

Appendix E: Neosho R-V School District Addendum

E-1: Introduction and Planning Process

E-1.1 Purpose

The Jasper-Newton 2021 *Multi-Jurisdictional Hazard Mitigation Plan* is an updated version of the 2016 Jasper-Newton County Multi-Jurisdictional Hazard Mitigation Plan developed in conformance with the requirements of the Disaster Mitigation Act of 2000. Planning activities for the plan update were completed for Jasper-Newton County, municipalities and school districts throughout 2016. The Jasper-Newton County Multi-Jurisdictional Hazard Mitigation Plan has been adopted by Plan participants and was approved by FEMA on May 10th, 2021.

E-1.2 Background and Scope

All school districts, incorporated communities, and other districts were invited to participate in the Plan update process. Although many representatives were present at the Plan update kick-off meeting and informed of the Plan participation requirements and benefits of mitigation planning, the Neosho R-V School District did not participate in the planning process. The district had relied on a consulting architecture firm for guidance on improvement projects and was not aware of the local mitigation plan requirement until the firm suggested that they apply for a hazard mitigation grant. As a result they only became aware of the need for a local mitigation plan after the planning process and update to keep the Plan current had been completed. District administrators have become aware of the need for local hazard mitigation plans and are seeking to be added as a participating jurisdiction in the approved Jasper-Newton 2021 Multi-Jurisdictional Hazard Mitigation Plan. Previously, the district has been included as a participating jurisdiction in any of the previous iterations of the Hazard Mitigation Plan for Jasper-Newton County.

E-1.3 Plan Organization

The Plan addendum for the Neosho R-V School District follows the Plan Organization and Planning Steps present in Part 1: Introduction and Planning Process of the Jasper-Newton 2021 Multi-Jurisdictional Hazard Mitigation Plan on page 4 in the main body of the Plan.

44 CFR Requirement 201.6(c)(1): [The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.

The Harry S Truman Coordinating Council (HSTCC) was contacted to facilitate the plan addendum development process. HSTCC staff was contacted by Webb City R-7 School District staff on April 27, 2021 regarding inclusion in the 2021 Plan update for Jasper-Newton County as a participating jurisdiction. HSTCC staff informed the District of the potential for developing an addendum to the main body of the Plan since the planning process for the 2021 Plan had been concluded and the Plan had been submitted to SEMA for approval. District staff were informed the addendum process must follow the steps and participation requirement for jurisdictions that had participated in the 2021 Plan. Subsequent email conversations with district staff served as the initial scoping meeting of the addendum project coinciding with the initial information meeting with Jasper County Commissioners cited in the Planning Process section in the main body of the Plan on page 10. Potential meeting locations and schedule were discussed as well as strategies for including the public. The planning process included the planning meeting that would be advertised as a public meeting. HSTCC staff would also be responsible for producing the draft and final plan addendum in an approvable document and coordinating with the Missouri State Emergency Management Agency (SEMA) and FEMA for plan reviews.

Specific information about agenda items for the MPC meetings are presented in Section 1.4.2 page 11 in the main body of the Plan. The HSTCC staff were responsible for soliciting public involvement in the planning process. A Jasper-Newton Hazard Mitigation Plan meeting for the Neosho R-V School District local mitigation plan addendum was conducted on May 18, 2021 at the district's central office in Neosho, Missouri. The content of the meeting coincided with the agenda items for the Kick-Off meeting for the main Plan in Section 1.4.2 page 11. This meeting combined agenda items for the MPC meeting listed in Section 1.4.2 page 11 of the main Plan. This meeting was posted on the HSTCC website and advertised as an open meeting at the school and at the Jasper County Courthouse. Exhibit B provides documentation of the planning process including public involvement solicitation and meeting notices.

A final draft of the Plan was posted on the HSTCC website on **May XX, 2021** before the Plan was submitted for SEMA/FEMA approval. A press release was sent to the Neosho Daily News notifying news outlets the Plan addendum was available for comment and review. Input from the neighboring jurisdictions was solicited via mail through the distribution list created for the main Plan which included community representatives and elected officials. Documentation is included in Exhibit B. Table E-1.1 is a list of local jurisdiction representatives that attended meetings and participated on the MPC for the Plan addendum.

