction:	Laclede County
Risk / Vulnerability	
Problem being Mitigated:	Approximately four times each year over the past 10 years there has been significant investment by Laclede County to continually repair 17 of the low water crossings that are critical to the safety of the residents of Laclede County
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	1.1.2 Laclede County Low Water Crossings Repair, Replacement and Potential Improvements
Name of Action or Project:	Low Water Crossing Improvements
Action or Project Description:	Prioritize and systematically repair 17 low water crossings with improved crossings to avoid future incidents where the low water crossings are damaged lives are endangered and the area becomes impassable during flooding events.
Applicable Goal Statement:	Mitigate the effects of potential natural hazards in Laclede County to protect lives and assets
Estimated Cost:	\$150,000 to \$350,000 per each low water crossing upgraded
Benefits:	Safety of residents and motorists during flooding events
Plan for Implementation	
Responsible Organization/Department:	Laclede County Road and Bridge
Action/Project Priority:	STAPLEE 11 MEDIUM
Timeline for Completion:	5-10 years
Potential Fund Sources:	Pre-disaster mitigation funding and county road and bridge funds when available.
Local Planning Mechanisms to be Used in Implementation, if any:	County Road and Bridge Priorities- Annual Budget Process
Progress Report	
Action Status	Updated
Report of Progress	

Action Worksheet	
Name of Jurisdiction:	Laclede County
Risk / Vulnerability	
Problem Being Mitigated:	Potential Flooding and Access to Flood Insurance
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	2.1.6 Laclede County
Name of Action or Project:	National Flood Insurance Program (NFIP)
Action or Project Description:	Continue to enforce floodplain management regulation in accordance with the NFIP and comply with the requirements of the program
Applicable Goal Statement:	Reduce the potential impact of natural disasters to property, infrastructure, and the local economy through cost-effective and tangible mitigation projects whenever financially feasible
Estimated Cost:	\$0-\$1,000
Benefits:	Allowing our residents access to flood insurance is an important way for us to provide security to our county residents. Not allowing them to build in a floodplain or floodway is also a preventative measure to ensure the safety of our county residents.
Plan for Implementation	
Responsible Organization/Department:	Laclede County Floodplain Manager
Action/Project Priority:	STAPLEE 11 MEDIUM
Timeline for Completion:	On-going
Potential Fund Sources:	Part of the County Annual Budget
Local Planning Mechanisms to be Used in Implementation:	Floodplain Management
Progress Report	
Action Status	Continuing
Report of Progress	The Laclede County Floodplain Manager has continued to do the necessary actions needed to maintain the NFIP within the county

Multi-Jurisdictional Hazard Mitigation Plan

Data Collection Questionnaire

For Small Local Governments

County: LACLEDE

Jurisdiction: CITY OF LEBANON

Return by: July 19, 2023

Please complete this data collection questionnaire as accurately and completely as possible as this information will appear in the mitigation plan. A data collection questionnaire must be completed for each "jurisdiction" that wishes to be included in the plan. According to FEMA's definition a jurisdiction is any local government, including counties, municipalities, cities, towns, school districts, special districts, councils of government, and tribal organizations. Any of these entities as well as publicly funded colleges and universities that do not participate in the planning process **will not** be eligible applicants for FEMA mitigation funding programs. Please note: School Districts and other Educational Institutions should complete the Data Collection Questionnaire indicated "For School Districts and Educational Institutions".

Prepared by: FIRE CHIEF SAM SCHNEIDER

Phone: 417-991-3960

Email: lebanonfirechief@lebanonmo.org

Date: 6-22-2023

Please return questionnaires by mail, email, or fax to:

Name: Kyle Elliott _____

Address: 985 E. Hwy 54
P.O. Box 3553
Camdenton, MO 65020 _____

Email: kyle.elliott@loclg.org _____

Fax: 573-346-9686 _____

CAPABILITY ASSESSMENT & INCORPORATION OF EXISTING PLANS, STUDIES, REPORTS AND TECHNICAL INFORMATION

The purpose of this section is to collect information to document existing capabilities as well as determine existing plans, studies, reports, and technical information that may need to be incorporated in the mitigation plan. Although some of this information may have been captured in your previous mitigation plan, it is important to ensure this information is current in the plan update

Please indicate which of the following your jurisdiction has in place. For elements that do not pertain to your type of public entity, please indicate with "N/A". If applicable, please provide a completion date for the element. If your jurisdiction does not have a particular element, and a higher level of government has the authority pertaining to your jurisdiction, please indicate this in the comments column. If your jurisdiction has any of the **underlined and bolded** elements, please provide a copy of the document to the contact listed on the front and indicate method in the comments column (i.e. available on the web, will email or mail).

Element	Yes/No/N/A	Comments and/or Weblink
Planning Capabilities		
Comprehensive or Land-Use Plan	YES	Date: 2005
Capital Improvement Plan	YES	Date: ACTIVE, UPDATED, 2023
Transportation Plan / Highway Department	YES	Date: 2018
Emergency Operations Plan	YES	Date:
Local Recovery Plan		Date:
Debris Management Plan		Date:
Firewise or other fire mitigation plan	YES	Date: 2011, UPDATED 2014
Economic Development Plan		Date:
Policies/Ordinance		
Zoning Ordinance	YES	2005 ORD#3197, 1985
Building Code	YES	Version: 2006 IBC, IFC
Floodplain Ordinance	YES	Date: 1988 ORD.#3288
Drainage/Stormwater Ordinance	YES	
Site Plan Review Requirements	YES	CODE REQUIRES
Historic Preservation Ordinance	NO	

Element	Yes, No, N/A	Comments and/or Weblink
Program		
National Flood Insurance Program (NFIP)	YES	
NFIP Community Rating System (CRS) program	NO	If so, what is your current level rating?
National Weather Service (NWS) Storm Ready Certification	NO	
Firewise Community Certification	YES	
Building Code Effectiveness Grading (BCEGs)		
ISO Fire Rating	Rating: 4	
Public Education or information programs (i.e., responsible water use, fire safety, household preparedness, or environmental education)	YES	
Mutual Aid Agreements	YES	FIRE & Police: Public Works
Studies/Reports/Maps		
Critical Facilities Inventory		
Vulnerable Population Inventory		
Staff/Department		Full Time or Part Time?
Building Code Official / Building Inspector	JOE BERKICH	
Engineer	OLSON Comp.	
Development Planner		
NFIP Floodplain Administrator	RICHARD SHOCKLEY	
Mapping Specialist (GIS)	YES	ACTIVE
Public Works Official	RICHARD SHOCKLEY	
Emergency Management Coordinator	MIKE SCHUMACHER	
Local Emergency Planning Committee	SAM SCHNEIDER	
Sanitation Department		
Highway/Transportation Department		
Economic Development Department	YES	REDI - BRIAN THOMPSON
Housing Department		
Historic Preservation		

