

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. 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
	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

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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
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

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(Cyr Plantation)	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
	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

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(Fort Kent)	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	Completed in 2015
	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
	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

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(Frenchville)	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
	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

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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
	(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

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(Island Falls)	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
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

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(Littleton)	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
	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

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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
	4) Generator(s) – Install generators as needed at critical facilities	\$10,000	Short Term	Contractor	Completed

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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
	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

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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 Term	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
Westfield	1) Tweedie Road - Two culverts	\$60,000	Medium Term	Public Works	Completed
	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