

City of Lewiston

Location: The City of Lewiston, incorporated in 1795 as Lewistown, and renamed to Lewiston in 1863. With a land area of 35.53 square miles, Lewiston is the seventh largest jurisdiction in Androscoggin County. The City of Lewiston shares borders with Greene to the north, Sabattus to the east, Lisbon to the southeast, and Auburn to the west.

Population: According to the U.S. Census Bureau, the City of Auburns population is 37,121, as of 2020. The City of Lewiston has steadily increased in population between 2010-2020. The Maine State Economist projects that Androscoggin County will continue to gradually increase in population over the coming years. Projections show a 2030 population of 113,477, which is an increase of 2,438 or 2.2%.¹

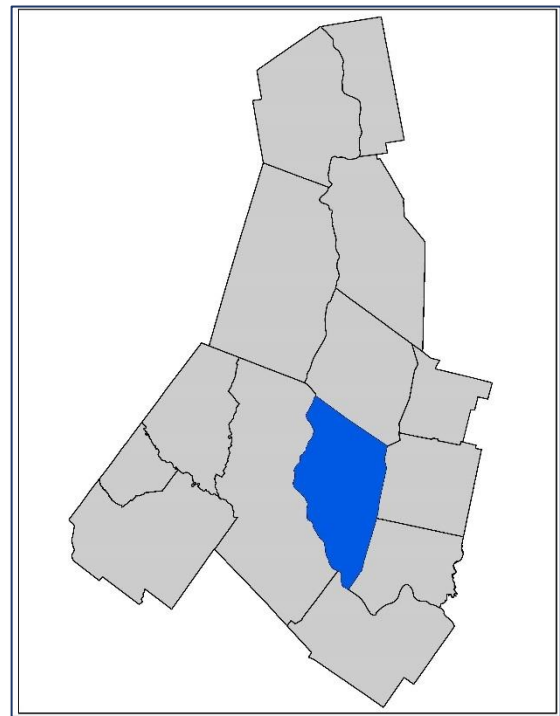


Table A19: Population of Lewiston and Androscoggin County 1930 - 2020

Year	Lewiston	Androscoggin County
1930	34,948	71,214
1940	38,598	76,679
1950	40,974	83,594
1960	40,804	86,312
1970	41,779	91,279
1980	40,481	99,657
1990	39,757	105,259
2000	35,690	103,793
2010	36,592	107,702
2020	37,121	111,139
1930-40 Change	10.4%	7.7%
1940-50 Change	6.1%	9.0%
1950-60 Change	0.0%	3.3%
1960-70 Change	2.3%	5.8%
1970-80 Change	0.0%	9.2%
1980-90 Change	0.0%	5.6%
1990-00 Change	-1.0%	-1.4%
2000-10 Change	2.5%	3.8%
2010-20 Change	1.4%	3.2%

¹[Maine State Economist Population Outlook](#)

Source: US Census

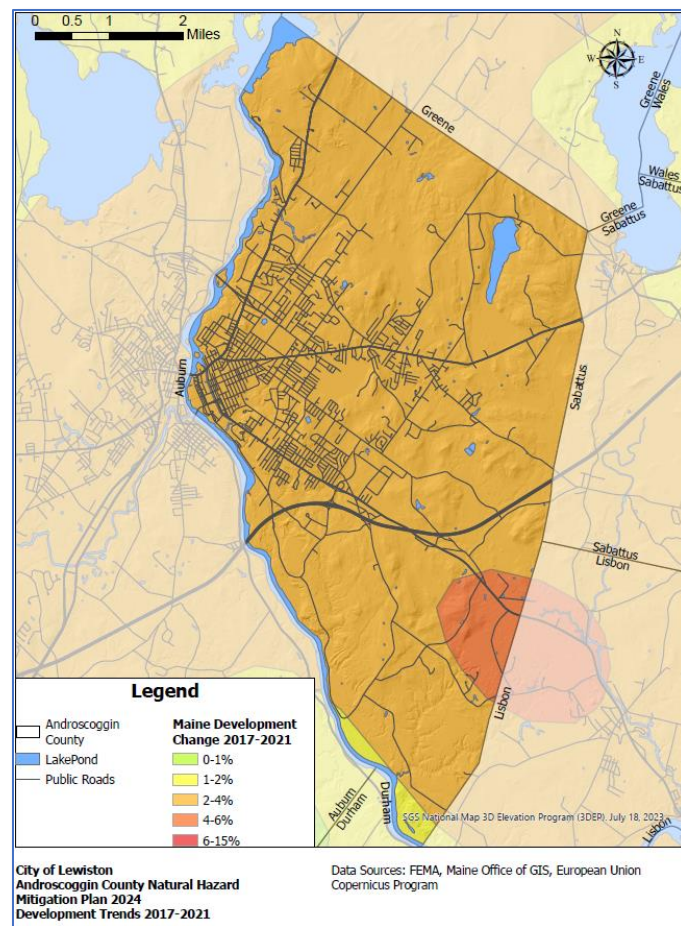
Demographics: The following table shows key demographic characteristics for Androscoggin County, as well as the State of Maine and the United States as a whole. Androscoggin County’s population is older than the United States as a whole, but is younger than the State of Maine average, as reflected in the “Population under 18” statistic.

Table A20: Demographic Survey 2020			
Measure	Lewiston	Androscoggin County	Maine
Population			
Total Population	37,121	111,147	1,362,359
Population Under 5 Years	5.7%	5.8%	4.7%
Population Under 18 Years	20.1%	21.0%	18.4%
Population 65 and Over	17.9%	17.1%	20.3%
Race - White Alone	83.4%	86.9%	90.8%
Race - Black or African American Alone	7.3%	5.9%	1.9%
Race - American Indian & Alaska Native Alone	0.2%	0.4%	0.6%
Race - Asian Alone	2.0%	0.8%	1.2%
Race - Native Hawaiian & Other Pacific Islander Alone	0.0%	0.1%	0.0%
Race - Some Other Race Alone	0.2%	0.7%	0.7%
Race - Two or More Races	5.9%	5.2%	4.7%
Housing			
Median Value of Owner-Occupied Units 2017-2021	\$157,500	\$175,100	\$212,500
Total Households 2017-2021	15,588	45,770	571,064
Persons per Household 2017-2021	2.20	2.34	2.31
Education			
High school graduate or higher, persons 25 and over 2017-	88.0%	91.8%	93.7%
Bachelor's degree or higher, persons 25 and over 2017-2021	21.3%	22.9%	33.6%
Economy			
In civilian labor force, population 16+, 2017-2021	61.4%	64.6%	62.7%
Mean travel time to work, minutes, workers 16+, 2017-2021	20.0	24.3	24.3
Income and Poverty			
Median household income, in 2021, dollars, 2017-2021	\$48,069	\$59,287	\$63,182
Per capita income in past 12, months, in 2021 dollars, 2017-	\$27,856	\$31,688	\$36,171
Persons in poverty, percent	16.3%	14.0%	11.5%
Geography			
Population Density (persons/sq. mi. 2020)	1,087.1	237.5	44.2

Source: [US Census 2020](#)

Changes in Development: There has been no significant change in vulnerability in the City of Lewiston over the past five years. Land use within Lewiston ranges from urban to suburban residential areas, as well as farm and forest land. A detailed breakdown of changes in development is included in Element E – Plan Update, including the Sentinel 2 Satellite Data map, shown here. Satellite data used to assess changes in development pursued in this plan was the use of remote sensing data to estimate trends in land use changes and identify where these changes may intersect with hazard prone areas. Sentinel satellite imagery used to categorize land cover/land use type provide for change detection in global development at a 30-meter resolution over multiple years. This analysis can be replicated for any location on earth from 2017-2021.

Figure A6: City of Lewiston Changes in Development 2017-2021 using Sentinel 2 satellite data.



Economic Trends & Largest Employers: The City of Lewiston has experienced growth in economic development in the past five year according to the Department of Labor. According to data from the Maine Department of Labor, in the 1st quarter of 2023, the 3 largest employers in the City of Lewiston are TD Bank and Wal-Mart Associates. The table below shows the 5 largest employers in the City of Auburn.

Table A21 City of Auburn Largest Employers by Rank 1st Quarter 2023		
Company Name	Description	Employment Range
T D Bank N A	Telemarketing Bureaus & Other Contact Centers	1 to 500
Wal-Mart Associates Inc	Warehouse Clubs and Supercenters	1 to 500
T D Bank N A	Corporate, Subsidiary & Regional Managing Offices	1 to 500
VIP Discount Auto Center	Corporate, Subsidiary & Regional Managing Offices	1 to 500

[Source: Maine Center for Workforce Research and Information](#)

Transportation: Large volumes of traffic pass through Androscoggin County either to locations within or beyond the county’s borders. Interstate 95 is the primary route of travel for motor vehicle traffic in Maine. Highway exits are located in Auburn, Lewiston and Sabattus, allowing for significant amounts of traffic to be brought into Androscoggin County. Androscoggin County has a bus-based mass transit system served by Western Maine Transportation, Greyhound Bus Lines and Concord Bus Lines. All 8 school districts in Androscoggin County have buses used to transport students.

- **Highways.** Androscoggin County is served by the Maine Turnpike (part of Interstate 95), with exits in Auburn, Lewiston and Sabattus. US Route 202 serves to connect the western and eastern portions of the county. Major state routes in the area include Routes 26 and 121 serving the western part of the county, Route 196 providing connections south to the Brunswick/Topsham area, Routes 126 serving the eastern towns and Route 4 serving the north. Route 4 also provides access from Franklin County to the Maine Turnpike.

- **Rail.** Androscoggin County does not currently have regular passenger rail service but does have a freight rail network with 57 grade crossings across the county. The St. Lawrence & Atlantic connects to Canada via New Hampshire, and CSX Transportation (formerly Pan Am Railways) provides connections to the southern and eastern portions of Maine.
- **Airports.** The Auburn-Lewiston Municipal Airport supports local and regional general aviation, flight training, cargo, and a large volume of corporate activity. The airport has two runways: one 5,001 feet in length and one 2,750 feet in length. The airport is owned and operated jointly by the cities of Auburn and Lewiston.
- **Hazardous Material Routes.** Hazardous materials are shipped throughout Androscoggin County. Routes are monitored by the State, County, and towns and will not be discussed further in this plan.

Hazard Mitigation Planning Team: The City of Lewiston followed the process as described in Element A. This data set was developed over the course of several months with input from many jurisdiction representatives. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization. The following table summarizes who participated and in what capacity. Additional documentation on the municipality's planning process through Project Planning workshop is included in Element A - Planning Process and Appendix D (Meeting Documentation).

