

# Appendix E

## Jurisdiction Action Strategies



**EAST-WEST GATEWAY**  
**Council of Governments**

Creating Solutions Across Jurisdictional Boundaries



# St. Louis Regional Hazard Mitigation Plan

## Appendix E

### Jurisdiction Action Strategies

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E 1 County Strategies

E 1.1 Franklin County mitigation strategies

Franklin County 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency planning and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1994 - 2004	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	N/A	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Emergency communication (Code Red)	4.2.2, #2	2020 - 2025	High	Emergency Management	Moderate cost : high benefit	\$10,000 - \$55,000 depending on city participation	Ongoing
	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 1.2 Jefferson County mitigation strategies**

**Jefferson County 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	N/A	1998 - 2013	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$4,000,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Emergency communication: Code Red, sirens, planning	4.2.2, #s2 & 4	2020-2025	High	Emergency Management	Moderate cost : high benefit	\$10,000 - \$160,000 depending on city participation, extent, and scope	Ongoing, pending funding
	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 1.3 St. Charles County mitigation strategies**

**St. Charles County 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency planning and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 4,500,000	Pending funding
	Property buyouts	4.2.5, #6	2007 - 2015	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$400,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Emergency communication (SCCMO AlertMe)	4.2.2, #2	2020 - 2025	High	Emergency Management	Moderate cost : high benefit	\$50,000 - \$150,000 depending on participation	Ongoing
	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

SCCMO - St. Charles County Missouri

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 1.4 St. Louis County mitigation strategies

St. Louis County 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 4,500,000	Pending funding
	Property buyouts	4.2.5, #6	2009 - 2015	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$150,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Emergency communication (Nixle)	4.2.2, #2	2020 - 2025	High	Emergency Management	Moderate cost : high benefit	\$50,000 - \$175,000 depending on participation	Ongoing
	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.



E 1.5 City of St. Louis mitigation strategies

City of St. Louis 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - \$4,500,000	Pending funding
	Green infrastructure	4.2.5, #4	2022 - 2025	High	Emergency Management, Planning, Public Works	Including green infrastructure in flood mitigation and infrastructure projects, moderate-to-high cost : moderate-to-high benefit	\$300,000 - \$5,000,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Structural & non-structural retrofit	4.2.7, #6	2021 - 2025	High	Fire Department and Public Works	Fire stations are URM with high cost to retrofit : high benefit	\$150,000 - \$25,000,000	Funding dependent
All	Emergency communication (Nixle)	4.2.2, #2	2020-2025	High	Emergency Management	Moderate cost : high benefit	\$50,000 - \$175,000	Ongoing
	Equipment, including generators	4.2.2, #6	2021 - 2025	High	Emergency Management	Moderate to high cost : high benefit	\$25,000,000 - \$30,000,000	Pending funding
	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

URM - unreinforced masonry

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2 Municipal Mitigation Strategies

E 2.1 City of Arnold mitigation strategies

City of Arnold 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1998 - 2018	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$4,500,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan into City Development Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.2 City of Pacific mitigation strategies

City of Pacific 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	2014	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$2,200,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan into City Development Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.3 City of Wildwood mitigation strategies

City of Wildwood 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan into City Development Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.4 City of Ballwin mitigation strategies

City of Ballwin 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	Med	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1999	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	N/A	Complete
	Retrofit or reconstruct infrastructure	4.2.5, #7	2015 - 2019	High	Public Works	Raising and reconstructing two bridges, high cost : high benefit	N/A	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.5 City of Brentwood mitigation strategies

City of Brentwood 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	Med	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1999	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	N/A	Complete
	Retrofit or reconstruct infrastructure	4.2.5, #7	2019 - 2022	High	Public Works	Brentwood Bound Project, high cost : high benefit	\$80,000,000	Ongoing
	Green infrastructure	4.2.5, #4	2019 - 2022	High	Public Works	Brentwood Bound Project, high cost : high benefit	\$80,000,000	Ongoing
	CRS participation	4.2.5, #3	2016 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.6 Village of Cedar Hill Lakes mitigation strategies

Village of Cedar Hill Lakes 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Pending
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Acquire equipment	4.2.2, #6	2020 - 2025	High	Emergency Management	Necessary equipment can reduce impact from natural disasters; low/medium cost : high benefit	\$200,000	Pending funding
	Integrate HM Plan into City Development Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.



**E 2.7 City of Cottleville mitigation strategies**

**City of Cottleville 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan into City Development Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.8 City of Dardenne Prairie mitigation strategies

City of Dardenne Prairie 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	Med	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Green infrastructure	4.2.5, #4	2015 - 2020	High	Public Works	Park redesign to address stormwater, low cost : moderate benefit	N/A	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.9 City of Eureka mitigation strategies

City of Eureka 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1998 - 2018	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$360,000	Complete
	Retrofit or reconstruct infrastructure	4.2.5, #7	2020 - 2025	High	Public Works	Downtown flood wall(s) construction, high cost : high benefit	\$7,500,000 - \$8,000,000	Pending USACE approval
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	<a href="#">Planning, Flood Protection Plan</a>	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 2.10 City of Kirkwood mitigation strategies**

**City of Kirkwood 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan into City Development Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 2.11 City of Ladue mitigation strategies**

**City of Ladue 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 2.12 City of Lake St. Louis mitigation strategies**

**City of Lake St Louis 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 2.13 City of Manchester mitigation strategies**

**City of Manchester 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	Med	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.14 City of O’Fallon mitigation strategies

City of O’Fallon 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1999	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	N/A	Complete
	CRS participation	4.2.5, #3	2017 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.



**E 2.15 City of Pasadena Hills mitigation strategies**

**City of Pasadena Hills 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	Med	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.16 City of Portage Des Sioux

City of Portage Des Sioux 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1999 - 2003	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$300,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.17 City of St. Charles

City of St Charles 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1997 - 1999	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$2,500,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.18 City of St. Clair mitigation strategies

City of St Clair 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1996 - 1997	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$150,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.19 City of St. Peters mitigation strategies

City of St Peters 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	1999	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	N/A	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.20 City of Town and Country

City of Town and Country 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.21 City of Union mitigation strategies

City of Union 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	Property buyouts	4.2.5, #6	2001	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$1,200,000	Complete
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 2.22 City of Warson Woods mitigation strategies**

**City of Warson Woods 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	Med	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.



**E 2.23 City of Wentzville mitigation strategies**

**Wentzville 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	Med	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2021 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Regional EOP Appendix. Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 2.24 City of Winchester mitigation strategies**

**City of Winchester 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.25 City of De Soto mitigation strategies

City of De Soto 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$500,000 - 1,000,000	Pending funding
	Upper Joachim Floodplain Management Plan (USACE)	4.2.5, A	2020 - 2025	High	Emergency Management and Public Works	USACE plan has multiple strategies specific to Upper Joachim Creek: costs and benefits vary	N/A	Ongoing
	Green infrastructure	4.2.5, #4	2019 - 2022	High	Public Works	Using nature based solutions has varying costs levels, moderate cost : high benefit	\$30,000 - \$50,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Risk assessments and mitigation planning	4.2.2, #4	2022 - 2025	Med	All	Low to moderate cost : high benefit	N/A	Ongoing
	Current building codes	4.2.2, #7	2023 - 2025	High	City Manager	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan into City's Master Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.26 City of Chesterfield mitigation strategies

**Chesterfield 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management, Planning, and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - \$4,000,000	Pending funding
	Green infrastructure	4.2.5, #4	2022 - 2025	High	Public Works	Reduce impact of stormwater, medium to high cost : medium to high benefit	\$250,000 - \$1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Planning	No/absorbed cost : high benefit	N/A	Ongoing
All	Emergency communication (Nixle)	4.2.2, #2	2020-2025	High	Emergency Management	Moderate cost : high benefit	\$35,000/year	Ongoing
	Current building codes	4.2.2, #7	2023 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.27 City of Florissant mitigation strategies

City of Florissant 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2022 - 2025	Med	Emergency Management, Planning, and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$4,800,000 -\$8,500,000	Pending funding
	Floodplain / stormwater plans	4.2.5, #3	2022 - 2025	High	Planning	Adoption of floodplain and/or stormwater management plans, low-to-moderate cost : high benefit	\$80,000,000	Pending funding
	CRS participation	4.2.5, #3	1995 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
	Green infrastructure	4.2.5, #4	2022 - 2025	High	Planning, Public Works	Including green infrastructure in flood mitigation and infrastructure projects, moderate-to-high cost : moderate-to-high benefit	\$800,000 - \$5,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.28 City of Hazelwood mitigation strategies

Hazelwood 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management, Planning, and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$1,000,000 - \$80,000,000	Pending funding
	Retrofit /reconstruct infrastructure	4.2.5, #7	2020 - 2025	High	Emergency Management and Public Works	Retrofit or reconstruct existing critical city facilities for flood resiliency, high cost: high benefit	\$1,000,000 - \$35,000,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Planning	No/absorbed cost : high benefit	N/A	Ongoing
All	Emergency communication (Swift 911)	4.2.2, #2	2020-2025	High	Emergency Management	Moderate cost : high benefit	\$35,000/year	Ongoing
	Current building codes	4.2.2, #7	2023 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing
	Acquire necessary equipment (generators)	4.2.2, #6	2023 - 2025	High	Emergency Management and Public Works	Generators enable continuity of operations and life-saving activities, moderate cost : high benefit	\$250,000 - \$1,000,000	Pending funding
	Infrastructure improvements (roadways)	4.2.2., #9	2023 - 2025	High	Planning and Public Works	Road sensors alert city operations, including Public Works and Public Safety to road conditions	\$500,000 - \$2,500,000	Pending funding

	which may be hazardous, moderate to high cost : high benefit
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HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.29 City of Maryland Heights mitigation strategies

City of Maryland Heights 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management, Planning, and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - \$1,500,000	Pending funding
	Retrofit or reconstruct infrastructure	4.2.5, #7	2017 - 2020	High	Public Works	Stormwater drainage improvements to reduce flooding, high cost : high benefit	\$4,000,000	Complete
	Green infrastructure	4.2.5, #4	2022 - 2025	High	Public Works	Reduce impact of stormwater, medium to high cost : medium to high benefit	\$250,000 - \$1,500,000	Pending funding
	CRS participation	4.2.5, #3	2013 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2022 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.



E 2.30 City of University City mitigation strategies

City of University City 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management, Planning, and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$1,500,000 - \$4,000,000	Pending funding
	Property buyouts	N/A	2008 - 2019	High	Emergency Management, Planning, and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$3,800,000	Complete
	Localized/non-localized flood risk reduction	4.2.5, #12	2023 - 2025	High	Planning and Public Works	Use stormwater detention basins to reduce flooding	\$10,000,000	Pending funding
	Green infrastructure	4.2.5, # 4	2023 - 2025	Medium	Planning and Public Works	Use green infrastructure with buyouts and stormwater basins to reduce flooding	\$250,000 - \$2,000,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Emergency communication (Code Red)	4.2.2, #2	2020-2025	High	Emergency Management	Moderate cost : high benefit	\$35,000/year	Ongoing
	Current building codes	4.2.2, #7	2023 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing
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HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 2.31 City of Webster Groves mitigation strategies**

**City of Webster Groves 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$1,500,000 - \$2,000,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Current building codes	4.2.2, #7	2023 - 2025	High	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 2.32 City of Breckenridge Hills mitigation strategies**

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	High	Emergency Management, Planning, and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$1,000,000 - \$4,000,000	Pending funding
	Localized/non-localized flood risk reduction	4.2.5, #12	2023 - 2025	High	Planning and Public Works	Use stormwater detention basins to reduce flooding	\$1,000,000	Pending funding
	Green infrastructure	4.2.5, # 4	2023 - 2025	Medium	Planning and Public Works	Use green infrastructure with buyouts and stormwater basins to reduce flooding	\$250,000 - \$2,000,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Emergency communication (Code Red)	4.2.2, #2	2020-2025	Medium	Emergency Management	Low to no cost : high benefit	Breckenridge Hills uses St. Louis County's Code Red	Ongoing
	Current building codes	4.2.2, #7	2023 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 2.33 City of Creve Coeur mitigation strategies

City of Creve Coeur 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
Flood	Property buyouts	4.2.5, #6	2020 - 2025	Med	Emergency Management and Public Works	Permanent removal of structures eliminates future repetitive losses, high cost : high benefit	\$250,000 - 1,500,000	Pending funding
	NFIP participation	4.2.5, #3	2020 - 2025	High	Public Works	No/absorbed cost : high benefit	N/A	Ongoing
All	Joint purchases and equipment	4.2.2, #5	2022 - 2025	High	Emergency Management	Moderate cost : high benefit	\$30,000 - \$90,000	Pending funding
	Acquire life saving equipment	4.2.2., #6	2022 - 2025	High	Emergency Management	Moderate cost : high benefit	\$30,000 - \$100,000	Pending funding
	Current building codes	4.2.2, #7	2023 - 2025	Low	Public Works	Low to no cost : high benefit	N/A	Ongoing
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Planning	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3 School District Strategies

E 3.1 Rockwood R-VI School District mitigation strategies

Rockwood R-VI School District 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.2, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$1,700,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake**	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

\*\*Rockwood School District is located in Franklin County and is only required to comply with RSMo §160.455.

E 3.2 St. Clair R-XIII School District mitigation strategies

St. Clair R-XIII School District 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.2, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$6,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.



**E 3.3 Dunklin R-V School District mitigation strategies**

**Dunklin R-V School District 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3.4 Fort Zumwalt R-II School District mitigation strategies

**Fort Zumwalt R-II School District 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3.5 Francis Howell R-III School District mitigation strategies

**Francis Howell R-III School District 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3.6 Hancock Place School District mitigation strategies

Hancock Place School District 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3.7 Hazelwood School District mitigation strategies

Hazelwood School District 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3.8 Lindbergh School District mitigation strategies

Lindbergh School District 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3.9 Northwest R-I School District

Northwest R-I School District 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$6,000,000	Pending funding
	Plan integration	4.2.2, #8	2021 - 2025	High	Superintendent	Capital Improvement Plan integration - Low to no cost : high benefit	N/A	Ongoing
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Tornado	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	High cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Essential building retrofit	4.2.3, #4	2021 - 2025	High	Superintendent	Relatively low cost : high benefit	\$150,000 - \$250,000	Pending funding
Wind	Wind retrofit	4.2.4, #5	2021 - 2025	High	Superintendent	Relatively low cost : high benefit	\$150,000 - \$250,000	Pending funding
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

**E 3.10 Ritenour School District mitigation strategies**

**Ritenour School District 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.



E 3.11 Valley Park School District mitigation strategies

Valley Park School District 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$6,000,000	Pending funding
	Plan integration	4.2.2, #8	2021 - 2025	High	Superintendent	Capital Improvement Plan integration - Low to no cost : high benefit	N/A	Ongoing
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Flood	Flood mitigation	4.2.5, #4, #12	2021 - 2025	High	Superintendent	Relatively high cost : high benefit	\$150,000 - \$250,000	Pending funding
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3.12 Washington School District mitigation strategies

Washington School District 2020 - 2025 Hazard Mitigation Strategies\*

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$4,000,000 - \$7,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 3.13 Meramec Valley R-III School District mitigation strategies

**Meramec Valley R-III School District 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
All	Safe room	4.2.3, #1	2020 - 2025	High	Superintendent	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$20,000,000	Pending funding
	Risk assessment (all hazards)	4.2.2, #4	2020 - 2025	High	Superintendent	No/absorbed cost : high benefit	N/A	Ongoing
Earthquake	Promote preparation**	4.2.7, #4	2020 - 2025	High	Superintendent	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.

E 4 Special District Strategies

**E 4.1 Meramec Ambulance District**

**Meramec Ambulance District 2020 - 2025 Hazard Mitigation Strategies\***

Mitigated Hazard	Action / Strategy	Corresponding HM Plan Strategy	Plan year(s)	Priority	Responsible party	Cost/Benefit	Cost (estimated)	Status
<b>All</b>	Safe room	4.2.3, #1	2020 - 2025	Med	Chief	Constructing safe rooms reduces likelihood of severe injury and death; high cost : high benefit	\$1,000,000 - \$3,000,000	Pending funding
	Acquire equipment	4.2.2, #6	2020 - 2025	High	Chief	Necessary equipment can reduce impact from natural disasters; low/medium cost : high benefit	\$200,000	Pending funding
	Integrate HM Plan	4.2.2, #8	2020 - 2025	High	Chief	Low to no cost : high benefit	N/A	Ongoing

HM - Hazard Mitigation

\*A comprehensive review of all mitigation strategies for the jurisdictions represented in the 2020 - 2025 St. Louis Regional Hazard Mitigation Plan can be found in Section 4.