

Chapter Nine

Population & Demographics

Goals/ Vision

State Goal

None required.

Local Goal

Millinocket

To maintain a healthy and vibrant town that meets the needs, as best as possible, of residents and visitors of the Town of Millinocket. To guide future development and redevelopment of the community in a manner consistent with the goals and objectives of the community. Pursue companies that will entice former area residents to return to Millinocket and prevent out migration. By 2023, reduce the median age of 51.3 (2016) to approach State and national averages (44.0 and 37.7, respectively).

East Millinocket

To create a positive population change rate by increasing efforts to attract younger, higher educated families, all while continuing to provide the much needed services (home maintenance, home healthcare, local shopping, etc.) to assist the town's older populations needs. To be considerate of diversification of the population base to include all ages, races and differing cultural backgrounds. To seek new or expanded job opportunities to entice employment and people back to the town to work and live. To create a high quality of living that will attract new residents. This will include 4-season recreational opportunities, new job opportunities, improved housing, improved retail, improved education and social opportunities.

Medway

To provide needed infrastructure and technology that will attract and retain business and youth alike and to provide a venue for recreation and housing for all population age groups while continuing to maintain its unique characteristics of a family community.

Introduction

An important factor in the Katahdin Region's comprehensive plan is each town's population and how those populations may change in the future. The ultimate goal of this plan is to provide for a proper relationship between the future population and its environment. Accordingly, most phases of the plan are either dependent upon, or strongly influenced by, trends in the size and composition of the town's future population.

Determining future population is very difficult in any community; in the Katahdin Region, the problem is compounded by the surrounding economic state of the three towns. In the past, the populations of each town has been heavily shaped by the mills, employment patterns and the mix of French, Italian, Anglo and other ethnic groups which moved to the area to work on or in the once operational mills. In the past, the town was not highly migratory, and a high proportion of residents were born in the towns and tended to live here for the better part of their lives.

Local opinion has long stressed, and the 2000 & 2010 Censuses substantiates, the claim that the Katahdin Region is and has been actively exporting their youth outside their communities. However, it is also the towns' belief that the region is currently experiencing a return of some of these individuals who are now approaching retirement age. Tourism in the region is increasing due to the town's geographic location to Baxter State Park, but is not impacting the year-round population.

Population Distribution

East Millinocket & Millinocket, as far back as the 1980s, have seen a decline in their towns' populations. Their biggest regional decline took place in 2000, with East Millinocket experiencing a -18% growth rate, Millinocket experiencing a -34% growth rate, and Medway experiencing a -29% growth rate. This can be correlated to the changes in the pulp & paper industry with the constant push towards automation that helped replace jobs and contributed to the uncertainty of the mills while they underwent constant ownership turnover the last decade.

The State of Maine's Economist predicts that the Katahdin Region will continue to see declines in their population up to the projection model of 2034. From 2019 to 2034, East Millinocket is projected an average -1.7% decline in population, bringing their overall population to 1,591 in 2034 (a total change from 2014 of -5.7%). Millinocket is predicted to experience a greater average decline rate of -2.2%, bringing their overall population to 4,067 in 2034 (a total change from 2014 of -7.5%). Finally, Medway is predicted to experience an average decline of -1.6% a year that would bring their population to 1,254 (a total change from 2014 of -5.5%). Overall, the Katahdin Region is predicted to experience an average -6.2% growth rate by 2034.

The implications of this decline have resulted in conversations about combining municipal and educational services. This is not new: East Millinocket and Medway have collaborated efforts by combining schools and all three towns have combined their recreational facilities and economic centers to more regional services. There are no foreseen issues with housing other than vacancy and the condition of the homes in the area.

Population & Rate of Change

	East Millinocket		Millinocket		Medway	
	Total	Change	Total	Change	Total	Change
2015*	1,894	9%	4,419	-2%	1,326	-2%
2010	1,723	-6%	4,506	-15%	1,349	-10%
2000	1,828	-18%	5,203	-34%	1,489	-29%
1990	2,166	-10%	6,956	-9%	1,922	3%
1980	2,372	-8%	7,567	-2%	1,871	20%
1970	2,567	n/a	7,742	n/a	1,491	n/a

	Penobscot County		Maine	
	Total	Change	Total	Change
2015*	153,437	0%	1,329,100	0%
2010	153,923	6%	1,328,361	4%
2000	144,919	-1%	1,274,923	4%
1990	146,601	7%	1,227,928	8%
1980	137,015	8%	1,125,043	12%

1970	125,393	n/a	993,722	n/a
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- Data was provided by the Maine Economist

Population Projection 2019-2034

	2019	2024	2029	2034	Δ 2014-2034
East Millinocket	1,676	1,657	1,629	1,591	-5.7%
Millinocket	4,347	4,278	4,184	4,067	-7.5%
Medway	1,315	1,302	1,281	1,254	-1.6%
Penobscot County	155,513	156,956	157,576	157,334	2.5%
Maine	1,332,944	1,330,903	1,322,023	1,305,910	-1.8%

- Data was provided by the State of Maine's Economist

Distribution by Age

The tables below show the Katahdin Region, Penobscot County, and State of Maine's population distribution by age. There has been a significant and constant decline in population for the age groups of 19 and under, 21 years, and 30 to 49 years among the three towns.

The Katahdin Region experienced their largest declines among age groups 30 to 44 years of age, with Medway experiencing a decline of 109% among 30 to 34 year olds, East Millinocket of 78% among 35 to 39 year olds, and Millinocket of 84% among 40 to 44 year olds. Penobscot County experienced their largest population decline among those age groups with 35 to 39 year olds having declined the most at a rate of 29%. This compares to the State of Maine who experienced increases in population from groups of 30 to 44 year olds; seeing their largest decline among 60 and 61 year olds (69%).

It is important to monitor the age distribution of a community because of its impact on demands for municipal services such as education, elderly services, and its impact on the number of people of working or childbearing age. The decrease in population for age groups 19 and under is worth noting since it may affect classroom sizes and the future viability of the community school system.

Also worth noting is the fact that people in the older age groups are likely to make demands on available services. Most importantly, the data indicates that the Katahdin Region is continuing to age. This factor needs to be considered as towns search for investments for various individual and cooperative projects/initiatives (i.e., future sustainability).

Population - by Age (Decennial)	East Millinocket			Millinocket			Medway		
	2000	2010	% Δ	2000	2010	% Δ	2000	2010	% Δ
Under 5 years	81	75	-8%	177	156	-13%	72	65	-11%
5 to 9 years	109	96	-14%	302	184	-64%	97	66	-47%
10 to 14 years	153	108	-42%	372	203	-83%	116	83	-40%
15 to 17 years	83	74	-12%	245	156	-57%	86	59	-46%
18 and 19 years	38	23	-65%	104	84	-24%	43	24	-79%
20 years	8	9	11%	24	33	27%	13	11	-18%
21 years	11	10	-10%	39	27	-44%	14	14	0%
22 to 24 years	26	50	48%	86	102	16%	27	36	25%
25 to 29 years	64	79	19%	215	147	-46%	65	51	-27%

30 to 34 years	86	55	-56%	263	166	-58%	90	43	-109%
35 to 39 years	148	83	-78%	324	218	-49%	130	68	-91%
40 to 44 years	170	103	-65%	498	271	-84%	148	92	-61%
45 to 49 years	157	140	-12%	485	357	-36%	163	111	-47%
50 to 54 years	124	145	14%	424	476	11%	111	146	24%
55 to 59 years	100	156	36%	320	436	27%	81	149	46%
60 and 61 years	32	56	43%	124	173	28%	33	40	18%
62 to 64 years	49	65	25%	192	207	7%	45	62	27%
65 to 69 years	113	88	-28%	272	281	3%	62	73	15%
70 to 74 years	120	78	-54%	283	268	-6%	55	66	17%
75 to 79 years	79	92	14%	207	222	7%	23	43	47%
80 to 84 years	45	87	48%	123	188	35%	9	33	73%
85 years and over	32	51	37%	124	151	18%	6	14	57%

Population - by Age (Decennial)	Penobscot County			Maine		
	2000	2010	% Δ	2000	2010	% Δ
Under 5 years	7,768	7,983	3%	69,520	70,726	2%
5 to 9 years	9,034	8,304	-9%	74,116	83,022	11%
10 to 14 years	10,075	8,434	-19%	79,013	92,252	14%
15 to 17 years	6,223	5,634	-10%	51,884	55,238	6%
18 and 19 years	5,356	6,308	15%	36,426	34,247	-6%
20 years	2,667	3,472	23%	17,408	15,330	-14%
21 years	2,460	3,243	24%	16,566	14,805	-12%
22 to 24 years	5,835	7,299	20%	45,672	39,521	-16%
25 to 29 years	8,589	9,407	9%	72,681	71,951	-1%
30 to 34 years	9,588	8,224	-17%	71,943	85,666	16%
35 to 39 years	11,548	8,921	-29%	79,905	104,149	23%
40 to 44 years	12,303	9,986	-23%	91,471	108,831	16%
45 to 49 years	11,273	11,818	5%	107,619	101,921	-6%
50 to 54 years	9,900	12,341	20%	110,956	90,675	-22%
55 to 59 years	7,315	11,010	34%	102,441	68,490	-50%
60 and 61 years	2,435	4,035	40%	37,823	22,367	-69%
62 to 64 years	3,630	5,251	31%	51,837	32,330	-60%
65 to 69 years	5,536	6,574	16%	65,014	50,100	-30%
70 to 74 years	4,945	5,122	3%	47,637	46,096	-3%
75 to 79 years	3,779	4,279	12%	38,894	38,098	-2%
80 to 84 years	2,484	3,359	26%	30,399	25,792	-18%
85 years and over	2,176	2,919	25%	29,136	23,316	-25%

- Data was provided by the Maine Economist

Median ages for each community are as follows: Millinocket, 51.3; East Millinocket, 47.9; and Medway, 49.9. (2016)

Distribution by Gender, %

The following Census statistics are compared by gender for the towns of the Katahdin Region, Penobscot County and the State of Maine. According to the 2010 Census, females pre-dominate in the towns of East Millinocket and Millinocket as well as Penobscot County and the State of Maine. This is believed to be due in part to the longer life span of females compared to males. Only in Medway do males pre-dominate.

	East Millinocket		Millinocket		Medway		Penobscot County		Maine	
	2010	2015	2010	2015	2010	2015	2010	2015	2010	2015
Male	43.3	47.5	49.3	51.9	54.6	53.4	49.2	49.3	48.9	48.9
Female	56.7	52.5	50.7	48.1	45.4	46.6	50.8	50.7	51.1	51.1

- Data was provided by the U.S. Census Bureau
- 2015 data set is based off ACS estimates (5 year estimates)

Distribution by Race, %

As noted below, the population in the Katahdin communities is largely White.

	East Millinocket		Millinocket		Medway	
	2010	2015	2010	2015	2010	2015
White	99.8	95.9	98.2	95.8	98.3	98.4
African American	0.0	0.1	0.2	0.0	0.0	0.0
American Indian	0.0	1.8	0.5	0.3	0.0	1.2
Asian	0.0	0.0	0.3	0.0	0.0	0.0
Pacific Islander	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	1.0	0.0	1.2	0.0	0.0
Two or more races	0.2	1.2	0.9	2.7	1.7	0.4

	Penobscot County		Maine	
	2010	2015	2010	2015
White	95.5	95.2	95.6	95.0
African American	0.7	0.8	1.0	1.1
American Indian	1.0	1.1	0.5	0.6
Asian	1.0	1.1	1.0	1.1
Pacific Islander	0.0	0.0	0.0	0.0
Other	0.3	0.2	0.3	0.2
Two or more races	1.5	1.6	1.5	2.0

- Data was provided by the U.S. Census Bureau
- 2015 data set is based off ACS estimates (5 year estimates)

Distribution by Education Attainment

The tables below indicate that the educational attainment for each town has varied among educational levels. While today fewer residents have less than a high school diploma, there has been a fair increase in those that have acquired some college with either no degree or have completed college with an associates or higher attainment.

Educational Attainment	East Millinocket			Millinocket			Medway		
	2000	2010	2015	2000	2010	2015	2000	2010	2015
Less than 9th grade	77	29	48	177	251	134	81	49	39
9th to 12th grade, no diploma	91	87	69	406	265	331	142	56	52
High school graduate (includes equivalency)	590	656	616	1,882	1,510	1,446	567	429	416
Some college, no degree	261	342	318	726	918	613	156	204	227
Associate degree	94	75	143	203	216	443	24	43	72
Bachelor's degree	125	159	150	351	416	167	56	78	63
Graduate or professional degree	64	29	36	107	146	214	15	7	2
% High School Graduate or Higher	87.1	91.6	91.5	84.9	86.1	86.1	78.6	89.9	89.6
% Bachelor's Degree or Higher	14.5	13.7	13.5	12.0	15.1	11.4	6.8	9.8	7.5

- Data was provided by the U.S. Census Bureau

Educational Attainment	Penobscot County			Maine		
	2000	2010	2015	2000	2010	2015
Less than 9th grade	4,885	3,903	3,336	47,183	35,336	29,080
9th to 12th grade, no diploma	8,775	6,802	6,468	80,105	59,859	50,525
High school graduate (includes equivalency)	36,639	37,584	37,055	314,600	326,777	316,556
Some college, no degree	18,341	20,473	21,709	165,111	178,022	189,860
Associate degree	7,459	9,693	11,542	63,934	82,580	90,595
Bachelor's degree	12,302	15,196	16,565	129,992	159,601	178,375
Graduate or professional degree	7,104	8,650	9,365	68,968	87,126	97,786
% High School Graduate or Higher	85.7	89.5	90.8	85.37	89.8	91.6
% Bachelor's Degree or Higher	20.32	23.3	24.5	22.87	26.5	29

- Data was provided by the Maine Economist

Seasonal Population

In a report filed in 2012 by the University of Maine System, entitled, “*Changing Maine: Maine's Changing Population and Housing 1990-2010*,” it highlighted the changing demographics of the State to the county level based on the American Community Survey data gathered by the U.S. Census over the 20 year timeline.

The report found that Millinocket's seasonal housing growth as a share of town housing between 2000 and 2010 was 0% to 23%. The same report noted that East Millinocket's seasonal housing growth was 24% to 36%, and Medway was between 48%-85%. The State of Maine during this period was estimating a growth rate of 24% in seasonal housing.

Penobscot County experienced significant growth in seasonal homes; in 1990 there were 4,038 seasonal homes compared to 2010 with 6,199 seasonal homes (34.9% growth in 20 years). Based on the ACS' 2016 estimates, there are 34 seasonal homes in East Millinocket, 199 seasonal homes in Millinocket, and 51 seasonal homes in Medway. In relation to population, by multiplying the number of homes to average home size there were an estimated 77 seasonal residents located in East Millinocket, an estimated 444 seasonal residents located in Millinocket, and an estimated 115 Medway seasonal residents.

With the increase of recreational activities including the Katahdin Woods & Waters National Monument (August of 2016), the Katahdin Region is expecting an increase in seasonal residents and tourist



Recent Studies

Town of Millinocket Annual Survey

In 2017, the Town of Millinocket ventured on a project with the mindset of enhancing communication between the local municipality and the community. The survey was developed, conducted, and reviewed by the Millinocket Economic Development Committee. The survey comprised of three parts: Demographics, Closed Response Questions, and Open Response Questions. The raw data was then compiled into a report and was made available for public consumption.

Within Demographics, information regarding population age, residency, years lived/visited and education attainment were collected. About 144 surveys were returned. Though small, the sample size was considered to be an accurate representation of the town of Millinocket. The survey found that a majority of the population fell into the ages of 45-54 and 65-74, reinforcing the U.S. Census data.

The Katahdin Region Public Visioning Workshop was held in the Fall of 2018 to gain input from the community-at-large with the goal of building a Vision and Action plan for the region. The visioning effort was performed as an aspect of the larger Katahdin Gazetteer project, charged with helping the region develop a "roadmap to the future." This work will be completed in early 2019 and will supplement other efforts to grow the region including efforts to attract and retain the regional population.

Worth noting was educational attainment; the sample size, though small, was identical for the categories of "Some College" & "Associate Degree" when compared to the U.S. Census Bureau's information for the same time frame.. (Note that categories of "High School Graduate" and "Bachelor's Degree" were significantly higher than U.S. Census Bureau's numbers).

Strategies & Policies

In order to encourage, promote and develop a positive growth rate for the Katahdin Region, the following policies and implementation strategies have been developed:

Regional

1. **Policy:** To support and continue efforts with the 8-town vision process and to establish and carry out achievable goals and objectives outlined in the report.

Strategies: A series of strategies including: Make the Katahdin region the premier four-season outdoor destination in the Northeast; Future-proof the region by building social capital, use and reuse of the wood asset, protecting natural environment, local planning efforts, and expanding broadband activities; Be a place that supports and attracts people of all ages; Grow local jobs and a new regional economy; Grow the next wave of forest product manufacturing for a global economy; and, Grow walkable villages that serve as gateways to the wilderness.