Table A22: Jurisdiction Planning Team - Lewiston					
Primary Point of Contact					
Name: Brian O'Malley Title: Assistant City Administrator Address: 27 Pine Street, Lewiston, ME, 04240 Phone Number: 207-513-3121 x3201 Email: bomalley@lewistonmaine.gov					
NFIP Floodplain Administrator					
Name: David Hediger Title: Director of Planning and Code Address: 27 Pine Street, Lewiston, ME, 04240 Phone Number: 207-513-3125 x3222 Email: dhediger@lewistonmaine.gov					
Name	Title and Department	Kickoff	Seminar	Workshop	Survey
Brian O'Malley	Assistant City Administrator	X	X	X	
Kevin Gagne	Water & Wastewater Superintendent	X	X	X	X
Mark Caron	Fire Chief	X	X	X	
Mark Anderson	Assistant Fire Chief	X		X	
John Skelley	City Engineer	X			
Tyler Michaud	Police Sergeant/HAZMAT Team Chief		X		

Project Worksheet - Codes & Regulations - Lewiston

Building Codes

Adopted, if yes when?			Have aspects of the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		12/28/2021	If no, add Mitigation project # if applicable.	
Comments				
<ul style="list-style-type: none"> • Maine Uniform Building and Energy Code (MUBEC) was established in 2010 for all municipalities with more than 4,000 residents • Building Codes are specified in the City Code of Ordinances Chapter 18 				

Town Zoning Ordinances

Adopted, if yes when?			Have aspects of the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		1/9/1988	If no, add Mitigation project # if applicable.	
Comments				
<ul style="list-style-type: none"> • Maine municipalities can adopt ordinances under MSRA 30-A Chapter 141 • Zoning and Land Use codes are included in City Code of Ordinances Appendix A Zoning & Land Use Code Articles I – XVII 				

Local Subdivision Regulations

Adopted, if yes when?			Have aspects of the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		1/9/1988	If no, add Mitigation project # if applicable.	
Comments				
<ul style="list-style-type: none"> • Maine Subdivision law is described in MSRA 30-A Chapter 187 Subchapter 4 • Subdivision regulations are included in multiple parts of City Ordinances Appendix A Zoning & Land Use Code Articles I – XVII 				

Storm water Management

Adopted, if yes when?			Have aspects of the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		7/27/2006	If no, add Mitigation project # if applicable.	
Comments				
<ul style="list-style-type: none"> • Stormwater Management is required under MSRA 30-A Chapter 161 for sewers and MSRA 38 Section 420-D for certain construction projects. • Stormwater management is specified in the City Code of Ordinances Chapter 74 Article IV • The city has a Municipal Separate Storm Sewer System Permit (MS4) Stormwater Management Plan 				

Project Worksheet - Codes & Regulations - Lewiston

Comprehensive Plan/Master Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?
YES	NO	DATE	If yes, describe how in comments.
X		1/17/2017	If no, add Mitigation project # if applicable.

Comments

- Comprehensive plans are developed by the municipality and reviewed by the state [Department of Agriculture, Conservation and Forestry](#)

Shoreland Management Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?
YES	NO	DATE	If yes, describe how in comments.
X		9/21/2021	If no, add Mitigation project # if applicable.

Comments

- Shoreland Zoning Plans are required in all municipalities under [MSRA 3 Article 2-B](#)
- City specifies this in the City Code of Ordinances in [Appendix A Article XII Section 2](#)

Floodplain Management Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?
YES	NO	DATE	If yes, describe how in comments.
X		9/21/2021	If no, add Mitigation project # if applicable.

Comments

- Lewiston's Floodplain Management Plan is part of the City Code of Ordinances [Appendix A Zoning & Land Use Code Article XIV](#)
- Lewiston joined the National Flood Insurance Program (NFIP) in September 28, 1979.
- This program is administered by the city Planning & Code Enforcement office.

Business/Economic Development Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?
YES	NO	DATE	If yes, describe how in comments.
X		7/1/2021	If no, add Mitigation project # if applicable.

Comments

- Lewiston has both annual and 5-year Economic & Community development plans

Project Worksheet - Codes & Regulations - Lewiston

Comprehensive Emergency Management Plan/Emergency Operations Plan

Adopted, if yes when? Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?

YES NO DATE If yes, describe how in comments.

X 9/1/2013 If no, add Mitigation project # if applicable.

Comments

- Municipalities are required to have an Emergency Operations Plan under [MSRA 37-B Section 783](#)
- Lewiston and Auburn have a joint Emergency Operations plan

Continuity of Operations Plan

Adopted, if yes when? Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?

YES NO DATE If yes, describe how in comments.

X If no, add Mitigation project # if applicable.

Comments

- Municipal Continuity of Operations plans are encouraged, but not required under state law

Debris Management Plan

Adopted, if yes when? Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?

YES NO DATE If yes, describe how in comments.

X 2/14/2014 If no, add Mitigation project # if applicable.

Comments

- Municipal Debris Management Plans must be approved by the state Department of Environmental Protection
- Lewiston uses their Municipal Solid Waste Facility at 424 River Road (DEP license S-005242-WD-C-N) as its debris management site

Public Health Plan

Adopted, if yes when? Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?

YES NO DATE If yes, describe how in comments.

X 6/7/2016 If no, add Mitigation project # if applicable.

Comments

- Lewiston has a local Public Health officer as required under [MSRA 22 Chapter 153](#).
- Lewiston has developed the [Lewiston Area Public Health Committee](#) as an advisory board to elected officials regarding public health policy issues

Project Worksheet - Project Development				
Project Name:	Jepson Brook Stormwater Improvements			
Project Number:	2024-Lewiston-001			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding			
Description of the Problem:	Flooding causing over topping of drainage system causing street flooding, home/building flooding and erosion, property damage and risk to life.			
Action or Project Intended for Implementation				
Description of the Solution:	Modify and construct channel and storm system improvements as recommended by CDM report to increase system capacity from 10-year storm to 50-year storm event.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	50 Year Storm	Estimated Benefits (losses avoided):	Reduce road and property damage	
Useful Life:	100 years	Goal(s) Met:	1,3,5	
Estimated Cost:	\$1,100,000	Mitigation Action Type:	Structure/Infrastructure Project	
Plan for Implementation				
Prioritization:	High	Desired Timeframe for Implementation:	3 Years	
Est. Time Required for Project Implementation:	3 Years	Potential Funding Sources:	HMGP, FMA, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Stormwater Management	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Flooding continues	
	Remove existing residential homes	High	Homes cannot be removed	
	Install new storm system	High	No alternative routes	

Project Worksheet - Maintenance

Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Jepson Brook Stormwater Improvements		
Project Number:	2024-Lewiston-001		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	1		
Cost-Effectiveness	1		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	1		
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	0		
Total	10	Priority (High/Med/Low)	High

Project Worksheet - Project Development				
Project Name:	Gully Brook Stormwater Improvements			
Project Number:	2024-Lewiston-002			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding			
Description of the Problem:	Gully Brook drainage system converges at Lewiston Public Works and has flooded during large or intense storms due to storm capacity, Flooding building and equipment.			
Action or Project Intended for Implementation				
Description of the Solution:	Study storm system and design and construct improvements to reduce flooding and reduce risk of property damage and possible life safety			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	20+ Year Storm	Estimated Benefits (losses avoided):	Reduce flooding damage and potential loss of life	
Useful Life:	100+ years	Goal(s) Met:	1,3, and 5	
Estimated Cost:	\$500,000	Mitigation Action Type:	Structure/Infrastructure Project	
Plan for Implementation				
Prioritization:	High	Desired Timeframe for Implementation:	2 Years	
Est. Time Required for Project Implementation:	2 Years	Potential Funding Sources:	HMGP, FMA, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Stormwater Management	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Flooding and damage continues	
	Close road & relocate Public Works	High (\$10 Million)	Not feasible at this time	
	Install new storm system	High	No alternative routes	

Project Worksheet - Maintenance

Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Gully Brook Stormwater Improvements		
Project Number:	2024-Lewiston-002		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	1		
Cost-Effectiveness	1		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	0		
Administrative	1		
Multi-Hazard	1		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	0		
Total	10	Priority (High/Med/Low)	High

Project Worksheet - Project Development				
Project Name:	Randall Road Wastewater Pump Station			
Project Number:	2024-Lewiston-003			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding			
Description of the Problem:	During heavy, intense rain, No Name Brook and drainage area overwhelm Randall Road Pump Station and cause property damage and possible sewer release (SSO).			
Action or Project Intended for Implementation				
Description of the Solution:	Study drainage system and design hazard adaptation to protect Randal Road Pump Station and increase storm capacity to prevent or minimize flooding			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	20+ Year Storm	Estimated Benefits (losses avoided):	Reduce road and property damage	
Useful Life:	25+ years	Goal(s) Met:	2	
Estimated Cost:	\$200,000	Mitigation Action Type:	Structure/Infrastructure Project	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 5 Years	
Est. Time Required for Project Implementation:	2 Years	Potential Funding Sources:	HMGP, FMA, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Stormwater Management	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Flooding and damage continue	
	Relocate pump station	High (\$5 Million)	Significant work and no alternate site	
	Relocate No Name Brook	High	Won't get permits to move brook	

Project Worksheet - Maintenance	
Status Report (for plan maintenance) Year 1	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	
Status Report (for plan maintenance) Year 2	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	
Status Report (for plan maintenance) Year 3	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	
Status Report (for plan maintenance) Year 4	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	
Status Report (for plan maintenance) Year 5	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Randall Road Wastewater Pump Station		
Project Number:	2024-Lewiston-003		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	1		
Cost-Effectiveness	1		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	0		
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	0		
Total	9	Priority (High/Med/Low)	Medium

Project Worksheet - Project Development				
Project Name:	Main Street Drinking Water Pump Station			
Project Number:	2024-Lewiston-004			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding, Dam Breach			
Description of the Problem:	With flooding conditions or catastrophic failure of Gulf Island Dam, damage or loss of function of Main Street Pump Station, which is the only drinking water pump station for Lewiston.			
Action or Project Intended for Implementation				
Description of the Solution:	Study and design/build hazard/flood adaptation to protect and maintain operations of Main Street Pump Station or relocate to a lower hazard area.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	100+ Year Storm/Dam Breach	Estimated Benefits (losses avoided):	Avoid loss of drinking water pump station	
Useful Life:	50+ years	Goal(s) Met:	1,2	
Estimated Cost:	\$200,000	Mitigation Action Type:	Structure/Infrastructure Project	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 5 Years	
Est. Time Required for Project Implementation:	2 Years	Potential Funding Sources:	HMGP, FMA, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Hazard Mitigation, Emergency Preparedness	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Loss of pumps from possible flood	
	Relocate pump station	High	Pipe system won't handle pressure	

Project Worksheet - Maintenance

Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Main Street Drinking Water Pump Station		
Project Number:	2024-Lewiston-004		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	1		
Cost-Effectiveness	0		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	0		
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	1	Safe drinking water and economic development	
Total	9	Priority (High/Med/Low)	Medium

Project Worksheet - Project Development				
Project Name:	Tall Pines Sewer Interceptor			
Project Number:	2024-Lewiston-005			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding, Dam Breach			
Description of the Problem:	Large/intense storms causing erosion of sewer interceptor and failure with loss of sewerage, release to river (SSO).			
Action or Project Intended for Implementation				
Description of the Solution:	Study, design and build hazard/flood adaptation for pump station and armoring of sewer interceptor for 100-year flood and dam breach inundation.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	50+ Year Storm/Dam Breach	Estimated Benefits (losses avoided):	Maintain Clean Water	
Useful Life:	50-100 years	Goal(s) Met:	1,2	
Estimated Cost:	\$200,000	Mitigation Action Type:	Structure/Infrastructure Project	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 5 Years	
Est. Time Required for Project Implementation:	2 Years	Potential Funding Sources:	HMGP, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Hazard Mitigation, Stormwater Management	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Possible flooding/erosion	
	Relocate pump station and interceptor	High	Not possible to move interceptor	

Project Worksheet - Maintenance

Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Tall Pines Sewer Interceptor		
Project Number:	2024-Lewiston-005		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	0		
Cost-Effectiveness	0		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	0		
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	0		
Total	7	Priority (High/Med/Low)	Medium