Element	Yes, No, N/A	Comments and/or Weblink
Non-Governmental Organizations (NGOs)	Is there a local chapter? Yes or No	
American Red Cross	YES	
Salvation Army	YES	
Veterans Groups	YES	SOP
Local Environmental Organization		
Homeowner Associations	YES	
Neighborhood Associations		
Chamber of Commerce	YES	
Community Organizations (Lions, Kiwanis, etc.)	YES	
Financial Resources	Is your jurisdiction able to? Yes or No	
Apply for Community Development Block Grants	YES	
Fund projects thru Capital Improvements funding	YES	
Authority to levy taxes for specific purposes	YES	
Fees for water, sewer, gas, or electric services	YES	
Impact fees for new development	YES	
Incur debt through general obligation bonds	YES	
Incur debt through special tax bonds	YES	
Incur debt through private activities		
Withhold spending in hazard prone areas		

For plan updates, the plan maintenance process outlined in your previous plan requires all participating jurisdictions to incorporate the requirements of the mitigation plan into other planning mechanisms, when appropriate. A key element of effective implementation of mitigation is for the mitigation plan to be incorporated in existing authorities, policies, programs, and resources. Next to each applicable planning mechanism, indicate how your jurisdiction incorporated the previous mitigation plan. If no incorporation has occurred, please explain, including background information detailing any challenges preventing incorporation.

Planning Capabilities	Method of Incorporation Since Previous Plan or Challenges Preventing Incorporation
Comprehensive or Land-Use Plan	
Capital Improvement Plan	PLAN IS TIED TO COUNCIL GOALS ADOPTED EACH YEAR AND INCLUDED IN DECISIONS
Transportation Plan / Highway Department	YES MASTER STREET PLAN
Emergency Operations Plan	LAKE COUNTY EOP
Local Recovery Plan	NO
Debris Management Plan	NO
Firewise or other fire mitigation plan	FIREWISE
Economic Development Plan	

Additional Questions

1. How is your government structure organized? (Commission, Mayor/City Council, how many members)

Mayor / Council → City Administrator
9 on Council including Mayor.

2. List any other past or ongoing projects or programs designed to reduce disaster losses, these may include projects to protect critical facilities. Be sure to include pending or approved projects submitted for FEMA mitigation grants.

Storm water control projects are on-going.

3. Describe any hazard-related concerns or issues regarding the vulnerability of special needs populations, such as the elderly, disabled, low-income, or migrant farm workers.

NO DATA OR INFORMATION

4. How many outdoor warning sirens are in your community?

12

How are they activated (indicate responsible department/personnel)?

By radio signal. They can be activated by Lebanon Police Dept or Laclede County OEM.

5. Does your community utilize any other warning systems such as Cable Override, Reverse 911, etc? If so, please describe.

NIXIE- Cellular phone notification Systems

6. Does your community have designated public tornado shelters/saferooms? If so, are they constructed in accordance with FEMA standards? YES. YES.

Please provide address locations:

901 Maple Lane - Only after school hours, weekends, summers
2500 Berry Pride Lane - Only after school hours, weekend, summers.
695 Millcreek - Currently under construction

7. Identify residential, commercial and industrial development in your jurisdiction since last plan update.

Nearly 100 structures including Resid., Indust, & Comm have been built.

8. Describe development trends and expected growth areas. Is any new development expected to occur in the 100-year floodplain? Is any new development expected to occur in any other known hazard areas? If possible, please provide a map indicating potential/planned growth areas.

NONE EXPECTED

9. Are any new facilities or infrastructure planned for construction during the next five years? If so, please provide facility name and purpose along with proposed locations, if known.

10. Please list major employers in your jurisdiction with an estimated number of employees.

TRACKER MARINE - 1150

Missouri Cooperaage 550

Copeland - 825

Lebanon R3 School District 667

Mercy Hospital - 661

11. Please list Mitigation Planning Committee members who served during the development of the previously approved plan. Was the process set forth for monitoring the implementation of the previously approved mitigation plan adhered to? Did the Committee meet as was specified in the previously approved plan? Why or why not?

SAM SCHNEIDER - FIRE CHIEF

NO

NO

MITIGATION OF HAZARDS ARE ADDRESSED DURING PLANNING OF ALL PROJECTS, AS THEY ARE IDENTIFIED. STORMWATER WAS ADDRESSED WITH NEW SPECIFIC SALES TAX REVENUE.

12. Describe your jurisdiction's participation in the NFIP. Include information about how compliance with the NFIP is enforced locally.

SAME AS LAST YEAR.

VULNERABILITY ASSESSMENT

The purpose of this worksheet is to assess the vulnerable buildings, populations, critical facilities, infrastructure, and other important assets in your community by using the best available data to complete the table. Use the table on the next page to compile a detailed inventory of specific assets at risk including critical facilities and infrastructure; natural, cultural, and historical assets; and economic assets. In the natural hazard column of the asset inventory table, indicate (by assigned abbreviation) which of the following hazards the asset is vulnerable to:

Natural Hazards	
Flooding (Major & Flash) - RF	Drought - D
Levee Failure - LF	Extreme Temperature - ET
Dam Failure - DF	Severe Thunderstorm (incl. winds, hail, lightning) - ST
Earthquake - EQ	Severe Winter Weather (incl. snow, ice, severe cold) - SWW
Land Subsidence / Sinkholes - LSS	Tornadoes - T
Drought - D	Wildfire - WF

Critical Facilities and Infrastructure

A critical facility may be defined as one that is essential in providing utility or direction either during the response to an emergency or during the recovery operation. FEMA's HAZUS-MH loss estimation software uses the following three categories of critical assets. 'Essential facilities' are those that if damaged would have devastating impacts on disaster response and/or recovery. 'High potential loss facilities' are those that would have a high loss or impact on the community. Transportation and lifeline facilities are third category of critical assets; examples are provided below.

