

AROOSTOOK COUNTY HAZARD MITIGATION PLAN – 2021 Update

D2: Was the plan revised to reflect progress in local mitigation efforts? See status column.

D3: Was the plan revised to reflect changes in priorities? See discussion on how they were prioritized, page [5-27](#).

Note: References to culverts on the following pages refer to upsizing or lengthening culverts, unless otherwise stated. **According to Culvert Sizing Design Guidance approved by the Maine Department of Transportation Environmental Office in 2015 (available online: <https://www.maine.gov/mdot/edi/docs/CulvertSizing52115.pdf>), upsizing and lengthening culverts is an important mitigation practice to improve flow conditions and reduce the extent and likelihood of flood damage caused by undersized or poorly designed/maintained culverts. Similarly, projects that reference ditching and elevating roads are intended to avoid road surface flooding and associated transportation and emergency response vulnerabilities.** Over the years, FEMA has established project useful life standards for typical mitigation project types. FEMA's project useful life standard for culverts ranges from 25-50 years, depending on type of materials used. Other examples are: generators - 19 years, elevations – 30 years, and acquisition/demolitions - 100+ years.

Aroostook County Projects

Town Aroostook Co.	Project (in Priority Order)	Estimated Cost	Time Frame	Responsible Agency	Status
Allagash	1) Frank Mack Road - Upsize 24' cmp to 48" x 40', rip rap	\$13,500	Medium Term	Road Commissioner	Deferred – Lack of funds
	2) Walter Brook Road - Install (2)24" x 40' cmps & (2) 36" x 40'cmp's, rip rap	\$9,000	Medium Term	Road Commissioner	Deferred – Lack of funds
	3) Inn Road - Bank stabilization, culvert	\$5,000	Short Term	Road Commissioner	Deferred – Lack of funds
	4) Old Rapid Road - Culvert	\$60,000	Medium Term	Road Commissioner	Deferred – Lack of funds
Aroostook Band of Micmacs	Please see Annex for updates on Tribe projects				
Ashland	1) Wrightville Road - Ditching & culverts	\$120,000	Long Term	Public Works	Deferred – Lack of funds
Blaine	1) Grass Road - Place geo fabric and elevate 125' section of road 7 repave	\$8,000	Long Term	Public Works	Deferred – Lack of funds
	2) Robinson Road - Upsize 48' x 70' culvert	\$10,500	Medium Term	Public Works	Deferred – Lack of funds

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(Blaine)	3) Barrett Road - Upsize 48' x 40' cmp	\$6,500	Medium Term	Public Works	Deferred – Lack of funds
	4) Pierce Road - One culvert	\$3,000	Medium Term	Public Works	Deferred – Lack of funds
	5) Libby Road - One culvert	\$6,000	Medium Term	Public Works	Deferred – Lack of funds
Bridgewater	1) East Blaine Road – Upsize culvert (size to be determined)/bridge	\$95,000	Medium Term	Road Commissioner	Deferred – Lack of funds
	2) Packard Road – Ditch 15,000', add (6) 18" x 40' cmps	\$33,000	Medium Term	Road Commissioner	Deferred – Lack of funds
	3) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds
Caribou	1) Madawaska Road – Upsize culvert	\$10,000	Completed	Public Works	Completed
	2) Plant Road – Upsize culvert	\$15,000	Completed	Public Works	Completed
	3) Ogren Road – Upsize culvert	\$9,000	Completed	Public Works	Completed
	4) River Road – Easements, engineering and soil evaluations	\$156,000	Long Term	Public Works	Deferred – Lack of funds
	5) Install dry hydrants	\$1,000	Short Term	Public Works	Deferred – Lack of funds
	6) Farnham Brook – upsize culvert and rip rap	\$150,000	Completed	Public Works	Completed
	7) Limestone Street – stabilize bank that is eroding into river	TBD	Short Term	Public Works	Deferred – Lack of funds
	8) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds
Castle Hill	1) McDonald Road – Install 5' x 50' cmp	\$6,800	Completed	Public Works	Completed
	2) Create inventory of all town owned drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds
Caswell	Willard Road – Ditch 6.5 miles, upsize (2) 24" cmps to 48" x 40' cmps	\$73,000	Long Term	Public Works	Deferred – Lack of funds
Chapman	Create inventory of all town owned drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds

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Cyr Plantation	1) Laplante Road – Rebuild 300 feet	\$14,000	Long Term	Road Commissioner	Deferred – Lack of funds
	2) Madore Road – Rebuild 800 feet	\$37,500	Long Term	Road Commissioner	Deferred – Lack of funds
	3) Michelle L. Cross Road – Rebuild 2,000 feet	\$95,000	Long Term	Road Commissioner	Deferred – Lack of funds
	4) Omer Dumond Road – Install one corrugated metal pipe	\$5,000	Short Term	Road Commissioner	Deferred – Lack of funds
	5) LaPlante Road – Rebuild 800 feet	\$37,500	Long Term	Road Commissioner	Deferred – Lack of funds
Dyer Brook	1) Pond Road – Upgrade with new culverts and paving	unknown	Short Term	Public Works	Completed 2020
	2) Create inventory of all town owned drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds
Eagle Lake	Gillmore Brook Road – Ditch 20,000’, add surface gravel 5.5 miles x 20’ x 6’	\$129,000	Long Term	Public Works	Deferred – Lack of funds
Easton	1) Hersom Road – Mitigate drainage issues	\$65,000	Medium Term	Public Works	New Project
	2) Graham Road – Upsize twin 3’ cmps with 8’ x 40’ box culvert, rip rap & upsize guard rails	\$68,000	Medium Term	Public Works	Completed
	3) Ladner Road – Upsize twin 3’ cmps with 8’ x 45’ culvert, rip rap & upsize guard rails	\$73,000	Medium Term	Public Works	Completed
Fort Fairfield	1) Currier Road – Install 12’ x 60’ box culvert, rip rap, raise road & repave	\$149,000	Long Term	Road Commissioner/ Selectmen	Deferred – Lack of funds
Fort Kent	1) Shore Guard Levee Protection – Fish River	\$500,000	Long Term	Public Works	Deferred – Lack of funds
	2) Bradbury Road – Study option of re- routing to 11 South – avoid major landslide and residents being stranded	\$1,000,000	Long Term	Public Works	Deferred – Lack of funds
	Bradbury Road – Document progression for future mitigation	\$15,000	Long Term	Public Works	Upsized by # 2, above

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(Fort Kent)	Bradbury Road – Culverts to allow run off to flow	\$10,000	Long Term	Public Works	Upsized by # 2, above
	3) Charette Hill Road – Bank stabilization, erosion control	\$120,000	Long Term	Public Works	Deferred – Lack of funds New Project
	4) Heritage Trail – Culvert and bank stabilization	\$5,000	Short Term	Public Works	Deferred – Lack of funds
	5) North Perley Brook Road – Upsize culverts to reduce flooding	\$18,837	Short Term	Public Works	Completed; HMPG grant, August 2015
	6) East Main Street – Acquire homes, demolish & expand park	\$250,000	Partially Completed	Public Works	Some homes acquired
	7) South Pearly Brook Road – Upsize culvert with larger one	\$10,000	Completed	Public Works	Completed
	8) Public Works Department – Relocate garage out of flood zone	\$20,000	Completed	Public Works	Completed
	9) Violette Settlement Road – Upsize culvert with larger one and raise the road	\$20,000	Completed	Public Works	Completed
	10) Aroostook School Road - Improve drainage	\$10,000	Completed	Public Works	Completed
	11) Marquis Road – upsize culvert with larger one	\$10,000	Completed	Public Works	Completed
	12) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds
	13) Little Black Lake – culvert upgrade, riprap	\$20,000	Short Term	Public Works	Deferred – Lack of funds
	Frenchville	1) Gagnon Road – Study drainage improvements at Bridge 2391	\$110,000	Short Term	Public Works
2) Starbarn Avenue - Work on ditches to prevent erosion		\$7,822	Medium Term	Public Works	Completed in 2013
3) Pelletier Ave. – Study drainage improvements		\$14,062	Long Term	Public Works	Completed in 2013
4) Church Avenue - Ditching and erosion control		\$9,541	Medium Term	Public Works	Completed in 2015