Project Worksheet - Project Development				
Project Name:	Lake Auburn Drinking Water Treatment Plant			
Project Number:	2024-Lewiston-006			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding			
Description of the Problem:	Large/intense storms causing erosion in Lake Auburn watershed causing poor water quality and loss of drinking water source.			
Action or Project Intended for Implementation				
Description of the Solution:	Design and build drinking water filtration system and erosion protection in watershed.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	Design per site	Estimated Benefits (losses avoided):	Maintain safe drinking water	
Useful Life:	20 years	Goal(s) Met:	1,2	
Estimated Cost:	\$60,000,000	Mitigation Action Type:	Structure/Infrastructure Project	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 5 Years	
Est. Time Required for Project Implementation:	3 Years	Potential Funding Sources:	HMGP, FMA, BRIC Budget	
Responsible Organization:	City of Lewiston, Auburn Water District	Local Planning Mechanisms to be Used in Implementation:	Hazard Mitigation, Emergency Preparedness	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Big storm causes loss of filtration waiver	
	Change source of drinking water	High	Not feasible, would require filtration	
	Drill wells	High	No feasible wells available	

Project Worksheet - Maintenance

Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Lake Auburn Drinking Water Treatment Plant		
Project Number:	2024-Lewiston-006		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	0		
Cost-Effectiveness	1		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	1	Safe drinking water for Lewiston and Auburn	
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1		
Community Objectives	1	Safe drinking water and community development	
Total	10	Priority (High/Med/Low)	High

Project Worksheet - Project Development				
Project Name:	Main Street/Route 202 Stormwater Improvements			
Project Number:	2024-Lewiston-007			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding			
Description of the Problem:	Large/intense storms causing flooding of low area of Main Street/Route 202 under railroad bridge. Possible vehicle damage, loss of life and cut off of major emergency route.			
Action or Project Intended for Implementation				
Description of the Solution:	Study, design and build storm improvements to reduce flooding and reduce risk of vehicle damage/loss of life and maintain critical emergency vehicle response route.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	25+ Year Storm	Estimated Benefits (losses avoided):	Vehicle damage, loss of life	
Useful Life:	50-100 years	Goal(s) Met:	1	
Estimated Cost:	\$250,000	Mitigation Action Type:	Stormwater/ Infrastructure Project	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 5 Years	
Est. Time Required for Project Implementation:	1-2 Years	Potential Funding Sources:	HMGP, FMA, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Hazard Mitigation, Emergency Preparedness	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Possible flood damage, loss of life	
	Re-align railroad tracks at grade	High	Not feasible, risk of train accident	
	Reroute Main Street/ Route 202	High	Not Feasible, no other routes	

Project Worksheet - Maintenance	
Status Report (for plan maintenance) Year 1	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	
Status Report (for plan maintenance) Year 2	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	
Status Report (for plan maintenance) Year 3	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	
Status Report (for plan maintenance) Year 4	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	
Status Report (for plan maintenance) Year 5	
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Main Street/Route 202 Stormwater Improvements		
Project Number:	2024-Lewiston-007		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0	Frequency of flooding and intensity is unpredictable	
Property Protection	0	Frequency of flooding and intensity is unpredictable	
Cost-Effectiveness	1		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	0		
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	0		
Total	8	Priority (High/Med/Low)	Medium

Project Worksheet - Project Development				
Project Name:	Oak Street Area Storm Drain Improvements			
Project Number:	2024-Lewiston-008			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding			
Description of the Problem:	Large/intense storms causing flooding of downtown area and flooding Androscoggin County EOC/EMA and Lewiston Central Fire Station. Loss of emergency services center			
Action or Project Intended for Implementation				
Description of the Solution:	Study, design and build storm drain improvements to reduce flooding and reduce risk of damage to property, maintain emergency operations and protect life.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	25+ Year Storm	Estimated Benefits (losses avoided):	Property Damage, Emergency Operations	
Useful Life:	50-100 years	Goal(s) Met:	1,2	
Estimated Cost:	\$250,000	Mitigation Action Type:	Stormwater/ Infrastructure Project	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 5 Years	
Est. Time Required for Project Implementation:	1-2 Years	Potential Funding Sources:	HMGP, FMA, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Hazard Mitigation, Emergency Preparedness	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Possible flood risk continues	
	Relocate Lewiston Fire and EMA	High	Not feasible at this time	
	Armor/flood mitigate Lewiston Fire and EMA	High	Other area buildings at risk	

Project Worksheet - Maintenance

Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Oak Street Area Storm Drain Improvements		
Project Number:	2024-Lewiston-008		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	1		
Cost-Effectiveness	1		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	0		
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	0		
Total	9	Priority (High/Med/Low)	Medium

Project Worksheet - Project Development				
Project Name:	Lewiston Flood Mitigation Boat			
Project Number:	2024-Lewiston-009			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding			
Description of the Problem:	Large/intense storms, dam breach and inundation of road and infrastructure. Along and in Androscoggin River and city canal system.			
Action or Project Intended for Implementation				
Description of the Solution:	Flood mitigation boat to provide inspection, remediation and recover response on Androscoggin River. For debris management, water and sewer system, life safety and evacuation.			
Is this project related to a Critical Facility?	Yes		No	X
Level of Protection:	Designed per Site	Estimated Benefits (losses avoided):	Loss of Property, Loss of Life	
Useful Life:	10 Years	Goal(s) Met:	3	
Estimated Cost:	\$100,000	Mitigation Action Type:	Hazard Mitigation, Emergency Response	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 1 Year	
Est. Time Required for Project Implementation:	1 Year	Potential Funding Sources:	HMGP, FMA, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Hazard Mitigation, Emergency Preparedness	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Risk of flood impact, mitigation, response	
	Wait for other agencies to respond	Medium	Too much demand, limited resources	
	Contract out for services	High	No vendors, slow response time	

Project Worksheet - Maintenance

Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Lewiston Flood Mitigation Boat		
Project Number:	2024-Lewiston-009		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	0		
Cost-Effectiveness	1		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	0		
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	0		
Total	8	Priority (High/Med/Low)	Medium

Project Worksheet - Project Development				
Project Name:	Lewiston Public Works Relocation			
Project Number:	2024-Lewiston-010			
Risk / Vulnerability				
Hazard(s) of Concern:	Flooding			
Description of the Problem:	Large/intense storms flood areas and flood public works yard on Adams Avenue.			
Action or Project Intended for Implementation				
Description of the Solution:	Flood mitigation - study, design and build or relocate public works department to reduce the impact of flooding. Reduce property damage, loss of life and loss of emergency services.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	25+ Year Storm	Estimated Benefits (losses avoided):	Loss of Property, Loss of Life	
Useful Life:	50+ Years	Goal(s) Met:	2	
Estimated Cost:	\$15,000,000	Mitigation Action Type:	Stormwater/ Infrastructure Project	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 5 Year	
Est. Time Required for Project Implementation:	3 Years	Potential Funding Sources:	HMGP, FMA, BRIC, Budget	
Responsible Organization:	City of Lewiston	Local Planning Mechanisms to be Used in Implementation:	Stormwater Management	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	Do Nothing	\$0	Risk of flood damage and loss of services	
	Relocate city stormwater system	High	Not feasible, no other routes	
	Armor facility to mitigate flood impact	High	Not feasible, limits response capability	

Project Worksheet - Maintenance

Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

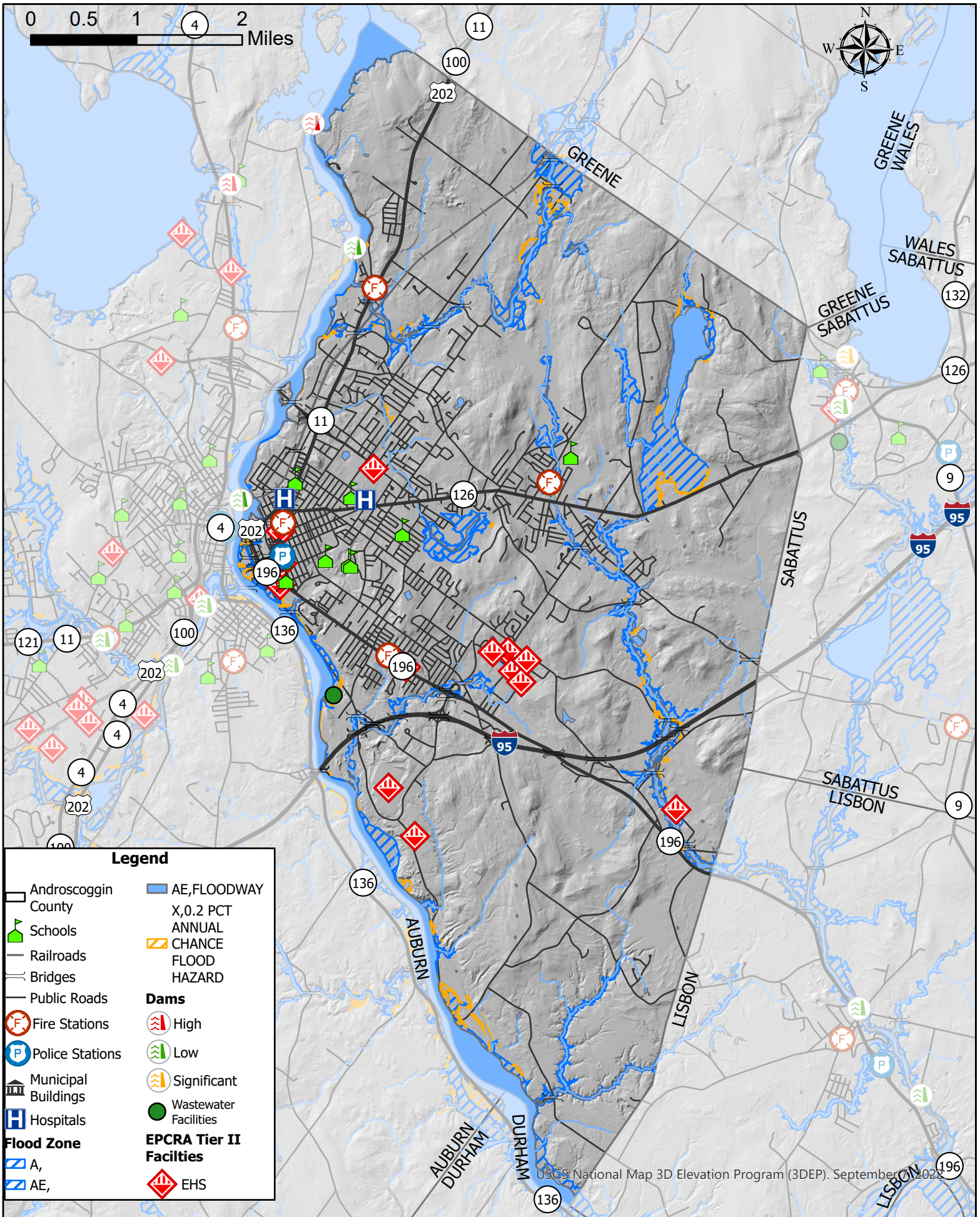
Status Report (for plan maintenance) Year 4

