

CITY OF CLAREMONT - CAPITAL IMPROVEMENT PROGRAM, - FY 2022-FY 2027, DFT Jan 5, 2021, FNL Jan11, 2021

CIP Spreadsheet Jan 11, 2021
Priority - Master Plan

ATTACHMENT B
1/11/2021 Planning Board Minutes

	PROJECT TITLE 2022	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE
a	b	c	d	e	f	g	h	i	j	k
#	PLANNING & DEVELOPMENT	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE
1	Weatherization: Replace insulation & install insulation cap	The insulation & vapor/air barrier in the attic space should be replaced. The attic accesses should have a cap made out of insulation board.	Install insulation, vapor barrier on installation, seal air lakes and weatherize the attic hatches	1	3	1	2	3	2	11
2	Building Repair at Visitors Center for Replacement of Boiler & Ductless System	Heating & cooling is not consistent. The forced hot water units do not work & need to be replaced.	Install a new A/C system and a ductless and boiler system	3	2	1	3	3	2	11
3	Building Repair Visitors Center – Front Door and Entry Area	The front entry covered porch area has settled. Improper flashing details allows water infiltration. Frost has caused the entry slab to push against the flooring. The floor in the vestibule heaves and causes the door to stick. The door catches on the top of the frame.	Repair foundation of the front entry , Flash the roof correctly, rebuild the inner floor, repaint the trim.	2	2	1	1	2	2	8
5	Roof Replacement	The roof shingles need to be replaced. There is rot in the dormer siding & trim, and crown molding.	Remove all dormers, siding trim and shingles. Provide water shield, architectural shingles, new siding & trim and crown molding and paint	2	2	1	2	2	2	9
6	Riverfront Park	To continue the plan and design of future uses of river front land abutting the Visitor Center Green,	The land and building remnants are environmentally unsafe. Site and environmental plans and design need to be implemented to build the park.	1	3	2	2	2	3	12
FIRE DEPARTMENT										
	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE	
1	Self-Contained Breathing Apparatus for firefighting personal (SCBA)	Upgrade outdated breathing equipment	Upgrade outdated breathing equipment	3	3	2	3	3	1	12
2	Controlled Intersection Traffic Signal Upgrade	Replace and upgrade control system electronics and below grade electronic cable network.	Replace and upgrade control system electronics and below grade electronic cable network.	3	3	3	3	3	2	14
3	Aerial Utility Bucket Truck	Replace existing 1999 International Truck Chassis and Aerial Bucket.	Replace existing 1999 International Truck Chassis and Aerial Bucket.	3	1	1	1	2	1	6
4	Pumper/Rescue Replacement	Scheduled replacement of current 2000 model year	Scheduled replacement of current 2000 model year	3	3	1	3	3	1	11
5	Fire Station Front Ramp and Parking Lot Rehabilitation Project	Rehabilitate existing parking lot and front ramp	Rehabilitate existing parking lot and front ramp	2	2	1	2	1	2	8
6	Restroom/ Bathroom Rehabilitation	Gender diversification of fire station living quarters	Gender diversification of fire station living quarters	1	1	3	1	2	2	9
PARKS & RECREATION										
	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE	
1	Barnes Park Renovations	Barnes Park Grandstand is in need of upgrades. The maintenance shop is inadequate. Restoring and add new field seating. include the changing rooms and ADA compliant bathrooms	Replace existng maintenance shop and public bathrooms. Add to the Grandstands. Add turf field for soccer, football, baseball.	Low/Medium	1	1	2	2	2	8
2	Broad Street Park Restoration	Broad Street Park needs a full restoration. A program is needed in the park space. Plant new trees, add to patio section around WW II monument. Install new benches.	Maintenance & Safety concerns of existing sidewalks	Medium/High	2	1	2	3	2	10
3	Monadnock Park Tennis Courts	Monadnock tennis courts require complete replacement and new construction . Replace the courts to 4.	Maintenance & Safety concerns for Monadnock Park Tennis courts	High	3	1	3	3	2	12
4	Monadnock Park Track	The Monadnock Track was resurfaced in 2017 and will need to be redone in 10 to 15 years from the time it was done.	Maintenance & Safety concerns fro Monadnock Park Track.	High	3	1	2	2	1	9
