

CHAPTER FIVE: PLAN UPDATE PRIORITIZATION AND REVIEW

5.1 CHANGES IN JURISDICTIONAL DEVELOPMENT

As mentioned in the narrative above, the planning area is preparing for expanding urban growth over the next 10 years. As shown in Sections 4.1.1 to 4.1.5, the planning departments of the respective municipalities and the governing bodies regularly review ordinances, plans, and developments to ensure that adequate planning for expanding populations mitigates the most common hazard: localized flooding. Since the previous update, **Shawnee** has experienced the most development; however, at this time, it does not appear that the growth has caused any change to their hazard vulnerability, particularly localized flooding. **Pottawatomie County commissioners** have also prioritized rebuilding or repairing drainage structures that fit within the county budgets on an annual basis; larger drainage projects have been placed on county budgets that are projected out in 3–5-year increments. None of the other jurisdictions have experienced changes in development which have increased or decreased their hazard vulnerability.

5.2 STATUS OF PREVIOUS MITIGATION ACTION ITEMS

The tables below give the status of the action items in the previous plan. The first table identifies the completed projects. The second table identifies the incomplete projects and includes a brief explanation. The number indicates the number associated with the action item as listed in the previous plan. It should also be noted that some actions listed are ongoing projects that must be maintained long-term, and they are included in Section 4.4. Due to inevitable social, political, and economic changes, relevant action items have been modified to fit the current and expected trends.

Action Items Accomplished		
Action Item	Hazard Mitigated	Jurisdiction Impacted
8. Additional Water Capacity	Drought	County, Shawnee
18. Dam Monitoring Equipment	Dam Failure	County, Dale PS, McCloud, Shawnee, Tecumseh
21, 21a, 21b, 21c, 21d. NOAA Weather Radios	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Hail, High Winds, Lightning, Tornado, Wildfire, Winter Storm	All
22. School Intercom System	Hail, High Winds, Lightning, Tornado, Winter Storm	All Schools
23, 23a, 23b, 23c, 23d. Mass Notification System	All Hazards	All
26, 26a. Stream Monitoring Equipment	Dam failure, Flood	County, Bethel Acres, Earlsboro, Shawnee, Tecumseh
31. Hurricane Clips	Earthquake, High Winds, Tornado	County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
33. Cooling Fan Program	Extreme Heat	County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
35. Retention Ponds	Flood, Wildfire	County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
37, 37a. Water Tower	Earthquake, Hail, High Winds, Lightning, Tornado, Wildfire, Winter Storm	County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
39, 39a. Continued NFIP Participation	Dam Failure, Flood	County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
40, 40a. Communications Repeater	Earthquake, Extreme Heat, Flood, Hail, High Winds, Lightning, Tornado, Wildfire, Winter Storm	County, Asher, Bethel Acres, Brooksville, Earlsboro, Johnson, Macomb, Maud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette
51. Re-channel Squirrel Creek	Flooding	County
54. Construct Bridges on 113 Road	Flooding	County
55. Retaining Wall on Propane Road	Flooding	County
57. St. Louis Rd Bridge	Flooding	County
58. 344 Road Tin Horn	Flooding	County

Action Items Accomplished		
Action Item	Hazard Mitigated	Jurisdiction Impacted
59. 353 Road Tin Horn	Flooding	County
60. Dripping Springs Rd Low Water Crossing	Flooding	County
62. Debris Removal Equipment	Flooding, Tornadoes, High Wind	County
63. Salt Spreaders	Winter Storm	County
64. Demolition Trailers	Flooding, High Winds, Tornadoes, Winter Storms	County
65. Response Vehicles	Flooding, tornadoes, winter storms	County
66. Salt Sheds	Winter Storms	County
67. Brush Cutters	Flooding, High Winds, Tornados, Winter Storms	County
68. Debris Grinder	Flooding, Tornadoes, Winter Storms	County
71. Flooding Broadway & 7th	Flooding	Shawnee
73. Flooding between 4300-4400 Block Aydelote	Flooding	Shawnee
74. Flooding at 2 nd and Bell	Flooding	Shawnee
75. Flooding at Kickapoo and Kickapoo Spur	Flooding	Shawnee
78. Rumble Strip Cutter	Winter Storm	County