Essential Facilities

Hospitals and other medical facilities
Police stations
Fire station
Emergency Operations Centers

High Potential Loss Facilities

Power plants
Dams/levees
Military installations
Hazardous material sites
Schools
Shelters
Day care centers
Nursing homes
Main government buildings

Transportation and Lifeline

Highways, bridges, and tunnels
Railroads and facilities
Bus facilities
Airports
Water treatment facilities
Natural gas facilities and pipelines
Oil facilities and pipelines
Communications facilities

Economic Assets

Economic assets at risk may include major employers or primary economic sectors, such as agriculture, whose losses or inoperability would have severe impacts on the community and its ability to recover from disaster.

Asset Inventory

Please list critical facilities and other community assets, the square feet, values, and occupancy/capacity. If not applicable, enter "N/A". In the last column, use the codes from the previous page to indicate hazards to which the asset is vulnerable. Add as many rows as needed. If this information is available in GIS format, please provide.

Critical Facilities

Name of Asset	Address	Area (sq. ft.)	Replacement Value (Insured) (\$)	Contents Value (\$)	Occupancy/ Capacity (#)	Natural Hazards
<u>Essential Facilities such as hospitals and other medical facilities, police and fire stations, Emergency Operations Centers</u>						
MERCY HOSPITAL	100 HOSPITAL DRIVE					E, T, ST
LEBANON PD/CITY HALL	401 S. JEFFERSON					E, T, ST,
LEBANON FIRE STA. 1	370 N. ADAMS	19,000				"
STA. 2	2071 S. JEFFERSON	5,000				"
STA. 3	1300 IVEY LAKE	19,000				"
LACLEDE COMMUNITY 911	240 N. ADAMS					"
LACLEDE " OGM	184 N. ADAMS					"
JORDAN VALLEY HEALTH	800 LYNN					"
LAKE REGIONAL CLINIC	755 COWAN DR.					"

Name of Asset	Address	Area (sq.ft.)	Replacement Value (Insured) (\$)	Contents Value (\$)	Occupancy/ Capacity (#)	Natural Hazards
High Potential Loss Facilities such as power plants, dams/levees, military installations, hazardous materials sites, shelters, day care centers, nursing homes, main government buildings (Do not include schools—they will be reported by the school districts)						
ANNA HOUSE	25466 Hwy 5 NORTH					EQ, T, ST
NORTHBRIDGE PLACE	1500 LYNN					"
CEDARHURST	842 LYNN					"
LEBANON NORTH NURSING	596 MORTON RD					"
" SOUTH NURSING	514 W. FREMONT					"
ESSEX	1316 DEADRA					"
LACLEDE COUNTY COURTHOUSE	200 N. ADAM					"
NATIONAL GUARD ARMORY	301 W. FREMONT					"
Transportation and Lifelines such as highways, bridges, and tunnels; railroads and facilities, bus facilities, airports, water treatment facilities, natural gas facilities and pipelines, oil facilities, oil facilities and pipelines, communications facilities						
F-44 OVERPASSES						EQ, T
						"
						"
						"

*If replacement cost data is not available, use the best available data (assessed valuation or other method for estimating cost) and explain any data deficiencies.

Economic Assets (Major Employers, etc)

Asset	Address	Product/ Service	Value (if known)	Number of Employees	Hazards

HISTORIC HAZARD EVENTS

Please fill out the sheet on the next page for each significant hazard event that affected **Your Jurisdiction**. Make as many copies as necessary to record all events and complete with as much detail as possible. This includes all events associated with the hazards listed below that have caused previous damage in your jurisdiction. It is especially important to capture events that either were not included in the previous Hazard Mitigation Plan or occurred since the plan was completed. Attach supporting documentation, photocopies of newspaper articles, or other original sources.

Jurisdiction	CITY OF LEBANON
Type of event	ICE STORM
Nature and magnitude of event	
Location	THROUGHOUT CITY
Date of event	THROUGHOUT CITY JANUARY 2007
Injuries	
Deaths	
Property damage	
Infrastructure damage	ELECTRIC SYSTEM, POLES, METERS
Crop damage	
Business/economic impacts	
Road/school/other closures	ROADS, SCHOOLS,
Other damage	
Insured losses	
Federal/state disaster relief funding	FEMA DISASTER
Source of information	
Comments	3000-4000 HOMES WITHOUT POWER BUSINESSES ALSO WITHOUT POWER ROADS BLOCKED. ALTERNATIVE HEAT SOURCE USE LEADS TO BUILDING FIRES.

HISTORIC HAZARD EVENTS (continued)

Please fill out the sheet on the next page for each significant hazard event that affected **Your Jurisdiction**. **Make as many copies as necessary to record all events** and complete with as much detail as possible. This includes all events associated with the hazards listed below that have caused previous damage in your jurisdiction. It is especially important to capture events that either were not included in the previous Hazard Mitigation Plan or occurred since the plan was completed. Attach supporting documentation, photocopies of newspaper articles, or other original sources.

Jurisdiction	CITY OF LEBANON
Type of event	WIND DAMAGE
Nature and magnitude of event	SOUTH PORTION OF CITY LIMITS
Location	SOUTH PART OF CITY
Date of event	MAY 2020
Injuries	
Deaths	
Property damage	
Infrastructure damage	
Crop damage	
Business/economic impacts	
Road/school/other closures	
Other damage	
Insured losses	
Federal/state disaster relief funding	
Source of information	
Comments	

ASSESSMENT OF PREVIOUSLY PROPOSED ACTIONS

Jurisdiction: _____

The contractor/plan development facilitator has provided a list of actions proposed in the previously approved plan for each jurisdiction. Use the worksheet below to evaluate whether each action is still current, feasible, desirable, and/or creates benefit that outweighs the cost.

The worksheet should include information on the status of the action and progress made in implementation, if any. This includes:

- For **completed actions** provide a description of the implementation process. This may be a success story you would like to publicize in your community.
- Some of the actions might have been **ongoing** in nature, such public information and education programs. When this is the case, indicate what activity has occurred during the previous five years, and indicate if this program is still viable enough that it should be carried on into the future.
- If **no progress** has been made in the implementation of a given action, discuss why. Note that implementation is not a requirement. However, if no progress has been made, perhaps this is an action that would be appropriate to delete in the updated plan.