5	Moody Park Tennis Court to Pickleball conversion	The Moody Park Tennis courts need to be reconstructed. Replace the 2 unusable tennis courts at Moody Park with 1 basketball court and 4 pickle ball courts.	Maintenance & Safety concerns. Courts are currently closed. To be repurposed as Pickball	High	3	1	3	3	1	11
6	Moody Park Trail Phase 2	Preform a trail maintained plan that outlines improvements to existing trails and outlined areas and costs to add new trails that would promote year round activity within the park.	Maintenance & Safety concerns with drainage issues , bridge repairs and new trail.	High	2	1	2	2	1	8
7	Outdoor Restroom facility	Add concrete bathroom facilities to our parks that are either hooked up to sewer or a vault we will see a savings in the near future of installation.	Savings with new outdoor restrooms.	Medium/High	2	1	3	3	2	11
8	Park Maintenance Facility	Construct a 32 ft by 80ft maintenance shop for parks and recreation equipment maintenance, storage and repair space and would have bathroom facilities	Need for an updated maintenance facility. One for all depts.	High	3	1	1	3	1	9
9	Park Pavilions	Park facilities are in need of Pavillion shelters for public use. Could provide revenue as shelters and public functions	Install pre engineered open air pavilions at all parks . To be approx. 300 sf with concrete floors and electricity for lights and outlets.	Low Medium	1	1	2	2	1	7
10	Parking Lot at Arrowhead	Reconstruct Parking Lot and Future Paving at Arrowhead and add new material and improve drainage and include sidewalks and improved lighting.	Parking at the CSBCC is a concern during peak periods from Mid-November through April.	Medium	2	1	3	2	2	10
11	Playground Equipment restoration and replacement	Upgrade and replace the ageing play structures at Barnes Park, Veterans Park and Moody Park .	Maintenance & Safety concerns for playground equipment.	High	3	1	2	2	2	10
12	P&R Paving Projects	The current parking facilities are deteriorating asphalt material or chip seal product that require replacement.	Parking areas at Barnes, Moody, Veterans and Moindnock Park are in need to newly paved lots.	Medium/High	2	1	2	1	1	7
13	Rail Trail Project	Approx 2,220 feet of rail trail to be renovated with new surface from Chestnut St to the rail road bridge and 6,054 feet to be renovated from O'Reilly Auto to the gate on Washington street.	Project will cut vegetation, regrade trails, add stone dust and signage.	High					inc	inc
14	Splash Pad	A splash pad/park would replace the outdoor pool that was once at Veterans Park and pad provides a Variety of recreation and leisure opportunities for all ages and is less costly to manage and operate.	Outdoor splash pad uses less water with wider population and less maintenance.	High	3	1	2	3	2	11
15	Sports Field Lighting project	Replace existing structures at Barnes and Veterans. Install new sports field lighting at Monadnock baseball and softball fields. To include poles and control system.	Lighting systems at Veterans, Barnes and the Monadnock fields need upgraded lights .	Low/Medium	1	1	2	1	1	6
LIBRARY										
	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE	
1	Replace Main Floor Carpeting	Replace 20+ year old carpeting on main floor of Fiske Free Library using carpet tiles of appropriate color and durability for a high traffic area.	Carpet is worn and thin.	1	3	1	2	1	1	8
2	Replace Downstairs Library Flooring	Replace the Children's Room carpet and tile flooring in the Gilmore Room, chapter book room and Cataloging office.	Carpet and Tile flooring is worn and unsightly.	2	3	1	2	2	1	9
3	Replace Library Shelving	Replace the old library shelving on the main floor of the library.	Shelving is unattractive , worn, and some is very old	3	2	1	2	2	1	8

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	CITY HALL	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE
1	City Hall and Opera House Window Replacement	Replace deteriorating, non-functional and inefficient windows	Existing windows are in need of replacement	HOLD						
2	City Hall Atrium / Court Enclosure	Enclose third floor at the Court entrance to increase energy savings.	Existing space at the third-floor court security is an open-air space to the entire glass atrium where sound and ambient temperature interfere with the space. Enclosing this space would provide a better work environment	medium	2	1	1	2	2	8