Table 1: Jurisdictional Representatives Neosho R-V Schools Mitigation Planning Committee

Name	Title	Organization
Richie Fretwell	Assistant Superintendent	Neosho R-V School
Ryan West	Director of Safety and Security	Neosho R-V School
Tara Twitchell		Neosho R-V School
Tim Lewis		Neosho R-V School
Seth Johnson		Neosho R-V School

E-1.4.1 Multi-Jurisdictional Participation

In order to be included as a participant in the main Plan, jurisdictional representatives were required to attend the planning meeting. In addition, each participating jurisdiction must have provided sufficient information to support plan development by completing and returning the data collection questionnaire. These two requirements were established as the minimum for jurisdictional participation. Neosho R-V School met and exceeded this minimum during the addendum planning process as established in Table E-1.2 below.

Table 2: Jurisdictional Participation in the Planning Process

Jurisdiction	Planning Meeting	Data Collection Questionnaire	Review of Mitigation Actions	Review and Comment on Plan Draft
Neosho R-V School	X	X	X	X

E-1.4.2 Planning Steps

The Neosho R-V School District addendum to the Jasper-Newton 2021 Multi-Jurisdictional Hazard Mitigation Plan closely followed and benefited from the planning steps undertaken and listed in section 1.4.2 page 11 of the main body of the plan.

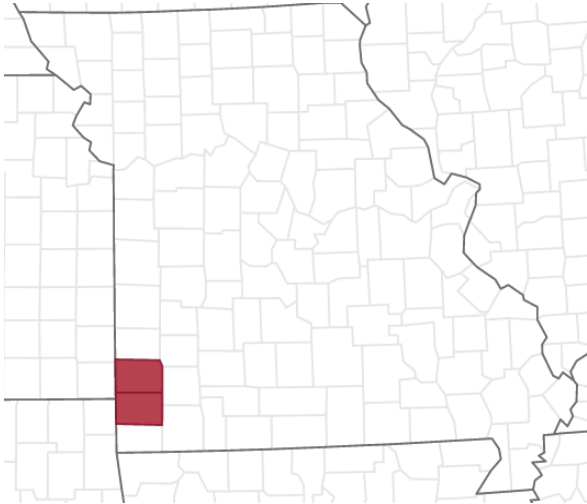
E-2: Planning Area Profile and Capabilities

E-2.1 Planning Area Profile

The Neosho R-V School District is located in the center of Jasper-Newton County, Missouri. The district lies completely within Jasper-Newton County. All of the District’s

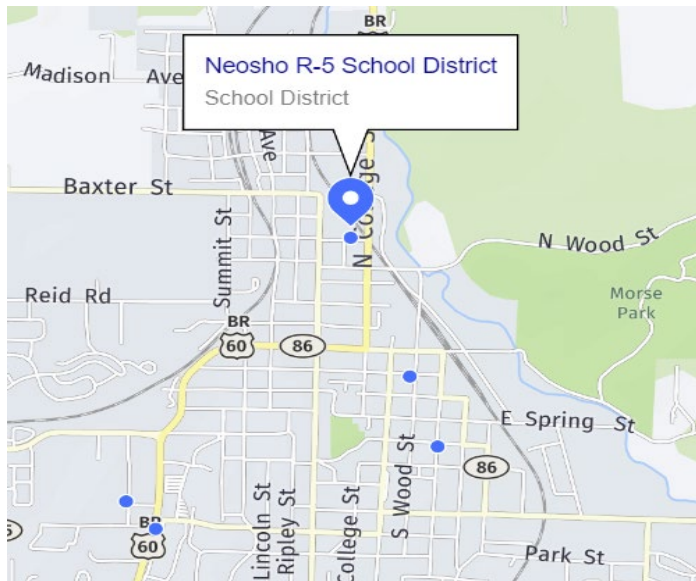
facilities are located in the City of Neosho and Goodman. Information specific to Neosho is located in Section 2.1 of the Planning Area Profile and Capabilities section in the main body of the Plan. The Neosho R-V School District encompasses a large portion of rural Jasper-Newton County.