Time Frame: Ongoing

Responsible Agent: Participants in the Katahdin Gazetteer Vision & Action Plan including Board of Selectmen, Katahdin Region Development Board, Our Katahdin, and residents of communities in the Katahdin region.

Millinocket

1. **Policy:** Continue efforts to recruit major employers such as manufacturers and large retailers, and to complement recruitment by emphasizing existing assets and distinctive resources.

Strategies: Plan where development should or should not go, encourage growth in town where businesses can thrive on a walkable main street and families can live close to their daily destinations. Expand affordable and energy-efficient housing, and an age-friendly community.

Time Frame: Ongoing.

Responsible Agent: Town Manager/ Economic Development Director, Town Council, Planning Board, Our Katahdin, Katahdin Region Development Board.

2. **Policy:** Promote small business development which helps rural people acquire assets and create wealth. Create space for innovation and have a regulatory environment that is designed to help small businesses open safely and quickly; do not create unnecessary hurdles for business owners.

Strategies: Use word-of-mouth marketing strategies, sponsor local events, get local press coverage, give away freebies, and have an active on-line presence. Build the infrastructure (incubator and co-working space, expanded broadband capacity) to attract new populations to the community.

Time Frame: Ongoing.

Responsible Agent: Town Manager/ Economic Development Director, Town Council, Planning Board, Our Katahdin, Katahdin Region Development Board.

East Millinocket

1. **Policy:** To work with key organizations to focus on developing a great quality of life environment in the town that will attract new residents and businesses.

Strategies: Continue efforts to convene key organizations to promote strategies and planning to enhance the quality of life that builds on the regions proximity to the wilderness, opportunities to

promote new economic revitalization, and communities that attract residents of all ages by being affordable, inclusive, and supportive.

Time Frame: Ongoing

Responsible Agents: Board of Selectmen (all communities), Katahdin Region Development Board, Our Katahdin, Broadband Utility Board, and other local/regional partners as identified.

Medway

1. Policy: *state policy here*

Strategies: *state strategies here*

Time Frame: *state length here*

Responsible Agent: *list all that are responsible for implementation*

2. Policy: *state policy here*

Strategies: *state strategies here*

Time Frame: *state length here*

Responsible Agent: *list all that are responsible for implementation*

State of Maine

Policies:

Minimum policies required to address state goals:

1. None available.

Strategies:

Minimum strategies to meet state goals:

1. None available.

Time Frame: Not applicable.

Responsible Agent(s): None available.

Chapter Ten

Economy

Goals/ Vision

State Goal

Promote an economic climate that increases job opportunities and overall economic well-being.

Local Goal

Millinocket

Create wealth, generate jobs, increase income, and ultimately reduce poverty and improve the quality of life for everybody in the locality.

East Millinocket

To develop strategies and goals around diversification of the economic base that will include natural resource-based industries, tourism-based industries and businesses, local commercial developments that will serve the local and visiting populations, and to strengthen local municipal and education services that are desired to attract diversified economic opportunities. To continue efforts that balance a younger workforce while providing services to an aging population; this includes home maintenance, shopping services, healthcare services, etc. In addition, continuing efforts to provide new infrastructure, such access as broadband which will attract new economic development to the region.

Medway

To provide infrastructure that will enable the future of workforce and young to be able to be gainfully employed using the means of new technologies that enable people to work from home. To be a first-stop location for visitors of the North Woods and provide means of opportunity for commerce, accommodations and dining by means of removing barriers to growth and opportunity

Introduction

East Millinocket & Millinocket were developed as classic mill towns. The towns were incorporated at the turn of the century when the mills were built. Medway was founded to help support the demand of housing for the mills. All three towns recognize that the mills were the most important aspect of the region's economy, and in many ways ignored other economic opportunities, leaning on the mills. Throughout the mills' operational periods, the Katahdin Region experienced some of the highest wages in the state, the highest per capita income, and fostered growth and stability for the area.

Whereas the mills were the historical mainstays of the region's economy for decades, their closures have forced the towns to reinvent themselves from mill towns to diverse, innovative, and energized communities. Today, the three towns are known as the "gateways" to Baxter State Park, Northern Maine Woods & Lake Region, Katahdin Woods and Waters, and the Maine Waterside Trails Center. The towns pride themselves on their four season tourist attractions and provide commercial and hotel services to snowmobilers, fishermen, tourists, and other travelers passing through the towns on their way north.

The closure of the mills and the remaining vacant sites has inevitably become the most important focal point to the growth management plan. The economy once revolved around the mills, as did population levels, housing, tax levels, and nearly every other facet of the towns.

Economic Statistics

The basic concepts involved in identifying the employed and unemployed are quite simple. People with jobs are “employed.” People who are jobless, looking for work, and area available for work are considered “unemployed.” People who are neither employed nor unemployed (i.e., not looking for work) are “not in the labor force.” The sum of the employed and the unemployed constitutes the civilian labor force. Persons not in the labor force combined with those in the civilian labor force constitute the civilian non-institutional population 16 years of age and over.

Persons less than 16 years of age are automatically excluded from the official labor force measurements, as are all inmates of institutions and persons on active duty in the armed forces. All other members of the civilian non-institutional population are eligible for inclusion in the labor force, and those 16 and over who have a job or are actively looking for one are so classified. Many who do not participate in the labor force are going to school or are retired. Family responsibilities can keep others out of the labor force, and a physical or mental disability can prevent individuals from participating in labor force activities.

Employment by Occupation

	East Millinocket		Millinocket		Medway		Penobscot County		Maine	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
Civilian employed population 16 years and over	714	689	1,736	1,665	390	417	71,852	72,513	648,687	652,638
Management, business, science, and arts occupations	170	167	421	429	74	85	25,292	25,560	229,781	234,520
Service occupations	123	130	393	449	71	63	14,783	14,496	120,088	120,381
Sales and office occupations	197	181	467	386	73	77	17,653	17,901	155,292	153,816
Natural resources, construction, and maintenance occupations	93	78	203	188	99	130	6,872	7,076	69,640	69,796
Production, transportation, and material moving occupations	131	133	252	213	73	62	7,252	7,480	73,886	74,125

- Data was provided by the U.S. Census Bureau
- Occupation for Civilian Employed Population is new and only dates back to 2015.
- 2015 data set is based of ACS estimates (5 year estimate).

Overall Employment & Unemployment

Total Population (16+ years old), %	2010	2012	2014	2016
East Millinocket				
Labor Force Participation Rate	52.2	53.9	49.8	50.8
Employment/ Population Ratio	50.3	48.3	44.0	45.3
Unemployment Rate	3.8	9.6	11.2	10.9
Millinocket				
Labor Force Participation Rate	47.8	50.3	46.5	47.1
Employment/ Population Ratio	42.3	47.7	43.4	43.9
Unemployment Rate	11.4	5.3	6.7	6.7
Medway				
Labor Force Participation Rate	61.9	53.7	51.0	49.8
Employment/ Population Ratio	57.6	45.0	42.6	43.8
Unemployment Rate	6.9	16.2	16.6	12.0
Penobscot County				
Labor Force Participation Rate	63.8	63.5	62.0	61.3
Employment/ Population Ratio	59.6	58.5	56.9	56.6
Unemployment Rate	6.3	7.5	8.0	7.3
Maine				
Labor Force Participation Rate	65.2	64.8	63.9	63.2
Employment/ Population Ratio	60.7	59.8	59.0	59.2
Unemployment Rate	6.5	7.4	7.4	6.0

- Data was provided by the U.S. Census Bureau
- Numbers are based off of ACS 5 year estimates

Employment vs. Unemployment by Age (2016)

	East Millinocket	Millinocket	Medway	Penobscot County	Maine
Labor Force Participation Rate, %					
16 to 19 years old	66.1	31.1	0.0	43.7	48.4
20 to 24 years old	83.3	73.0	62.8	76.9	80.2
25 to 29 years old	74.0	74.4	50.0	81.1	83.5
30 to 34 years old	62.7	100.0	100.00	83.8	82.4
35 to 44 years old	56.3	65.1	82.3	81.4	83.3
45 to 54 years old	76.1	73.0	70.8	77.3	81.0
55 to 59 years old	56.1	75.2	51.9	69.5	74.5
60 to 64 years old	49.6	30.8	29.8	52.5	58.0
65 to 74 years old	25.0	7.9	30.8	24.9	27.6
75+ years old	7.1	3.6	0.0	4.5	6.0
Employment/ Population Ratio, %					
16 to 19 years old	37.5	31.1	0.0	33.1	39.9
20 to 24 years old	48.3	61.2	25.6	67.3	71.0
25 to 29 years old	63.5	53.4	50.0	72.4	76.5
30 to 34 years old	49.2	100.00	100.00	78.3	77.2
35 to 44 years old	54.1	65.1	73.4	76.4	78.9
45 to 54 years old	73.9	70.5	68.4	74.2	77.5
55 to 59 years old	51.1	65.9	46.3	65.7	71.5
60 to 64 years old	49.6	30.8	27.9	50.8	55.7
65 to 74 years old	25.0	7.9	22.0	23.7	26.5
75+ years old	7.1	3.6	0.0	4.4	5.7
Unemployment Rate, %					
16 to 19 years old	43.2	0.0	-	24.2	17.4
20 to 24 years old	42.0	6.2	59.3	11.7	10.9
25 to 29 years old	14.3	28.2	0.0	10.7	7.9
30 to 34 years old	21.5	0.0	0.0	6.1	5.7
35 to 44 years old	3.9	0.0	10.8	5.7	5.0
45 to 54 years old	2.9	3.5	3.3	3.9	4.3
55 to 59 years old	8.9	12.4	10.7	5.5	4.0
60 to 64 years old	0.0	0.0	6.5	3.4	3.9
65 to 74 years old	0.0	0.0	28.6	4.8	3.9
75+ years old	0.0	0.0	-	2.4	4.7

- Data was provided by the U.S. Census Bureau
- Numbers are based off ACS 5 year estimates

Income Information

Income patterns are of importance to the towns for analysis of economic development and affordable housing issues as discussed in Chapter 11. Income levels also affect the towns' economies, and abilities to raise revenues through taxes or fees. When the income figures for the areas are particularly low, generally there is a proportional increase in the municipal general assistance expenditures.

Household Income

Household Income is the measurement of a household's combined income. It is calculated by including all forms of income (salaries & wages, retirement income, food stamps, investment gains, etc.) of all people sharing a particular place of residence. The median household income is essentially the household income divided by two or averaged. The median household income for the Katahdin Region is \$36,517; the table below includes the three individual towns, along with Penobscot County and Maine.

Income - Median Household, 2015	East Millinocket	Millinocket	Medway	Penobscot County	Maine
Median Household Income	37,744	30,106	41,700	44,271	49,331
Margin of Error	+/- 4,443	+/- 4,987	+/- 7,986	+/- 1,142	+/- 512

- Data was provided by the Maine Economist

Poverty Level

The poverty guidelines are issued each year in the *Federal Register* by the Department of Health & Human Services (HHS). The guidelines are a simplification of the poverty thresholds used for administrative purposes – for instance, determining financial eligibility for certain federal programs.

The income cutoffs used by the U.S. Census Bureau to determine poverty status consist of a set of several thresholds, including family size and number of family members less than 18 years of age. In 2015, for a household of one the poverty threshold was \$11,770, while a household of two was \$15,930, three was \$20,090, and four was \$24,250. The table below has already taken in account these thresholds and shows the number and percentage of families considered to be below the poverty level.

Income - Families below poverty level, 2015	East Millinocket	Millinocket	Medway	Penobscot County	Maine
All families - Total	547	1,208	344	38,306	347,579
All families - % below poverty	17	11.6	6.7	10.6	9.3

- Data was provided by the Maine Economist

Major Employers – Katahdin Region

Company Name	City	Primary NAICS Description	Location Emp. Size
Millinocket Regional Hospital	Millinocket	General Medical & Surgical Hospitals	100 to 249
Baxter State Park	Millinocket	Nature Parks & Other Similar Institutions	50 to 99
Gerald Pelletier Inc.	Millinocket	Specialized Freight (Exc Used Gds) Tracking Long-Distance	50 to 99
Granite St School	Millinocket	Elementary & Secondary Schools	50 to 99
Hannaford Supermarket	Millinocket	Supermarkets/Other Grocery (Exc Convenience) Strs	50 to 99
Jump & Raft	Millinocket	Bed-&-Breakfast Inns	50 to 99
Katahdin Health Care	Millinocket	Nursing Care Facilities (Skilled Nursing Fclts)	50 to 99
KFI	Millinocket	Vocational Rehabilitation Services	50 to 99
Community Pool	East Millinocket	Fitness & Recreational Sports Centers	20 to 49
East Branch SnoRovers & ATV Club	East Millinocket/Medway	Civil & Social Organizations	0
Eastmill Federal Credit Union	East Millinocket	Credit Unions	20 to 49
Ellis Family Market	East Millinocket	Supermarkets/Other Grocery (Exc Convenience) Strs	20 to 49
Medway Middle School	Medway	Elementary & Secondary Schools	20 to 49
Recreation Department	East Millinocket	Legislative Bodies	20 to 49
Schenck High School	East Millinocket	Elementary & Secondary Schools	20 to 49
Scotts Co	Medway	Farm Supplies Merchant Wholesalers	20 to 49
Timberland Trucking	Medway	Specialized Freight (Exc Used Gds) Tracking Long-Distance	20 to 49
Wings For Children & Families	Medway	Psychiatric & Substance Abuse Hospitals	20 to 49
Big Moose Inn	Millinocket	Bed-&-Breakfast Inns	20 to 49
Fredericka's Restaurant	Millinocket	Full-Service Restaurants	20 to 49
Katahdin Federal Credit Union	Millinocket	Credit Unions	20 to 49
Loose Moose Bar & Grille	Millinocket	Full-Service Restaurants	20 to 49
Mc Donald's	Millinocket	Limited-Service Restaurants	20 to 49
Millinocket Fabrication & Mach	Millinocket	Machine Shops	20 to 49
Millinocket Irving Mainway	Millinocket	Convenience Stores	20 to 49
Millinocket Middle School	Millinocket	Elementary & Secondary Schools	20 to 49
New England Outdoor Center	Millinocket	All Other Traveler Accommodation	20 to 49
River Driver's Restaurant & Pub	Millinocket	Full-Service Restaurants	20 to 49
Stearns High School	Millinocket	Elementary & Secondary Schools	20 to 49
Three Rivers White Water	Millinocket	Sports & Recreation Instruction	20 to 49
University Of Phoenix	Millinocket	Colleges, Universities & Professional Schools	20 to 49

- *Data was provided by ReferenceUSA*

Economic Development

Current/ Developing Projects

Tourism and recreation continue to be a large part of the regions cultural and business identity. The Baxter State Park, Katahdin Woods and Waters National Monument, Debsconeag Wilderness Lakes Area, and other land areas available for public access provide economic value through visitors spending in the region. The Butler Trail development is nearly complete on the Grindstone area of Route 11 along the East Branch of the Penobscot River. The region's reputation for outdoor recreation including space for 4-season recreation including hiking, biking, ATV riding (including designation as an ATV Friendly Community), snowmobiling, cross country skiing and snowshoeing, golf, white water rafting, and fishing/hunting makes it a tourism destination.

East Millinocket – Renovated Ellis Family Market

In 2014, the Ellis Brothers (Jon & Peter Ellis – Sons of Founders Lou & Al Ellis) purchased the former Loundsbury's Shop 'n' Save in East Millinocket. The store is their second of the Ellis Family Market, which has operated a grocery store in Patten, Maine since 1983.

The Ellis Brothers expanded the former store, almost doubling it in the fall of 2015, due in large part to increased outdoor recreational opportunities as well as increased residential use of this new, improved market rather than one in neighboring towns.

East Millinocket – Town Swimming Pool Renovations

In January of 2018, the Gloria C. MacKenzie Foundation, Inc. announced that it would award a total of \$922,562 dollars in a series of 28 grants towards projects from across the State. The Gloria C. MacKenzie Foundation, Inc. is a private foundation that was established in 2013 to help fund efforts regarding education and economic opportunities for public development in the State of Maine.

East Millinocket – ATV Rescue Services

The Town of East Millinocket received a grant worth \$122,000 for the purchase of an ATV Rescue vehicle for the Fire Department and funding to assist on-going efforts to renovate the local pool.

East Millinocket - Wastewater System

In May of 2018, the United States Department of Agriculture (USDA) Rural Development announced a \$2.27 million dollar investment in the Town of East Millinocket through Rural Development Water and Wastewater Loan and Grant funds. The project was previously awarded a \$3.5 million dollar grant and a \$3.65 million dollar loan towards the project. The federal funding is set to complete upgrades to the Town's Waste Water Treatment Facility, which serves roughly 737 residents, 28 commercial and 7 government customers.

East Millinocket – NAPA Auto Parts

NAPA Auto Parts expanded their commercial space at their current location on Main Street in 20XX.

East Millinocket – Millinocket Regional Hospital Walk-In Care

In 2017, The Millinocket Regional Hospital completed renovations on their Walk-in Care located at 87 Main Street, former Bangor Savings Bank building. A vacant commercial space at the corner of Main and Birch Streets beside the Walk-in Care building was demolished to enhance the area.

East Millinocket – Other

The East Millinocket Federal Credit Union recently completed their renovations to add drive-through services to motorists' local and tourist alike. In addition, Crandall's Hardware completed their renovations to their building and business in 20XX.

Millinocket – Wastewater System

In 2016, the town replaced the 40 year old Caterpillar generator set at the Pines Lift Station with a new Onan Cummins generator. The town is in the process of replacing the main generator at their Wastewater Treatment plant. Millinocket has contracted the T. Buck Construction Inc. to replace 2,000 feet of sewer pipe on Minuteman Drive. In 2019, the town hopes to continue upgrading the wastewater system with the replacement of lines on New Jersey and New York Street.

Millinocket – Snow Removal Equipment (SRE) Building

Working with Maine Department of Transportation, Millinocket is in the process of safety and infrastructure improvements towards the Millinocket Municipal Airport. The town's largest project will be the acquisition of snow removal equipment and construction of a snow removal equipment building. The project is expected for working year 2019- 2020.

Millinocket – Tourism and Recreation

As noted in the regional overview, Millinocket has a large economic base in tourism and recreation. Millinocket's reputation as a recreational destination continues to expand. The annual Millinocket Marathon & Half (December) and the Century Bike Event (June) continue to have increased participation, with 1,155 runners in the 2017 marathon and 83 riders in the bike event.

Medway – Scott's Company

Waiting for more information.

Medway – Medway Playground Renovations

Starting in 2017, Medway began renovations to the town's playground. The renovations were funded by a \$200,000 grant with a contribution of \$20,000 from the Town of Medway, as well as an \$80,000 grant from The McKenzie Foundation. The renovations included all new grade, fill, and replacement of the playground base and equipment. It included the removal of the tennis courts and the creation of a paved parking lot. The funds allowed for the replacement of the ballfield shed and fence. The project's completion is scheduled for 2019.

Medway - Medway Middle School

Waiting for more information.

"Opportunity Zones"

Under the Tax Cuts and Jobs Act of 2017, East Millinocket & Millinocket were designated by Maine's Governor, Paul LePage, as "Opportunity Zones." These zones are part of a new economic development

program that encourages long-term investments in low-income areas by offering tax deferral for capital gains reinvested in businesses in an “Opportunity Zone” and a permanent exclusion for gains from the “Opportunity Zone” investment.

Future Opportunity

The Katahdin region will continue looking for opportunities to attract new funding streams for economic development projects. The use of tax incentives, payment in lieu of taxes (PILT), and our designation as a Pine Tree Development Zone (PTZ) will enhance the new designation as opportunity zones and business attraction efforts to bring economic revitalization and opportunity to the region. Each program is briefly described below:

Tax Incentives

Tax Increment Financing (TIF)

The following is directly from the Maine Department of Economic and Community Development:

“Tax Increment Financing is a flexible finance tool used by municipalities, towns, plantations, and the Unorganized Territory to leverage new property taxes generated by a specific project or projects within a defined geographic district. Any portion of the new taxes may be used to finance public or private projects for a defined period of time up to 30 years.

The Program is locally-driven: the municipality, town, or city defines the district and chooses how much of the new taxes will go to what public and private projects over what period of time, with the whole package requiring local political approval.

A business may approach a municipality with a proposal for investment for which a TIF district would provide financing. Or, a town might take advantage of an already-planned and financed project and create a TIF district around it, capturing a portion of new property tax revenue for specific uses

Over their term, TIF districts can return thousands to millions of dollars to a municipality. The projects financed may range from upgrading a road or adding a wing to an existing building, or to the Bath Iron Works modernization that created its dry dock ship launching facility.”

Payment In Lieu of Taxes (PILT)

Directly from the United States Department of the Interior:

““Payments in Lieu of Taxes” (PILT) are Federal payments to local governments that help offset losses in property taxes due to non-taxable Federal lands within their boundaries. The original law is Public Law 94-565, dated October 20, 1976. This law was rewritten and amended by Public Law 97-258 on September 13, 1982 and codified at Chapter 69, Title 31 of the United States Code. The law recognizes the financial impact of the inability of local governments to collect property taxes on Federally-owned land.

PILT payments help local governments carry out such vital services as firefighting and police protection, construction of public schools and roads, and search-and-rescue operations. The payments are made annually for tax-exempt Federal lands administered by the Bureau of Land Management, the National Park Service, the U.S. Fish and Wildlife Service (all bureaus of the Department of the Interior (DOI)), the U.S. Forest Service (part of the U.S. Department of Agriculture), and for Federal water projects and

some military installations. PILT payments are one of the ways the Federal Government can fulfill its role of being a good neighbor to local communities.”

Pine Tree Development Zones

Directly from the Maine Department of Economic and Community Development (DECD):

“The Pine Tree Development Zone Program (PTZ) offers eligible businesses the chance to greatly reduce, or virtually eliminate, state taxes for up to ten years when they create new, quality jobs in certain business sectors, or move existing jobs in those sectors to Maine.

Eligible sectors are:

- *Biotechnology*
- *Aquaculture and Marine Technology*
- *Composite Materials Technology*
- *Environmental Technology*
- *Advanced Technologies for Forestry and Agriculture*
- *Manufacturing and Precision Manufacturing*
- *Information Technology*
- *Financial Services*

A new, quality job is defined as one that:

Meets the income requirements for the current year. Income includes "income derived from employment" (IDE) or employee earnings, and employer payments toward employee benefits including retirement, health insurance, education, and dependent care. That total for any new, quality job, must exceed the per capita personal income for that county. Use the 2018 Income Guidelines (PDF) to determine annual income requirements.

Includes access to a group health care plan.

Includes access to group retirement benefits, subject to ERISA, such as a 401-K or pension plan.

PTDZ benefits do not apply to jobs moved from one area to another within the state.”

It should be noted that the eligible sectors listed above are opportunities currently in place or under investigation for future growth.

The Katahdin region communities intend to utilize all state, regional, and local programs that provide resources and benefit to economic activities.

Industrial Park(s)

Millinocket –Development of Former Mill Site

The former Millinocket mill, Great Northern Paper, completely stopped operations in 2011, impacting the Town negatively resulting in the lack of good wage jobs, hundreds of unemployed residents, an increase in the Town’s mill rate, and outmigration of population. The site is situated on 1,400 acres of land, with 400 acres deemed to be brownfield in nature and the remaining 1,000 acres as green space. Assets remaining at the former mill site include:

- The major thoroughfare into and out of the mill, Golden Road, a 96-mile private road built by Great Northern Paper that stretches from the St. Zacharie border crossing to the terminus at the mill site.
- Roads and wood yard infrastructure intact that are designed for traffic flow and optimal wood yard management.
- The 32-megawatt hydropower-generating facility that dramatically reduces the cost of power.
- Remaining buildings that align with requirements of the BioEnergy Campus. Buildings remaining on the site are the Administration Building, Engineer and Research Building, Number 11, Plant Engineering, Store Room, and Warehouse Seven.

The mill site was purchased in 2017 by Our Katahdin, who intends to develop the site into a multi-tenant industrial park hosting both traditional and innovative forest products businesses such as cross-laminated timber manufacturing, bio-refining, and nanocellulose production. The site has also been of interest to potential tenants in the aquaculture, food production, and data center industries. A recent EDA investment of \$5.3 million will help facilitate infrastructure improvements to roads, water/wastewater supply, power, rail improvements, and installation of truck scales. This funding is supplementing additional funds for EPA cleanup, expansion of broadband capacity, and construction investments to house new business tenants.

Millinocket – Huber Forest Products & Technology Park

The Huber Forest Products & Industrial Park is a property located on the east end of Millinocket. Located on 308 acres, there are parcels ranging in size from 12.1 acres to 63.2 acres; one lot is shared by Huber Resources Corp and Gardner Chip mill (currently inactive). A total of seven lots remain. The Town's goal is to attract new tenants to fill this site to capacity.

East Millinocket – Former Great Northern Paper Mill Site

The Town of East Millinocket is the home of a 214 acre former paper mill site now known as Katahdin K1 50, LLC which is located on Route 157 (Main Street) and along the West Branch of the Penobscot River. This property is undergoing some demolition of older buildings on this site with hopes to retain several other buildings that could be converted to other industrial uses. The owner is working closely with the Town Selectmen and others to seek out alternative industrial developers to use these selected buildings. The newly formed Katahdin Region Development Board and Executive Director will work to enhance opportunities for this former mill site.

East Millinocket – Katahdin Regional Industrial Park

The Katahdin Regional Industrial Park, constructed in 1990, is located in the Town of East Millinocket along Route 157, three miles from I-95 Medway interchange and 6 miles from Millinocket Regional Airport. This 68 acre park has 22 lots ranging in size from one acre to over 6 acres. Each site has town water, sewer, three phase power, telephone and access to the Three Ring Binder Broadband fiber. Several sites have access to Central Maine and Quebec Railway lines from which a spur to the line could be built. In addition, the park has a training facility that was built to provide workforce training and entrepreneurial services.

Other Economic Development Opportunities

Millinocket – 230 Penobscot Avenue, Co-Working Center

Our Katahdin purchased the Miller's building, a former department store closed in 2008. In a state of disrepair, Our Katahdin has been awarded an EPA cleanup grant to begin renovations to the point of reuse as a co-working space to support new entrepreneurs, innovation, and small business growth. With funds from Eastern Maine Development Corporation through an EDA investment, a consultant will be engaged to help with space design, development of a business plan, best practices research, and creation of a strategic plan for buildout and operations. This space is being connected with high-speed broadband technology to support enhanced communications and tech-based businesses. Launching of the co-working space is scheduled for 2019.

Millinocket – Other

In addition to the projects named, Millinocket will continue to pursue other economic development projects that can spur economic growth and vitality. The Solar Farm located on the Town's wastewater treatment plant land has the potential to provide energy- and cost-efficient power for the plant and the Town's Transfer Site. The Town is also looking to expand broadband capacity to support increased business activity including home-based businesses. The creation of a broadband utility between the towns of Millinocket, East Millinocket, and Medway is currently being explored, with grant support from the Northern Border Regional Commission and USDA Rural Developments Community Connector program.

East Millinocket – Other

The Town has a growing animal day-care facility, Katahdin Kritters, located at the Katahdin Regional Industrial Park. This facility serves residential pet care needs and also provides day care for pets of travelers who intend to visit Baxter State Park. The Park has pet restrictions and this day care facility provides a solution to those who wish to bring their pets along on vacation.

INDUSTRIAL PARK

Katahdin Regional Industrial Park, constructed in 1990, is located in the Town of East Millinocket along Route 157, three miles from I-95 Medway interchange and 6 miles from Millinocket Regional Airport. This 68 acre park has 22 lots ranging in size from one acre to over 6 acres. Each site has town water, sewer, three phase power, telephone and access to the Three Ring Binder Broadband fiber. Several sites have access to Central Maine and Quebec Railway lines from which a spur to the line could be built. In addition, the park has a training facility that was built to provide workforce training and entrepreneurial services.

The region has numerous industrial parks, capable workforces, and a career center (located in East Millinocket) that can help train employees for high tech jobs of the future, along with a great quality of life, school system, and low crime rates; all making the Katahdin Region an ideal area to (re)locate new or existing businesses.

East Millinocket has a close rail system linking into the former Mill Site with available, inexpensive lots that are ready for development.

Medway has three phase power for industrial use along Route 11 and Nicatou Road along with plans for future development of Radio Tower and Industrial/ Corner. There are development opportunities on Nicatou Road and Ministerial Lands.

Recent Economic Studies

Town of Millinocket Annual Survey

In 2017, the Town of Millinocket ventured on a project with the mindset of enhancing communications between the local municipality and the community. The survey was developed, conducted, and reviewed by the Millinocket Economic Development Committee. The survey comprised of three parts: Demographics, Closed Response Questions, and Open Response Questions. The raw data was then compiled into a report and was made available for public consumption.

Participants within the Closed Response section, were asked to answer the questions on a scale of Not Important, Somewhat Important, Neutral, Important, or Very Important. Of the responses worth noting, nearly half of participants agree to some degree that there is some progress in the economic development efforts within the Town of Millinocket. Over three quarters of participants believe that recreation in some degree and industry in some degree are important to the future of Millinocket and the region.

Participants within the Open Response section were asked five questions relating to the current economic development and thoughts of the future. This section received a lack of response, but key words and findings were reported in the full report. Overall, participants spoke of the beauty of living in a small town where everyone knows everyone, and the ease of access to the outdoors. Participants, when asked about the future, spoke about attracting new industry to Millinocket to help employ the youth and the lower the tax rate of residents.

Strategies & Policies

In order to promote an economic climate that increases job opportunities and overall economic well-being, the Katahdin Region has developed the following policies and implementation strategies for their respected towns:

Millinocket

1. **Policy:** The town will further refine the already established areas best suited for development.
Strategies: The town will update their land use ordinance to be consistent with the updated comprehensive plan. This action will continue to reduce the likelihood of incompatible uses, will channel growth into the appropriate locations within the town and retain the quality of life that Millinocket residents have become accustomed to. Furthermore, the town will consider adding language to their land use ordinance that incorporates voluntary design criteria compliance in an effort to make the town more aesthetically pleasing.
Time Frame: On-going
Responsible Agent(s): Town Manager, Planning Board, and Town Council
2. **Policy:** The town will encourage labor force training.
Strategies: The town recognizes the importance of adequate training for creation and maintenance of a healthy and competitive work force. The town also recognizes that adult education, vocational schools, community colleges' graduate and undergraduate programs, the

Katahdin Regional Higher Education Center (KRHEC), Literacy Volunteers, SCORE, job training programs, and other federal programs in the area are an asset to the entire region. Program information will be made available at the town hall in the form of brochures and catalogues, and other outreach measures will be employed to increase awareness.

Time Frame: On-going

Responsible Agent(s): Town Manager and Town Council

3. **Policy:** The town will pursue grants to fund the needs of the town.

Strategies: The towns will continue to contact the applicable state and federal agencies to solicit information regarding block grants and other revenue sources for improvements to the town. A review of the needs of existing and potential uses will be conducted to match the needs with potential funding sources. Once the information has been gathered, procurement of the funds will be pursued. The town will evaluate the potential for the establishment of a Katahdin Investment Fund. This investment fund would be used as a potential resource for access to capital for town and business development projects.

Time Frame: On-going

Responsible Agent(s): Town Manager and Town Council

4. **Policy:** The town will seek ways to diversify the local economy.

Strategies: Options for diversifying the local economy range from annexing new lands adjacent to Millinocket, to encouraging individuals to undertake new business ventures or to expand home occupations. Home occupation performance standards will continue to be included in the land use ordinance to ensure compatibility with residential neighborhoods and adjacent properties. Home occupations will continue to be allowed in various locations throughout the community.

Time Frame: On-going

Responsible Agent(s): Code Enforcement Officer, Planning Board, Town Manager, and Town Council.

5. **Policy:** The town will promote community awareness and community pride.

Strategies: The town will continue to promote community and Katahdin pride by working with the school system to develop programming to educate students about the town's history and by continuing to participate with the regional efforts of Our Katahdin and the Katahdin Chamber of Commerce.

Time Frame: On-going

Responsible Agent(s): Town Manager, Town Council, School Department, Our Katahdin, and Katahdin Chamber of Commerce

6. **Policy:** The town will promote regional cooperation.

Strategies: On a regional level, the town will continue to work with nearby towns on economic development to promote regional marketing. A plan to combine all economic development efforts in the region will be considered. Such a plan would include the sharing of tax revenues regardless of which community the entity is successfully located in. The host community would receive the largest percentage of the revenue with the remainder being split between the other participating communities. This initiative will help to instill Katahdin Pride as outlined in Policy #5 and will

foster cooperation across the region by removing the economic development competition between communities while encouraging optimism and open-mindedness. Representatives from the town will continue to work with adjacent communities for a joint approach to transportation, bike paths, solid waste, land use planning and other pertinent issues as they may rise.

Time Frame: On-going

Responsible Agent(s): Town Manager, Planning Board, and Town Council

7. **Policy:** The town will encourage a diversified economic base.

Strategies: The town will continue work to bolster the retail community and promote the community as a four-season destination. Interested parties will be sought to invest in the region to expand recreational opportunities. The town will implement the recommendations contained in the airport master plan, which will strengthen the airport's opportunities for future growth and expanded services. The town will continue to secure a Pine Tree Development Zone, which will further diversify the community's economic base. The Planning Board will work with potential developers to ensure that the process is conducted in a timely manner and that town regulation and ordinances are followed. Natural resources based tenants will be welcomed within the community and encouraged to locate to the Huber Industrial Park.

Time Frame: On-going

Responsible Agent(s): Town Manager, Town Council, and Planning Board.

East Millinocket

1. **Policy:** To diversify manufacturing & technology based industry.

Strategies: To increase broadband accessibility.

Time Frame: Within 2 years

Responsible Agent: Administrative Assistant and Board of Selectmen

2. **Policy:** The town will continue to keep current ordinances and policies.

Strategies: The town will update their land use ordinance to be consistent with the updated comprehensive plan. This action will continue to reduce the likelihood of incompatible uses, will channel growth into the appropriate locations within the town and to bring clarity to developers as they work to comply with local ordinances and to improve the aesthetics of the community.

Time Frame: On-going

Responsible Agent(s): Administrative Assistant, Planning Board, Board of Selectmen

3. **Policy:** The town will encourage labor force training (attraction and retention).

Strategies: The town recognizes the importance of adequate training for creation and maintenance of a healthy and competitive work force. The town also recognizes that adult education, vocational schools, community colleges' graduate and undergraduate programs, Katahdin Regional Higher Education Center (KRHEC), Literacy Volunteers, SCORE, job training programs, and other federal programs in the area are an asset to the entire region. Program information will be made available at the town hall in the form of brochures and catalogues.

Time Frame: On-going

Responsible Agent(s): Administrative Assistant, Board of Selectmen, School Board and other Boards

4. **Policy:** The town will pursue grants to fund the needs of the town.

Strategies: The towns will continue to contact the applicable state and federal agencies to solicit information regarding block grants and other revenue sources for improvements to the town. A review of the needs of existing and potential uses will be conducted to match the needs with potential funding sources. Once the information has been gathered, procurement of the funds will be pursued.

Time Frame: On-going

Responsible Agent(s): Administrative Assistant and Board of Selectmen

5. **Policy:** The town will seek ways to diversify the local economy.

Strategies: Options for diversifying the local economy will be a focus for development at the former mill site and the industrial park. The Town will work with local and new businesses to assist them in expansion or new entrepreneurial developments. The Town will provide outreach to organize discussions with existing business owners to develop a plan for success.

Time Frame: On-going

Responsible Agent(s): Administrative Assistant and Board of Selectmen

6. **Policy:** The town will promote regional cooperation.

Strategies: On a regional level, the town will continue to work with near-by-towns on economic development to promote regional marketing. A plan to combine all economic development efforts in the region will be considered. Representatives from the town will continue to work with adjacent communities for joint solutions to issues and opportunities as they arise.

Time Frame: On-going

Responsible Agent(s): Administrative Assistant and Board of Selectmen

7. **Policy:** The town will encourage a diversified economic base.

Strategies: The town will continue to work to bolster the industrial and retail community and to promote the community as a four-season community. Interested parties will be sought to invest in the region to expand industrial, business, tourist and service related opportunities. The Planning Board will work with potential developers to ensure that the process is conducted in a timely manner and that town regulation and ordinances are followed.

Time Frame: On-going

Responsible Agent(s): Administrative Assistant and Board of Selectmen and Planning Board.

Medway

1. **Policy:** *state policy here*

Strategies: *state strategies here*

Time Frame: *state length here*

Responsible Agent: *list all that are responsible for implementation*

2. **Policy:** *state policy here*

Strategies: *state strategies here*

Time Frame: *state length here*

Responsible Agent: *list all that are responsible for implementation*

State of Maine

Policies:

Minimum policies required to address state goals:

1. To support the type of economic development activity the community desires, reflecting the community's role in the region.
2. To make a financial commitment, if necessary, to support desired economic development, including needed public improvements.
3. To coordinate with regional development corporations and surrounding towns as necessary to support desired economic development.

Strategies:

Minimum strategies to meet state goals:

1. If appropriate, assign responsibility and provide financial support for economic development activities to the proper entity (e.g., a local economic development committee, a local representative to a regional economic development organization, the community's economic development director, a regional economic development initiative, or other).
2. Enact or amend local ordinances to reflect the desired scale, design, intensity, and location of future economic development.
3. If public investments are foreseen to support economic development, identify the mechanisms to be considered to finance them (local tax dollars, creating a tax increment financing district, a Community Development Block Grant or other grants, bonding, impact fees, etc.)
4. Participate in any regional economic development planning efforts.

Time Frame: Ongoing

Responsible Agent(s): State of Maine, East Millinocket, Millinocket

Chapter Eleven

Housing

Goals/ Vision

State Goal

To encourage and promote affordable, decent housing opportunities for all Maine citizens.

Local Goal

Millinocket

To identify strategies to increase housing reuse of current properties. To demolish subpar housing so that the remaining homes will rise in value and housing will be proportional to population. To evaluate opportunities for new housing – single tenant, multi-tenant, and mixed use housing – as well as promoting owned and rental units.

East Millinocket

To encourage and promote high quality, affordably owned or rented housing through home improvement programs, façade programs etc. In addition, continue efforts to demolish dilapidated homes, offering land to adjoining homes to increase lot sizes making the properties and the community more aesthetically attractive and thereby increasing overall values. To work towards a cohesive plan of action that will systematically increase the values of homes to meet or exceed state median house values thereby reducing the overall tax rates for taxpayers in the community.

Medway

To encourage and promote development of affordable housing opportunities for owned and rental through available home improvements grants, development programs, etc.

Introduction

One of the most important issues for any community and its residents is the availability of affordable housing. For many communities, the term affordable housing is synonymous with manufactured housing or mobile homes. It is very important to insure that affordable housing in the community does not also jeopardize the health, welfare and safety of its residents.

The Town of Medway was built along the banks of both branches of the Penobscot River, as the first settlers' mode of transportation was by water. Today, the area is still the most "desired" part of the town, for both arteries of transportation running parallel to the river. Medway has been considered by many as a feeder to the communities of East Millinocket & Millinocket; when the Mills were at their peak, a majority of Medway's residents were employed by Great Northern Paper and her mills.

As for East Millinocket & Millinocket, they have both been considered as two of the few examples of "planned" communities in Maine particularly where housing is concerned. The communities were built to serve the employees and families of the Great Northern Paper mills. Because Great Northern owned virtually all of the land adjoining their mills, the company was able to control housing growth and land subdivision from the very start. As the mill expanded and housing needs increased, Great Northern selected the new areas to be subdivided, and worked with and aided the prospective house builder. Great

Northern also restricted the usage of the land to residential purposes through deeds and provided minimum house valuation standards. Such standards helped to assure the adequacy, sturdiness, and harmony of what would become very concentrated housing. The basic ground rules have not changed although the interactions between the homeowner, community, and company have varied as different sections of East Millinocket and Millinocket have been developed.

The geographic size of the towns also played a role in its housing development. While most townships in Maine contained approximately 20,000 acres, Millinocket had only 7,500 until the 1989 annexation of over 4,000 acres and East Millinocket has only 5,000 acres, still leaving it with a relatively small land area as discussed in the Land Use Chapter. The limited acreage of the two towns, combined with Great Northern Paper Company's planning, led to a densely populated urban area in the middle of vast forestlands. However, Medway's 26,329 acres (well above the average 20,000 acres) allowed the town's housing market to develop housing for employees of the once operating mills.

The years following World War II were the Katahdin Region's period of most prominent growth in housing, helping sculpt the three towns. By 1947, a seventeen-year boom in housing construction was underway which added streets and houses throughout the towns. Housing construction resulted in over 900 new dwellings in Millinocket, East Millinocket, and Medway. Predictably, Great Northern was expanding its operations and anticipated the new demand.

Historically, housing in the Katahdin Region has grown with few periods of interruption. Two intense periods of development occurred when Great Northern expanded. Those periods first liberated the town of Millinocket from the huts of Shack Hill, and then doubled Millinocket's compact area with the movement to the east side of Millinocket Stream. Due to the area's overall economic decline, job loss, and outmigration of its youth, Millinocket along with East Millinocket and Medway are now experiencing an oversupply of housing units.

Housing Market

The following tables show total housing units for the Katahdin Region, Penobscot County, and the State of Maine. According to the U.S. Census and the ACS estimates for 2016, the Katahdin Region had an estimated 4,048 of housing units, a growth rate of 2.54% from 2010.

Historic

	1980	1990	2000	2010	% Change (2000 – 2010)
Total Housing Units					
East Millinocket	830	881	877	871	-0.7%
Millinocket	2,725	2,874	2,679	2,586	-3.4%
Medway	590	676	651	591	-10.2%
Penobscot County	49,416	61,359	66,847	73,860	9.5%
Maine	501,093	587,045	651,901	721,830	9.7%
Total Occupied Housing Units					
East Millinocket	793	845	780	768	-1.6%
Millinocket	2,596	2,704	2,295	2,167	-5.9%
Medway		637	587	567	-3.5%
Penobscot County	45,974	54,063	58,096	62,966	7.7%

Maine	395,184	465,312	518,200	557,219	7.0%
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- Data was provided by the U.S. Census Bureau

Current

Total Housing Units	2016	% Change
East Millinocket	.894	14.1%
Millinocket	2,551	-1.4%
Medway	603	2.0%
Penobscot County	74,302	0.6%
Maine	727,127	0.7%

Total Occupied Housing Units	2016	% Change
East Millinocket	820	6.3%
Millinocket	2,040	-6.2%
Medway	477	-18.7%
Penobscot County	61,787	-1.9%
Maine	551,109	-1.1%

- Data was provided by the U.S. Census Bureau
- Numbers are based off of ACS 5 year estimates

Projected

For any community, it is important to project out any anticipated demand in housing their community may experience. Unfortunately, at this time no organization or Government agency projects increased housing demand for the region. However, using the Household Formation Calculation, one can develop a rough estimate of possible demand as it relates to population projection numbers.

By 2034, the Katahdin Region will experience diminishing demand of an estimated 325 housing units. Millinocket will experience the largest decrease in demand. Overall, Penobscot County will experience an increase while the State of Maine experiences a diminishing demand.

Again, these numbers are rough estimates and are based of the Maine Economist's Population Projections, and the U.S. Census' Household Size.

	2019	2024	2029	2034	Total Δ in Units (2019- 2034)
East Millinocket	-97	-8	-12	-17	-135
Millinocket	-32	-31	-42	-52	-158
Medway	-5	-6	-9	-12	-32
Penobscot County	880	611	263	-103	1,651
Maine	1,943	-872	-3,795	-6,886	-9,910

Housing Affordability

Median Home Price (2013)	East Millinocket	Millinocket	Medway	Penobscot County	Maine
Affordable at Median Income	102,659	103,444	99,989*	151,259	165,374
Income Needed for Median Price	8,243	13,492	16,333*	38,167	49,034
Median Sale Price	25,000	40,000	45,499*	129,000	169,900
Price of an Average 2Bdr Rent with Utilities	497.13	614.83	547.13	829.79	n/a
Percentage of Households Unable to Afford Median Home Price	0.09	0.17	n/a	0.44	0.52
Number of Households Unable to Afford Median Home Price	67	366	n/a	27,927	292,965

- Data was provided by the Maine Economist
- Note: Some of Medway's data is older than Millinocket & East Millinocket hence the * in certain categories (above data with * was provided in 2005)

Homeowner Breakdown

Age of Home by Tenure (2015)

Maine's housing stock is one of the oldest in the nation and is reflective of our State's history, the unique blend of cultures, and our independent nature. The largest percentage (24.8%) of the State's housing stock was built prior to 1940, as illustrated in the table below. About 22.8% of Penobscot County's housing dates prior to 1940, as compared to the 25.4% of units for East Millinocket, the 30.9% of units for Millinocket, and the 11.5% of units for Medway. Many of these older units require rehabilitation due to their age. 85.5% of units in East Millinocket, 90.7% of units in Millinocket, and 57.5% of units in Medway were built prior to 1980, compared to the 60.6% of units in Penobscot County and 58.7% of units in the State of Maine. The percentage of newer house stock (built after 1990) for the three towns are 4.1% (East Millinocket), 3.1% (Millinocket), and 12.5% (Medway).

The high percentage of older houses contributes to the necessity for housing rehabilitation. Many houses that were built prior to the 1940s raise health and safety concerns since they are more likely to be in substandard condition due to: overall age, deferred maintenance, insulation needs, and, construction techniques and materials that are outdated. These older homes are more likely to represent a loss in the market, or require extensive rehabilitation before being marketable. Aging homes that lack maintenance impact the overall quality of the housing stock. It is important for the Katahdin Region's homeowners to be aware of programs for housing rehabilitation and for renters to be aware that they have a right to demand a certain level of maintenance from their landlords.

A common method that communities utilize to assist their residents in housing rehabilitation is through grants. In 2003 with the help of Eastern Maine Development Corporation, the three towns completed a regional housing assessment. Though it may be "outdated," the plan will give a historic look to the complexity of the Region's housing market (2003 report available upon request from EMDC).

	East Millinocket	Millinocket	Medway	Penobscot County	Maine
Total	834	1964	504	61,973	553,284
Owner occupied	619	1394	441	41,889	393,995
Built 2005 or later	0	0	0	0	0
Built 2000 to 2004	0	0	0	0	0
Built 1990 to 1999	34	60	57	5,332	54,699
Built 1980 to 1989	48	69	91	6,077	61,317
Built 1970 to 1979	97	227	110	6,680	57,682
Built 1960 to 1969	76	135	14	3,054	27,348
Built 1950 to 1959	158	294	61	3,631	27,913
Built 1940 to 1949	58	175	21	1,966	17,369
Built 1939 or earlier	148	409	51	9,028	85,530
Renter occupied	215	570	63	20,084	159,289
Built 2005 or later	0	0	0	0	0
Built 2000 to 2004	0	0	0	0	0
Built 1990 to 1999	0	0	6	1,848	13,436
Built 1980 to 1989	39	29	24	2,820	22,854
Built 1970 to 1979	68	97	11	3,470	24,773

Built 1960 to 1969	20	132	12	1,844	11,823
Built 1950 to 1959	5	61	3	1,807	11,675
Built 1940 to 1949	19	53	0	979	8,916
Built 1939 or earlier	64	198	7	5,077	51,902

- Data was provided by the Maine Economist

Homeownership: Families, Non-Families, Individuals

Home ownership is generally a good litmus test for the overall standard of living in the area. One way to trace home ownership changes over time is to compare owners and renters as proportions of total occupied housing. A high rate of owner-occupied housing is typical for Maine. For example, between the years 1980s and 1990, Maine documented 71.6% owner-occupied housing while Penobscot County had a 69.8% owner-occupied housing. The 2010 U.S. Census, owner-occupied housing rose to highs of 73.1% in Maine and 70.5% in Penobscot County. Of note, the Katahdin region has housing that is occupied nine months out of the year (residents traveling South to warmer weather during winter months).

Household Type (2016)	East Millinocket		Millinocket		Medway		Penobscot County		Maine	
	Units	%	Units	%	Units	%	Units	%	Units	%
Owner Occupied:	487	71.6	1,446	70.9	428	89.7	42,271	68.4	393,966	71.5
Family Households	423	72.1	1,036	71.6	311	72.7	30,512	72.2	279,650	71.0
Non- family Households	164	27.9	410	28.4	117	27.3	11,759	27.8	114,316	29.0
Living Alone	113	19.3	326	22.5	104	24.3	9,186	21.7	91,161	23.1
Renter Occupied:	233	28.4	594	29.1	49	10.3	19,516	31.6	157,143	28.5
Family Households	88	37.8	215	36.2	33	67.3	7,754	39.7	65,981	42.0
Non- family Households	145	62.2	379	63.8	16	32.7	11,762	60.3	91,162	58.0
Living Alone	135	57.9	364	61.3	16	32.7	8,505	43.6	70,340	44.8

Household Type (2010)	East Millinocket		Millinocket		Medway		Penobscot County		Maine	
	Units	%	Units	%	Units	%	Units	%	Units	%
Owner Occupied:	694	81.6	1,749	81.2	449	86.3	43,936	70.5	402,907	73.1
Family Households	481	69.3	1,294	74.0	332	73.9	32,380	73.7	291,302	72.3
Non- family Households	213	30.7	455	26.0	117	26.1	11,556	26.3	11,605	27.7
Renter Occupied:	157	18.4	406	18.8	71	13.7	18,346	29.5	148,218	26.9
Family Households	67	42.7	118	29.1	47	66.2	7,100	38.7	62,844	42.4
Non- family Households	90	57.3	288	70.9	24	33.8	11,246	61.3	85,374	57.6

- Data was provided by the U.S. Census Bureau
- Numbers are based off ACS 5 year estimates

Household Size (2015)

	East Millinocket	Millinocket	Medway	Penobscot County	Maine
Average Household Size	2.25	2.23	2.24	2.36	2.34

- Data was provided by the Maine Economist

Vacancy Status (2016)

	East Millinocket	Millinocket	Medway	Penobscot County	Maine
For rent	0	48	12	1,176	10,869
Rented, not occupied	0	48	0	353	2,298
For sale only	15	94	0	770	7,904
Sold, not occupied	0	0	0	109	2,128
For seasonal, recreational, or occasional use	34	199	51	6,689	124,523
For migrant workers	0	0	0	23	261
Other vacant	25	122	57	3,395	28,035

- Data was provided by the U.S. Census Bureau
- Numbers are based off ACS 5 year estimates

Code Enforcement

Each town has a code enforcement officer that issues/ administers the building permit process in conjunction with the local Planning Board. The code enforcement officer enforces State and local regulations and acts as a consultant to the Planning Board, investigates code(s) violation complaints, and assists in building/subdivision site evaluations.

The following building codes & standards have been selected by the towns' for highlighting, and do not complete a full list of the codes and standards each town may have.

*Millinocket***Building Codes & Standards**

The town of Millinocket has highlighted the following applications:

- **Principal Building/Structure** – *Applications are used for a new primary structure regardless of use. It could be a new home or a new commercial garage. Residents locating a new mobile or modular home use this permit application.*
- **Accessory Building/Structure** – *“Accessory structure” means a subordinate structure is located on the lot, the use of which is clearly incidental to and associated with the principal structure (common examples are decks, sheds and garages).*
- **Alteration Permit** – *Alteration permits are required for interior or exterior renovations involving modifications or removal of load bearing walls and/or reconfiguration of existing space.*
- **Plumbing Permit for Residential Property** – *All plumbing requires a permit; this application should be filled out prior to commencing work. Single family owner-occupied residential property work can be done by the homeowner. All other work requires a master plumber.*
- **Site Plan Review for Commercial Property** – *This application is used for large scale projects that require Planning Board approval. Examples would be large retail facilities or a campground.*

To access the full Millinocket Building Code and Permit Applications, please visit www.millinocket.org.

East Millinocket

Building Codes & Standards

- **Industrial & Commercial Lots Available** – Lots are available along Route 157 and within the Katahdin Region Industrial Park.

To access the full East Millinocket Building Code and Permit Applications, please visit www.eastmillinocket.org.

Medway

Building Codes & Standards

- **ANY CODES WORTH HIGHLIGHTING**

General Assistance

Subsidized Housing

Millinocket

Located in the town of Millinocket are the following local community housing:

- **Maine Avenue Manor** – Located at 110 Maine Ave, Maine Avenue Manor is a twenty- two bedroom apartment complex with 20 one-bedroom and 2 two-bedroom apartments. Apartments are specifically available to heads or co-heads that are 62 years or older or are struggling with a disability or handicap. Penobscot County income limits apply.
- **Mountain View Apartments** - Located at 16 Walnut St., Mountain View Apartments is a 17 unit complex. The property is part of the Project-Based Rental Assistance through the Project- Based Section 8 contract with HUD.
- **Stearns Assisted Living** – Located at 80 Maine Ave, Stearns Assisted Living is a twenty bedroom apartment complex with all units being single bedroom. The apartments are specifically available for those that are age 62 years or older. On-site services are provided by Penquis and include numerous programs to ensure that proper care is being given related to the tenant's lifestyle. The complex accepts Section 8 Housing Choice Vouchers (HCV) and is part of the Low Income Housing Tax Credit (LIHTC) program.
- **Terre Haute Apartments** - Located at 2 Fern St., Terre Haute Apartments is specifically available for those that are 62 years or older or are disabled. There are 40 units and a tenant pays 30% of their adjusted income.
- **Crestview Apartments** - Located at 1 Crestview Circle. Similar to Terre Haute: 40 units, 62 years of age or older, any age if you are disabled, and tenant pays 30% of their adjusted income.

East Millinocket

Located in the town of East Millinocket are the following local community housing:

- **Oak Park Manor** – Located at 2 Oak St., Oak Park Manor is a forty- four unit apartment complex with 32 one-bedroom and 12 two-bedroom apartments. Apartments are specifically available for those that are elderly (62 years or older), or those struggling with a disability or handicap.

regardless of their age. Subsidies are available for a designated 40 apartments. Penobscot County income limits apply.

- Silverwood Court – This is a privately owned, low-income subsidized, multi-family apartment housing for families to rent.

Sweet Seniors Home – Sweet Senior’s Guest House is an assisted living facility located in East Millinocket, ME 04430. Assisted living facilities provide care to people who require assistance with activities of daily living. This care setting provides an intermediate level of care for residents who cannot safely live independently, but do not yet need around-the-clock skilled nursing services like those provided in a nursing home.

Medway

Located in the town of Medway are the following local community housing: **(DETAILS NEEDED)**

- Hafford’s Apartments -
- Old Farm Trailer Park -
- Lennie’s Superette Apartments -
- Stanley’s Apartments -
- Hale’s Apartments -

Maine State Housing Authority (MSHA)

Direct from the Maine State Housing Authority’s website: www.mainehousing.org

“MaineHousing is an independent state agency that bridges public and private housing finance, combining them to benefit Maine’s low and moderate-income people. MaineHousing brings millions of new private and federal housing funds to invest in Maine to create safe, affordable, warm housing. The mission of MaineHousing is to assist Maine people in obtaining and maintaining quality affordable housing and services suitable to their housing needs. It is the vision of MaineHousing that all Maine people have the opportunity to live in quality affordable housing.”

Income-eligible residents in the Katahdin region are encouraged to work with MSHA, and town staff can provide technical assistance as needed to navigate the agency.

Strategies & Policies

In order to meet the future needs of those living in the Katahdin Region, the following policies and implementation strategies have been developed:

Millinocket

1. **Policy:** The town continues to recognize the importance, and will develop strategies to increase the availability, of safe, decent, and affordable housing for residents.
Strategies: The town will appoint a Housing Committee whose mission will be to evaluate housing alternatives and create a housing urbanization plan. In addition, the town will continue working with Northern Forest Center who is investing \$1 million to purchase and renovate existing houses and apartment buildings with the intent to create high-level rental units. These structures will be in close proximity to the downtown area, re-commercialized mill site, and hospital.
Time Frame: Immediate.
Responsible Agent(s): Housing Committee, Planning Board, Town Manager, and /or Town Council.
2. **Policy:** The town will continue to enforce and implement applicable laws, codes, guidelines, and ordinances.
Strategies: The Code Enforcement Officer and the Plumbing Inspector will enforce and implement the Maine State Subdivision Law, the Maine State Plumbing Code, the National Electrical Code, Shoreland Zoning Ordinance, and duly approved municipal ordinances.
Time Frame: Immediate
Responsible Agent(s): Town Manager, Code Enforcement Officer, Plumbing Inspector, and Planning Board.
3. **Policy:** The town will develop strategies to address waiting lists for safe and affordable residences.
Strategies: Charge the newly created Housing Committee with the task of identify solutions to reduce current waiting lists for residences for ownership or rental.
Time Frame: Immediate
Responsible Agents(s): The Housing Committee, Planning Board, local housing agencies such as Penquis, Town Manager, and/or Town Council.

East Millinocket

1. **Policy:** The Town will work towards development of a process to focus on housing needs and improvements to assist in achieving the goal of increased values.
Strategies: To evaluate the housing and develop a plan of renovation, demolition, and redevelopment for housing that will serve the needs of the citizens.
Time Frame: 2019 and ongoing
Responsible Agent(s): Administrative Assistant, Board of Selectmen, Code Enforcement, Planning Board and Potential Housing Committee

Medway

1. **Policy:** *state policy here*
Strategies: *state strategies here*
Time Frame: *state length here*
Responsible Agent(s): *list all that are responsible for implementation*

2. **Policy:** *state policy here*
Strategies: *state strategies here*
Time Frame: *state length here*
Responsible Agent(s): *list all that are responsible for implementation*

*State of Maine***Policies:***Minimum policies required to address state goals:*

1. To encourage and promote adequate workforce housing to support the community's and region's economic development.
2. To ensure that land use controls encourage the development of quality affordable housing, including rental housing.
3. To encourage and support the efforts of the regional housing coalitions in addressing affordable and workforce housing needs.

Strategies:*Minimum strategies to meet state goals:*

1. Maintain, enact or amend growth area land use regulations to increase density, decrease lot size, setbacks and road widths, or provide incentives such as density bonuses, to encourage the development of affordable/workforce housing.
2. Maintain, enact or amend ordinances to allow the addition of at least one accessory apartment per dwelling unit in growth areas, subject to site suitability.
3. Create or continue to support a community affordable/ workforce housing committee and/or regional affordable housing coalition.
4. Designate a location(s) in growth areas where mobile home parks are allowed pursuant to 30-A M.R.S.A §4358(3)(M) and where manufactured housing is allowed pursuant to 30-A M.R.S.A. §4358(2).
5. Support the efforts of local and regional housing coalitions in addressing affordable and workforce housing needs.
6. Seek to achieve a level of at least 20% of new residential development built or placed during the next decade be affordable.

Time Frame: Ongoing

Responsible Agent(s): Maine Housing Authority, East Millinocket, Millinocket, Medway

Chapter Thirteen

Transportation

Goals/ Vision

State Goal

To plan for, finance and develop an efficient system of public facilities and services to accommodate anticipated growth and economic development.

Local Goal

Millinocket

To provide transportation infrastructure and services in a cost-effective and efficient manner, making the best use of available resources. To assure that improvements to existing infrastructure support economic development strategies, and business retention and growth. To support planning for maximum use of recreational trails and paths.

East Millinocket

To focus on State efforts for road improvement and to be an active participant in pre-planning stages to ensure local input is considered. To assist in needs of the owners of QMQ Railways as they plan their future needs. To evaluate local roads and to develop a 10 year plan of action for continued improvement to road surfaces and to consider infrastructure beneath the roadways. To support multi-use trails along side road redevelopments/ reconstructions that will encourage full 4-season tourist opportunities. To work with State and Federal Departments to design additional allowances for ATV-Snowmobile use; an area of focus is the Dolby Flowage between East Millinocket & Millinocket.

Medway

To provide and support multi-use trails alongside Medway Streets and roads to allow access points for snowmobiles, ATV's, bicycles, etc. To work with Maine DOT to promote and design additional paths and trails for ATV, bicycle, and snowmobile access along Routes 157 and 11.

Introduction

Communities depend on well-maintained road systems. Safe and efficient streets affect property values, the productivity of the downtown area, tourist activity, and the overall safety and convenience of Katahdin's residents. Only through the use of adequate roadways, parking and traffic control can a community be assured by economically efficient and safe traffic circulation patterns. The goal of this chapter is to describe efforts to analyze, plan, finance, and develop efficient transportation services and facilities that will accommodate Medway, East Millinocket, and Millinocket's future needs.

Classification of Infrastructure

Roads

Direct from the Maine Department of Transportation:

The State Highway System determines maintenance responsibility. The State Highway System is grouped into three categories:

- ***State Highways (STHW)** form a system of connected routes throughout the state that primarily serve intra- and interstate traffic. With the exception of compact areas, the MaineDOT has responsibility for the year-round maintenance of state highways. The State Highway category generally corresponds with the federal 'arterial' classification.*
- ***State Aid Highways (STAI)** connect local roads to the State Highway System and generally serve intra-county rather than intrastate traffic movement. With the exception of compact areas, state aid roads are usually maintained by MaineDOT in the summer and by the municipalities in the winter pursuant to State Law 23 MRSA 1003. The State Aid Highway category generally corresponds with the federal 'collector' classification.*
- ***Townways (TNWY)** are all other highways not included in the State Highway or State Aid Highway classifications that are maintained by municipalities or counties. These roads are classified as federal 'local' roads.*

The communities of East Millinocket, Millinocket, and Medway are made up of a total of 93.59 miles of roads. Of those miles, the three towns have 24.67 miles of State Highway, 14.66 miles of State Aid Highway, and 58.68 miles of Townways/ Seasonal routes. Below is an inventory of those miles, provided by the Maine Department of Transportation.

Breaking down these totals by community, Millinocket has a total of 40.03 miles in which 6.06 miles are State Highway, 4.59 miles are State Aid Highway, and the remaining 29.38 miles are Townways. In East Millinocket there is a total of 17.41 miles in which 4.0 miles are State Highway, 0.43 miles are State Aid Highway, and the remaining 12.98 miles are Townways. In Finally, Medway has .07 miles of private roads, 14.61 miles of state highway, 9.64 miles of State Aid Highway, and 16.32 miles of Townways.

Inventory of Roads

Millinocket Road Inventory

The tables below are the State of Maine's Department of Transportation's road inventory. The Town of Millinocket has provided the town's road conditions. A majority of the town's roads are either in good or fair condition, with 50% of them being deemed "GOOD" and 39% of them being deemed "FAIR" (2% are deemed GOOD/FAIR). This leaves roughly 9% of the roads in "POOR" to "POOR/ FAIR" conditions; an estimated 3.65 miles of roadways.

The Town of East Millinocket has provided their town's road conditions. Nearly half of East Millinocket's roads are deemed in "GOOD" condition, while 28% of them are deemed "FAIR" and 24% of them are deemed "POOR." There are roughly 3.92 miles of road in the "POOR" condition category.

The Town of Medway has also provided a summary of the road conditions.

Jurisdiction	Street Name	Description	Condition	Total Miles
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STHW	POPLAR ST CENTRAL ST	TL Millinocket T3 Indian Purchase Twp. Non Int POPLAR ST Int of CENTRAL ST KATAHDIN AV SCHOOL ST TL Millinocket TA R7 WELS	FAIR	5.75
STHW	POPLAR ST PENOBSCOT AV	Int of KATAHDIN AV POPLAR ST Int of PENOBSCOT AV POPLAR ST Int of PENOBSCOT AV POPLAR ST Int of CENTRAL ST PENOBSCOT AV	FAIR	0.31
STAI	POPLAR ST KATAHDIN AV	Non Int POPLAR ST Int of KATAHDIN AV POPLAR ST Int of KATAHDIN AV POPLAR ST Int of CENTRAL ST KATAHDIN AV SCHOOL ST	GOOD	0.87
STAI	AROOSTOOK AV AROOSTOOK AV 2	Int of AROOSTOOK AV BIRCH ST Int of AROOSTOOK AV AROOSTOOK AV 2 SUMMER Int of AROOSTOOK AV AROOSTOOK AV 2 SUMMER Int of AROOSTOOK AV 2 CENTRAL ST	GOOD	0.29
STAI	BATES ST	Int of BATES ST KATAHDIN AV TL Millinocket T3 Indian Purchase Twp.	GOOD	0.83
STAI	BIRCH ST	Int of BIRCH ST PENOBSCOT AV Int of AROOSTOOK AV BIRCH ST	FAIR	0.05
STAI	CHERRY ST	Int of CHERRY ST, CONGRESS ST, GRANITE ST Int of CHERRY ST KATAHDIN AV	GOOD	0.10
STAI	GRANITE ST	Int of CHERRY ST, CONGRESS ST, GRANITE ST Int of GRANITE ST, MEDWAY RD	GOOD	0.39
STAI	KATAHDIN AV	Int of BATES ST KATAHDIN AV Int of CENTRAL ST KATAHDIN AV SCHOOL ST	GOOD	0.19
STAI	MEDWAY RD	Non-Int MEDWAY RD Int of CENTRAL ST MEDWAY RD	GOOD	0.86
STAI	WASSAU ST	Int of MEDWAY RD WASSAU ST Int of SYCAMORE ST WASSAU ST	GOOD	0.54
STAI	KATAHDIN AV	Int of KATAHDIN AV POPLAR ST Int of CHERRY ST KATAHDIN AV	FAIR	0.23
STAI	PENOBSCOT AV	Int of ELM ST, KATAHDIN AV, PENOBSCOT AV Int of PENOBSCOT AV POPLAR ST	FAIR	0.11
STAI	SYCAMORE ST	Int of SYCAMORE ST WASSAU ST Int of CENTRAL ST RHODE ISLAND SYCAMORE ST	GOOD	0.13
TNWX	1900877 NO NAME AVAILABLE	1902544 MILL RD 877, MEDWAY RD Non Int NO NAME AVAILABLE	FAIR	0.17
TNWX	1901677 NO NAME AVAILABLE	Int of MEDWAY RD, NO NAME AVAILABLE Non Int NO NAME AVAILABLE	FAIR	0.1
TNWX	TREAT PLNT RD#1	1908027 MILL, TR PLT RD #1, RICE FARM RD 1908030 MILL, TR PLT RD #1, PW AHD	FAIR	0.28
TNWX	TREAT PLNT RD#2	1908032 MILL, TR PLT RD #2, PW AHD 1908031 MILL, TR PLT RD #2, ENDSELF	FAIR	0.19
TNWX	MEDWAY RD	Int of MEDWAY RD, NO NAME AVAILABLE Int of CENTRAL ST MEDWAY RD	GOOD	3.98
TNWX	AROOSTOOK AV	Int of AROOSTOOK AV Int of AROOSTOOK AV SPRING ST PENOBSCOT AV	FAIR	0.36
TNWX	AROOSTOOK AV	End of AROOSTOOK AV Int of AROOSTOOK AV BIRCH ST	GOOD	0.19
TNWX	ASH ST	Int of ASH ST CENTRAL ST FORREST AV End of ASH ST	FAIR	0.1
TNWX	BATES ST	1909652 MILL, BATES ST, HIGHLAND AVE Int of BATES ST KATAHDIN AV	FAIR	0.12
TNWX	BEECH ST	Int of BEECH ST KATAHDIN AV 1908540 MILL, BEECH ST, END	GRAVEL	0.05
TNWX	BIRCH ST	Int of AROOSTOOK AV BIRCH ST 1909590 MILL, CONGRESS ST, BIRCH ST	GOOD	0.05
TNWX	BOWDOIN ST	1909659 MILL, BOWDOIN ST, PENOBSCOT AVE 1909567 MILL, BOWDOIN ST, END	GOOD	0.5
TNWX	SHORT ST 2	1908004 MILL, HEMLOCK ST, SHORT ST #2 1908005 MILL, YORK ST, SHORT ST #2	FAIR	0.08
TNWX	COLBY ST	1909573 MILL, COLBY ST, SCHOOL ST 1909649 MILL, COLBY ST, HIGHLAND AVE	FAIR	0.17

TNWX	COLONY PL	Int of COLONY PL FOREST AV Int of COLONY PL ORCHARD ST	FAIR/ POOR	0.17
TNWX	CONGRESS ST	1909601 MILL, CONGRESS ST, END 1909648 MILL, CONGRESS ST, END	GOOD	0.63
TNWX	CONNECTICUT AV	1906338 MILL, NEW JERSEY, CONNECTICUT 1906360 MILL, CONNECTICUT AVE, CANYON DR	FAIR/ POOR	0.4
TNWX	COTTAGE RD	1906308 MILL, FIELD ST, COTTAGE RD 1906337 MILL, COTTAGE RD, END	GOOD	0.5
TNWX	CRESTMONT AV	Int of CRESTMONT AV FORREST AV 1909642 MILL, CRESTMONT AVE, END	GOOD	0.09
TNWX	DELAWARE PLACE	1906320 MILL, OHIO ST, DELAWARE PL 1906322 MILL, COTTAGE RD, DELAWARE PL	FAIR	0.05
TNWX	EAST AV	Int of EAST AV, MEDWAY RD 1909611 MILL, EAST AVE, END	GOOD	0.12
TNWX	EASTLAND AV	Int of CENTRAL ST EASTLAND AV Int of EASTLAND AV GRANITE ST	GOOD	0.25
TNWX	EAST TERR	1909656 MILL, HIGHLAND AVE, EAST TERR 1909662 MILL, EAST TERR, NORTH TERR	FAIR	0.2
TNWX	ELM ST	Int of ELM ST, KATAHDIN AV, PENOBSCOT AV 1909584 MILL, ELM ST, END	POOR	0.33
TNWX	FIELD ST	1906307 MILL, FIELD ST, ORCHARD ST 1906310 MILL, FIELD ST, END	FAIR	0.2
TNWX	FORREST AV FOREST AV	Int of ASH ST CENTRAL ST FORREST AV 1909640 MILL, HILLCREST AVE, FOREST AVE 1909640 MILL, HILLCREST AVE, FOREST AVE 1906323 MILL, FOREST AVE, COTTAGE RD	GOOD	0.54
TNWX	GARDEN ST	Int of GARDEN ST, MEDWAY RD 1909626 MILL, GARDEN ST, END	FAIR	0.08
TNWX	GROVE ST	1906325 MILL, GROVE ST, WESTWOOD AVE #2 1906318 MILL, GROVE ST, END	POOR	0.1
TNWX	HEMLOCK ST	1909609 MILL, PROSPECT ST, HEMLOCK ST 1909608 MILL, YORK ST, HEMLOCK ST	FAIR	0.09
TNWX	HIGHLAND AV	1909632 MILL, HIGHLAND AVE, SPRUCE ST 1909663 MILL, HIGHLAND AVE, END	FAIR	0.7
TNWX	HIGH ST	1909615 MILL, HIGH ST, SOUTH ST Int of HIGH ST MEDWAY RD	FAIR	0.07
TNWX	HILLCREST AV	1906361 MILL, HILLCREST AVE, END 1909639 MILL, HILLCREST AVE, END	FAIR	0.12
TNWX	HILL ST	1909633 MILL, HILL ST, HIGHLAND AVE Int of HILL ST KATAHDIN AV	GOOD	0.09
TNWX	KATAHDIN AV	Int of KATAHDIN AV KATAHDIN AV EXT Int of BATES ST KATAHDIN AV	GOOD	0.33
TNWX	KNOX ST	1909595 MILL, OAK ST, KNOX ST 1909581 MILL, KNOX ST, END	POOR	0.48
TNWX	LINCOLN ST	1909596 MILL, OAK ST, LINCOLN ST 1909579 MILL, LINCOLN ST, END	POOR	0.47
TNWX	MAINE AV	1909569 MILL, MAINE AVE, END 1909634 MILL, HILL ST, MAINE AVE	FAIR	0.63
TNWX	MAPLE ST	1909620 MILL, MAPLE ST, END 1909625 MILL, MAPLE ST, END	FAIR	0.12
TNWX	MASSACHUSETTS	Int of CENTRAL ST MASSACHUSETTS 1906350 MILL, N HAMPSHIRE, MASSACHUSETTE	GOOD	0.83
TNWX	MEDWAY RD	Int of MEDWAY RD, NO NAME AVAILABLE Non-Int MEDWAY RD	N/A	0.1
TNWX	MICHIGAN ST	1906331 MILL, MICHIGAN ST, COTTAGE RD 1906353 MILL, GRAND AVE, MICHIGAN ST	FAIR/ POOR	0.32
TNWX	MIDDLE ST	1906312 MILL, PLEASANT ST, MIDDLE ST 1906319 MILL, COTTAGE RD, MIDDLE ST	FAIR	0.11
TNWX	NEWHAMPSHIRE ST	1906336 MILL, COTTAGE RD, NEW HAMPSHIRE 1906354 MILL, GRAND AVE, NEW HAMPSHIRE	FAIR/ POOR	0.27
TNWX	NEW JERSEY ST	1906321 MILL, NEW JERSEY, OHIO ST End of NEW JERSEY ST	GOOD	0.82
TNWX	NEW YORK ST	1906330 MILL, COTTAGE RD, NEW YORK ST 1906347 MILL, MASSACHUSETTS, NEW YORK	FAIR	0.31
TNWX	NORTH TERR	1909661 MILL, NORTH TERR, HIGHLAND AVE 1909662 MILL, EAST TERR, NORTH TERR	FAIR	0.09

TNWX	OAK ST	1909594 MILL,OAK ST,SOMERSET ST 1909597 MILL,OAK ST,OXFORD ST	FAIR/POOR	0.18
TNWX	OHIO ST	1906309 MILL,FIELD ST,OHIO ST 1906346 MILL,MASSACHUSETTS,OHIO	FAIR	0.51
TNWX	ORCHARD ST	1906314 MILL,FOREST AVE,ORCHARD ST Int of CENTRAL ST ORCHARD ST	GOOD	0.13
TNWX	OXFORD ST	1909597 MILL,OAK ST,OXFORD ST 1909586 MILL,SPRUCE ST,OXFORD ST	FAIR/POOR	0.37
TNWX	PENOBSCOT AV	Int of CENTRAL ST PENOBSCOT AV Int of KATAHDIN AV PENOBSCOT AV	GOOD/FAIR	0.68
TNWX	PINE ST	1905254 MILL,CONGRESS ST,PINE ST Int of KATAHDIN AV PINE ST	FAIR	0.17
TNWX	PLEASANT ST	1906311 MILL,PLEASANT ST,COTTAGE RD 1906313 MILL,PLEASANT ST,ORCHARD ST	GOOD	0.11
TNWX	PROSPECT ST	1909603 MILL,YORK ST,PROSPECT ST Int of GRANITE ST PROSPECT ST	GOOD	0.41
TNWX	RHODE ISLAND	Int of CENTRAL ST RHODE ISLAND SYCAMORE ST 1906335 MILL,COTTAGE RD,RHODE ISLAND	GOOD	0.51
TNWX	RIVER ST	1909628 MILL,RIVER ST,END Int of ASH ST RIVER ST	GOOD	0.04
TNWX	SCHOOL ST	Int of CENTRAL ST KATAHDIN AV 1909572 MILL,SCHOOL ST,END	FAIR	0.2
TNWX	SECOND ST	Int of SECOND ST STATE ST 1909654 MILL,SECOND ST,PENOBSCOT AVE	FAIR	0.14
TNWX	SHORT ST 1	1909605 MILL,YORK ST,SHORT ST #1 1909606 MILL,PROSPECT ST,SHORT ST #1	FAIR	0.02
TNWX	SOMERSET ST	1909594 MILL,OAK ST,SOMERSET ST 1906367 MILL,SPRUCE ST,SOMERSET ST	FAIR	0.38
TNWX	SOUTH ST	1909612 MILL,EAST AVE,SOUTH ST 1909615 MILL,HIGH ST,SOUTH ST	FAIR	0.06
TNWX	SPRING ST	1909638 MILL,SPRING ST,PENOBSCOT AVE 1909643 MILL,WATER ST,SPRING ST	FAIR/POOR	0.19
TNWX	SPRUCE ST	Int of AROOSTOOK AV SPRUCE ST 1907808 MILL,SPRUCE ST,END	GOOD	0.41
TNWX	STATE ST	End of STATE ST 1909630 MILL,STATE ST,END	GOOD	0.57
TNWX	SUMMER ST	1909631 MILL,STATE ST,SUMMER ST Int of PENOBSCOT AV SUMMER ST	GOOD	0.14
TNWX	CIRCLE LN	1909613 MILL,EAST AVE,CIRCLE LA Int of CIRCLE LN MEDWAY RD	GOOD	0.09
TNWX	KATAHDIN AV EXT KATAHDIN AV RIVERSIDE DR IRON BRIDGE RD	Int of KATAHDIN AV KATAHDIN AV EXT Int of KATAHDIN AV KATAHDIN AV EXT Int of KATAHDIN AV RIVER DRIVE PARK RIVERSIDE Int of KATAHDIN AV RIVER DRIVE PARK RIVERSIDE Int of IRON BRIDGE RD RIVER DRIVE PARK RIVERSIDE Int of IRON BRIDGE RD RIVER DRIVE PARK RIVERSIDE Non Int IRON BRIDGE RD	GOOD	0.87
TNWX	UNNAMED 12	1908036 MILL,UNN#12,PW AHD 1909608 MILL,YORK ST,HEMLOCK ST	FAIR	0.17
TNWX	JOURNAL PLACE	1909623 MILL,JOURNAL PL,EASTLAND AVE 1909624 MILL,MAPLE ST,JOURNAL PL	FAIR/POOR	0.04
TNWX	UNNAMED 17	Int of STATE ST UNNAMED 17 1906363 MILL,ATHELETIC PARK RD,END	GRAVEL	0.1
TNWX	IRON BRIDGE RD	Non Int IRON BRIDGE RD Non Int IRON BRIDGE RD	GOOD	0.1
TNWX	KATAHDIN AV EXT	End of KATAHDIN AV EXT Int of KATAHDIN AV KATAHDIN AV EXT	GOOD	0.08
TNWX	KELLY LN	1907804 MILL,RUSH BLVD,KELLY LA 1909564 MILL,KELLY LA,END	POOR	0.08
TNWX	VERMONT ST	1906334 MILL,COTTAGE RD,VERMONT ST 1906349 MILL,MASSACHUSETTS,VERMONT	FAIR	0.2
TNWX	WALDO ST	Int of GRANITE ST, WALDO ST 1909607 MILL,WALDO ST,HEMLOCK ST	FAIR	0.17

TNWX	WASHINGTON ST	1909617 MILL, WASHINGTON ST, END Int of MEDWAY RD WASHINGTON ST	FAIR	0.06
TNWX	WATER ST	Int of CENTRAL ST WATER ST 1909644 MILL, WATER ST, END	FAIR	0.14
TNWX	WESTWOOD AV	Int of FOREST AV WESTWOOD AV End of WESTWOOD AV	FAIR	0.06
TNWX	WINTER ST	Int of WESTWOOD AV WINTER ST 1906317 MILL, GROVE ST, WINTER ST	FAIR	0.14
TNWX	YORK ST	Int of GRANITE ST YORK ST 1908037 MILL, YORK ST, END	GOOD	0.59
TNWX	STATION RD	Int of BATES ST STATION RD End of STATION RD	GOOD	0.27
TNWX	ALPINE AV	1906351 MILL, ALPINE AVE, SUNSET DR 1906359 MILL, ALPINE AVE, END	FAIR	0.08
TNWX	CANYON DR	1906360 MILL, CONNECTICUT AVE, CANYON DR 1906356 MILL, CANYON DR, GRAND AVE	POOR	0.25
TNWX	GRAND AV	1906353 MILL, GRAND AVE, MICHIGAN ST 1906356 MILL, CANYON DR, GRAND AVE	GOOD	0.23
TNWX	SUNSET DR	1906344 MILL, CONNECTICUT AVE, SUNSET DR 1906355 MILL, GRAND AVE, SUNSET DR	GOOD	0.2
TNWX	WESTWOOD AV 2	1906325 MILL, GROVE ST, WESTWOOD AVE #2 1906327 MILL, COTTAGE RD, WESTWOOD AVE #2	FAIR	0.16
TNWX	HERITAGE ST	1906382 MILL, HERITAGE, MASSACHUSETTE 1906384 MILL, HERITAGE, RHODE ISLAND	GOOD	0.24
TNWX	INDEPENDENCE LN	1906385 MILL, INDEPENDENCE, MASSCHUSETTE 1906386 MILL, MINUTEMAN, INDEPENDENCE	GOOD	0.07
TNWX	MINUTEMAN DR	1906383 MILL, HERITAGE ST, MINUTEMAN DR 1906387 MILL, RHODE ISLAND, MINUTEMAN	GOOD	0.35
TNWX	TAMARACK ST	Int of CEDAR ST TAMARACK ST Int of SYCAMORE ST, TAMARACK ST	FAIR	0.25
TNWX	ALDER ST	1906372 MILL, CEDAR ST, ALDER ST 1906375 MILL, TAMARACK ST, ALDER ST	GOOD	0.14
TNWX	WALNUT ST	Int of WALNUT ST, WASSAU ST 1906370 MILL, WALNUT ST, END	GOOD	0.06
TNWX	JUNIPER ST	1907799 MILL, JUNIPER, CHESTNUT ST 1907802 MILL, JUNIPER ST, ALDER ST #2	GOOD	0.05
TNWX	MORGAN LN	1907807 MILL, RUSH BLVD, MORGAN LA 1907805 MILL, MORGAN LA, RUSH BLVD	FAIR	0.19
TNWX	RUSH BLVD	Int of BATES ST, RUSH BLVD 1907807 MILL, RUSH BLVD, MORGAN LA	FAIR	0.4
TNWX	ALDER ST 2	1907803 MILL, CEDAR ST, ALDER ST #2 1907801 MILL, ALDER ST #2, END	GOOD	0.06
TNWX	CHESTNUT ST	1907798 MILL, CEDAR, CHESTNUT ST 1907800 MILL, CHESTNUT ST, END	GOOD	0.06
TNWX	MORGAN LN	1907807 MILL, RUSH BLVD, MORGAN LA 1908041 MILL, MORGAN LA, 34 W/O RUSH	FAIR	0.39
TNWX	MORGAN LN	1908041 MILL, MORGAN LA, 34 W/O RUSH 1907807 MILL, RUSH BLVD, MORGAN LA	FAIR	0.34
TNWX	FERN ST	Int of FERN ST RHODE ISLAND Loop of FERN ST	GOOD	0.25
TNWX	CRESTVIEW CIR	Int of CRESTVIEW CIR WASSAU ST Loop of CRESTVIEW CIR	GOOD	0.2
TNWX	RIVER DRIVE PARK	Int of KATAHDIN AV RIVER DRIVE PARK RIVERSIDE Int of IRON BRIDGE RD RIVER DRIVE PARK RIVERSI	GOOD	0.12
TNWX	OLD SCHOOL ST	Int of BATES ST OLD SCHOOL ST Int of BATES ST, OLD SCHOOL ST	FAIR	0.05
TNWX	KATAHDIN AV	Int of CHERRY ST KATAHDIN AV 1909598 MILL, KATAHDIN AVE, END	GOOD	0.04
TNWX	CEDAR ST	Int of CEDAR ST, CENTRAL ST 1906373 MILL, TAMARACK ST, CEDAR ST	GOOD	0.62
TNWX	BALSAM DR	1906377 MILL, BALSAM DR, CEDAR ST Int of BALSAM DR SYCAMORE ST	FAIR	0.25

East Millinocket Road Inventory

Jurisdiction	Street Name	Description	Condition	Total Miles
STHW	MAIN ST	TL - East Millinocket, TA R7 WELS TL East Millinocket Medway	GOOD	4.00
STAI	GRINDSTONE RD	TL East Millinocket Medway TL - East Millinocket, Grindstone Twp0.43	FAIR	0.43
TNWX	SPRUCE ST	Int of MAIN ST SPRUCE ST 1903101 E.MIL,SPRUCE,NORTH ST.	GOOD	0.44
TNWX	EASTERN AV	1903053 E.MIL,EASTERN AVE,MAIN ST. 1903105 E.MIL,GROVE ST,EASTERN AVE.	FAIR	0.28
TNWX	ELM ST	Int of ELM ST, MAIN ST 1903118 E.MIL,ELM ST,END	GOOD	0.52
TNWX	MAPLE ST	Int of MAIN ST MAPLE ST OLD MAIN ST 1903097 E.MIL,MAPLE,NORTH ST.	GOOD	0.45
TNWX	BEECH ST	Int of BEECH ST CHURCH ST 1903095 E.MIL,BEECH,NORTH ST.	FAIR	0.31
TNWX	BIRCH ST INV 1901666 RD BIRCH ST	Int of BIRCH ST MAIN ST Int of BIRCH ST, FIRE LN, INV 1901666 RD Int of BIRCH ST, FIRE LN, INV 1901666 RD Int of BIRCH ST INV 1901666 RD PARK ST Int of BIRCH ST INV 1901666 RD PARK ST Int of BIRCH ST NORTH ST	GOOD	0.45
TNWX	CEDAR ST	Int of CEDAR ST MAIN ST 1903114 E.MIL,CEDAR ST,END	N/A	0.52
TNWX	WESTERN AV	Int of MAIN ST WESTERN AV 1907981 E.MIL,NORTH ST, WESTERN AVE.	GOOD	0.47
TNWX	CONE ST	Int of CONE ST MAIN ST 1903314 E.MIL,CHURCH,CONE ST.	FAIR	0.14
TNWX	COUNTY ST	1907876 E.MIL,COUNTY ST,INDEPENDENCE 1903078 E.MIL,COUNTY,SPRING ST.	POOR	0.74
TNWX	PINE ST	1903059 E.MIL,PARK,PINE ST. 1903099 E.MIL,PINE,NORTH ST	FAIR	0.38
TNWX	FOREST AV PARK ST	1908254 E.MIL,FOREST AVE,CH INV RD NO 1903052 E.MIL,PARK,OAK,FOREST AVE 1903052 E.MIL,PARK,OAK,FOREST AVE 1903067 E.MIL,CONE,PARK ST	POOR	0.77
TNWX	TRANSFER STATION ST CHURCH ST	End of TRANSFER STATION ST Int of CHURCH ST HEMLOCK ST TRANSFER STATION Int of CHURCH ST HEMLOCK ST TRANSFER STATION 1903075 E.MIL,ELM,CHURCH ST.	POOR	1.02
TNWX	NORTH ST	1907880 E.MIL,NORTH ST,END 1903109 E.MIL,NORTH,SPRING ST.	GOOD	0.76
TNWX	HIGH ST	1907877 E.MIL, HIGH ST, INDEPENDENCE LA. 1903107 E.MIL,SPRING,HIGH ST.	POOR	0.74
TNWX	PALM ST	1903108 E.MIL,SPRING,PALM ST. 1903110 E.MIL,ELM,PALM ST.	FAIR	0.19
TNWX	GROVE ST FOREST AV	1903104 E.MIL,GROVE,ELM ST. 1903106 E.MIL,GROVE,SPRING,FOREST AVE 1903106 E.MIL,GROVE,SPRING,FOREST AVE 1908254 E.MIL,FOREST AVE,CH INV RD NO	POOR/ EXCELLENT	0.46
TNWX	MAIN ST	Int of MAIN ST, SPRUCE ST Int of MAIN ST OAK PARK MNR, OAK STREET	GOOD	0.28
TNWX	UNION ST	1903054 E.MIL,UNION,PARK ST. 1903079 E.MIL,COUNTY,UNION ST.	POOR	0.14
TNWX	SHORT ST	1903055 E.MIL,SHORT,UNION ST. 1903077 E.MIL,SPRING,SHORT ST.	FAIR	0.05
TNWX	SPRING ST	1903076 E.MIL,PARK,SPRING ST. 1903117 E.MIL,ORCHARD,SPRING ST	FAIR	0.41
TNWX	HATHAWAY RD	1902555 E.MIL,ORCHARD ST,HATHAWAY RD 1903045 TL,MEDWAY-EAST MILLINOCKET	GOOD	0.22
TNWX	OAK ST	Int of MAIN ST OAK ST 1903052 E.MIL,PARK,OAK,FOREST AVE	POOR	0.16
TNWX	SCHOOL ST	1903112 E.MIL,NORTH,SCHOOL ST. 1907893 E.MIL,SCHOOL ST,END	FAIR	0.09
TNWX	ORCHARD ST	1903117 E.MIL,ORCHARD,SPRING ST. 1903115 E.MIL,SCHOOL,ORCHARD ST.	FAIR	0.28
TNWX	FIRE LN	FIRE LN, INV 1901666 RD	GRAVEL	0.11
TNWX	MIDDLE ST	1903049 E.MIL,MIDDLE ST,END 1903051 E.MIL,OAK,MIDDLE ST	FAIR	0.08

TNWX	INDUSTRIAL DR	Int of INDUSTRIAL DR MAIN ST 1910011 E.MIL, INDUSTRIAL, WOODLAND DR	FAIR	0.24
TNWX	CLARIFIER RD	Int of CLARIFIER RD MAIN ST 1908257 E.MIL, CLARIFIER RD, END	FAIR	0.42
TNWX	CHRIS TIRA PK HEMLOCK ST	1908258 E.MIL, CHURCH ST, CHRIS TIRA PK Int of CHRIS TIRA PK HEMLOCK ST Int of CHRIS TIRA PK HEMLOCK ST Int of CHURCH ST HEMLOCK ST TRANSFER STATION	POOR	0.35
TNWX	INDEPENDENCE LN	1907875 E.MIL, CHURCH ST, INDEPENDENCE 1907879 E.MIL, INDEPENDENCE LA, END	GOOD	0.32
TNWX	INDUSTRIAL DR WOODLAND DR	Int of INDUSTRIAL DR, MAIN ST 1910011 E.MIL, INDUSTRIAL, WOODLAND DR 1910011 E.MIL, INDUSTRIAL, WOODLAND DR 1903233 E.MIL, WOODLAND DR, END	FAIR	0.63
TNWX	DIRIGO DR	Int of DIRIGO DR, INDUSTRIAL DR Loop of DIRIGO DR	FAIR	0.24
TNWX	OAK PARK MNR	Int of MAIN ST OAK PARK MNR Int of OAK PARK MNR OAK ST	FAIR	0.25
TNWX	BEECH ST	Int of BEECH ST PARK ST Int of BEECH ST MAIN ST	FAIR	0.07

Medway Road Inventory

Jurisdiction	Street Name	Description	Condition	Total Miles
PRIV	POWERSVILLE RD	Int of POWERSVILLE RD RUDGE RD End of POWERSVILLE RD		0.07
STHW	MEDWAY RD	TL East Millinocket Medway Int of GRINDSTONE RD, MAIN RD, MEDWAY RD		1.55
STHW	195	TL Medway T2 R9 NWP TL Medway T1 R6 WELS		7.29
STHW	MEDWAY RD	TL Medway Molunkus Twp Int of GRINDSTONE RD, MAIN RD, MEDWAY RD		5.77
STAI	GRINDSTONE RD	Int of GRINDSTONE RD, MAIN RD, MEDWAY RD TL East Millinocket Medway		3.95
STAI	PATTAGUMPUS RD	TL Medway Woodville Int of MEDWAY RD PATTAGUMPUS RD		5.69
TNWX	TURNPIKE RD	Int of PATTAGUMPUS RD TURNPIKE RD TL Medway Woodville		2.24
TNWX	POWERSVILLE RD	Int of PATTAGUMPUS RD POWERSVILLE RD End of POWERSVILLE RD		0.94
TNWX	JONES RD	Int of JONES RD PATTAGUMPUS RD End of JONES RD		1.07
TNWX	POWER HOUSE RD	Int of PATTAGUMPUS RD POWER HOUSE RD 1908272 MED, POWER HOUSE RD, END		0.11
TNWX	CHURCH RD	Int of CHURCH RD, MAIN RD Int of CHURCH RD, MAIN RD		0.37
TNWX	RIVER RD	Int of MAIN RD, RIVER RD Int of MAIN RD, RIVER RD		0.31
TNWX	CLUBHOUSE RD	Loop of CLUBHOUSE RD Int of CLUBHOUSE RD HATHAWAY RD		0.36
TNWX	RUDGE RD	Int of POWERSVILLE RD RUDGE RD End of RUDGE RD		.21
TNWX	STANLEY RD CORNEL RD	1902568 MED, STANLEY, END Int of CORNEL RD, STANLEY RD, TURNPIKE RD Int of CORNEL RD, STANLEY RD, TURNPIKE RD 1902564 MED, CORNEL RD, END		1.37
TNWX	TRESEL RD	1902577 MED, TRESEL RD, PW AHEAD Int of MEDWAY RD, TRESEL RD		0.13
TNWX	OLD FARM RD	Int of OLD FARM RD PATTAGUMPUS RD End of OLD FARM RD		0.34
TNWX	MAIN RD	Int of GRINDSTONE RD, MAIN RD, MEDWAY RD Int of MAIN RD, MEDWAY RD		1.22
TNWX	TOWN RD	End of TOWN RD Int of MEDWAY RD TOWN RD		0.47
TNWX	TYLER ST	Int of MEDWAY RD TYLER ST 1902573 MED, TYLER ST, END		0.25
TNWX	WILDERNESS RD	Int of MEDWAY RD, WILDERNESS RD 1907750 MED, LEDGE FALLS, WILDERNESS RD		1.15

TNWX	DIKEY MOORE RD	End of DIKEY MOORE RD Int of DIKEY MOORE RD MEDWAY RD	0.84
TNWX	SCHOOL ST	Int of SCHOOL ST, VILLAGE LN Int of CHURCH RD, SCHOOL ST	0.13
TNWX	HATHAWAY RD	1903045 TL, MEDWAY – EAST MILLINOCKET Int of CLUBHOUSE RD HATHAWAY RD	0.77
TNWX	VILLAGE LN	Int of TOWN RD, VILLAGE LN Int of TOWN RD, VILLAGE LN	0.14
TNWX	HORSESHOE RD	Int of HORSESHOE RD, MEDWAY RD Int of HORSESHOE RD, MEDWAY RD	0.23
TNWX	TYLER ST EXT	1902571 MED, TYLER ST EXT, END 1902572 MED, TYLER ST, CHANGE INV RD#	0.06
TNWX	FISKE ST	Int of FISKE ST, TOWN RD Int of CHURCH RD, FISKE ST	0.16
TNWX	DAY RD	1902559 MED, DAY RD, END Int of DAY RD PATTAGUMPUS RD	0.11
TNWX	HALE ST	Int of HALE ST MEDWAY RD 1908262 MED, HALE ST, END	0.32
TNWX	LIBBY ST	Int of LIBBY ST PATTAGUMPUS RD Int of BIRCH ST, LIBBY ST	0.19
TNWX	BIRCH ST	Int of BIRCH ST PATTAGUMPUS RD End of BIRCH ST	0.25
TNWX	SUNRISE COURT SUNSET COURT	End of SUNRISE COURT Int of SUNRISE COURT SUNSET COURT WILDERNES Int of SUNRISE COURT SUNSET COURT WILDERNES End of SUNSET COURT	0.30
TNWX	SAVAGE ST	Int of PATTAGUMPUS RD SAVAGE ST 1908270 MED, SAVAGE ST, END	0.15
TNWX	MIDDLE SCHOOL DR	Int of MEDWAY RD MIDDLE SCHOOL DR End of Middle school Dr	0.32
TNWX	RECREATION RD	Int of MEDWAY RD RECREATION RD 1910067 MED, RECREATION RD, END	0.16
TNWX	DUMP RD	Int OF DUMP RD GRINDSTONE RD 1908278 MED, DUMP RD, END	0.05
TNWX	PINE GROVE CEMETERY RD	Int of PATTAGUMPUS RD PINE GROVE CEMETERY RD End OF PINEGROVE CEMETERY RD	0.10
TNWX	PRIMARY SCHOOL RD	Int of PRIMARY SCHOOL RD, SCHOOL ST Int of PRIMARY SCHOOL RD, SCHOOL ST	0.05
TNWX	NICATOU RD	Int of GRINDSTONE RD NICATOU RD End of NICATOU RD	1.25
TNWS	HATHAWAY RD	Int of CLUBHOUSE RD HATHAWAY RD End of HATHAWAY RD	0.20

Bridge Structures

Inventory of Bridges

Provided below is a summary of Katahdin's bridges and an assessment of their current condition.

Bridge Name	Bridge No.	Owner	Year Built	Condition			Date of Inspect.
				Deck	Super-structure	Sub-structure	
Smith Brook	5827	MDOT	1936	4	4	3	4/26/17
Station Rd Culvert	5684	Millinocket	1936	4	4	5	2/01/17
B&ARR/ BATES ST RR#104.64	3277	Railroad	1936	n/a	n/a	5	7/14/16
Schoodic	2747	MDOT	2017	9	9	9	1/11/18
Millinocket	2570	MDOT	1991	7	8	7	7/14/16
Second Street	0914	MDOT	1964	7	7	7	7/14/16
State Street	0909	MDOT	1950	7	4	5	7/14/16

Granite Street	0902	MDOT	1937	6	6	6	7/14/16
Nicatou Bridge	0818	MDOT	1997	7	8	7	9/5/17
Rockabema Stream	0880	Medway	1965	6	6	6	2/10/17
I95 SB / Salmon Stream	1409	MDOT	1976	6	6	7	11/28/16
Vaughn Daggett Mem SB	1410	MDOT	1966	6	6	6	10/26/16
I95 SB / Route 116	1411	MDOT	1966	6	6	6	11/28/16
East Branch Penobscot RV	2256	MDOT	1999	7	8	6	11/27/17
Salmon Stream	2738	MDOT	1939	6	6	5	9/6/16
Penobscot	3009	MDOT	2008	8	8	8	11/27/17
I95 NB / Route 116	6007	MDOT	1966	5	6	6	11/28/16
Vaughn Daggett Mem NB	6078	MDOT	1966	6	7	6	10/26/16
RTE 157 / I95 Interchange	6141	MDOT	1966	5	7	7	11/27/17
I95 NB over Salmon Stream	6164	MDOT	1966	7	6	6	11/28/16

3 – Serious Condition (primary structure affected); 4 – Poor Condition (advanced deterioration); 5 – Fair Condition (minor section loss); 6 – Satisfactory Condition (minor deterioration); 7 – Good Condition (some minor problems); 8 – Very Good Condition (no problems noted); 9 – Excellent Condition

Inventory of Culverts

Culvert Name	Culvert No.	Owner	Year Built	Condition			Date of Inspect.
				Culvert	Channel	Approach	
Penobscot Ave (Culvert)	0906	Millinocket	1970	3	6	4	4/26/17
Little Smith Brook	0905	Millinocket	1919	5	6	4	2/10/17
Granite Street	0902	MDOT	1937	7	7	4	7/14/16
Little Salmon Stream	2471	MDOT	1940	6	8	8	10/24/17

See MaineDOT for number ranking definitions; each condition category has their own 1-10 scale.

Public Transportation

An inventory of shared and community-specific public transportation options are provided.

Bus Service

Cyr Bus Line

The Cyr Bus Line's daily service from Bangor and points North helps connect the communities of East Millinocket, Millinocket, and Medway to the metropolitan area of Bangor, Maine. Once in Bangor, residents can connect to the Greyhound or Concord Bus Services (southbound), the Bangor International Airport, and the metropolitan public bus services Community Connector.

Penquis' Lynx Bus

The "Lynx" bus line is used for "general assistance public transportation" and is "available at least one day a week to every town in the Penobscot county." For those unable to drive or without a reliable vehicle, the "Lynx" bus line allows the public to access shopping, medical appointments, work/volunteering, recreation/ entertainment, and the visiting of family and friends, at little or no cost.

Those that are eligible to take advantage of the "Lynx" bus service are the general public, those needing cancer treatment or dialysis treatment, veterans, seniors, people with disabilities, or mental health diagnoses, and individuals with low income.