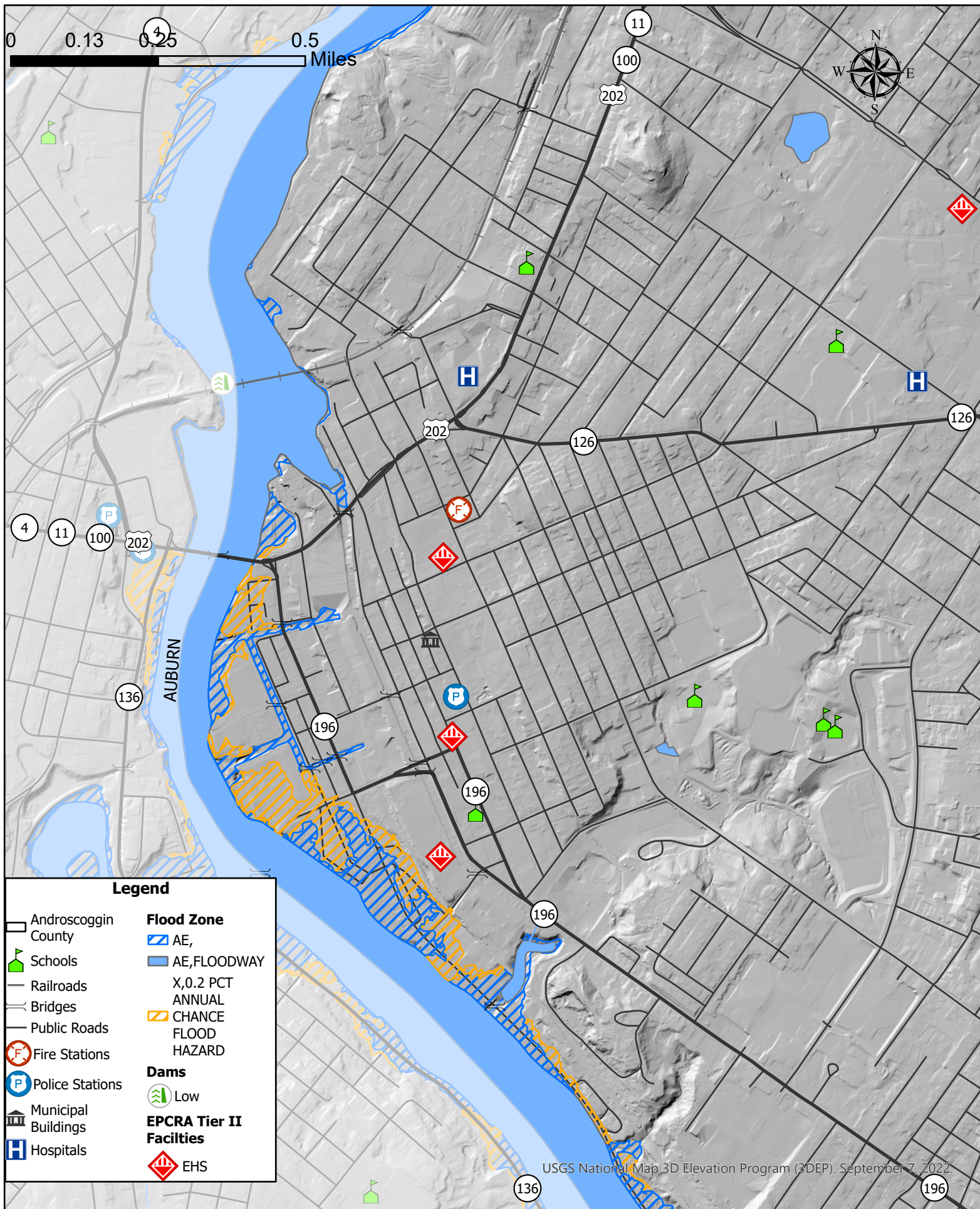
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

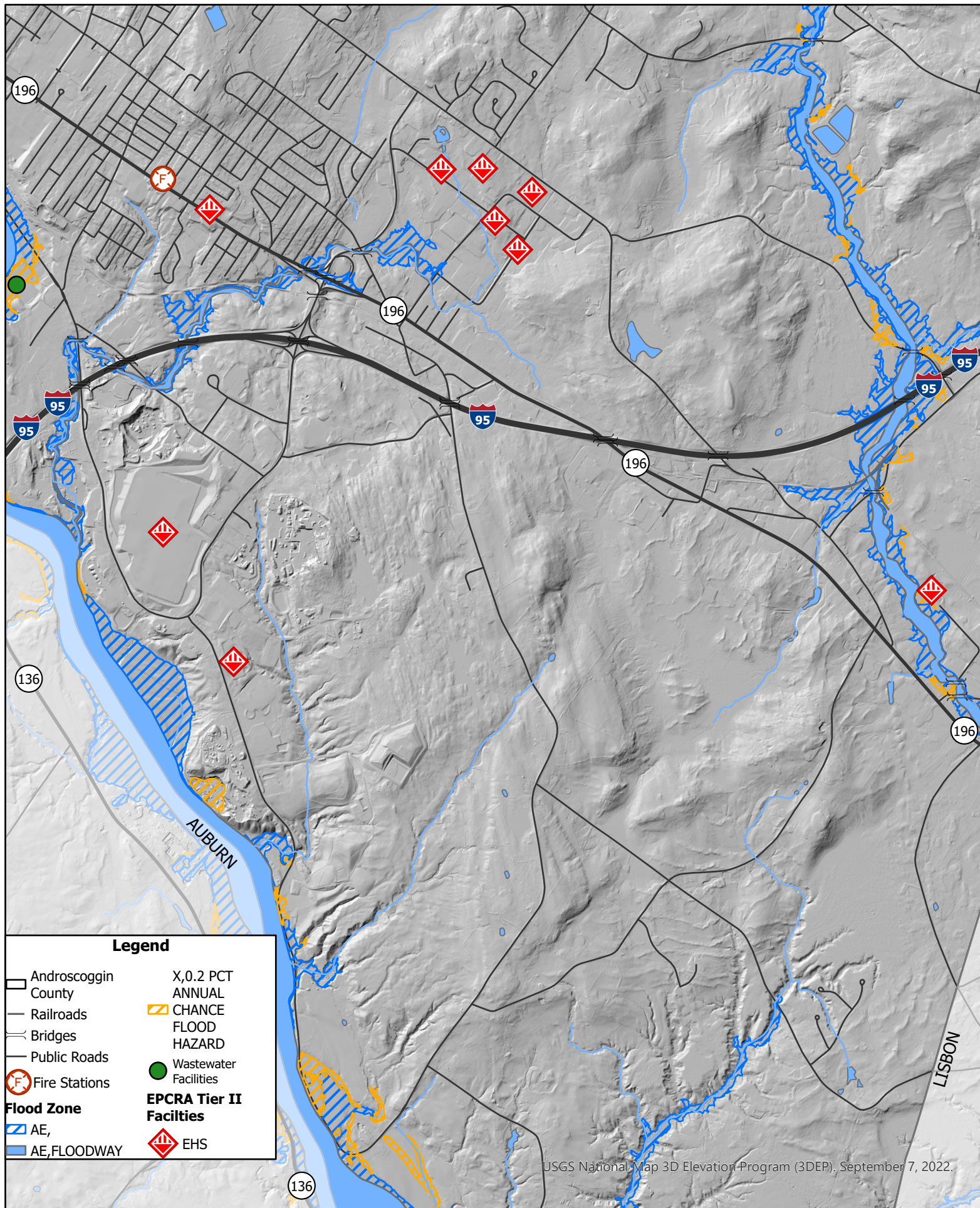
Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Lewiston Public Works Relocation		
Project Number:	2024-Lewiston-010		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	1		
Cost-Effectiveness	0		
Technical	1		
Political	0		
Legal	1		
Fiscal	1		
Environmental	1		
Social	0		
Administrative	1		
Multi-Hazard	0		
Timeline	1		
Agency Champion	1	Lewiston Public Works	
Community Objectives	0		
Total	8	Priority (High/Med/Low)	Medium

