

**Vermont Fish and Wildlife Department
Proposed Capital Projects Fiscal Year 2020-2021**

Division/Program	Location	Description	Estimated Cost	Prior Funding	Balance Needed	FY20 Allocation	FY21 Allocation
Access Area	Statewide	Fishing Access Improvements Replace or upgrade up to 5 boat ramps or purchase new courtesy docks to improve accessibility across the state.	\$150,000	\$0	\$150,000	\$100,000	\$50,000
Camps	Woodbury	Several maintenance projects need to occur, including demolishing the old outhouses--the new center bathrooms and bathhouse supply adequate toilets, a generator is needed of the dining hall to provide power for water/sewer during power outages, the old garage is in serious need of repair. These items have been postponed from previous years.	\$80,000	\$0	\$80,000	\$80,000	\$0
Camps	Castleton	The driveway and parking lot at Kehoe has long been in need of repairs. These funds allow for a permeable "green" parking lot construction to minimize stormwater runoff, and for a careful relocation of the driveway entrance. Additionally the historic Kehoe cabins are showing their age and require thoughtful repair, including releveling them on their platform and replacing one or two that are the most worn.	\$150,000	\$0	\$150,000	\$0	\$150,000
Camps	Castleton	Several pieces of kitchen equipment are reaching replacement age, and the walk in freezer has been in continuous need for expensive repairs.	\$40,000	\$0	\$40,000	\$0	\$40,000
Department Buildings	St. Johnsbury	Roof replacement. Fish and Wildlife spent a fair bit of money last summer to upgrade the building to fire code, which included all new sheet rock on the ceiling. There is leaking around some of the vents going through the roof. The asphalt shingles are really peeling up and in bad shape. The roof has been on the building for several years and could be the original shingles. That would make them well past their useful life.	\$57,000	\$0	\$57,000	\$57,000	\$0
Department Buildings	Milton	Complete garage renovations (repairing / replacing trim / shingles)	\$1,100	\$0	\$1,100	\$1,100	\$0
Department Buildings	Castleton	Kehoe residence window replacement - replacement of 7 deteriorated windows	\$5,700	\$0	\$5,700	\$5,700	\$0
Department Buildings	Essex	Replace Roof on the 2 large sections of the building with Standing Seam Metal Roofing This is to replace the original roof installed in 2000. The lower roof section above the entrance are being replaced this summer.	\$50,000	\$0	\$50,000	\$50,000	\$0
Department Buildings	Essex	Clean, Repair, recall and repaint Essex FW Building The Essex office was built in 2000 and has never been painted since initial construction. Currently there are a few minor clapboard repairs but if not resealed and painted repairs cost will quickly increase.	\$22,000	\$0	\$22,000	\$22,000	\$0
Education	Addison	Develop interpretative signage and trail work for a self-guided tour; provide AV for education room	\$45,000	\$0	\$45,000	\$45,000	\$0

Division/Program	Location	Description	Estimated Cost	Prior Funding	Balance needed	FY20 Allocation	FY21 Allocation
Fish Culture	Bennington	Repaint Bennington Hatchery residence - Existing paint deteriorating and needs to be redone	\$6,500	\$0	\$6,500	\$6,500	\$0
Fish Culture	Bennington	Replace Bennington Hatchery residence garage - Existing residence garage is no longer safe and in need of replacement (rotten rafters, cracked foundation, electrical upgrade needed).	\$60,000	\$0	\$60,000	\$0	\$60,000
Fish Culture	Newark	Safety improvements to Bald Hill hatchery grounds - After an outside safety audit, a number of areas were identified for improvement with regards to safety. Funding would include installation of safety infrastructure at the facility to address areas outlined in the external audit (walkway to safely access stream intake, grating over confined spaces, railing / fencing installations around walleye ponds, etc.)	\$10,000	\$0	\$10,000	\$10,000	\$0
Fish Culture	All Fish Culture Stations	Stocking truck salmonid tank fabrication - Hatchery truck stocking tanks have not been replaced in over 20 years. Tanks are showing signs of old age, leak, and are falling into disrepair. Current hatchery truck stocking tanks would be replaced with insulated metal stocking tanks.. Note: A previous allocation for FY18/19 was received for this project (approx. \$60,000), however, due to significant increases in the cost of aluminum, additional funding is needed to completely rotate all old fish stocking truck tanks.	\$168,856	\$58,856	\$110,000	\$110,000	\$0
Fish Culture	All Fish Culture Stations	Heavy Equipment / Construction Machinery purchases - Purchase a number of pieces of heavy machinery (i.e. tracked skidsteers, genie lift, tractor w/ excavator attachment, forklift) and associated attachments (loading forks, bucket, snowblower, power ram, backhoe, sander, etc.) to provide in house capacity to do larger scale maintenance and construction projects at the five fish culture stations.	\$450,000	\$0	\$450,000	\$405,200	\$44,800
Fish Culture	Grand Isle	Main pipeline refurbishment / replacement - The main water supply lines for the EWFCs are in need of repair / replacement due to corrosion / deterioration.	\$160,000	\$0	\$160,000	\$0	\$160,000
Fish Culture	Roxbury	Start tank epoxy repair - Concrete start tanks in the hatch house are approaching 40 years of age and are deteriorating beyond routine maintenance. Work would include sandblasting and resealing the tanks with epoxy to preserve the useful lifetime of the tanks. Additionally, resurfacing would fill in concrete pitting which serve as a vector for fish disease. The timing of this project would occur with the rebuild of the facility, while the facility is offline to avoid disruptions in production in later years.	\$50,000	\$0	\$50,000	\$50,000	\$0
Fish Culture	Bennington & Salisbury	Aluminum dam board fabrication - Fabrication and fitting of old wooden dam boards (which are vectors for fish pathogens) with new aluminum dam boards.	\$75,000	\$0	\$75,000	\$0	\$75,000
Fish Culture	Bennington	New headbox drain / new pond headers - Work to install headbox drain at the existing hatchery headbox to remove fecal material from hatchery more effectively and prevent fish pathogen issues. New pond headers would replace existing leaking pond headers which compromise overall fish rearing pond integrity.	\$400,000	\$0	\$400,000	\$0	\$400,000
Fish Culture	Newark	STT Building repair / expansion - One gable end wall of the current steelhead rearing building has extensive rot and will need to be repaired. Work would also entail expanding the building to allow for extended fish care throughout the winter to protect them from the elements and increase survivals prior to going outside.	\$20,000	\$0	\$20,000	\$0	\$20,000