During review of the previously approved actions, consider whether any new actions should be proposed. Perhaps damages from a recent hazard event have indicated the need for new approaches to protect property and life. Review the problem statements from the updated plan for ideas. Also review the FEMA publication *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards (January 2013)*.

#	Action	Status			Description of Implementation Activities or Reasons for Lack of Progress	Keep – ✓ Delete – X Modify – M
		Complete	Ongoing	No Progress		

#	Action	Status			Description of Implementation Activities or Reasons for Lack of Progress	Keep - ✓ Delete - X Modify - M
		Complete	Ongoing	No Progress		

Community Assessment Survey

Name: SAM SCHNEIDER Title: FIRE CHIEF Contact Phone #: 417-991-3960
 Jurisdiction Representing: CITY OF LEBANON Email: lebanonfirechief@lebanonmo.org

1. Planning Capability: Please indicate whether the following planning tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation and indicate it's estimated or anticipated effect on hazard loss reduction (Positive Impact, No Impact or Negative Impact) also indicate if there has been a change in the ability of the planning mechanism to help in loss reduction. Finally, please provide any additional comments or explanations in the space provided.

Planning Tool	Status			Department or Agency Responsible	Effect on Loss Reduction: Positive No Impact Negative	Change Since Last Plan: Yes No	How Laclede County HMP is integrated into other plans Other Comments
	In Place	Date Adopted or Updated	Future Development				
EXAMPLE: Hazard Mitigation Plan	X	1/1/2006		Laclede County EMD	Positive	No	Plan is in the process of being updated
Hazard Mitigation Plan	X	1/31/2019			+		
Emergency Operations Plan	X			LACLEDEMO	+	No	
Disaster Recovery Plan							
Evacuation Plan	X	2016			+	NO	
Continuity of Operations Plan	X				+	NO	
NFIP							
NFIP – Community Rating System							
Floodplain Regulations (spec. NFIP Flood Damage Prevention Ordinance)	X				+		
Floodplain Management Plan	X				+		

Community Assessment Survey

Planning Tool	Status			Department or Agency Responsible	Effect on Loss Reduction: Positive No Impact Negative	Change Since Last Plan: Yes No	How Laclede County HMP is integrated into other plans Other Comments
	In Place	Date Adopted or Updated	Future Development				
Open Space Management Plan (or Parks or Recreational Areas)	X			PARKS	+	NO-NEW PLAN	
Storm Water Management Plan	X			PUBLIC WORKS	+	YES	
Natural Resource Protection Plan							
Capital Improvement Plan	X			FINANCE	+	YES	
Economic Development Plan							
Historic Preservation Plan							
Farmland Preservation							
Building Code/Plan	X			CODES ADMIN	+	No	
Debris Management Plan							
Fire Code	X			FIRE	+	No	
Firewise Community Certification							
Storm Ready							
Critical Facilities Plan (Mitigation/Response/Recovery)							
Climate Resilience Adaptation Plan							
Other Plans: (List)							
Other Ordinance: (List)							
Other Ordinance: (List)							

Community Assessment Survey

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department in which they work. We encourage any additional comments in the last column.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use/land development knowledge)	X		CODES ADMIN PUBLIC WORKS	
Planners or engineers (with natural and/or human-caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (including building inspectors)	X		CONTRACT ENGINEERS OLSON	
Emergency Manager		X		
Public Works Official	X		RICHARD SHOCKLEY	
NFIP Floodplain Administrator	X		RICHARD SHOCKLEY	
Land Surveyors		X		
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		PUBLIC WORKS, MIS	
Grant writers or fiscal staff to handle large/complex grants	X		FINANCE	
Staff with expertise or training in Benefit-Cost Analysis	X		FINANCE	
Other: (List)				
Other: (List)				
Other: (List)				
Other: (List)				

3. **Fiscal Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources *for hazard mitigation purposes* (including as match funds for State of Federal mitigation grant funds). Then, identify the primary department responsible for its administration or allocation and provide any other comments you may have in the space provided.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming	X		FINANCE	
Community Development Block Grants (CDBG)	X		FINANCE	
Special Purpose Taxes	X			
Gas / Electric Utility Fees	X		LEBANON PUBLIC WORKS	ELECTRIC ONLY
Water / Sewer Fees	X		" " "	BOTH FEES
Stormwater Utility Fees	X		" " "	STORM WATER SALES TAX
Development Impact Fees	X		CODES ADMINISTRATION	RESIDENTIAL & COMMERCIAL
General Obligation, Revenue, and/or Special Tax Bonds	X		FINANCE	
Partnering Arrangements or Intergovernmental Agreements	X		ADMIN	
Other: (List)				
Other: (List)				
Other: (List)				

4. **Self-Assessment of Total Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate or High) based upon the information provided in Sections 1-3 of this survey.

Area	Degree of Capability		
	Low	Moderate	High
Planning Capability			X
Planning Boards/Zoning			X
Administrative and Technical Capability			X
Fiscal Capability			X
Other: (List)			
Other: (List)			
Other: (List)			
Other: (List)			

Multi-Jurisdictional Hazard Mitigation Plan
Data Collection Questionnaire
For Small Local Governments

County: _____

Jurisdiction: Richland

Return by: _____

Please complete this data collection questionnaire as accurately and completely as possible as this information will appear in the mitigation plan. A data collection questionnaire must be completed for each "jurisdiction" that wishes to be included in the plan. According to FEMA's definition a jurisdiction is any local government, including counties, municipalities, cities, towns, school districts, special districts, councils of government, and tribal organizations. Any of these entities as well as publicly funded colleges and universities that do not participate in the planning process **will not** be eligible applicants for FEMA mitigation funding programs. Please note: School Districts and other Educational Institutions should complete the Data Collection Questionnaire indicated "For School Districts and Educational Institutions".

Prepared by: Betty Godfrey

Phone: 513-765-5187

Email: bgodfrey@richlandmo.info

Date: 12/20/23

Please return questionnaires by mail, email, or fax to:

Name: Anna Gill

Address: _____

Email: agill@marioncountycog.com

Fax: _____

CAPABILITY ASSESSMENT & INCORPORATION OF EXISTING PLANS, STUDIES, REPORTS AND TECHNICAL INFORMATION

The purpose of this section is to collect information to document existing capabilities as well as determine existing plans, studies, reports, and technical information that may need to be incorporated in the mitigation plan. Although some of this information may have been captured in your previous mitigation plan, it is important to ensure this information is current in the plan update


Please indicate which of the following your jurisdiction has in place. For elements that do not pertain to your type of public entity, please indicate with "N/A". If applicable, please provide a completion date for the element. If your jurisdiction does not have a particular element, and a higher level of government has the authority pertaining to your jurisdiction, please indicate this in the comments column. If your jurisdiction has any of the **underlined and bolded** elements, please provide a copy of the document to the contact listed on the front and indicate method in the comments column (i.e. available on the web, will email or mail).