Action Items Not Accomplished				
Action Item	Hazard Mitigated	Jurisdiction Impacted	Reason Not Accomplished	Is Action Item Still Relevant?
1, 1a. Repetitive Flood Properties	Dam failure, Flood	Shawnee, Tecumseh	Lack of Funding	Y
2, 2a Flood Prone Areas Mitigation	Dam failure, Flood	County, Shawnee, Bethel Acres, Earlsboro, Dale PS, Tecumseh PS, Tecumseh	Lack of Funding	Y
3. Community/School Safe Rooms	High Winds, Tornado	All jurisdictions	Lack of Funding	Y
4, 4a, 4b. Early Warning Devices	Dam Failure, Hail, High Wind, Tornado, Wildfire	All jurisdictions	Ongoing	Y
5. Public Cooling/Warming Stations	Extreme Heat, Winter Storms	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
6, 6a, 6b Special Needs Identification	Dam Failure, Earthquake, Extreme Heat, High Winds, Lightning, Tornado, Wildfire, Winter Storm	County, Bethel Acres, Earlsboro, Johnson, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey Wanette	Ongoing	Y
7. Drought Strategy	Drought	County, Shawnee	Ongoing, Lack of Funding	Y
9. Mobile Home Tie Downs	Earthquake, High Winds, Tornado,	Bethel Acres, Maud, McCloud, Shawnee, Tecumseh,	Not enforceable	Y
10, 10a, 10b, 10c, 10d Public Awareness/ Education	All hazards	All jurisdictions	Lack of funding	Y
11, 11a Bury Utility Lines	Earthquake, Hail, High Winds, Lightning, Tornado, Wildfire, Winter Storm	All jurisdictions	Ongoing	Y
12, 12a, 12b, 12c, 12d Alternative Power Source	All hazards	All jurisdictions	Ongoing	Y
13. Wildfire Awareness/ Education	Wildfire	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
14. 911/ EOC Enhancement	All hazards	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
15. Earthquake Construction Standards	Earthquake, Hail, High Winds, Tornado	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
16. Earthquake Resistant Utilities	Earthquake, Hail, High Winds, Lightning, Tornado, Winter Storm	All jurisdictions	Ongoing	Y

Action Items Not Accomplished				
Action Item	Hazard Mitigated	Jurisdiction Impacted	Reason Not Accomplished	Is Action Item Still Relevant?
17. Dam EAP	Dam Failure, Flood	County	Ongoing	Y
19, 19a, 19b, 19c, 19d. Hazard Awareness / Education Book	All hazards	All jurisdictions	Lack of Interest	N
20, 20a, 20b. Motorist Information Signs	Dam failure, Earthquake, Flood, Tornado, Wildfire, Winter Storm	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing, Lack of Funding	Y
24. Lightning Detection	Lightning	All jurisdictions	Ongoing	Y
25, 25a, 25b, 25c Surge Protection	Earthquake, Extreme Heat, Hail, High Wind, Lightning, Tornado, Winter Storm	All jurisdictions	Ongoing	Y
27, 27a. Flood Prone Roadways	Dam Failure, Flood	County, Bethel Acres, Earlsboro, Shawnee, Tecumseh	Ongoing	Y
28. Flood/Erosion Prevention	Flood	County, Bethel Acres, Earlsboro, Shawnee, Tecumseh	Ongoing	Y
29. Drainage Ditch Improvement	Flood	County, Bethel Acres, Earlsboro, Shawnee, Tecumseh	Ongoing	Y
30, 30a. Hazard Warning Signs	Flood, High Winds, Wildfire, Winter Storm	County, Bethel Acres, Earlsboro, Shawnee, Tecumseh	Ongoing	Y
32. Window Film	Earthquake, Hail Storm, High Winds, Tornado	All jurisdictions	Ongoing	Y
34. Hail Impact Resistant Roofing	Hail	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
36, 36a. Water Wells	Drought, Wildfire	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
38. Xeriscaping	Drought	All jurisdictions	Ongoing	Y
41, 41a, 41b 41c. CERT/MRC Teams	All hazards	All jurisdictions	Lack of manpower	Y
42. Individual Safe Room Program	High Winds, Tornado	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
43. Cedar Eradication	Wildfire	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Lack of funding, lack of manpower	Y

Action Items Not Accomplished				
Action Item	Hazard Mitigated	Jurisdiction Impacted	Reason Not Accomplished	Is Action Item Still Relevant?
44. Rooftop Snow Guards	Winter Storms	All jurisdictions	Lack of funding	N
45. NFIP Education	Flood	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
46. Maintain Floodplain Administrator	Flood	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Ongoing	Y
47. Roll Down Doors	High Winds, Tornado	All jurisdictions	Ongoing	Y
48. Snow Fencing	Winter Storm	All jurisdictions	Lack of Funding	N
49. Individual Window Film Rebate Program	Earthquake, Hail, High Winds, Tornado	County, Asher, Bethel Acres, Brooksville, Earlsboro, Macomb, Maud, McCloud, Pink, St. Louis, Shawnee, Tecumseh, Tribbey, Wanette	Program no longer exists	N
50. Coleman Road Ditch Rd. Ditch Upgrade	Flooding	County	Ongoing	Y
52. Hardesty Rd/Hwy 102	Flooding	County	Ongoing	Y
53. Bethel / New Hope Rd Improvement	Flooding	County	Ongoing	Y
56. Lake Chambers Road Bridge	Flooding	County	Ongoing	Y
61. 347 Road Tin Horn	Flooding	County	Ongoing	Y
69. Flooding Benedict St. & US 177	Flooding	County, Shawnee	Ongoing	Y
70. Flooding MacArthur St. & Runway Tunnel	Flooding	Shawnee	Ongoing	Y
72. Flooding at Union & Wallace	Flooding	Shawnee	Ongoing	Y
76. Flooding at Independence St. & MN	Flooding	Shawnee	Ongoing	Y
77. Flooding at Gordon Cooper & Hardesty Rd	Flooding	Shawnee	Ongoing	Y
79. Dam Inventory Data Deficiency	Dam Failure	County, Shawnee, Dale PS, McCloud, Tecumseh	Ongoing	Y

5.3 CHANGES IN JURISDICTIONAL PRIORITIES

The priorities of the planning area remain consistent with the goals listed under Section 4.3. In the final planning meeting with the participating jurisdictions, the planning team confirmed that there have been no overall changes in the priorities of the planning area as it pertains to hazard mitigation planning and the goals listed in Section 4.3 assist the jurisdictions in prioritizing activities and projects.

1. Protection of lives and property
2. Improved identification and protection of critical facilities
3. Minimize repetitive flooding
4. Inform and educate citizens on all potential hazards
5. Improve response capabilities to natural hazard events

Changes in jurisdictional priorities include the following.

Pottawatomie County: Since the last PHMP, the City of Shawnee and Pottawatomie County have separated the dual jurisdictional role of emergency manager that was previously in place.

Asher: The winter events that occurred in the winter of 2020-2021 caused Asher to prioritize winter preparedness and establish a reliable backup water supply. As detailed under the hazard profiles of Drought and Winter Storm, alternative water supply issues are of significant concern. **Asher** has also prioritized acquiring equipment and improving infrastructure that can withstand future extremely cold temperatures that caused the utilities and services to fail.

Bethel Acres: The Bethel Acres emergency manager oversaw the transition of emergency notification applications from EverBridge and replaced it with CodeRed. (CodeRed is the same application used by Pottawatomie County.) He also refocused Bethel Acres's flooding priority. As shown on the FIRM maps in the Appendix and detailed in the Flood profile, Bethel Acres has minimal a flood plain area in an agricultural area.

Brooksville: The winter events that occurred in the winter of 2020-2021 caused the jurisdictions to prioritize winter preparedness and backup water supply. As detailed under the hazard profiles of Drought and Winter Storm, alternative water supply issues are of significant concern. **Brooksville** has prioritized acquiring equipment and improving infrastructure that can withstand future extremely cold temperatures that caused the utilities and services to fail.

Earlsboro: The Town of Earlsboro town council has begun a more proactive approach to updating their ordinances and codes, along with better enforcement of the codes that relate to property owners cleaning up properties. These actions have resulted in mitigating the potential for fires to start within city limits due to debris and/or overgrown brush. The city is also being more proactive in cleaning up abandoned properties that could also present fire danger within city limits.

Johnson: The town council has not had any changes in the priorities for their community since the last PHMP.

Macomb: The winter events that occurred in the winter of 2020-2021 caused the jurisdictions to prioritize winter preparedness and backup water supply. As detailed under the hazard profiles of Drought and Winter Storm, alternative water supply issues are of significant concern, particularly for Unincorporated Pottawatomie County, Asher, Brooksville, Macomb, Pink, and Wanette.

Maud: The city of Maud has not had any changes in the priorities for their community since the last PHMP.

McCloud: The city of McCloud has not had any changes in the priorities for their community since the last PHMP.

Pink: The winter events that occurred in the winter of 2020-2021 caused the jurisdictions to prioritize winter preparedness and backup water supply. As detailed under the hazard profiles of Drought and Winter Storm, alternative water supply issues are of significant concern.

St. Louis: The town of St. Louis has not had any changes in the priorities for their community since the last PHMP.

Shawnee: Since the last PHMP, the City of Shawnee and Pottawatomie County have separated the dual jurisdictional role of emergency manager that was previously in place. The Shawnee emergency manager has prioritized several new initiatives. One initiative is improving public awareness and education by utilizing social media and promoting the city's app for emergency notifications, Smart911. The second initiative is publicizing the city's storm shelter registration program to improve the documentation of individually owned storm shelters so that in the event of a tornado, potentially trapped residents can be rescued in a timelier manner. To improve response capabilities, Shawnee has also prioritized acquiring equipment that will expand the city's capability to compensate for water outages that the city might experience in the future. The city is also improving the infrastructure to withstand extremely cold temperatures that caused the infrastructure to fail.

Tecumseh: The town of Tecumseh has not had any changes in the priorities for their community since the last PHMP.

Tribbey: The town of Tribbey has not had any changes in the priorities for their community since the last PHMP.

Wanette: The winter events that occurred in the winter of 2020-2021 caused Wanette to prioritize winter preparedness and establishing a reliable backup water supply. As detailed under the hazard profiles of Drought and Winter Storm, alternative water supply issues are of significant concern. Wanette has also prioritized acquiring equipment and improving infrastructure that can withstand future extremely cold temperatures that caused the utilities and services to fail.

The school districts of **Asher, Bethel Acres, Dale, Earlsboro, Grove, Konawa, Macomb, Maud, McCloud, Meeker, North Rock Creek, Pleasant Grove, Shawnee, South Rock Creek, Tecumseh, and Wanette** have not had any changes to their priorities. As with all projects that the respective school districts, the priorities of the school reflect the social and political influences of the school board and the community. Projects are also typically tied to the available funding each school has available.