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Fish Culture	Grand Isle	Main intake pump downsizing - Due to decreased water usage at the facility due to energy efficiency upgrades, main water pumps can be downsized to create additional operational savings in the long term	\$70,000	\$0	\$70,000	\$70,000	\$0
Fish Culture	Grand Isle	Bulk propane tank plumbing replacement / inspection - Bulk propane tank delivery lines and gauging are beyond existing operational expectancy. Work would also include tank and line inspection.	\$35,000	\$0	\$35,000	\$0	\$35,000
Fish Culture	Bennington	Roof shingle replacements (shop, hatchery, office buildings) - Shingles are approaching 30 years and the end of their lifetime. Work would entail replacing the roof shingles to meet SHPO standards	\$45,000	\$0	\$45,000	\$45,000	\$0
Fish Culture	Bennington	Driveway resurfacing - Replace the existing blacktop driveway which has been significantly deteriorated beyond repair	\$22,000	\$0	\$22,000	\$0	\$22,000
Fish Culture	Bennington	Facility garage door replacement - Replacement of existing deteriorated, rotting garage doors with new, historically accurate garage doors.	\$15,000	\$0	\$15,000	\$15,000	\$0
Shooting Ranges	Hartland	The project entails excavation and removal of lead projectiles from a sand berm at the western end of the primary shooting lane. All lead waste will be properly containerized and shipped for recycling. Affected areas will be seeded and mulched with erosion control matting.	\$11,500	\$0	\$11,500	\$0	\$11,500
Shooting Ranges	Hartland	Move existing handgun earth berm back 10 yards. Add 40 ft. of culvert to existing. Add 2 pairs of buried pipe to accept target stands. Concrete slab for pistol benches, move and reinstall handgun bench, dig out 6" Material, pour 6" concrete slab	\$55,000	\$0	\$55,000	\$55,000	\$0
Shooting Ranges	Woodbury	The two shotgun shooting areas need to be extended and fence installed around them to keep separate from rifle range	\$2,250	\$0	\$2,250	\$0	\$2,250
WMA Management	Statewide	Maintain, enhance and develop existing and new infrastructure on Wildlife Management Areas (WMAs) to support public access, habitat management and species conservation including: roads, parking areas, information kiosks, bridges, culverts, water control structures, buildings, fences, gates. This is a routine cost to the Department. We own 93 WMAs consisting of 145,000 acres of land. We support hundreds of miles of roads, hundreds of bridges and culverts, numerous buildings, among other infrastructure. In order to effect proper habitat management and provide safe, reliable, enjoyable access for the public, it is important that we be able to maintain this infrastructure.	\$50,000	\$0	\$50,000	\$25,000	\$25,000
WMA Management	Statewide	Improved public access will range from small roadside pull offs, to parking areas, to boardwalks, and significant road upgrades.	\$116,950	\$0	\$116,950	\$25,000	\$91,950
WMA Management	Addison	Complete project to replace a workshop at Dead Creek WMA. Current facility has been deemed structurally unsound. This is a project that was funded during the last capital bill cycle, but unanticipated expenses associated with addressing contaminated soils have resulted in the need for additional funds.	\$435,000	\$350,000	\$85,000	\$85,000	\$0

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WMA Management	Addison	The dilapidated Jerome barn on the WMA is structurally unsound, not used by the VFWD, and is a safety hazard. VFWD wishes to remove this structure. Removal of this structure is a necessary precursor to the public access and viewing improvements listed below.	\$25,000	\$0	\$25,000	\$0	\$25,000
WMA Management	Weyerhaeuser property in northeast Vermont	Support legal requirements for ANR (both DFW and FPR) to pay 50% of road maintenance costs for roads on Plum Creek land that are available for and support public access and travel.	\$75,000	\$0	\$75,000	\$37,500	\$37,500
WMA Management	Milton	Address long-term maintenance needs for a workshop used by the fisheries, wildlife, and law enforcement divisions including replacing siding, windows, overhead doors, entry doors, and insulation. This workshop is in close proximity to the Essex district office and affords important space for equipment maintenance, herbicide storage and mixing, necropsies, fish lab work, and carcass storage (a walk-in freezer and 2 chest freezers). The storage bays support boats and snowmobiles for all 3 divisions. It provides a bathroom for staff who are working on the premises. The building is structurally sound and only requires some routine maintenance and upgrades to more contemporary standards.	\$50,000	\$0	\$50,000	\$0	\$50,000
			\$3,008,856	\$408,856	\$2,600,000	\$1,300,000	\$1,300,000