3	City Hall Fire Exit Stairs Brownstone	City Hall / Opera House Fire Exit Stairs on South elevation	The landing and stairs at this exterior fire exit are rapidly deteriorating and are in need of repair to match the historical nature of the brownstone patina.	High	3	2	3	2	2	12
4	City Hall Opera House Stairwell Railings	Increase patron safety and meet current building code for railing height.	Existing railings are too low to meet current building code and present a danger to patrons	High	3	1	3	2	1	10
5	Leaking Roof City Hall Roof C Replacement	Replace deteriorating, leaking roof.	Existing roof in need of replacement. Deterioration, health hazards, damage to existing building and energy losses.	High	3	1	3	2	3	12
6	City Hall Roof D Replacement - Leaking	Replace deteriorating, leaking roof.	Existing roof in need of replacement. Deterioration, health hazards, damage to existing building and energy losses.	High	3	1	3	2	3	12
7	City Hall Roof E Replacement - Police Dept and Court	Replace deteriorating, leaking roof.	Existing roof in need of replacement. Deterioration, health hazards, damage to existing building and energy losses.	High	3	1	2	2	3	11
8	City Hall Roof F Replacement - Over woman's locker	Replace deteriorating, leaking roof.	Existing roof in need of replacement. Deterioration, health hazards, damage to existing building and energy losses.	High	3	1	2	2	3	11
9	City Hall Roof H Replacement - Leaking Roof	Replace deteriorating, leaking roof.	Existing roof in need of replacement. Deterioration, health hazards, damage to existing building and energy losses.	High	3	1	2	2	3	11
10	City Hall Opera House Stage Door Wall Construction	City Hall Opera House Entrance to Opera House Stage from Level 5	Existing stage exit door to atrium to a clear path to the elevator.	High	3	1	1	1	1	7
11	City Hall Opera House Door from Stage to Roof	Replace existing Loading door with framed in 42" service door to roof	Existing door is the original loading door to the stage that is oversized and no longer needed. It bleeds energy all seasons and should be replaced with a 42" service door and framed in and insulated.	High	3	1	1	1	1	7
12	City Hall Brownstone	Historical preservation of the Brownstone stairs and first course on the west and south entrances	Stairs are separating and in need of repair to match the historic nature of the brownstone patina.	High	3	2	3	2	2	12
13	City Hall Opera House Catwalk	Needs reinforcement to safty.	Existing catwalk is in need of reinforcement	High	3	1	2	1	1	8
	DEPARTMENT OF PUBLIC WORKS - Highway	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE
1	Paving and Road Work Improvements (city wide)	Maintain the integrity of the city's streets and roads	DPW maintains 132 miles of paved roads and 320 streets. Historic data reads for every 30 years +/- 40 + roads are accepted, with 119 between 1931 and 1970, and only 16 in the past 60 yrs. Current cost to maintain is repair is \$10,000 per mile	High	3	2	2	3	3	13
2	Bridge Repairs	Maintain the integrity of the city's bridges	There are 10 city owned bridges that must be maintained. Seven rebuilt over 45 years ago with only 3 less than 30 years ago.	High	2	2	3	3	3	13
3	Coy Bridge (TYP)	Replace Coy Bridge - per order of NH DOT- Bridge Design Bureau	DOT has placed the Coy Bridge on the Red List. The overlay is cracked , has inadequate reinforcing steel, the girders are fatigued.	High	3	3	3	2	3	14
4	Bible Hill Culvert- Fish Weir	Maintain the Integrity of the culvert	The fish weir must be completed Per NHDES regulations the fish weir , shoring of the bank, obtain easements and possibly purchasing the land.	High	3	2	2	1	2	10
5	Washington St Twin Culverts	Obtain funding to repair failing culverts in a high traffic city area	Two culverts under Washington St are rooted at the bottom. To control flooding by the two culverts Slip lining them is the least disruptive method	Medium	2	1	2	2	2	9
6	Tyler Brook Corridor	To move Tyler Brook out of the APC facility	Tyler Brook crosses under the APC Paper Company. The flows have caused continues damage and flooding, at the expense of APC. Funding can relocate the water flow.	High	3	3	3	2	3	14
7	Summer St Reconstruction (road only) All three division)	Upgrade Summer St from its intersection w/Pleasant St to the intersection with Mulberry St	Summer St has not been paved for many years. It has deep pot holes, caved in sidewalks and curbs. Underground utilities need to be repaired prior to a road upgrade.	High	3	2	2	2	3	12
8	Sugar River Drive Slope Failure (Newport end)	Secure the road from falling into the Sugar River	A portion of Sugar River close to Chandlers Mill Rd is suffering a geotechnical failure. The road must be relocated to be viable.	Low	1	1	2	2	2	8
9	Lower Belding/Schmitt/W.Terrace S Reconstruction with water and sewer)	Bring all of the infrastructure up-to-date	This is a very old section of the city that is in dire need of infrastructure ,needing drainage, water sewer lines, connections and paving.	Medium	2	2	2	2	2	10
10	Charlestown Road Restoration (Road only) with others	The road needs to be widened, include turning lanes, support heavy truck traffic and allow for bicycle paths	Charlestown Rd is the new Washington St., It is undersized infrastructure and narrow lanes. Need to be widened strengthened and added bike lanes.	High	2	2	3	3	3	13
11	Ledgewood Road Drainage (after Charleston Rd)	Increase the reliability of the cites water distribution system	With the growth of Charlestown Rd and new homes , increased water capacity is necessary and flooding needs to be addressed.	High	2	2	3	3	3	13
12	Re-Build Sidewalks City Wide	Restore City sidewalks	Claremont has 35 miles of sidewalks, with 80 % listed as Hi Priority from a HUD Grant in 2012.	High	3	3	3	3	3	15
	TOTAL									
	WATER DEPARTMENT	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE
1	Water Main Upgrades	Increase the reliability of the city's water distribution system	City Water system is old and needs upgrades. Turbidity and sediment adhere to the pipes, diminished flow and quality as well as compromise fire protection and drinking water liability.	High	3	3	3	2	3	14
2	North & Main water improvements	Water improvements to coincide with the NHDOT project	The intersection of North and Main is being rebuilt. A new water line and additional line from Bank Ave St need to be done prior to the road work.	High	3	3	3	2	3	14
3	Summer St - replace old water lines from Pleasant St to Mulberry St	Replace the old existing water lines dating back to 1912/1967	Water and sewer lines need to be rebuilt prior to road work on Summer St. Many lines and connection are on private property which is difficult to maintain.	Extra Medium	3	2	2	2	3	12

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4	Lower Main St infrastructure replacement (TYP)	Infrastructure replacement prior to the grant award from Upper Valley Lake Sunapee Planning Commission	The Ten year Plan has part of Man St is on the Ten Year Plan. This will be in two sections, adding bicycle paths, sidewalks and street parking.	High	3	3	2	3	3	14
5	Charlestown Rd undersized water main replacement	Replace undersized water lines	With the growth of traffic and business on Charlestown Rd the water liens need to be replaced from 8" to 12 " lines. They are 70 years old.	Medium	3	2	3	3	3	14
6	Lower Belding , Schmitt, West Terrace St's infrastructure rebuild	Rebuild infrastructure	Lower Belding, Schmitt and West Terrace are planned to be rebuilt. The water and utility lines are under the road, and are over 70 years .	Low	2	2	2	2	2	10
7	Clay Hill & Roosevelt water line replacement	Increase capacity and improve water service	Water is supplied by a 2 inch pipe that goes through private property and is lead lined. It should be removed and replaced in the City ROW with a new 2 " pipe.	Medium	2	2	2	2	2	10
8	Solar Array installation at the Water Treatment Plant	Reduce/eliminate electric bill	A tremendous saving on electricity to run the water plant would be gained earth a 191,000 kW solar array. Payback would be 11.3 years.	High	3	1	3	1	3	11
9	Whitewater Pipe cleanup of sediment and weeds	Clean the sediment and weeds from the water line	The pipe is over 100 yrs. old, gets clogged up and looses water. Cleaning the pipe will greatly increase flow, and possibly have room for a turbine for electric power.	Low	1	1	2	1	3	8