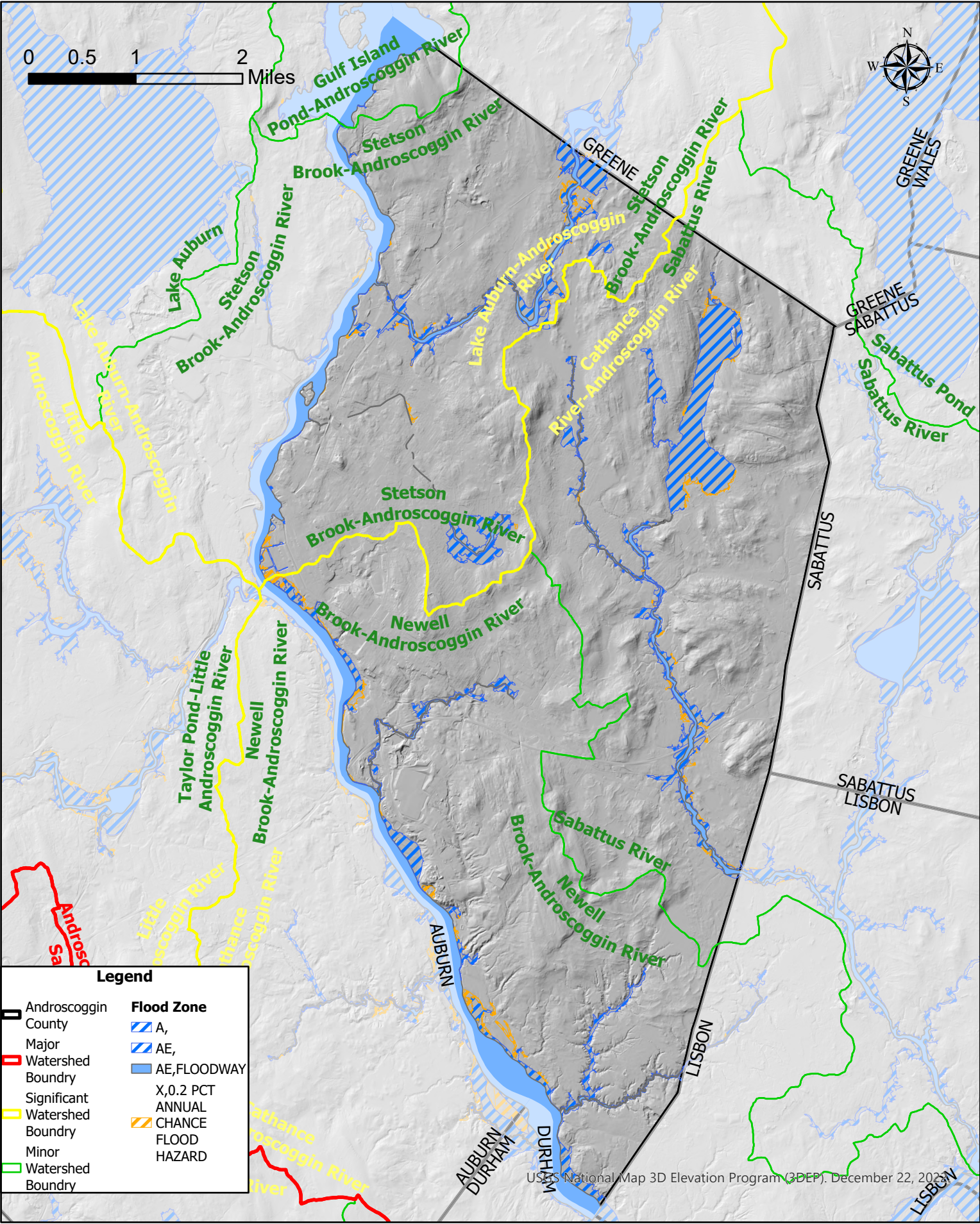


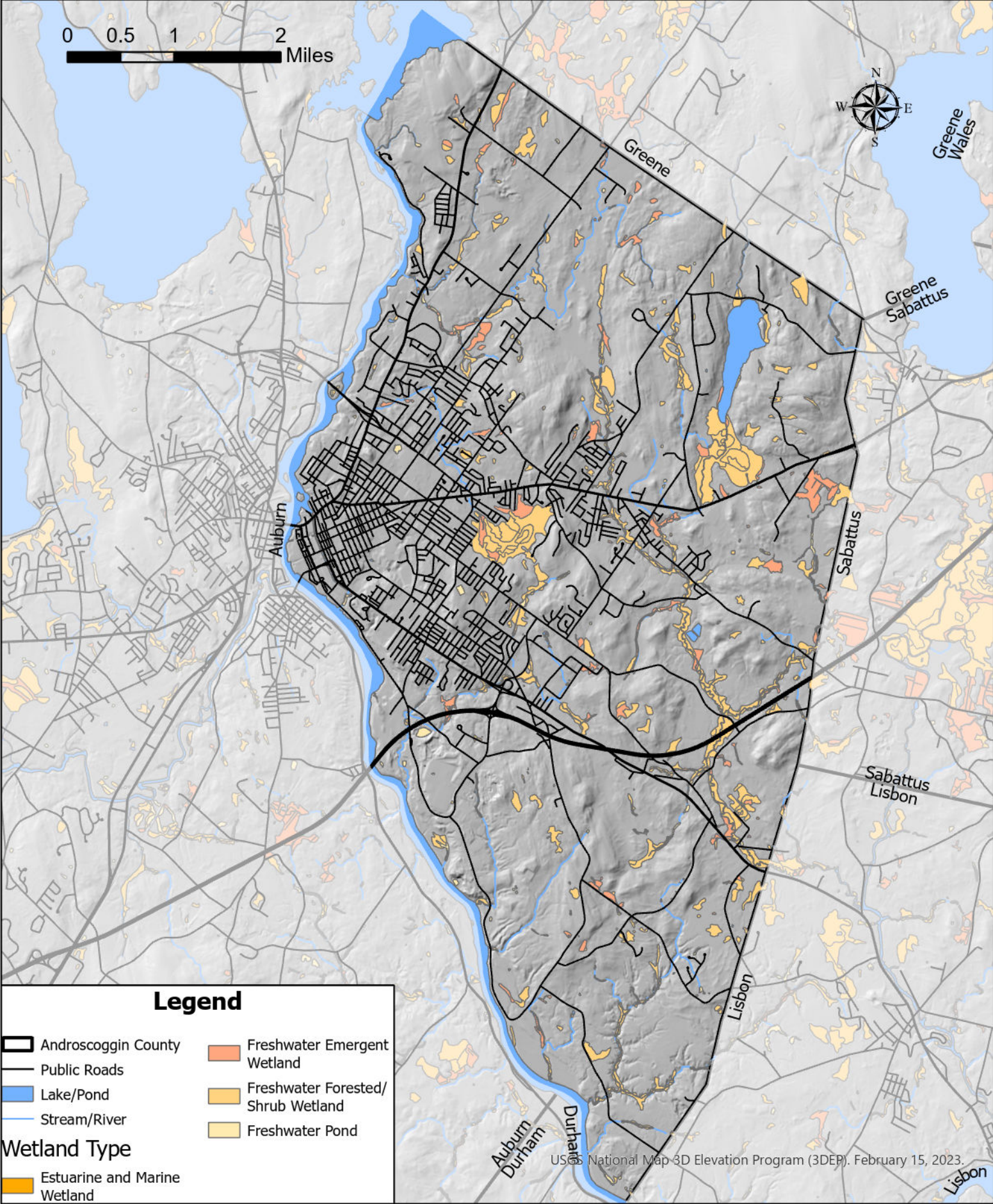


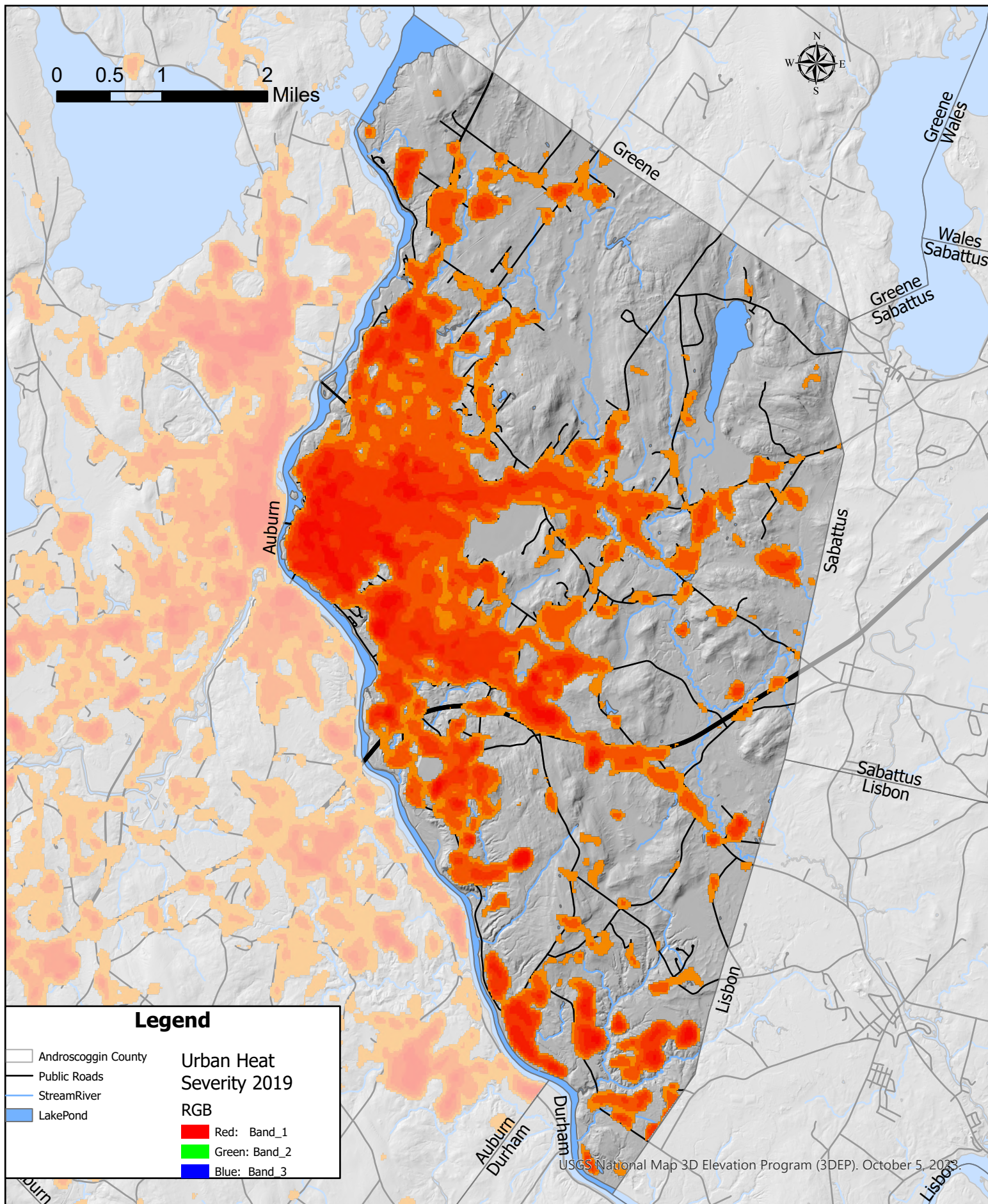


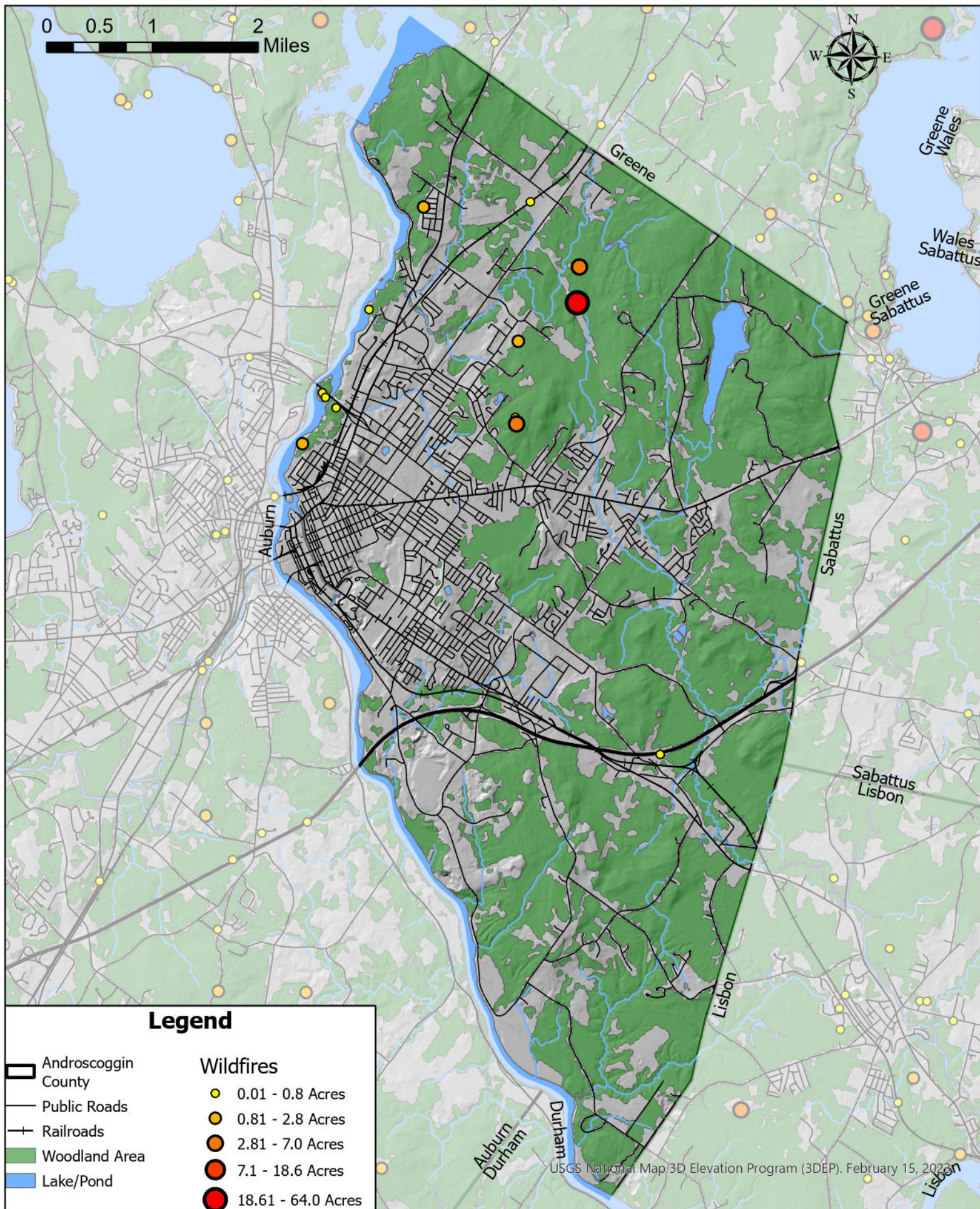
City of Lewiston: South Androscoggin County Hazard Mitigation Plan 2024