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(Frenchville)	5) Pelletier Avenue - Upgrade culvert and road	\$9,059	Long Term	Public Works	Completed in 2014
	6) Starbarn Avenue - Upgrade road and ditching	\$26,362	Long Term	Public Works	Completed in 2015
	7) Starbarn Avenue - Ditch and divert water	\$5,322	Short Term	Public Works	Completed in 2013
	8) Bourgoin Avenue - Ditch and culvert upsize	\$5,567	Short Term	Public Works	Completed in 2012
	9) Pelletier Avenue - Erosion control	\$5,267	Medium Term	Public Works	Deferred – Lack of funds
	10) Pelletier Avenue - Remove trees, realign road	\$3,067	Medium Term	Public Works	Completed in 2011
	11) Pelletier Avenue - Upsize culvert, drainage	\$1,362	Short Term	Public Works	Deferred – Lack of funds
Garfield Plt.	1) Upgrade roads & bridges as necessary to reduce flood hazard	\$25,000	Long Term	Public Works	Deferred – Lack of funds
	2) Create inventory of all town owned drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds
Grand Isle	1) Grivois Road - Ditch 25,000' of road and install (8) 18" x 24' cmps	\$75,000	Long Term	Public Works	Deferred – Lack of funds
	2) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds
Hamlin	Create inventory of all town owned drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds
Haynesville	Skagrock Road - Ditch 10,000' upsize culvert to 5' x 30' box culvert, rip rap	\$58,000	Medium Term	Public Works	Deferred – Lack of funds
Hodgdon	1) McIntyre Road - 800 feet road elevation	\$37,500	Long Term	Public Works	Deferred – Lack of funds
	2) Westford Hill Road - 600 feet road elevation	\$27,500	Long Term	Public Works	Deferred – Lack of funds
	3) North Town Line Road - 1,000 feet road elevation	\$47,500	Long Term	Public Works	Deferred – Lack of funds

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(Hodgdon)	4) Green Road - 2,000 feet road elevation	\$95,000	Long Term	Public Works	Deferred – Lack of funds
	5) South McIntyre Road - One culvert	\$3,000	Short Term	Public Works	Deferred – Lack of funds
Houlton	1) Morningstar Road - At Moose Brook determine proper size and upsize 12' x 60' culvert	\$100,000	Medium Term	Public Works	Under contract – to be completed Fall 2021
	2) Runway drainage at Houlton International Airport - Install debris catcher at inflow of pipe	\$30,000	Completed	Public Works	Completed
	3) Green Street - Acquisition & demolish house at 12 Greet Street., project returned to open space	\$83,000	Completed	Public Works	Completed
	4) Lincoln Street - Acquire & demolish house at 3 Lincoln Street, returned to open space	\$65,000	Completed	Public Works	Completed
	5) Cutting back branches from lines to resolve power issues	\$45,000	Completed	Public Works	Completed
Houlton Band of Maliseet Indians	1) Bell Road – Resize and replace water crossing.	\$200,000	Long Term	Public Works	New
	2) Wilderness Pines – Establish internet service for non-congregate sheltering	\$40,000	Medium Term	Public Works	New
	3 Bell Road – Extend road to Carson Road for egress from Administration building	\$200,000	Medium Term	Public Works	New
Island Falls	1) Old Patten Road - Install 122" x 50' floodway arch culvert, rip rap & repave	\$22,000	Medium Term	Public Works	Deferred – Lack of funds
	2) Jacob Shur Road - Upsize culverts – build up road	\$15,000	Long Term	Public Works	Deferred – Lack of funds
	3) Merriman Road - Culverts and ditching	\$25,000	Long Term	Public Works	Deferred – Lack of funds
	4) South Shore Road – Ditching	\$15,000	Short Term	Public Works	Deferred – Lack of funds

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(Island Falls)	(5) Sewall Street - Drainage, ditching	\$20,000	Short Term	Public Works	Deferred – Lack of funds
	6) Church Street - Drainage, ditching	\$20,000	Short Term	Public Works	Deferred – Lack of funds
	7) Acquisition/demolition – 1 property; deed restricted to open space	\$18,470	Completed	Contractor Public Works	Completed 2012 PDM grant
Limestone	1) Burleigh Street - Underground storm drain; install (2) catch basins and 450' x 4' culvert	\$64,000	Long Term	Public Works	Deferred – Lack of funds
	2) Silver Spring Brook - Dredge brook at intake	\$20,000	Long Term	Public Works	Deferred – Lack of funds
	(3) Cutting back branches	\$45,000	Short Term	Public Works	Deferred – Lack of funds
	4) Stabilize bank to protect sewer	\$87,000	Medium Term	Public Works	Deferred – Lack of funds
	5) Madawaska Dam - Resurface spillway with proper material	\$100,000	Long Term	Public Works	Deferred – Lack of funds
	6) Fish Way to Madawaska Dam	\$250,000	Long Term	Public Works	Deferred – Lack of funds
	7) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds
Linneus	1) South Oakfield Road-Beaver Brook - Upsize & enlarge existing culvert, from 5' to 6'. Install 2' overflow. Rip rap. Resurface 300; of gravel travel surface	\$18,000	Short Term	Road Commissioner	Deferred – Lack of funds
	2) Folsom Road - Upsize & enlarge existing culvert. Rip Rap. Resurface 400' of gravel travel surface. Raise road profile.	\$8,500	Medium Term	Road Commissioner	Deferred – Lack of funds
	3) Raise elevation of floor in furnace room at fire station	\$30,000	Short Term	Road Commissioner	Deferred – Lack of funds
	4) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds

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Littleton	1) Carson Road - Two culverts	\$85,000	Short Term	Public Works	Deferred – Lack of funds
	2) Wiley Road - One culvert	\$25,000	Short Term	Public Works	Deferred – Lack of funds
	3) Hillsiding Road - Nine culverts	\$25,000	Medium Term	Public Works	Deferred – Lack of funds
	4) Shanks Road - Three culverts	\$8,000	Medium Term	Public Works	Deferred – Lack of funds
	5) Gillen Road - One culvert	\$14,000	Short Term	Public Works	Deferred – Lack of funds
	6) Ingraham Road - One culvert	\$5,000	Short Term	Public Works	Deferred – Lack of funds
	7) Front Ridge Road - Six culverts	\$30,000	Medium Term	Public Works	Deferred – Lack of funds
Madawaska	1) Create inventory of all town owned drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds
	2) Acquisition/demolition – 1 property; deed restricted to open space	\$192,477	Completed	Contractor Public Works	Completed 2010 HMPG
	3) Grandmaisson Avenue – Catch basin, Drainage pipe	\$4,380	Short Term	Public Works	Completed
	4) Gendreau Road – Upsize culvert	\$96,000	Short Term	Public Works	Completed
	5) Golf Course Road – Upsize culvert	\$30,000	Short Term	Public Works	Temporary fix 2018
	6) Pelletier Avenue – Upgrade culvert	\$10,000	Short Term	Public Works	New Project
	7) Third & Girard – Upgrade culvert	\$10,000	Short Term	Public Works	New Project
	8 Dufour Road Repair head of culvert to redirect water	\$7,500	Short Term	Public Works	New Project
Mapleton	1) NOMACCA Drive - Relocate access road away from Aroostook River approx. 600', fill & rip rap	\$1,000,000	Long Term	Public Works	Deferred – Lack of funds
	2) Teakettle Brook - Upsize culvert with stream crossing culvert	\$150,000	Medium Term	Public Works	Deferred – Lack of funds

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(Mapleton)	3) Create inventory of all town owned roads and drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds
Merrill	Create inventory of all town owned drainage (GPS)	\$15,000	Long Term	Public Works	Deferred – Lack of funds
Mars Hill	1) Clark Road - 24" x 50' cmp to 36" x 50' cmp & rip rap, elevate 250' of road bed	\$25,000	Medium Term	Public Works	Deferred – Lack of funds
	2) Mountain Road - Upsize (2) 24' x 40' cmps to 36" x 40' rip rap & ditch 300'	\$25,000	Medium Term	Public Works	Deferred – Lack of funds
	3) East Ridge Road – Upgrade 3 culverts at Gizoquit Brook	\$60,000	Short Term	Public Works	Deferred – Lack of funds
Monticello	1) Jones Road – Reconstruct road	\$25,000	Short Term	Public Works	New
	2) Hoyt Road – Upgrade culverts and repair road	\$20,000	Short Term	Public Works	New
	3) Hillsiding Road - Upgrade culverts and repair road	\$15,000	Short Term	Public Works	New
	4 Bell Road – Install guard rails and repair roads	\$15,000	Long Term	Public Works	New
	5) Fullerton Road - Berm and seed, ditch 700' of road rip rap & coffer dam	\$25,000	Short Term	Public Works	Still repairing sections
	6) Install dry hydrants	\$25,000	Long Term	Public Works	Deferred – Lack of funds
New Sweden	Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds
Perham	High Meadow Road - Install underground channels for drainage, elevation, ditching & culverts	\$295,000	LongTerm	Public Works	Deferred – Lack of funds
Portage Lake	1) West Road - Install culverts 2 – 18" x 20' HDPE cross culverts, gravel and pavement repair	\$4,160	Short Term	Public Works	Completed
	2) West Road - Ditching 550' and 3 – 18" HDPE culverts, gravel and pavement repair	\$5,100	Medium Term	Public Works	Completed
	3) West Road - Stabilize stream bank & culvert inlet/outlet w/geotextile and rip rap	\$1,900	Short Term	Public Works	Completed

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(Portage Lake)	4) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Completed
Presque Isle	1) Burlock Road - Ditching and rip rap	\$14,000	Medium Term	Public Works	Completed 2019
	2) Lombard Road - Culvert	\$10,000	ShortTerm	Public Works	Deferred – Lack of funds
	3) Henderson Road – Triple 36-inch Culverts	\$42,000	Short Term	Public Works	Deferred – Lack of funds
	4) Install dry hydrants	\$30,000	Long Term	Public Works	Deferred – Lack of funds
	5) Ginn Road - Culverts and rip rap	\$20,000	Completed	Public Works	Completed 2004 and 2020
	6) Ashby Road - Ditching and rip rap	\$15,000	Completed	Public Works	Completed 2003
	7) Main Street - Upsize culvert with box or arch culvert	\$35,000	Completed	Public Works	Completed 2003
	8) Fort Road (Route 163/167 from North Street –Maple Grove Road - ditching	\$82,000	Short Term	Public Works	Planned for 2021
	9) Easton Road (Route 10) east of Egypt Road – drainage improvements	\$199,000	Short Term	Public Works	Planned for 2021
	10) US Route 1 (south) 0.27 mile N of Westfield Town Line – bridge culvert rehab	\$1,170,000	Medium Term	Public Works	Planned for 2023
Reed Plantation	Create inventory of all town owned drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds
St. Agatha	1) Airport Road - Create Ditching	\$15,000	Completed	Public Works	Completed
	2) Marquis Road - create better ditching & divert water to culvert	\$20,000	Completed	Public Works	Completed
	3) Marquis Road - Install culvert to access flow from the field	\$25,000	Completed	Public Works	Completed
	4) Brook Road - Create buffer zone	\$50,000	Long Term	Public Works	Deferred – Lack of funds
	5) Create inventory of all town owned drainage (GPS)	\$25,000	Long Term	Public Works	Deferred – Lack of funds

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(St. Agatha)	6) Flat Mountain - Buffering and ditch work	\$10,000	Completed	Public Works	Completed
	7) Plein Road - Buffering and ditching	\$12,000	Completed	Public Works	Completed
	8) Demolish treatment plant in floodplain	\$30,000	Completed	Public Works	Completed
St. Francis	Sunset Drive - Culverts & ditching	\$20,000	Medium Term	Public Works	Deferred – Lack of funds
St. John	Create inventory of all town owned drainage (GPS)	\$20,000	Long Term	Public Works	Deferred – Lack of funds
Sherman	1) Create inventory of all town owned drainage (GPS)	\$20,000	Long Term	Public Works	Deferred – Lack of funds
	2) Cold Brook and Gallison Roads – ditching & culverts	TBD	Long Term	Public Works	Deferred – Lack of funds
	3) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds w
Unorganized Territory	1) Benedicta - Aroostook Road - Pavement reclaim/graded paving/stripping	\$200,000	Completed	Public Works	Completed July/August 2017
	2) Connor/Sinclair/Madawaska Lake/E Plantation – pavement crack sealing 5 mi	\$40,000	Completed	Public Works	Completed Sept 2018
	3) Connor – Madawaska & Haney Road – Ditching, paving approx. 1 mile	\$100,000	Completed	Public Works	Completed Aug 2018
	4) Benedicta – Aroostook Road – Annual ditching (5-6 days)	\$25,000	Short Term	Public Works	On-going (annual maintenance)
	5) Connor & Sinclair – Haney, West Gate & Shore Roads – Pavement, post-pavement shoulder build-up approx. 2.5 mi	\$225,000	Completed	Public Works	Completed Sept 2019
	6) Madawaska Lake – Lake Shore Drive – Shoreline rip-rap approx. 400 feet	\$25,000	Completed	Public Works	Completed Nov 2020
	7) Cary Township- Wilcox & Smith Roads – Excavate shoulder materials, ditching, cross culvert upgrades	\$40,000	Long Germ	Public Works	On-going – 2 nd year of 5-year de-organization plan
	8) Oxbow North Township – Oxbow Road – Ditching, culvert upgrades, road surface rehabilitation on unpaved portion 9 miles	\$100,000	Long Term	Public Works	On-going – 4 th year of 5-year de-organization plan

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Van Buren	1) St. Mary’s Road - Two sections-1,000 ft., raise, rip rap, enlarge culverts	\$45,000	Long Term	Public Works	Deferred – Lack of funds
	2) Lake Road - Ditch, rip rap, raise road & change culverts as needed for a distance of 2,000 feet	\$78,000	Long Term	Public Works	Deferred – Lack of funds
	3) Alexander Road - Raise, grade, rip rap & change culverts as needed for 3,000 feet	\$90,000	Long Term	Public Works	Deferred – Lack of funds
	4) Acquisition/Demolition - 6 properties; deed restricted to open space	\$371,405	Completed	Contractor Public works	Completed 2012; HMGP grant
	5) Violette Brook - Rip Rap & Stabilize bank	TBD	Completed	Public Works	Completed in 2007
	6) DOT Project in conj. with Van Buren Public Works - Resolve under-sized culvert issues attempting to leverage federal highway funds	TBD	Long Term	Public Works	Deferred – Lack of funds
	7) DOT Project in conf. with Van Buren Public Works - Resolve proper drain issues relative to Champlain & Route 1 area	\$97,500	Long Term	Road Commissioner	Deferred – Lack of funds
	8) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Deferred – Lack of funds
Wade	1) New Dunton Road - One bridge	\$11,000	Long Term	Public Works	Completed
	2) South Wade Road - Install 6 culverts and guardrail	\$100,000	Medium Term	Public Works	Several culverts replaced need guard rails on river side of road
	3) Gardner Creek – add drainage tile under road and build up	\$10,000	Medium Term	Public Works	Deferred – Lack of funds
	4) North Wade Road – Add guard rails along edge of brook	\$50,000	Long Term	Public Works	New

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Wallagrass	1) Rip rap to protect bridge	\$11,830	Long Term	Public Works	Deferred – Lack of funds
	2) Soldier Pond Road - Acquisition of six homes	\$350,000	Long Term	Public Works	Deferred – Lack of funds
	3) Church Street - 500 feet road elevation	\$22,500	Medium Term	Public Works	Deferred – Lack of funds
Washburn	1) Porter, Woodman, Wilder, and Berce Streets – Study costs and feasibility to dredge, ditch, upgrade culvert and install catch basins, underground drain to brook	\$4,000,000	Long Term	Public Works	Completed. Berce & Woodman done several years ago, Porter & Wilder done 2020
	2) Emergency communication equipment - install 3 backup generator system	\$20,000	Long Term	Public Works	New Project
	3) Mill Pond - Remove culverts, upgrade with bridge to eliminate flooding	\$250,000	Long Term	Public Works	Completed. Dam removed with DEP grant; culverts removed. No new bridge
	4) Gardner Creek Road - Upsize culverts & upgrade with bridge	\$1,000,000	Long Term	Public Works	Deferred – Lack of funds
	5) Caribou Lake Road - Control & remove beavers and upgrade culvert	\$4,000	Completed	Public Works	Completed
	6) Annis Road – Road build up with bridge	\$500,000	Long Term	Public Works	New Project
	1) Tweedie Road - Two culverts	\$60,000	Medium Term	Public Works	Completed
Westfield	2) Miller Road - Three culverts	\$40,000	Medium Term	Public Works	Deferred – Lack of funds
	3) Shorey Road - Three culverts	\$10,000	Short Term	Public Works	Completed
	4) Cambridge Road - One culvert	\$2,500	Short Term	Public Works	Completed
	5) Simpson Road - One culvert	\$4,000	Short Term	Public Works	Completed
	6) Young Lake Road - Three culverts	\$6,000	Short Term	Public Works	Completed
	7) Viner Road - One Culvert	\$2,500	Short Term	Public Works	Completed

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Westmanland	1) Westmanland Road – Ditch and upsize culverts	\$15,000	Long Term	Public Works	New Project
	2) Little Madawaska Lake Road - Raise road at bridge for 500 feet, install culverts	\$33,000	Long Term	Public Works	Deferred – Lack of funds
Weston	1) Harris Hill Road - Four culverts	\$7,000	Completed	Public Works	Completed
	2) 180 Cropley Road – Upsize culvert	\$2,000	Short Term	Public Works	Completed or deemed not necessary
	3) Cropley Road south side, east of 180 Cropley Road - Ditching	\$2,500	Short Term	Public Works	
	4) West of 7 Cropley Road - Culvert	\$2,000	Short Term	Public Works	
	5) North of 106 Springer Road - Culvert	\$2,000	Short Term	Public Works	Deferred – Lack of funds
	6) Harris Hill Road – shoulder grading and ditch maintenance	\$7,500	Short term	Public Works	New Project
	7) Paving - Springer, Butterfield, and Dark Cove roads	\$245,000	Short Term	Public Works	New Project
	8 Harris Hill Road – Reconstruct road base and surface on eastern half of road	\$400,000	Medium Term	Public Works	New Project
Winterville Plantation	1) Goss Brook - Culverts and guardrails	\$25,000	Medium Term	Public Works	Deferred – Lack of funds
	2) Red River Road - Culverts and guardrails	\$75,000	Long Term	Public Works	Deferred – Lack of funds
	3) North Shore Road - Culverts and ditching along both sides of roadway	\$20,000	Long Term	Public Works	Deferred – Lack of funds
	4) Station Road – Culvert	\$10,000	Short Term	Public Works	Deferred – Lack of funds

AROOSTOOK COUNTY HAZARD MITIGATION PLAN – 2021 Update

Town Aroostook Co.	Project (in Priority Order)	Estimated Cost	Time Frame	Responsible Agency	Status
Woodland	1) McIntyre Road - Elevate road & install 1, 36" culvert	\$15,000	Long Term	Public Works	Deferred – Lack of funds
	2) Sealander Road - Upsize culvert, rip rap & install guard rail	\$23,675	Completed	Public Works	Completed 2005; DR-1371 HMGP grant
	3) Skidgel Road - Elevate road	\$15,000	Long Term	Public Works	Deferred – Lack of funds
	4) Pratt Road - Elevate road	\$25,000	Long Term	Public Works	Deferred – Lack of funds
	5) Langley Road - Upsize culvert, add rip rap	\$25,860	Completed	Public Works	Completed 2005; DR-1371 HMGP grant
	6) Davis Road - Elevate road	\$25,000	Long Term	Public Works	Deferred – Lack of funds
	7) Everett Road - Elevate road and install one culvert	\$20,000	Long Term	Public Works	Deferred – Lack of funds
	8) Thibodeau Road - Ditching along both sides of road	\$15,000	Short Term	Public Works	Deferred – Lack of funds
	9) Brown Road - Ditching	\$20,000	Completed	Public Works	Completed