10	Replace Whitewater Pipe	Replace the pipe that carries raw water from the Whitewater Reservoir to the Water Treatment Plant	The pipe is over 100 year old and needs cleaning and patching. This second option would be in use for a great many years, and if sized properly, to hold an electric turbine.	Low	1	2	2	2	3	10
11	Water Tank Repairs	Secure the quality and volume of stored water for the City of Claremont	The two water tanks need repairs with cleaning, rust removal sanding and repainting. Divers will be in the tank to do the work.	High	3	2	2	2	3	12
12	20" Main River Crossing	Provide reliability in the water system	A 20" water pipe is vulnerable and may break without the City knowledge. It needs to be relocated and replaced.	Low	1	2	2	2	2	9
13	Dam repairs and Forestry management	Secure the safety of the dams and control the vegetation	Repairs to the Whitewater, Dole and Rice reservoirs are needed on the dams.	High	3	3	3	3	3	15
14	Provide a Water Turbine in the water system	Sell electricity to the grid	A water turbine in the lines coming from the reservoir could provide electricity to help power the plant at much lower costs.	Medium	2	1	2	2	2	9
TOTALS WATER DEPARTMENT										
SEWER DEPARTMENT										
	PROJECT TITLE 2022	PURPOSE OF REQUEST	DESCRIPTION / JUSTIFICATION	PRIORITY	CRIT 1	CRIT 2	CRIT 3	CRIT 4	CRIT 5	TOTAL SCORE
1	Camera Sewer Infrastructure	Create a better understanding of the condition of our respective sewer lines	City wishes to develop a program contracting an outside source to provide video data of our sewer infra structure. The sewer dept would then create an asset management plan.	High	3	1	2	2	2	10
2	Annual Infiltration Pipe Repair	Repair sewer infrastructure as defined in the newly created asset management plan	When problems are defined the sewer department will address/repair the sewer infrastructure.	High	3	1	2	2	1	9
3	Sewer Main Upgrades	Create a pro-active approach to the needs of the sewer infrastructure	The sewer dept would take an active approach to issues defined in the asset management plan> These would address the most critical needs of the entire sewer system.	High	3	1	2	2	1	9
4	Charlestown Rd water system upgrades	Work in conjunction with the road and water system projects on the Charlestown Road	In conjunction with the new road and water line work the sewer dept looks to replace the existing 6" lines with 10 " lines on Charlestown Rd. Will allow for adequate growth for future businesses.	High	3	2	3	3	3	14
5	Lower Main St (Esersky Bridge to Citizens Bridge water and sewer upgrades	Replace aging and undersized sewer lines	The City looks to receive a \$3,800,000 grant from the State Ten year plant for lower Main St . The sewer department looks to replace the existing sewer lines. Most date from the 1950's	High	2	2	2	2	3	11
6	Lower Belding/Schmitt & West Terrace aging infrastructure replacement	Replace aging infrastructure	DPW looks to do a complete rebuild of Belding, Schmitt and West Terrace. This would replace sewer lines dating from the 1950's.	Medium	2	2	2	2	3	11
7	Summer St water line replaceme	Replace old sewer lines dating back to 1912/1967	Prior to paving Summer St the Sewer Dept must rebuild the water and sewer lines . Two lines exist and run under private property on the north side of Summer St	High	3	2	2	2	3	12
8	WWTP Electrical upgrades	Address electrical needs @ the Wastewater Treatment Plant	Electrical upgrades are necessary to accommodate a generator suitable to operate the plant. Twenty one items are listed for upgrades.	High	3	2	2	2	2	11
9	WWTP - Upgrade the waste water plant sludge dryer	Reduce the cost of removing waste material	No landfills in the US will take sludge. It is trucked to Canada. A new sludge dryer would reduce the weight for a savings of \$54,000.	Medium	2	2	2	2	2	10
10	WWTP - Screw Press	Reduce the cost of removing sludge	No landfills in the US will take sludge. It is trucked to Canada. A new sludge dryer would reduce the weight for a savings of \$332,000.	High	3	2	2	2	2	11
11	WWTP - Increase the Solar Array	Reduce our Electrical Costs	The solar array would decrease the 190,000 kW per year from commercial energy suppliers. Payback would be 11.3 yrs.	Medium	2	1	2	2	3	10
Total Sewer Capital Improvements										