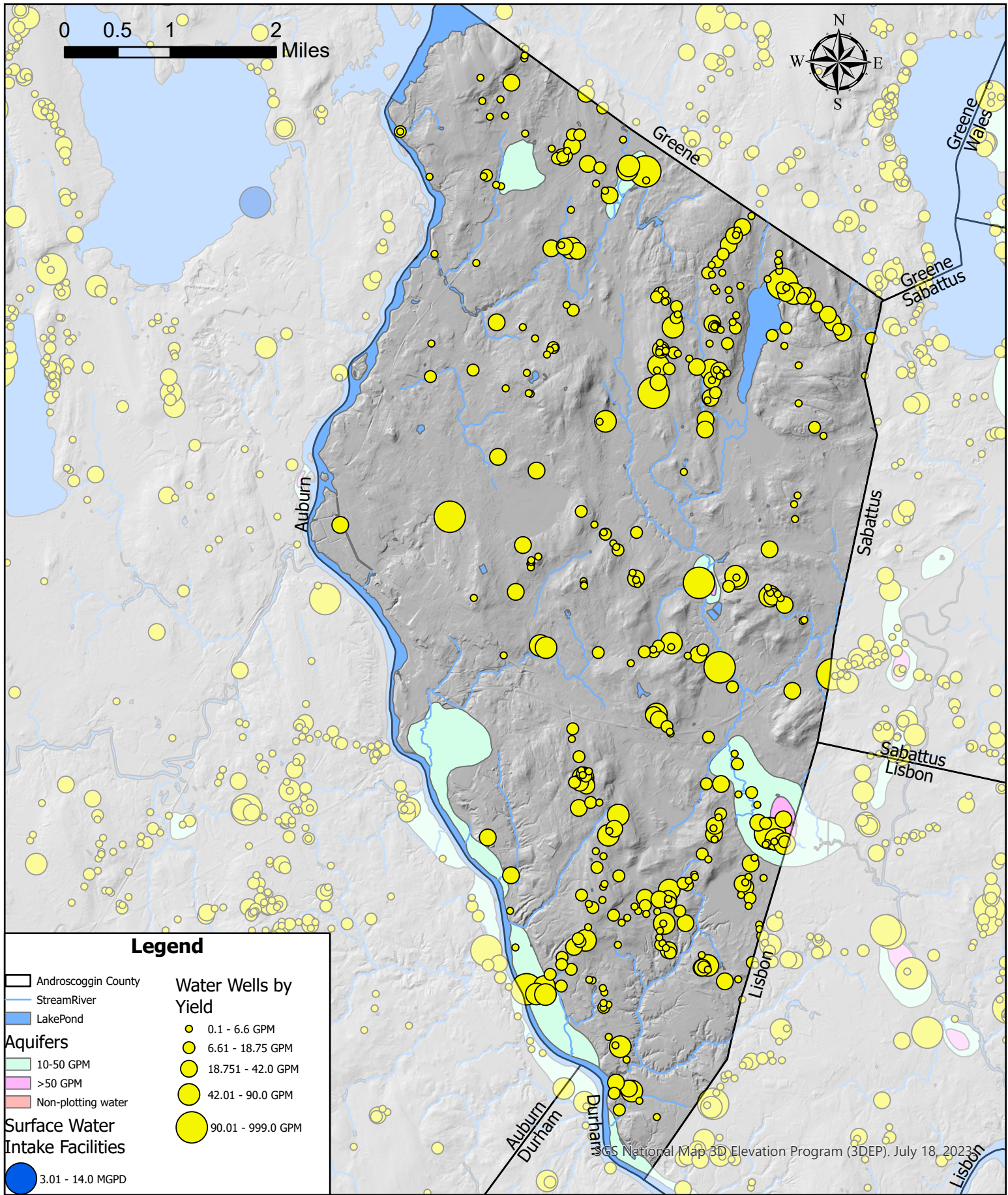
Data Sources: U.S. Geological Survey, FEMA, Homeland Infrastructure Foundation Level Database, Maine Office of GIS, Androscoggin County Emergency Management Agency