Figure 1: Neosho School District Location in Jasper-Newton County



Source: [IBRC](#), using data from the U.S. Census Bureau's American Community Survey

Figure 2: Neosho School District Location in Jasper-Newton County



Source:
https://search.yahoo.com/local/s;_ylt=AwrE1.G4xopgn9MAqYBXNyoA;_ylu=Y29sbwNiZjEEcG9zAzEEdnRpZAMEc2VjA3Nj?p=neosho+school+district+location+in+Missouri&selectedId=220220883&fr=mcafee

E-2.2 Neosho R-V School District Capabilities

Most of Neosho R-V School District facilities are located within the City of Neosho. With the exception of Goodman Elementary located in the city of Goodman. Table 2.2 provides building and school enrollment information for Neosho Schools.

Table 3: School District and Enrollment Data, Neosho R-V

Building Name	Address	Building Enrollment
South Elementary School	1111 Wornall Street, Neosho, MO, 64850	249
George Washington Carver Elementary School	12350 Norway Road, Neosho, MO, 64850	400
Goodman Elementary School	117 South School Street, Goodman, MO, 64843	300
Neosho Jr. High School	511 South Neosho Boulevard, Neosho, MO, 64850	1000
Neosho High School	511 South Neosho Boulevard, Neosho, MO, 64850	1400
Benton Elementary School	1120 Carl Sweeney Parkway, Neosho, MO, 64850	400
Central Elementary School	301 Big Spring Drive, Neosho, MO, 64850	200
Middle School	1420 Hale Mcginty Drive, Neosho, MO, 64850	700
Admin Center	418 Fairground Rd, Neosho MO 64850	50
Transportation/Warehouse	12382 Norway Rd, Neosho MO 64850	50
Field Early Childhood Center	302 Smith Ave, Neosho, MO 64850	200
Jefferson Street Campus	115 W Brook St, Neosho MO 64850	40
Field House	200 Veta St, Neosho MO 64850	30
Maintenance Building	731 W Harmony, Neosho MO 64850	0
Vo-Ag Center	511 S Neosho Blvd, Neosho MO 64850	50
Total		5,120

Source: https://apps.dese.mo.gov/MCDS/Reports/SSRS_Print.aspx?Reportid=1e5f7eab-54cf-4717-a381-640103304ffe

Neosho R-V Schools are governed by a Board of Education consisting of the Board President and six (6) Board members. The District serves 5.120 (300 located in Goodman) students and employs approximately 700 teachers and staff. District departments include:

- Central Office
- Special Services
- Technology
- Transportation
- Curriculum
- Food Service

The District is currently exploring the integration of a safe room construction into the school campus to provide adequate shelter to 4,700 - 5,500 students currently housed

on the Neosho Campus. District enrollment is expected to increase by 2% - 3% over the next five years. Table 4 provides responses to the data collection questionnaire for school districts.

Table 4: Data Collection Questionnaire

Capability	Status Including Date of Document or Policy
Planning Elements	
Master Plan/Date	Yes, 01/20/21
Capital Improvement Plan/Date	Yes, 01/20/21
School Emergency Plan	Yes, 01/20/21
Weapons Policy/Date	Yes, 01/20/21
Personnel Resources	
Status Including Date of Document or Policy	
Full-Time Building Official	No
Emergency Manager	Yes, Safety Director
Grant Writer	No
Public Information Officer	Yes
Financial Resources	
Status Including Date of Document or Policy	
Capability	
Status Including Date of Document or Policy	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	Yes
Special Tax Bonds	Yes
Private Activities Donations	Yes
State and Federal Grant Funds	Yes
Other	
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes
NOAA Weather Radios	Yes
Tornado Shelter/Saferoom	Yes
Campus Police	No, SRO provided by Neosho Police Dept.

E-3: Risk Assessment

E-3.1 Hazard Identification

This addendum to the Jasper-Newton 2021 Multi-Jurisdictional Hazard Mitigation Plan addresses natural hazards that may affect the Neosho R-V School District. Human-caused or technological hazards were not addressed in the main body of the Plan. The Risk Assessment in the main body of the plan contains hazard profiles for all identified natural hazards that can affect Pike County. Table E-3.1 provides a summary of those hazards that may affect the Neosho R-V School District. An “x” in the table indicates that the District is affected by the hazard a “-“indicates that the hazard is not applicable.

Table 5: Hazards Identified for Neosho R-V School District

Jurisdiction	Dam Failure	Drought	Earthquake	Extreme Temperature	Wildfire	Flooding	Land Subsidence/ Sinkholes	Severe Winter Weather	Thunderstorm	Tornado
Neosho R-V School District	-	-	x	x	x	x	x	x	x	x

Source: Capabilities Assessment

E-3.2 Assets at Risk

This section assesses the planning area population, structures, critical facilities and infrastructure, and other important assets that may be at risk to hazards. The inventory of assets for the Neosho R-V School District was derived from the data collection questionnaire and insured replacement costs for structures and facilities. Table 6 contains the assets at risk for the District.

Table 6: Population and Building Exposure for Neosho R-V School District

Public School District	Enrollment	Building Count	Building Exposure	Contents Exposure	Total Exposure
Neosho R-V School District	5,120	15	\$126,878,981	\$17,368,942	\$298,980,399

Source: <https://apps.dese.mo.gov/MCDS/FileDownloadWebHandler.ashx?filename=30332559-7f58December%2031st%20AV%202010-2018.xls>

E-3.3 Future Land Use and Development

Enrollment in the Neosho R-V School District is expected to increase by 2% -3% over the next five years. The District is planning on integrating a FEMA safe room in on the Goodman School Campus within the next five years.

E-3.4 Hazard Profiles, Vulnerability and Problem Statements

The hazard profiles are organized under subsections for hazard description, location severity/magnitude/extent, previous occurrences and probability of future occurrence. The profiles for each hazard can be found on the following pages of Part 3 in the main body of the Plan:

Dam Failure

Drought
 Earthquake
 Extreme Temperature
 Wildfire
 Flooding (Riverine and Flash)
 Land Subsidence/Sinkholes
 Thunderstorm/High Winds/Hail/Lightning
 Tornado
 Winter Weather/Snow/Ice/Severe Cold

Vulnerability Overview for Neosho R-V School District

Dam Failure- No school district facilities are located within inundation area or downstream environments of existing dams.

Drought- There are no potential losses to existing facilities. School districts would be the least effected jurisdictions to drought.

Earthquake- Improvements to existing facilities in the District would have limited damage from ground shaking. In addition, most school facilities are considered well-built structures. Total exposure was used to estimate losses from a 7.6 magnitude earthquake along the New Madrid fault. A damage factor of 0.5% was applied to all jurisdictions in the main body of the plan. Table 7 provides the potential damage estimate for the District.

Table 7: Estimated Potential Earthquake Losses

Jurisdiction	Potential Earthquake Losses
Neosho R-V School District	\$298,980,399

Source: <https://apps.dese.mo.gov/MCDS/FileDownloadWebHandler.ashx?filename=30332559-7f58December%2031st%20AV%202010-2018.xls>

Extreme Temperatures- People most at risk to extreme heat are children under 5 years of age and over 65, as well as those who work outdoors. School districts are not considered vulnerable to extreme temperatures because students and staff are not customarily within these groups.

Wildfire- There are no District facilities within wildfire prone areas.

Flooding (Riverine and Flash)- There is no heightened risk to the District due to flooding. No District facilities lie in Special Flood Hazard Areas and no previous

damages were reported by the District. Most of the hazards profiled are regional events and have no defined hazard prone areas.

Land Subsidence/Sinkholes- Neosho R-V School District facilities all lie in an area with no recorded land subsidence or sinkholes.

Thunderstorm/High Winds/Lightning/Hail- The Neosho R-V School District buildings were built in 1966 and 1993 and can withstand thunderstorms and high winds. Retrofitting school district facilities with protective filming of windows and installation of blast proof doors will provide more protection for students and staff at school facilities.

Tornado- In the main body of the Plan, potential losses to existing development for jurisdictions was calculated by applying a 1% damage factor to total exposure. Table 8 contains estimated tornado losses for Neosho R-V Schools.

Table 8: Estimated Potential Tornado Losses for Neosho R-V Schools

Jurisdiction	Potential Tornado Losses
Neosho R-V School District	\$298,980,399

The District is planning to construct a FEMA safe room at their Neosho Campus in the next five years.

Winter Weather/Snow/Ice/Severe Cold- School Districts close during periods of extreme winter weather. This minimizes the risk of weather related accidents on roadways. Some school districts have been closed for long periods of time. The risk to school districts to severe winter weather is limited to structural damages to facilities. There are no reports of damages to school facilities due to severe winter weather in Jasper-Newton County.

E-4: Mitigation Strategy

E-4.1 Goals

The goals and objectives of Jasper-Newton 2021 Multi-Jurisdictional Hazard Mitigation Plan are presented in the main body of the Plan on page 4-1.

E-4.2 Identification and Analysis of Mitigation Actions

This section is the main body of the Plan and describes the process the MPC used for deleting or keeping actions from the 2016 Plan. The District identified an action item for inclusion in the Appendix to the 2021 Plan.

E-4.3 Implementation of Mitigation Actions

The STAPLEE Criteria and Action Worksheets used for the cost benefit review and implementation schedule for Neosho R-V School identified action are presented in the main body of the Plan on pages 4.13 and 4.14.

The following is the action item for the Neosho R-V School District.

Action Worksheet	
Name of Jurisdiction:	Neosho R-V School District
Risk / Vulnerability	
Hazard(s) Addressed:	Earthquake, Severe Thunderstorm, Severe Winter Weather, Tornado
Problem being Mitigated:	Storm shelter to offer protection to students and staff.
Action or Project	
Applicable Goal Statement:	Objective 1.1: Take action to minimize the effects of natural disasters on people, property, and building contents.
Action/Project Number:	FY17 PDM Neosho-Goodman
Name of Action or Project:	Building Storm Shelter
Mitigation Category:	Prevention; Structure and Infrastructure Projects
Action or Project Description:	The project would be to build a storm shelter to allow for a safe place in the event of a storm or other events as funds become available.
Estimated Cost:	\$2,000,000.00
Benefits:	Storm Shelter offers a safe place for students and staff to go in the event of an emergency.
Plan for Implementation	
Responsible Organization/Department:	Neosho R-V School District
Action/Project Priority:	High
Timeline for Completion:	3 years
Potential Fund Sources:	Local funds and FEMA grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status:	Continuous
Report of Progress:	N/A

Action Worksheet	
Name of Jurisdiction:	Neosho R-V School District
Risk / Vulnerability	
Hazard(s) Addressed:	Earthquake, Severe Thunderstorm, Severe Winter Weather, Tornado
Problem being Mitigated:	Mitigating potential hazards by educating staff
Action or Project	
Applicable Goal Statement:	Objective 2.1: Create an emergency response team made up of school staff members for each school location
Action/Project Number:	2021 ERT: Neosho School ERT (Emergency Response Team)
Name of Action or Project:	2021 ERT
Mitigation Category:	Prevention, Structure and Infrastructure Projects, Emergency Services, Outreach
Action or Project Description:	The project would be to build a storm shelter to allow for a safe place in the event of a storm or other events as funds become available.
Estimated Cost:	\$ 200,000
Benefits:	Educating students and staff how to respond during an emergency. Protecting human lives.
Plan for Implementation	
Responsible Organization/Department:	Neosho R-V School District
Action/Project Priority:	Medium
Timeline for Completion:	1-5 years
Potential Fund Sources:	Local funds and FEMA grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status:	Continuous
Report of Progress:	N/A

Exhibit A: Neosho R-V Hazard Mitigation Plan Adoption Resolution

Exhibit B: Public Involvement Documentation

- Press Release Notice of Public Comment
- Notice to Neighboring Jurisdictions
- Meeting Sign-in Sheets
- Meeting PowerPoint
- Meeting Documentation
- Neosho R-V School Commission Minutes
- Data Collection Questionnaire