Element	Yes, No, N/A	Comments and/or Weblink
Planning Capabilities		
Comprehensive or Land-Use Plan	Yes	Date:
Capital Improvement Plan	Yes	Date:
Transportation Plan / Highway Department	Yes	Date:
Emergency Operations Plan	Yes	Date: Camden, Laclede, Pulaski
Local Recovery Plan	NO	Date:
Debris Management Plan	NO	Date:
Firewise or other fire mitigation plan	N/A	Date:
Economic Development Plan	Yes	Date:
Policies/Ordinance		
Zoning Ordinance	Yes	
Building Code	Yes	Version: BOCA 1999
Floodplain Ordinance	Yes	Date:
Drainage/Stormwater Ordinance	Yes	
Site Plan Review Requirements	N/A	
Historic Preservation Ordinance	NO	

Element	Yes, No, N/A	Comments and/or Weblink
Program		
National Flood Insurance Program (NFIP)	Yes	
NFIP Community Rating System (CRS) program	N/A	If so, what is your current level rating?
National Weather Service (NWS) Storm Ready Certification	No	
Firewise Community Certification	NO	
Building Code Effectiveness Grading (BCEGs)	NO	
ISO Fire Rating	Rating: 5	
Public Education or information programs (i.e., responsible water use, fire safety, household preparedness, or environmental education)	Yes	Newsletters
Mutual Aid Agreements	Yes	
Studies/Reports/Maps		
Critical Facilities Inventory	N/A	
Vulnerable Population Inventory	N/A	
Staff/Department		Full Time or Part Time?
Building Code Official / Building Inspector	NO	
Engineer	NO	
Development Planner	Yes	FT
NFIP Floodplain Administrator	Yes	FT
Mapping Specialist (GIS)	NO	
Public Works Official	Yes	FT
Emergency Management Coordinator	Yes	FT
Local Emergency Planning Committee	NO	
Sanitation Department	No	
Highway/Transportation Department	Yes	FT
Economic Development Department	NO	
Housing Department	NO	Richland has Public Housing Authority Board
Historic Preservation	NO	

Element	Yes, No, N/A	Comments and/or Weblink
Non-Governmental Organizations (NGOs)	Is there a local chapter? Yes or No	
American Red Cross	No	
Salvation Army	No	
Veterans Groups	Yes	
Local Environmental Organization	Yes	
Homeowner Associations	No	
Neighborhood Associations	No	
Chamber of Commerce	Yes	
Community Organizations (Lions, Kiwanis, etc.)	Yes	
Financial Resources	Is your jurisdiction able to? Yes or No	
Apply for Community Development Block Grants	Yes	
Fund projects thru Capital Improvements funding	Yes	
Authority to levy taxes for specific purposes	Yes	
Fees for water, sewer, gas, or electric services	Yes	
Impact fees for new development	No	
Incur debt through general obligation bonds	Yes	
Incur debt through special tax bonds	Yes	
Incur debt through private activities	No	
Withhold spending in hazard prone areas	No	

For plan updates, the plan maintenance process outlined in your previous plan requires all participating jurisdictions to incorporate the requirements of the mitigation plan into other planning mechanisms, when appropriate. A key element of effective implementation of mitigation is for the mitigation plan to be incorporated in existing authorities, policies, programs, and resources. Next to each applicable planning mechanism, indicate how your jurisdiction incorporated the previous mitigation plan. If no incorporation has occurred, please explain, including background information detailing any challenges preventing incorporation.

Planning Capabilities	Method of Incorporation Since Previous Plan or Challenges Preventing Incorporation
Comprehensive or Land-Use Plan	N/A
Capital Improvement Plan	
Transportation Plan / Highway Department	
Emergency Operations Plan	
Local Recovery Plan	
Debris Management Plan	
Firewise or other fire mitigation plan	
Economic Development Plan	

Additional Questions

1. How is your government structure organized? (Commission, Mayor/City Council, how many members)

1 Mayor, 6 Board Alderman, 4 Utility Board Members,
9 Park Board members

2. List any other past or ongoing projects or programs designed to reduce disaster losses, these may include projects to protect critical facilities. Be sure to include pending or approved projects submitted for FEMA mitigation grants.

None; fire safety is provided by Tri-County Fire
Protection District

3. Describe any hazard-related concerns or issues regarding the vulnerability of special needs populations, such as the elderly, disabled, low-income, or migrant farm workers.

None

4. How many outdoor warning sirens are in your community?

4

How are they activated (indicate responsible department/personnel)?

Pulaski Co. 911

5. Does your community utilize any other warning systems such as Cable Override, Reverse 911, etc? If so, please describe.

No

6. Does your community have designated public tornado shelters/saferooms? If so, are they constructed in accordance with FEMA standards?

No

Please provide address locations:

N/A

7. Identify residential, commercial and industrial development in your jurisdiction since last plan update.

None

8. Describe development trends and expected growth areas. Is any new development expected to occur in the 100-year floodplain? Is any new development expected to occur in any other known hazard areas? If possible, please provide a map indicating potential/planned growth areas.

None

9. Are any new facilities or infrastructure planned for construction during the next five years? If so, please provide facility name and purpose along with proposed locations, if known.

No, Storm sewer project in progress

10. Please list major employers in your jurisdiction with an estimated number of employees.

—

11. Please list Mitigation Planning Committee members who served during the development of the previously approved plan. Was the process set forth for monitoring the implementation of the previously approved mitigation plan adhered to? Did the Committee meet as was specified in the previously approved plan? Why or why not?

Yes

12. Describe your jurisdiction's participation in the NFIP. Include information about how compliance with the NFIP is enforced locally.

Betty Godfrey - administrator

VULNERABILITY ASSESSMENT

The purpose of this worksheet is to assess the vulnerable buildings, populations, critical facilities, infrastructure, and other important assets in your community by using the best available data to complete the table. Use the table on the next page to compile a detailed inventory of specific assets at risk including critical facilities and infrastructure; natural, cultural, and historical assets; and economic assets. In the natural hazard column of the asset inventory table, indicate (by assigned abbreviation) which of the following hazards the asset is vulnerable to:

Natural Hazards	
Flooding (Major & Flash) - RF	Drought - D
Levee Failure - LF	Extreme Temperature - ET
Dam Failure - DF	Severe Thunderstorm (incl. winds, hail, lightning) - ST
Earthquake - EQ	Severe Winter Weather (incl. snow, ice, severe cold) - SWW
Land Subsidence / Sinkholes - LSS	Tornadoes - T
Drought - D	Wildfire - WF

Critical Facilities and Infrastructure

A critical facility may be defined as one that is essential in providing utility or direction either during the response to an emergency or during the recovery operation. FEMA's HAZUS-MH loss estimation software uses the following three categories of critical assets. 'Essential facilities' are those that if damaged would have devastating impacts on disaster response and/or recovery. 'High potential loss facilities' are those that would have a high loss or impact on the community. Transportation and lifeline facilities are third category of critical assets; examples are provided below.

Essential Facilities

Hospitals and other medical facilities
Police stations
Fire station
Emergency Operations Centers

High Potential Loss Facilities

Power plants
Dams/levees
Military installations
Hazardous material sites
Schools
Shelters
Day care centers
Nursing homes
Main government buildings

Transportation and Lifeline

Highways, bridges, and tunnels
Railroads and facilities
Bus facilities
Airports
Water treatment facilities
Natural gas facilities and pipelines
Oil facilities and pipelines
Communications facilities

Economic Assets

Economic assets at risk may include major employers or primary economic sectors, such as agriculture, whose losses or inoperability would have severe impacts on the community and its ability to recover from disaster.

Asset Inventory

Please list critical facilities and other community assets, the square feet, values, and occupancy/capacity. If not applicable, enter "N/A". In the last column, use the codes from the previous page to indicate hazards to which the asset is vulnerable. Add as many rows as needed. If this information is available in GIS format, please provide.

Critical Facilities

Name of Asset	Address	Area (sq.ft.)	Replacement Value (Insured) (\$)	Contents Value (\$)	Occupancy/ Capacity (#)	Natural Hazards
Essential Facilities such as hospitals and other medical facilities, police and fire stations, Emergency Operations Centers						
Hazard						

Name of Asset	Address	Area (sq. ft.)	Replacement Value (Insured) (\$)	Contents Value (\$)	Occupancy/ Capacity (#)	Natural Hazards
<u>High Potential Loss Facilities</u> such as power plants, dams/levees, military installations, hazardous materials sites, shelters, day care centers, nursing homes, main government buildings (Do not include schools—they will be reported by the school districts)						
<u>Transportation and Lifelines</u> such as highways, bridges, and tunnels; railroads and facilities, bus facilities, airports, water treatment facilities, natural gas facilities and pipelines, oil facilities, oil facilities and pipelines, communications facilities						

***If replacement cost data is not available, use the best available data (assessed valuation or other method for estimating cost) and explain any data deficiencies.**

Economic Assets (Major Employers, etc)

Asset	Address	Product/ Service	Value (if known)	Number of Employees	Hazards

HISTORIC HAZARD EVENTS

Please fill out the sheet on the next page for each significant hazard event that affected **Your Jurisdiction**. **Make as many copies as necessary to record all events** and complete with as much detail as possible. This includes all events associated with the hazards listed below that have caused previous damage in your jurisdiction. It is especially important to capture events that either were not included in the previous Hazard Mitigation Plan or occurred since the plan was completed. Attach supporting documentation, photocopies of newspaper articles, or other original sources.

Jurisdiction	N/A
Type of event	
Nature and magnitude of event	
Location	
Date of event	
Injuries	
Deaths	
Property damage	
Infrastructure damage	
Crop damage	
Business/economic impacts	
Road/school/other closures	
Other damage	
Insured losses	
Federal/state disaster relief funding	
Source of information	
Comments	

HISTORIC HAZARD EVENTS (continued)

Please fill out the sheet on the next page for each significant hazard event that affected **Your Jurisdiction**. **Make as many copies as necessary to record all events** and complete with as much detail as possible. This includes all events associated with the hazards listed below that have caused previous damage in your jurisdiction. It is especially important to capture events that either were not included in the previous Hazard Mitigation Plan or occurred since the plan was completed. Attach supporting documentation, photocopies of newspaper articles, or other original sources.

Jurisdiction	
Type of event	
Nature and magnitude of event	
Location	
Date of event	
Injuries	
Deaths	
Property damage	
Infrastructure damage	
Crop damage	
Business/economic impacts	
Road/school/other closures	
Other damage	
Insured losses	
Federal/state disaster relief funding	
Source of information	
Comments	

ASSESSMENT OF PREVIOUSLY PROPOSED ACTIONS

Jurisdiction: _____

The contractor/plan development facilitator has provided a list of actions proposed in the previously approved plan for each jurisdiction. Use the worksheet below to evaluate whether each action is still current, feasible, desirable, and/or creates benefit that outweighs the cost.

The worksheet should include information on the status of the action and progress made in implementation, if any. This includes:

- For **completed actions** provide a description of the implementation process. This may be a success story you would like to publicize in your community.
- Some of the actions might have been **ongoing** in nature, such public information and education programs. When this is the case, indicate what activity has occurred during the previous five years, and indicate if this program is still viable enough that it should be carried on into the future.
- If **no progress** has been made in the implementation of a given action, discuss why. Note that implementation is not a requirement. However, if no progress has been made, perhaps this is an action that would be appropriate to delete in the updated plan.

During review of the previously approved actions, consider whether any new actions should be proposed. Perhaps damages from a recent hazard event have indicated the need for new approaches to protect property and life. Review the problem statements from the updated plan for ideas. Also review the FEMA publication *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards (January 2013)*.

#	Action	Status			Description of Implementation Activities or Reasons for Lack of Progress	Keep – ✓ Delete – X Modify – M
		Complete	Ongoing	No Progress		

#	Action	Status			Description of Implementation Activities or Reasons for Lack of Progress	Keep – ✓ Delete – X Modify – M
		Complete	Ongoing	No Progress		

**CITY OF RICHLAND
PROPERTY SCHEDULE**

Flood Plain	Property Location	Occupancy Description	Year Built	Type of Construction	Measurement		Building Value	Contents		Total Value
					Value	Unit		Value	Unit	
No	211 West Camden Avenue	Police Station	2022	Metal / Wood / Concrete	3,264	sq ft	500,000.00	0.00		500,000.00
Yes	19199 Rose Finch Rd	Cummins 150 KW LP/NG Generator	2022	metal	0	N/A	47,073.12	0.00		47,073.12
No	204 East Washington	City Hall, Utility Office & Rec. Center	1942	Concrete	16,575	sq ft	4,462,200.35	900,000.00		5,362,200.35
No	201 South Chestnut	Police Station	1968	Block/Concrete	2,160	sq ft	350,741.28	500,000.00		850,741.28
No	201 South Chestnut	Genevac Generator Model 25/30 KW	2015	Metal			15,535.74	0.00		15,535.74
No	Airport Road	Dog Pens (12)	2005	Metal/Concrete	1,200	sq ft	37,185.00	0.00		37,185.00
No	Dublin Lane	Repeater at Tower #3	2006	Metal			0.00	13,000.00		13,000.00
No	West Main- Industrial Park	Storm Siren	2007	Steel/Wood			21,044.47	0.00		21,044.47
No	208 North Pine Street	Storm Siren	2007	Steel/Wood			21,044.47	0.00		21,044.47
No	Industrial Park #2	Storm Siren	2007	Steel/Wood			21,044.47	0.00		21,044.47
No	Airport Road	Storm Siren	2007	Steel/Wood			21,044.47	0.00		21,044.47
No	202 East Washington Ave.	Electric Shed & Transformer Yard	1985	Metal/Concrete	3,200	sq ft	350,741.28	276,940.00		627,681.28
No	203 East National Avenue	City Shop	2015	Wood/Metal/Conc.	8,600	sq ft	916,166.30	338,000.00		1,254,166.30
No	350 West Camden Avenue	Substation Relosures	1982	Metal			210,444.77	0.00		210,444.77
No	#1 Industrial Drive	Pad Mount Transformer - 300 KVA	2002				9,495.50	0.00		9,495.50
No	#10 Industrial Drive	Pad Mount Transformer - 750 KVA	2003				18,990.98	0.00		18,990.98
No	#3 Industrial Drive	Pad Mount Transformer - 150 KVA	1999				9,495.50	0.00		9,495.50
No	101 North Pine Street	Pad Mount Transformer - 45 KVA	1997				7,912.90	0.00		7,912.90
No	1014 West Main Street	Pad Mount Transformer - 300 KVA	2006				9,495.50	0.00		9,495.50
No	1014 West Main Street	Pad Mount Transformer - 225 KVA	2001				9,495.50	0.00		9,495.50
No	202 East Washington Ave.	Pad Mount Transformer - 150 KVA	1997				9,495.50	0.00		9,495.50
No	304 West Mildred Street	Pad Mount Transformer - 500 KVA	2002				9,495.50	0.00		9,495.50
No	304 West Washington Ave.	Pad Mount Transformer - 150 KVA	1994				9,495.50	0.00		9,495.50
No	304A West Washington Ave.	Pad Mount Transformer - 225 KVA	1992				9,495.50	0.00		9,495.50
No	306 South Pine Street	Pad Mount Transformer - 225 KVA	1997				9,495.50	0.00		9,495.50
No	505 East Main Street	Pad Mount Transformer - 225 KVA	2000				9,495.50	0.00		9,495.50
No	701 West Washington Ave.	Pad Mount Transformer - 150 KVA	1997				9,495.50	0.00		9,495.50
No	714 East Jefferson Avenue	Pad Mount Transformer - 150 KVA	1995				9,495.50	0.00		9,495.50

**CITY OF RICHLAND
PROPERTY SCHEDULE**

Flood Plain	Property Location	Occupancy Description	Year Built	Type of Construction	Measurement Value	Building Value	Contents Value	Total Value
No	914 West Main Street	Pad Mount Transformer - 300 KVA	1999			9,495.50	0.00	9,495.50
No	Various	23 Pad Mounted XFRMs	1995			90,473.96	0.00	90,473.96
No	109 North Pine Street	Pad Mount Transformer - 300 KVA	2015			8,888.18	0.00	8,888.18
No	905 North Pine	Gas Department/Fence	1983	Block/Concrete	2,560 sq ft	359,159.07	60,000.00	419,159.07
No	22985 Roulette Road	Meter Station/Fence	1996	Steel/Pipe/Meter	160 sq ft	0.00	100,000.00	100,000.00
No	Industrial Park	Regulator Station/Fence	1996	Steel/Pipe/Chart	1,080 sq ft	0.00	100,000.00	100,000.00
No	Shady Dell Park	Ball Field Bathrooms	2008	Metal/Concrete	380 sq ft	44,622.00	3,000.00	47,622.00
No	Shady Dell Park	Ball Field Concession Building	2006	Wood/Metal/Conc.	800 sq ft	79,129.09	20,000.00	99,129.09
No	Shady Dell Park	Ball Field Fence/Lights/Bleachers	1968	Chainlink		105,222.38	0.00	105,222.38
No	Shady Dell Park	Community Building	2001	Concrete/Metal	4,000 sq ft	561,186.04	30,000.00	591,186.04
No	Shady Dell Park	Pole Barn	2003	Wood/Metal	15,000 sq ft	420,889.53	0.00	420,889.53
No	Shady Dell Park	Sheep Barn	2013	Wood/Metal	1,680 sq ft	47,139.63	0.00	47,139.63
No	Shady Dell Park	Lions Club Pavilion	1986	Wood/Concrete	1,440 sq ft	70,709.45	1,000.00	71,709.45
No	Shady Dell Park	Caldwell Pavilion #1	1986	Wood/Concrete	960 sq ft	33,671.16	1,000.00	34,671.16
No	Shady Dell Park	City Pavilion #2	1986	Wood/Concrete	960 sq ft	33,671.16	1,000.00	34,671.16
No	Shady Dell Park	Bohannon Pavilion #3	1986	Wood/Concrete	960 sq ft	33,671.16	1,000.00	34,671.16
No	Shady Dell Park	Playground Equipment - Green	2006	Metal/Rubber		148,740.01	0.00	148,740.01
No	Shady Dell Park	Playground Equipment - Red	2007	Metal/Rubber		98,207.56	0.00	98,207.56
No	Shady Dell Park	Swing Set @ Redbird Playground	2020	Steel/Rubber		2,936.45	0.00	2,936.45
No	Shady Dell Park	Pool Building w/Fencing	2011	Metal/Conc./Chainlink	1,950 sq ft	701,482.54	10,000.00	711,482.54
No	Shady Dell Park	Pulling Track Announcer Stand	2003	Metal/Steel	100 sq ft	21,044.47	0.00	21,044.47
No	Shady Dell Park	Pulling Track Bleachers	2000	Metal		148,740.01	0.00	148,740.01
No	Shady Dell Park	Pulling Track Concession Building	2003	Concrete/Metal	450 sq ft	44,622.00	10,000.00	54,622.00
No	Shady Dell Park	Security System (7 Cameras/Hub)	2008	Metal		29,748.00	0.00	29,748.00
No	Shady Dell Park	Tennis Court Fencing/Lights/Nets	2001	Chainlink/Net		133,866.01	0.00	133,866.01
No	Shady Dell Park	Misc:Swings/Benches/Lights/Bridges/Et	2006	Metal/Wood		105,222.38	0.00	105,222.38
No	Shady Dell Park	Storage Shed/Christmas Decorations	2016	Wood/Metal	400 sq ft	3,590.70	10,000.00	13,590.70
Yes	18500 Rose Finch Rd. (N. Pine St.	Sewer Treatment Plant Lab	1980	Block/Concrete/Metal	600 sq ft	35,237.40	35,000.00	70,237.40
Yes	18500 Rose Finch Rd. (N. Pine St.	Garage #1	1980	Block/Concrete/Metal	500 sq ft	23,491.60	10,000.00	33,491.60

**CITY OF RICHLAND
PROPERTY SCHEDULE**

Flood Plain	Property Location	Occupancy Description	Year		Measurement		Contents		Total Value
			Built	Type of Construction	Value	Building Value	Value		
Yes	18500 Rose Finch Rd. (N. Pine St.)	Garage #2	1980	Block/Concrete	450 sq ft		23,491.60	0.00	23,491.60
Yes	18500 Rose Finch Rd. (N. Pine St.)	Fencing	1980	Steel	1,420 feet		33,358.07	0.00	33,358.07
Yes	18500 Rose Finch Rd. (N. Pine St.)	Retention Basin	1980	Concrete	8,050 sq ft		352,374.00	0.00	352,374.00
Yes	18500 Rose Finch Rd. (N. Pine St.)	Sludge Basin #1 (Old)	1980	Concrete	1,024 sq ft		234,916.00	0.00	234,916.00
Yes	18500 Rose Finch Rd. (N. Pine St.)	Sludge Basin #2 (Old)	1980	Concrete	1,024 sq ft		234,916.00	0.00	234,916.00
Yes	18500 Rose Finch Rd. (N. Pine St.)	Sludge Basin #3 (New)	2002	Concrete	2,048 sq ft		469,832.00	0.00	469,832.00
Yes	18500 Rose Finch Rd. (N. Pine St.)	Clarifier #1 (Old) 6,000 Gallon	1980	Concrete/Steel			176,187.00	0.00	176,187.00
Yes	18500 Rose Finch Rd. (N. Pine St.)	Clarifier #2 (Old) 6,000 Gallon	1980	Concrete/Steel			176,187.00	0.00	176,187.00
Yes	18500 Rose Finch Rd. (N. Pine St.)	Clarifier #3 (New) 4,250 Gallon	2002	Concrete/Steel			352,374.00	0.00	352,374.00
Yes	18500 Rose Finch Rd. (N. Pine St.)	Grit Auger	2002	Concrete/Steel			41,110.30	0.00	41,110.30
Yes	18500 Rose Finch Rd. (N. Pine St.)	Aeration Pump	2002	Motor			17,618.70	0.00	17,618.70
Yes	18500 Rose Finch Rd. (N. Pine St.)	Sludge Return Pump #1	2018	Motor			17,618.70	0.00	17,618.70
Yes	18500 Rose Finch Rd. (N. Pine St.)	Sludge Return Pump #2	2018	Motor			17,618.70	0.00	17,618.70
Yes	18500 Rose Finch Rd. (N. Pine St.)	Retention Basin Pump #1	2018	Motor			29,364.50	0.00	29,364.50
Yes	18500 Rose Finch Rd. (N. Pine St.)	Retention Basin Pump #2	2018	Motor			29,364.50	0.00	29,364.50
Yes	18500 Rose Finch Rd. (N. Pine St.)	Oxidation Ditch w/Roters	1980	Motor			411,103.00	0.00	411,103.00
No	905 North Pine	Sewer Irrigation System	1984	Sprink./Metal/Pipe			0.00	102,000.00	102,000.00
No	Oaklawn Cemetary	Lift Station #1	1992	Block/Concrete			140,296.51	26,504.58	166,801.09
No	Industrial Park	Lift Station #2	1978	Concrete			70,148.26	50,000.00	120,148.26
No	Industrial Park	Lift Station #3	1989	Fiberglass			70,148.26	50,000.00	120,148.26
No	Cemetary Road	Pavilion	2015	Wood/Concrete/Metal	224 sq ft		6,837.07	0.00	6,837.07
No	Oaklawn Road	Cemetery Sign	2015	Brick/Concrete/Metal			6,507.71	0.00	6,507.71
No	Chestnut Street	Well House 1	1947	Concrete	720 sq ft		86,188.29	5,000.00	91,188.29
No	Sunset Avenue	Well House 2	1948	Concrete	192 sq ft		86,188.29	30,000.00	116,188.29
No	Dublin Lane	Well House 3	1975	Block/Concrete	192 sq ft		86,188.29	30,000.00	116,188.29
No	Industrial Park (W Main St.)	Well House 4 with Fence	2020	Block/Concrete/Steel	200 sq ft		88,093.50	150,000.00	238,093.50
No	Chestnut Street	Water Tower 1 with Fence	1947	Steel	90,000 gallons		793,895.72	0.00	793,895.72
No	Industrial Park	Water Tower 2	1972	Steel	300,000 gallons		1,526,954.00	0.00	1,526,954.00
No	Dublin Lane	Water Tower 3 with Fence	2008	Steel	300,000 gallons		2,231,100.18	0.00	2,231,100.18
No	Airport Road	Runway Lights	2010	Steel			28,059.30	0.00	28,059.30