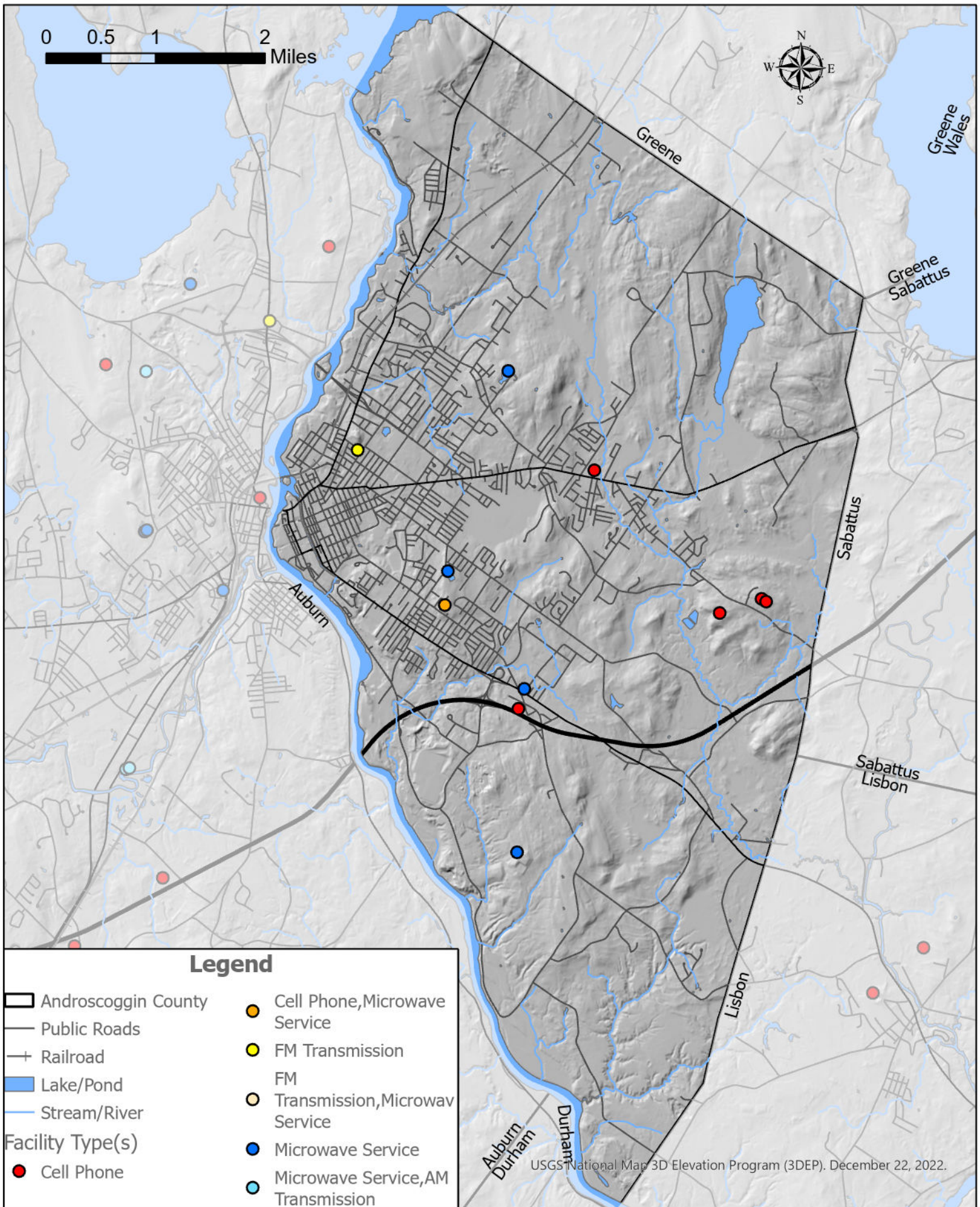


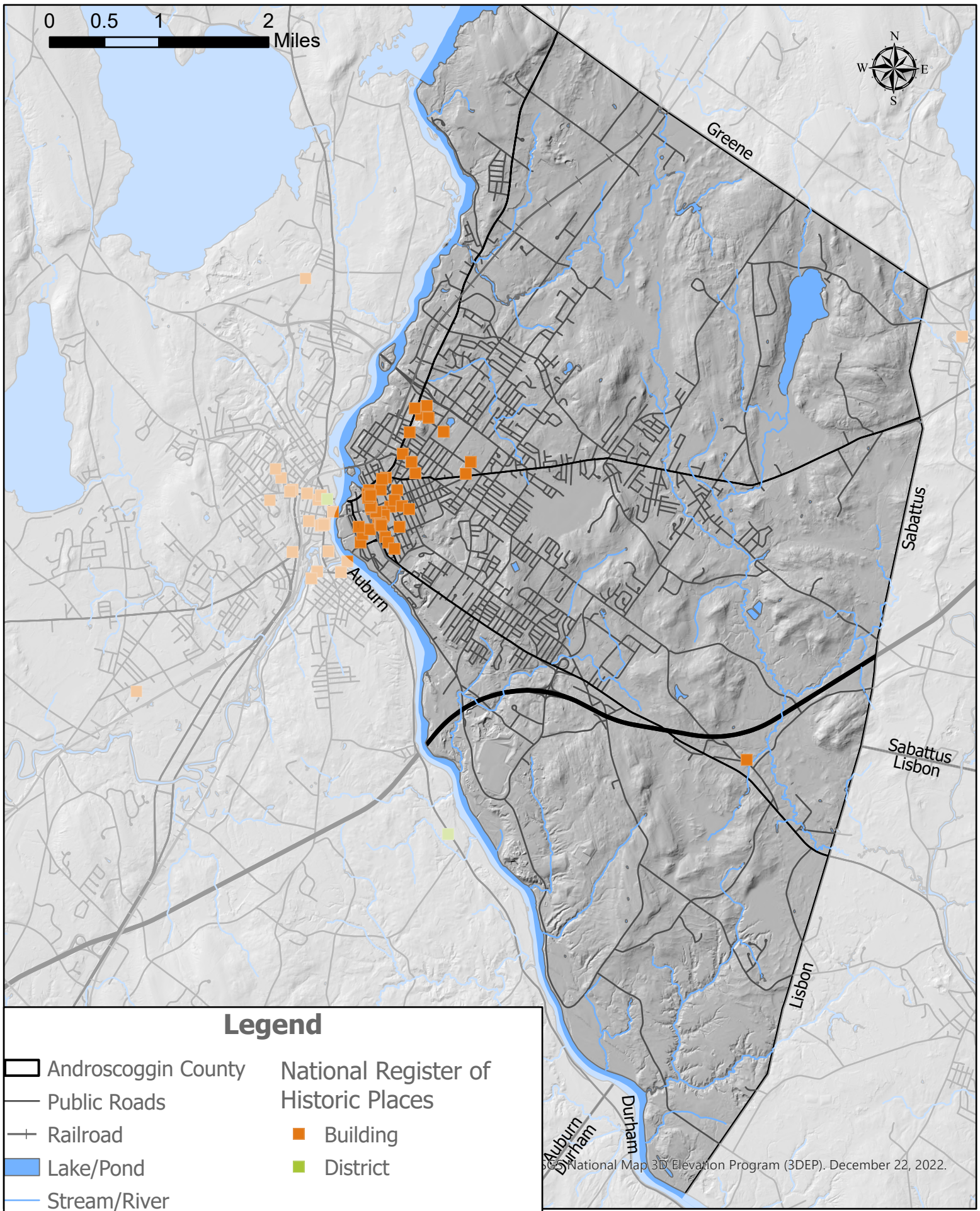


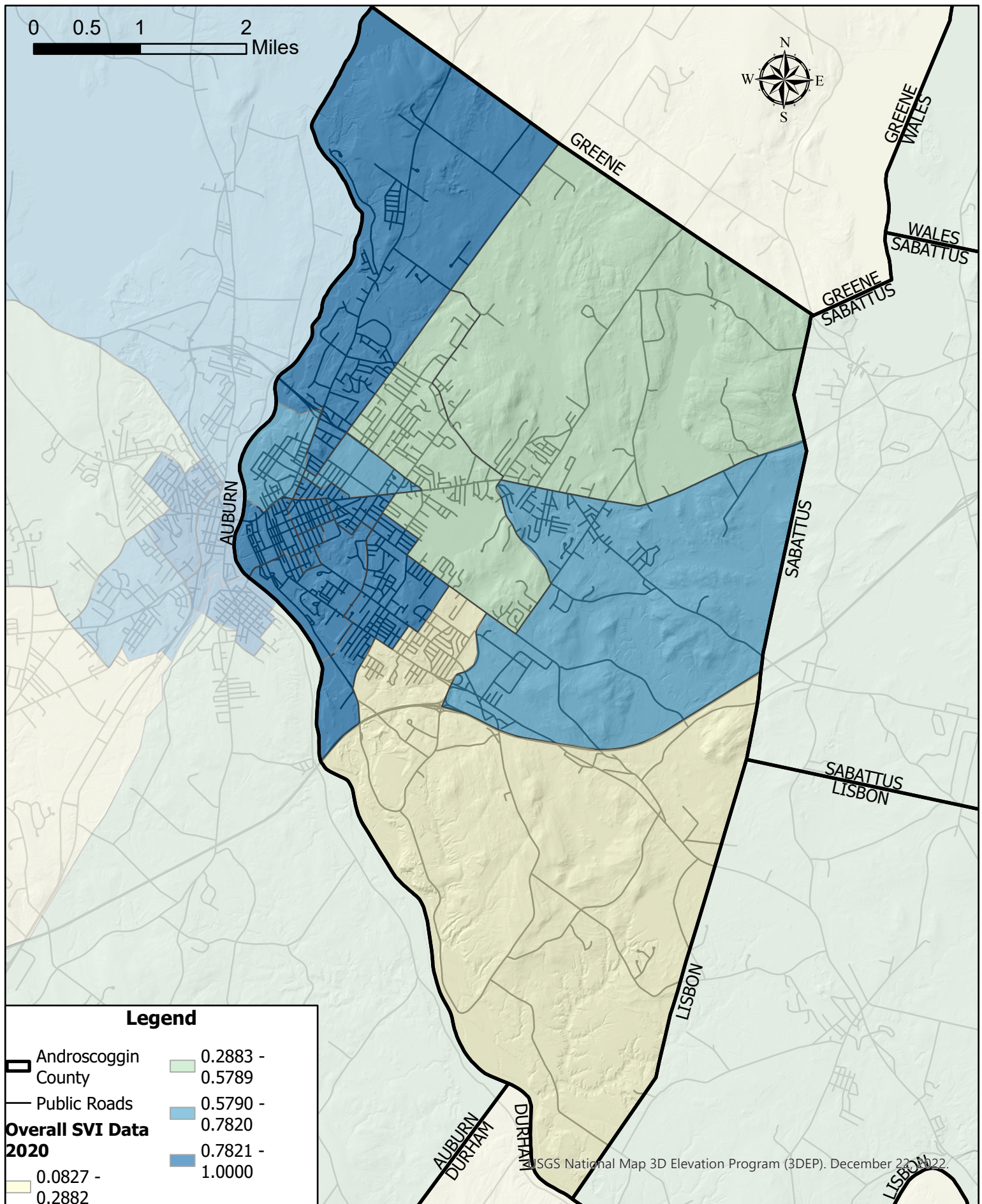








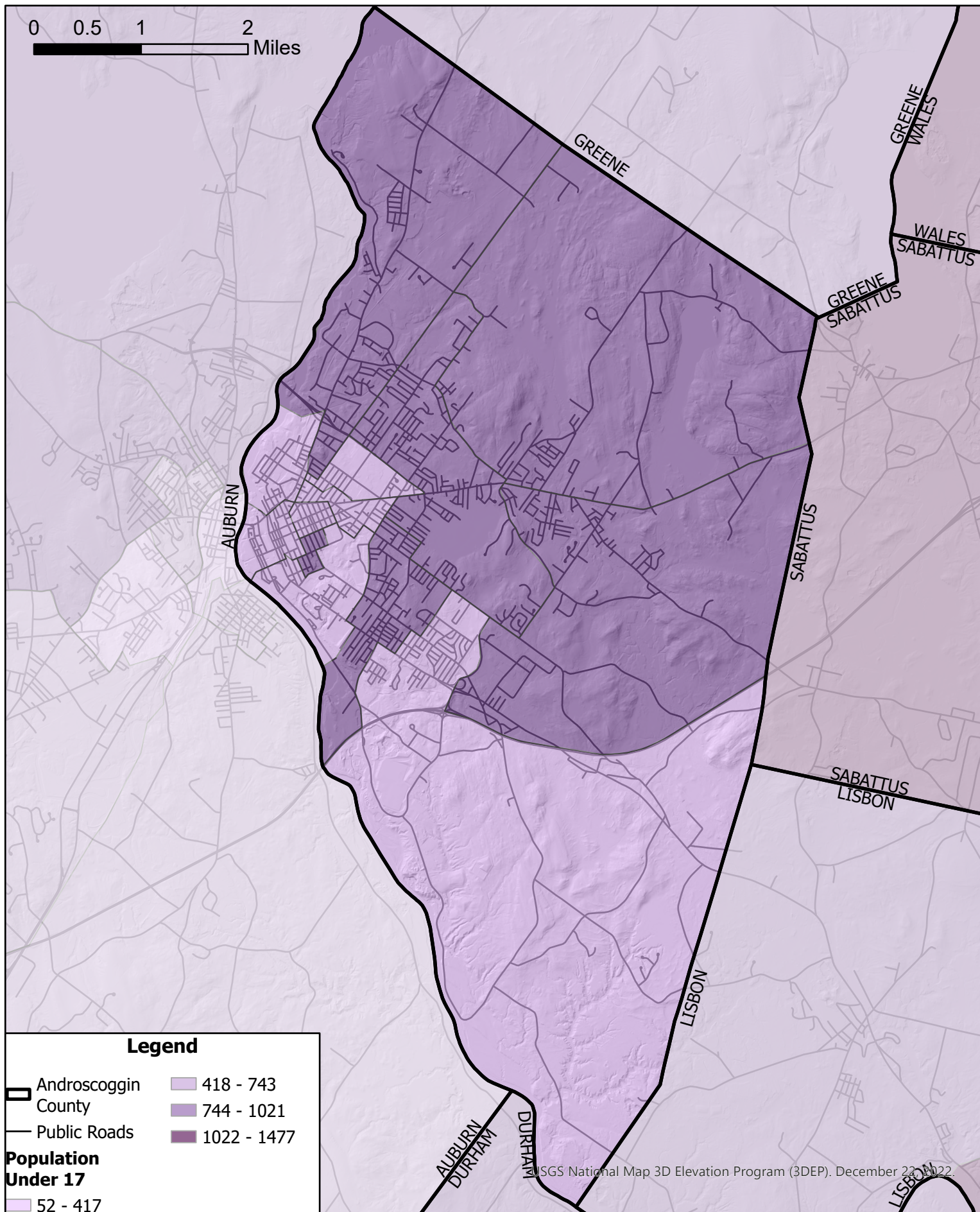




**City of Lewiston
Social Vulnerability Index Data 2020
By Census Tract**

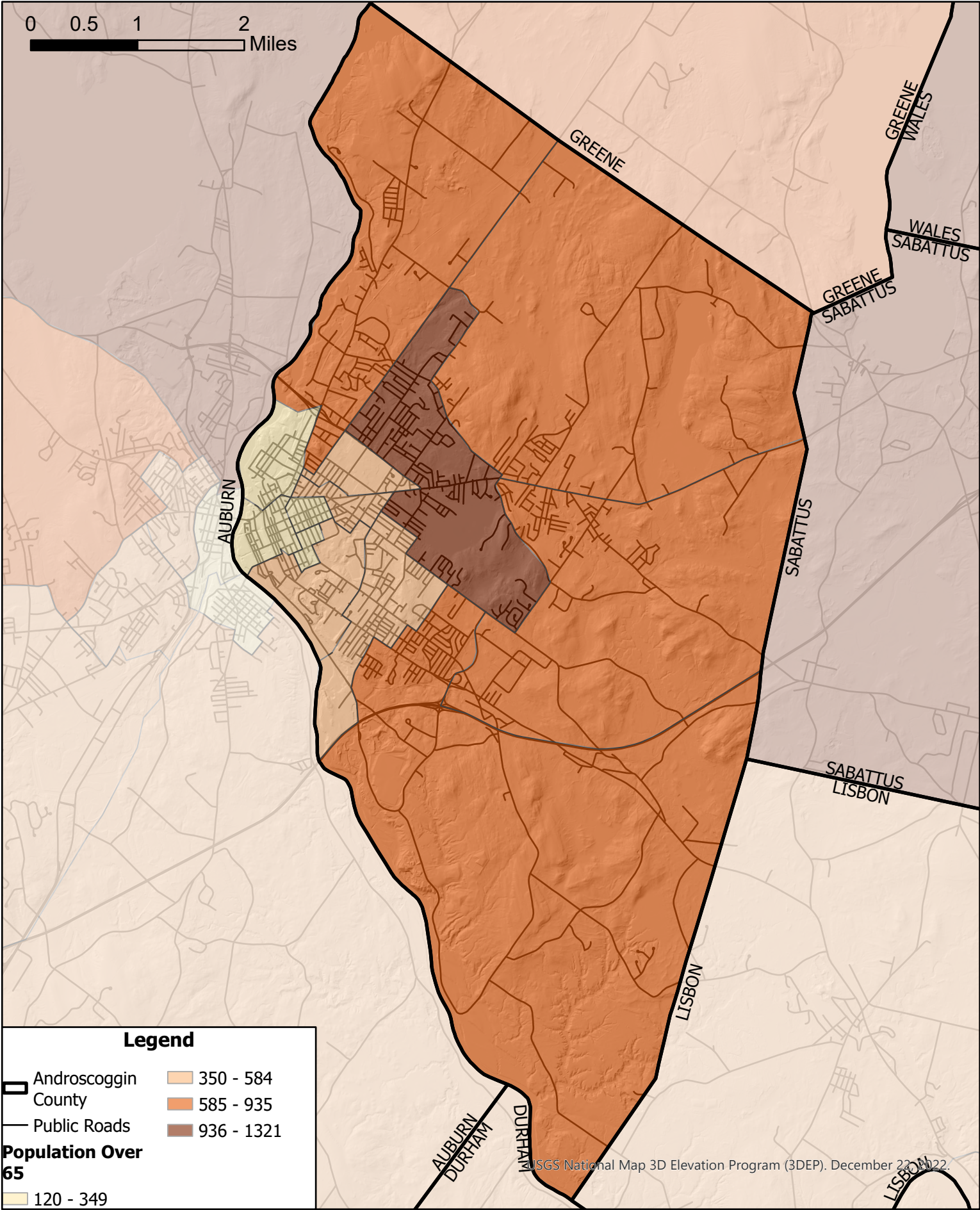
Note: Social Vulnerability is based on 16 variables selected by the CDC, SVI values closer to 1 are considered more Socially Vulnerable.