Depending on available funding, often the cost is free or has a small fee ranging from .50 cents to \$7.00 dollars per one-way trip. The schedule for the towns of Medway, East Millinocket, and Millinocket vcan be viewed on the Penquis web site at www.penquis.org/services/transportation.

Taxi/ Shuttle Service

God's Country Shuttle Service

God's Country Shuttle Service is located in Millinocket and services the towns of East Millinocket, Millinocket, and Medway. They offer shuttle services to the Bangor Airport and back. They also provide scenic day trips throughout the region, highlighting visits to Baxter State Park and Mt. Katahdin. They can be contacted via email at godscountryshuttle@yahoo.com or by phone at (207) 480-5222.

Volunteer Passenger Transportation

The town of Millinocket has an active volunteer ride system that offers rides to senior citizens for shopping (particularly supporting healthy food choices), church, and various socialization events.

Bicycle Lanes

Michael Michaud Walking & Biking Trail

Neither community has "designated" bicycle lanes, but the town of Millinocket has the Michael Michaud Walking & Biking Trail. The trail is an "easy" 1.6 mile loop starting at Crandall Park. The loop is paved, and follows along the Millinocket Stream, into the residential neighborhoods throughout downtown Millinocket. Information is available at the Millinocket Recreation Department at (207) 746-3553 or via email at jnelson@myfairpoint.net.

Sidewalks

Sidewalks and pedestrian crossings in residential areas and the downtown commercial area are maintained annually by the Department of Public Works. Please refer to map E-5, located in the appendix, for the locations of sidewalks and pedestrian crossings. A completed CDBG program from the early 1990s restored many of the town's sidewalks in each community's downtown, with maintenance provided by the community. All of these sidewalks are in good condition. About one hundred crosswalks are marked each year.

Sidewalks are important to maintain the quality of life and support walkable communities designation. They provide access to commercial and residential areas, recreational opportunities, and are an important safety feature of any heavily used roadway.

*Waterways**Inventory of Existing Waterways*

For East Millinocket, access to the Penobscot River is impeded by the former mill property and the Brookfield Dams. However, there is a boat launch accessible through the paper mill property near the outfall of Spencer Brook Stream. This area between the Dolby Dam and the East Millinocket Dam provide excellent, kayaking and canoeing opportunities. Public access should be worked out as the mill site is redeveloped.

Maintenance/ Upgrade Report

There is no maintenance or upgrades worth noting. Icebreaking operations do not take place.

Railway

- Central Maine and Quebec Railway maintains a station, yard, and extensive lines to both former Katahdin Paper Mills in Millinocket and East Millinocket. The freight services (transport of goods) are provided via 492 track miles in Maine, Vermont, and Quebec. Interchanges with other rail carriers allow CMQ Railway to move goods to and from New England, New Brunswick and Quebec. CMQ Railway was launched in 2014 and has invested more than \$50 million both direct capital and grant funds leading to 340,000 feet of rail installed, 163,000 ties installed, 95,000 tons of ballast dumped, and the acquisition of modern, high-horsepower, AC-traction locomotives for increased power and reliability to grow. Refer to C-15 located in the appendix.

East Millinocket, Millinocket, and Medway's access to the railways is of similar importance to growing each town's economic advantages. The railway's presence will be a key selling point for industries and businesses considering locating to the region. It is sufficient to service the commercial and industrial needs of all towns.

Inventory of Existing Rail

CMQ Railway maintains rail that links directly into the Millinocket and East Millinocket former mill sites. CMQ Railway maintains a station, yard, and extensive spur lines to both Katahdin Paper mills. The tracks are mapped on the maps at the end of this section.

Maintenance/ Upgrade Report

There is no new maintenance or upgrades scheduled at this date.

*Airway**Air Capabilities & Facilities*

The towns of East Millinocket, Millinocket, and Medway are served by the Millinocket Municipal Airport located at 16 Medway Road; the airport was built in 1938. The current configuration includes two runways (Runway 11-29 & Runway 16-34) with a main terminal, as well as three municipally-owned hangers and three privately owned hangers. There are currently thirteen tie-downs.

The airport's operational hours are from 8 am to 5 pm or later, 7 days a week throughout the summer. During the winter months, the airport operates 8am to 5 pm only Monday through Friday. The airport has one to two attendants at any given time, and offers 100LL Avgas; Jet A, aviation oils, filters, pilot supplies, including maps and charts. The airport does offer the option for a rental car to arriving travelers.

Runway 11-29 is 4,713 feet and Runway 16-34 is 4,007 feet in length. Runway 11-29 has pilot controlled lighting. Runway 16-34 is not plowed during the winter months, but is accessible to aircrafts using skis. The airport's CTAF/ Unicom frequency is 1228. The Bangor radio is 123.6 and Boston Center is 120.25.

Maintenance/ Upgrade Report

A new snow removal equipment building was erected in 2018 and taxis were repaired. The town is looking for grant opportunities to revamp the runways.

Pipelines

Inventory of Pipelines

Currently, there are no fuel pipelines in the three towns. However, each municipality has adequate water, sewer, and stormwater lines within their respected boundaries. East Millinocket has a leachate pipeline from the State owned landfill from Route 157 to the East Millinocket site.

Maintenance/ Upgrade Report

Maintenance on water, sewer, and stormwater lines has taken place and is ongoing. There are no known plans for the addition of any fuel pipeline.

Planned Capital and Maintenance Work

Provided by the Maine Department of Transportation, below are the listed projects and upgrades that have been included within the Work Plan for calendar years 2018-2019-2020. The cost of each project along with scope of work and description is provided; note that work may extend into neighboring towns. The activities that are not listed may be managed on a larger scale, such as snow & ice removal, or may be contractual work.

Town of Millinocket					
Name of Asset(s)	Year Performed	Description of Project	Scope of Work	Priority	Estimated Funding
Granite Street	2018	Repair SW approach and waring surface on Granit Street Bridge located over Millinocket Stream between Congress St. & York St.	Bridge and Structural Maintenance	n/a	\$40,000
State Street	2018	Repair abutment and bridge rail on State Street Bridge over Millinocket Stream located between the intersection of State & Spring St.	Bridge and Structural Maintenance	n/a	\$170,000
Millinocket Municipal Airport	2019/2020	Safety and infrastructure improvements that may include an Airport Master Plan Update to	Aviation Planning Studies Planning & Research	n/a	\$154,500

		include a Wildlife Hazard Site Visit			
Millinocket Municipal Airport	2019/2020	Safety and infrastructure improvements that may include the acquisition of snow removal equipment at the MLT	Aviation Capital Equipment Purchase Runway/Taxiway	n/a	\$342,990
		Note: Local Road Assistance – Fiscal Year – 2018 is \$43,980 for Millinocket Local Road Assistance – Fiscal Year – 2018 is \$14,364 for East Millinocket			

Town of Medway					
Name of Asset(s)	Year Performed	Description of Project	Scope of Work	Priority	Estimated Funding
Interstate 95 Bridges	2018	Interstate 95 bridges from Medway to Houlton	Bridge Protective Coating	HCP 1, 6, 4, 3	\$1,400,000
Interstate 95 NB/SB	2018	Repair erosion under the south end of both Vaughn Daggett Bridges (No. 6078, No. 1410) located on Interstate 95 over the Penobscot River approximately 0.43 of a mile south of Route 157 in Medway	Bridge & Structural Maintenance	HCP 1	\$58,000
Route 11	2018	Replacing cross culverts (No. 102457, No. 890727) located 0.52 of a mile north of West Seboeis Road in Long A Twp. and 0.60 of a mile south of the Medway-East Millinocket town line in Medway.	Drainage Maintenance	HCP 3, 4	\$35,000
Interstate 95 SB	2018	Beginning 0.08 of a mile north of Interstate 95 off-ramp to Route 11 and extending southerly 22.91 miles to the Medway- T2 R9 town line	Highway Paving Mill & Fill	HCP 1	\$8,018,500
Interstate 95 NB	2019/2020	Beginning 0.24 of a mile north of the Edinburg town line and extending northerly 26.47 miles.	Highway Paving Ultra-Thin Bonded Wearing Surface	HCP 1	\$4,233,600

Interstate 95 NB	2019/2020	Beginning 1.56 miles north of the T2 R9 NWP-Medway town line and extending northerly 12.70 miles	Highway Paving Mill and Fill	HCP 1	\$5,080,000
Interstate 95 SB	2019/2020	Beginning at the Medway town line extending south 49.55 miles.	Highway Paving Ultra-Thin Bonded Wearing Surface	HCP 1	\$7,928,000
Note: Local Road Assistance – Fiscal Year – 2018 is \$21,380 for Medway					

Also provided by the Maine Department of Transportation are the Maintenance Accomplishments of 2017. Activities that are not listed may be managed on a larger scale, such as snow & ice removal, or may be work performed on a contractual basis. Work that is listed may have extended into neighboring towns, but the town serving as the point of origin is reported.

Millinocket	Medway	Activity
6.00	6.00	Bridge Inspection(s) Performed
63.30	3.60	Shoulder Miles of Herbicide Applied
1.00	27.00	Emergency Event Responses
6.00	0.00	Channel(s) Maintained
5.00	10.00	Bridge(s) Washed
7.00	0.00	Person Hours of Traffic Signal Maintenance
11.00	10.90	Miles of Striping Applied
0.00	30.00	Maintenance Stops at Traveler Facilities
0.00	2,565.00	Linear Feet of Brush Removed
0.00	5.00	Minor Sign(s) Installed or Maintained
0.00	70.00	Linear Feet of Guardrail Installed
0.00	2.00	Drainage Structures Installed or Replaced
0.00	1,016.70	Mile(s) of Shoulder prepared for LCP
0.00	120.00	Linear Feet of Shoulder Rebuilt
0.00	1.00	Drainage Structures Cleaned
0.00	944.00	Sq. Feet of Pavement Legend Applied
0.00	66.00	Linear Feet of Bridge Joints Repaired or Replaced
0.00	0.10	Shoulder Miles of Sweeping
0.00	2,726.00	Sq. Feet of Bridge Wearing Surface Repaired
0.00	69.50	Ton(s) of Patch Applied
0.00	2.00	Major Sign(s) Installed or Maintained
0.00	1,759.00	Linear Feet of Backhoe Ditching
0.00	2.00	Trees Removed
0.00	10.50	Mile(s) of Shoulder Graded
0.00	2,940.30	Ton(s) of Hot Mix Paving
0.00	15.50	Shoulder Miles of Litter and Debris Removal
0.00	1.00	Drainage Structures Repaired
0.00	120.00	Sq. Feet of Bridge Curb or Sidewalk Repaired
0.00	110.00	Linear Feet of Guardrail or Fence Maintained

Provided by the MDOT Work Plan & Maintenance Report were Capital Projects that were completed in the previous year (2017). The Town of Medway was the only community to have projects completed.

Town of Medway		
Project ID Number	Project Name	Project Description
024014.00	Medway Area 2017 LCP	Medway Area 2017 LCP
018378.00	Scenic Byway Gateways	Byway traveler information and interpretive information at entry points to the Grindstone Scenic Byway

The MDOT Work Plan & Maintenance Accomplishments were listed for the Towns of Millinocket and Medway. The Town of East Millinocket had no record of past maintenance or future maintenance listed in their State work plan.

Worth noting is the Town of East Millinocket's Wastewater Treatment Plant Project. For more detailed information, please refer to Chapter Seven – Economy under the subchapter Economic Development. Once the town has completed the wastewater treatment plant, their goal is to continue looking at system physical lines.

Maine DOT & US DOT Safety Assessment

Notable High Collision Areas

The MDOT rates accidents according to a Critical Rate Factor (CRF) which corresponds to the number of times the actual accident rate exceeds the expected accident rate. Generally, a CRF of 1.0 or more indicates a higher than usual number of accidents at that specific intersection or stretch of road. A High Crash Location (HCL) is a location that exhibits a CRF equal to or greater than 1.0 and that has experienced at least 8 crashes in the most recent complete 3- year period. According to MDOT, neither East Millinocket nor Millinocket, have any notable "high crash locations."

Fatality Report

Looking back to 2010, there has only been one fatality related to a motor vehicle. In 2015, an older gentleman was hit from behind and pronounced dead at the scene. The fatality was recorded in the town of Millinocket.

From 2010 to current, East Millinocket has not reported a fatality related to a motor vehicle.

In the town of Medway, the intersection of Crossover Road and I-95 is considered an area of concern. In 2017, the intersection experienced a total of 8 crashes with 25% of those crashes resulting in reported injuries.

Animal- Related Accident Report

Of 113 accidents reported and recorded from 2010 to 2017 in the town of East Millinocket, 16 of them were results of collisions with either moose or deer. In the same time period the town of Millinocket, recorded 311, in which 12 of those collisions were with moose, deer, or bear. Medway reported...

Responsible Parties

Maine Department of Transportation

Direct from the Maine Department of Transportation's website:

"The Maine Department of Transportation (MaineDOT) is a cabinet-level state agency with primary responsibility for statewide transportation by all modes of travel. MaineDOT employs approximately 1,900 people and expends or disburses more than \$600 million per year, including federal, state, and local funds.

MaineDOT's mission is to responsibly provide our customers the safest and most reliable transportation system possible, given available resources."

U.S. Department of Transportation

Direct from the U.S. Department of Transportation's website:

"The mission of the Department is to ensure our nation has the safest, most efficient and modern transportation system in the world; that improves the quality of life for all American people and communities, from rural to urban, and increases the productivity and competitiveness of American workers and businesses.

The Department of Transportation was established by an act of Congress on October 15, 1966. The Department's first official day of operation was April 1, 1967."

The three Katahdin communities work collaboratively with MDOT and the U.S. Department of Transportation whenever possible to affect road and transportation maintenance and improvement measures.

Millinocket Public Works

The Millinocket Public Works Department is responsible for maintaining the public roads and public infrastructure within Millinocket. As such, they oversee the maintenance of the cemetery, airport, and transfer station.

The town is also responsible for the winter maintenance including 40 plus miles of public roadways, two schools, airport, public parkways, transfer station, and snow removal of downtown.

East Millinocket Public Works

The East Millinocket Public Works Department is responsible for approximately 25 miles of public roadways. They are responsible for the summer and winter maintenance duties, including snow and ice removal/control. The Department also monitors and maintains the public's sewage, stormwater and water lines within the right of way.

Medway Public Works

To be completed

Strategies & Policies

In order to encourage, promote and develop efficient transportation services and facilities that will accommodate Medway, Millinocket & East Millinocket's future needs, the following policies and implementation strategies have been developed:

Millinocket

1. **Policy:** The town will maintain an appropriate system that will support the economy and social activities, and provide access to jobs, schools, and critical services that are vital to residents living in rural areas.

Strategies: Maintain capital budgets that aggressively and responsibly provide roadway improvements. The town should make good faith efforts to address existing deficiencies and future needs, and ensure that private developments address transportation impacts.

Time Frame: On-going

Responsible Agent(s): Town Manager, Public Works Department, Wastewater Treatment, Planning Board, and the Town Council

2. **Policy:** The town will support a transportation plan that will play a fundamental role in the community's vision. It will include comprehensive consideration of possible strategies; an evaluation process that encompasses diverse viewpoints; the collaborative participation of relevant transportation-related agencies and organizations; and open, timely, and meaningful public involvement. Included in the planning will be strategies to promote the region through signage (directional and interpretive) and kiosks particularly focusing on the scenic byway route of the Grindstone Road and the Katahdin Woods & Water National Monument byway. Planning will also address the various recreational pathways for ATV, snowshoe/skiing, biking, and hiking. **Strategies:** Develop and update a long-range transportation plan for the town and involve the general public and all of the other affected constituencies in all essential functions.

Time Frame: On-going

Responsible Agent(s): Town Manager, Public Works, Town Council, and the public

East Millinocket

1. **Policy:** The town will maintain an appropriate system that will support the economy and social activities, and provide access to jobs, schools, and critical services that are vital to residents living in rural areas.

Strategies: Maintain capital budgets that responsibly provide roadway improvements. The town should make good faith efforts to address existing deficiencies and future needs and ensure that private developments address transportation impacts. Develop and update a long-range transportation plan for the town and involve the general public and other affected constituencies.

Time Frame: On-going

Responsible Agent(s): Administrative Assistant, Public Works Department, Water and Wastewater Treatment and Board of Selectmen

2. **Policy:** The Town will work with other groups to assist in development of multi-use trails for recreational use and economic development.

Strategies: To work with local clubs and organizations to develop a plan of action that supports through grants and other foundations developments that will achieve the multi-use trail goal.

Time Frame: Ongoing.

Responsible Agent: Administrative Assistant, Recreation Director, Board of Selectmen and appropriate recreation and sports clubs in the region.

Medway

1. **Policy:** *state policy here*

Strategies: *state strategies here*

Time Frame: *state length here*

Responsible Agent: *list all that are responsible for implementation*

2. **Policy:** *state policy here*

Strategies: *state strategies here*

Time Frame: *state length here*

Responsible Agent: *list all that are responsible for implementation*