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



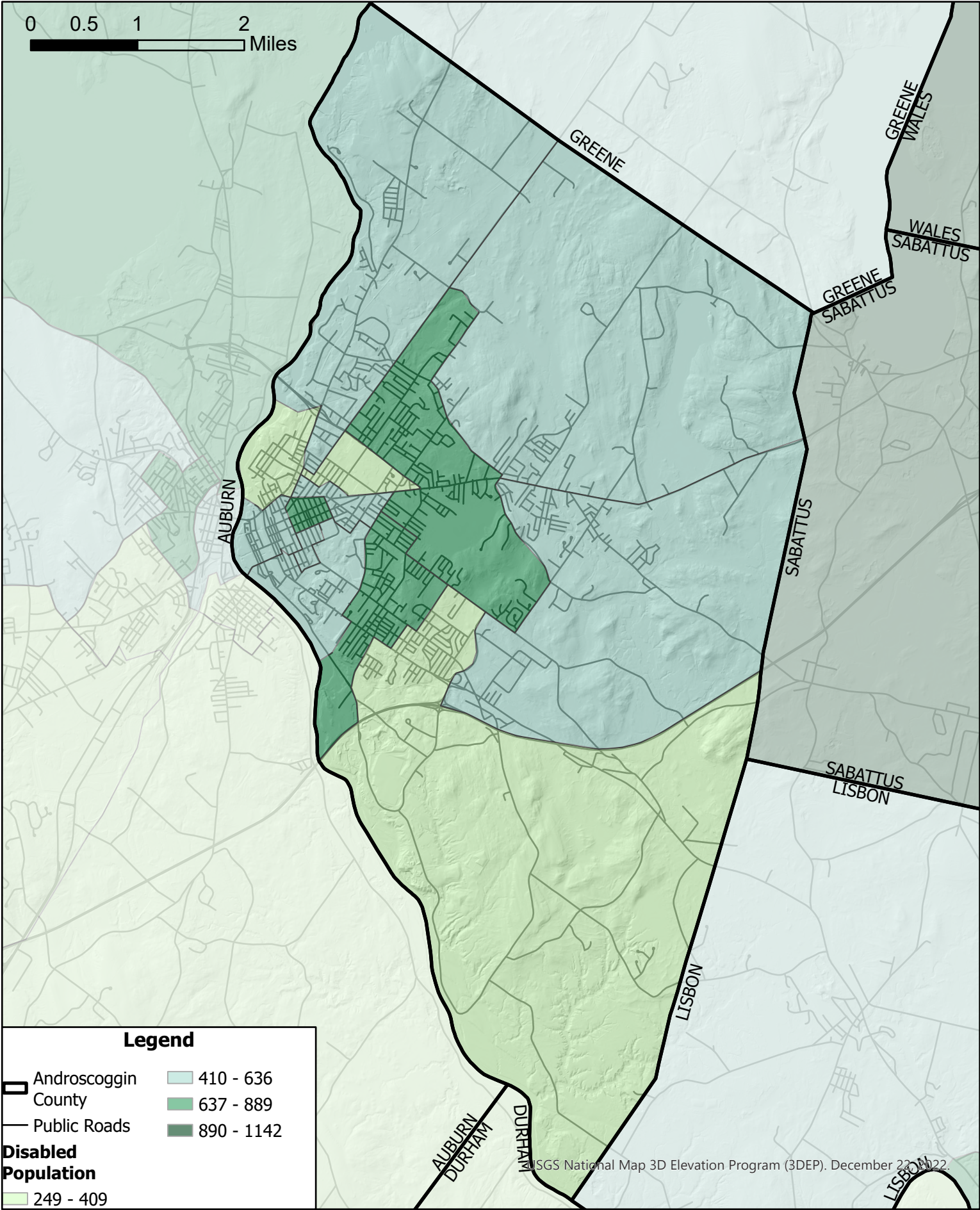
**City of Lewiston
Population Under 17 Years of Age
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



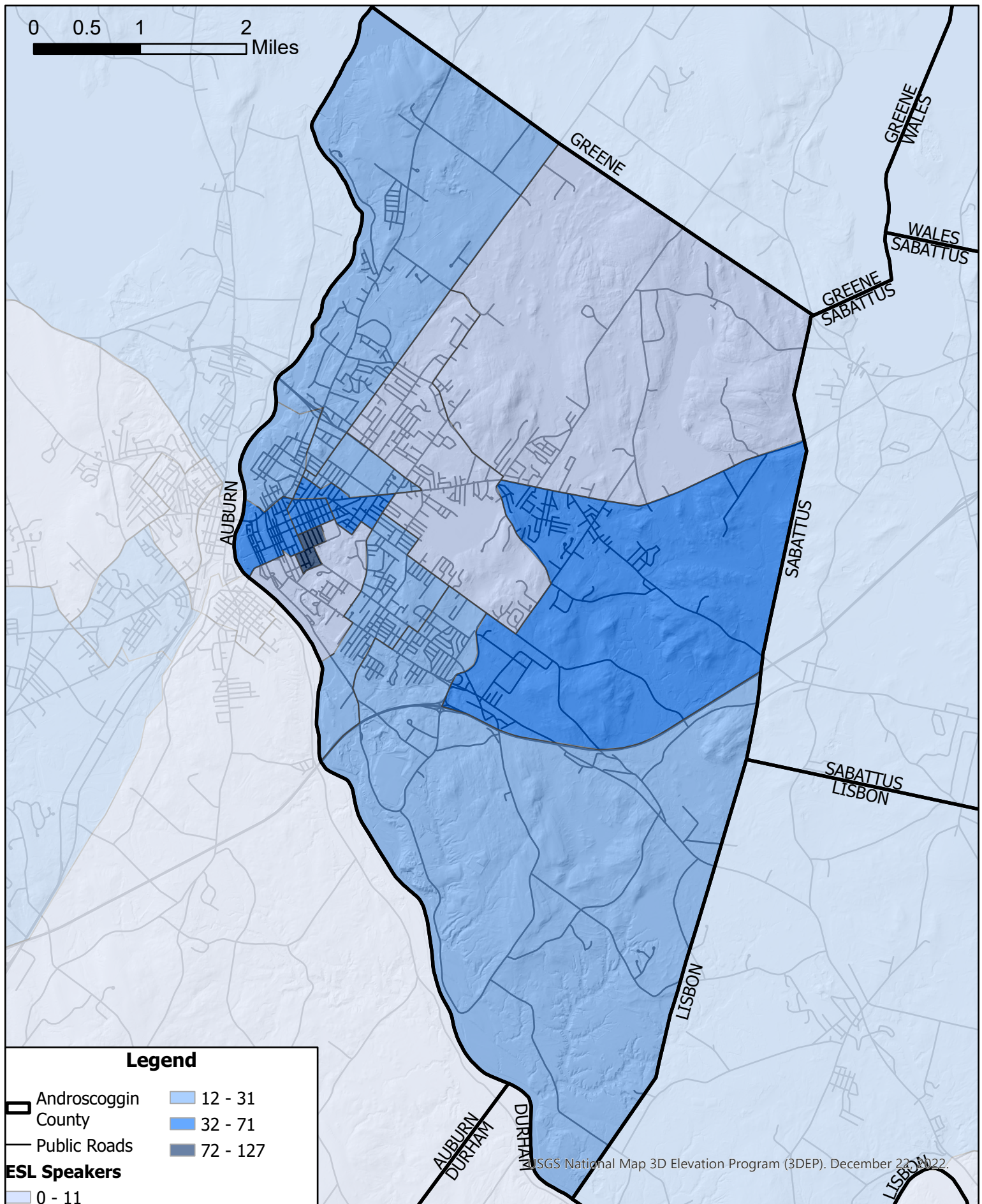
**City of Lewiston
Population Over 65 Years of Age
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



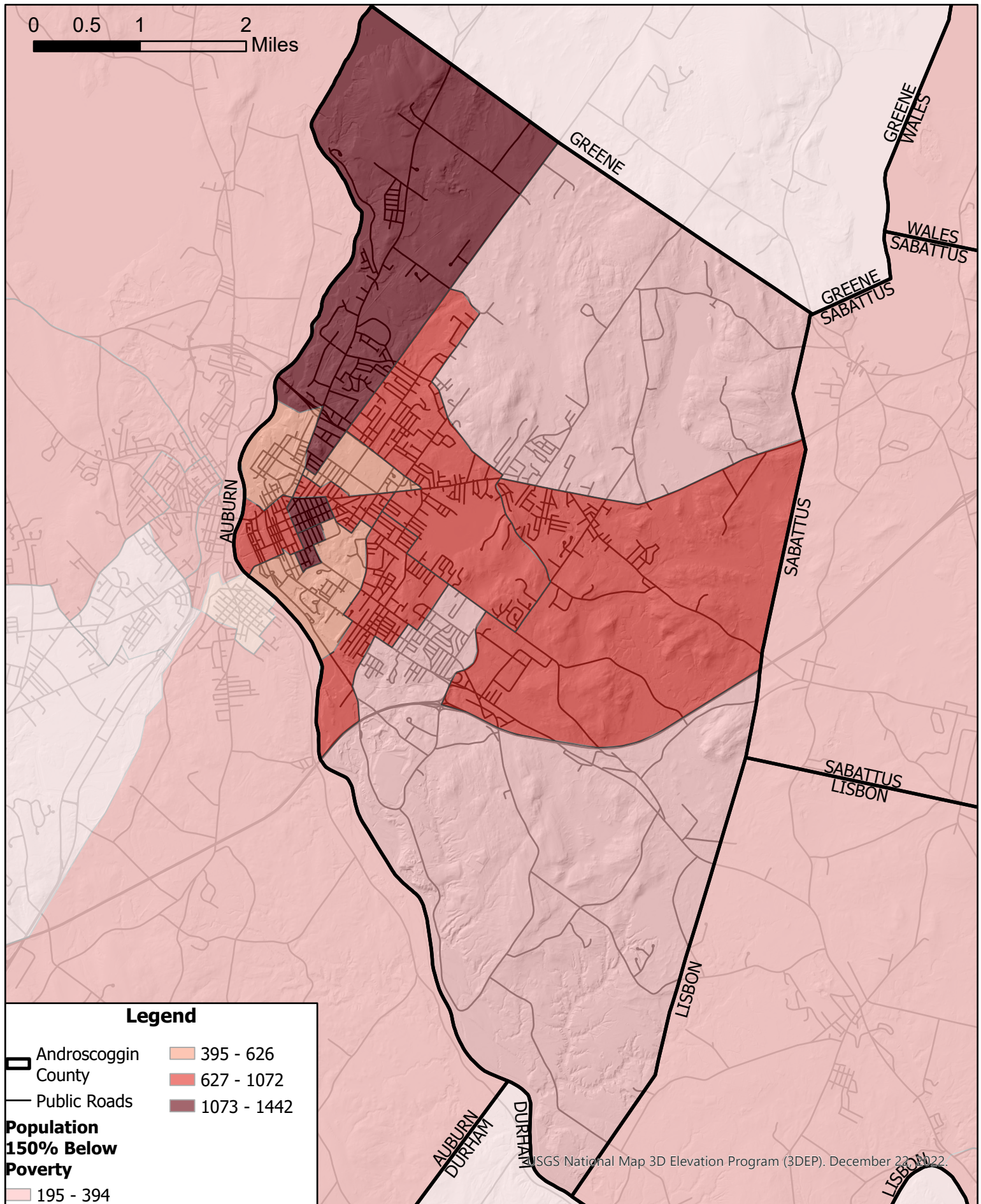
**City of Lewiston
Population with a Disability
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



**City of Lewiston
Population who speak English "less than well"
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



City of Lewiston
Population Below 150% Poverty Threshold
By Census Tract

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS