



AN EVENING WITH PARKS,
RECREATION & CULTURE

Providing playing fields to meet the needs of Newton athletes



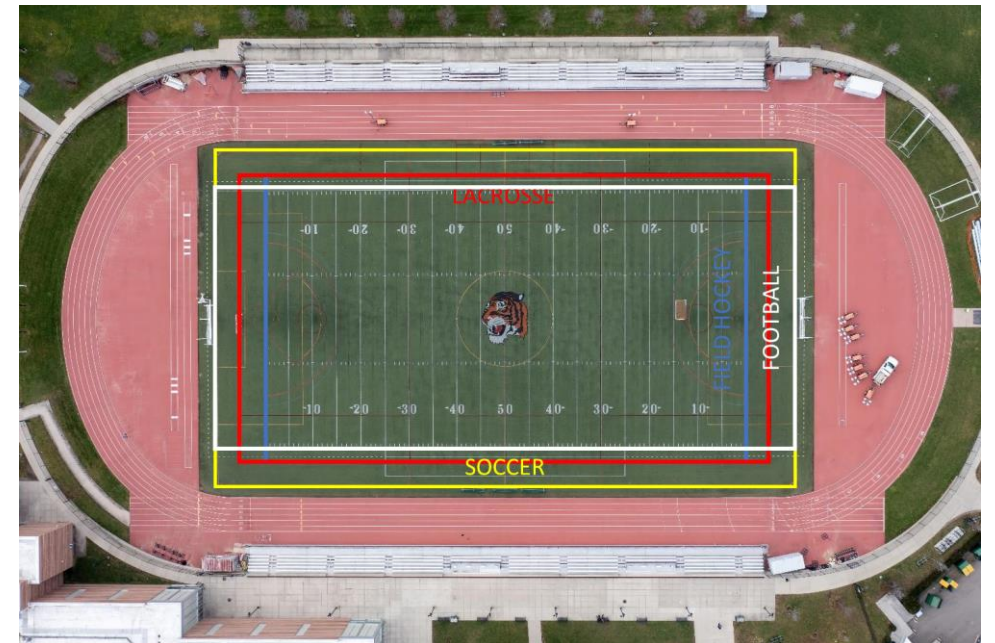
#63-23

REQUEST FOR A DISCUSSION WITH CITY STAFF REGARDING A COST-BENEFIT ANALYSIS ON GRASS FIELDS

Requesting a discussion with the Parks, Recreation, and Culture Department regarding a cost-benefit analysis of grass fields in sufficient quantity to meet Newton's demand for playing time (by user group; Newton school athletic programs, Newton Youth groups, others) vs additional artificial turf fields. This analysis should include the following; quantification of the current demand for playing fields (hours used by field), description of the scheduling system referencing the availability and cost of alternative systems if needed, quantification of field usage as a percentage of field availability, current land acreage and fields now unusable for play as a result of lack of maintenance funds and the additional annual funds needed to use these fields, the resultant playing time available if all grass fields in Newton are usable vs playing time with the addition of artificial turf at specific planned locations, the location of additional potential grass fields, whether existing or new and the impact of these locations on high school sports including added acquisition and/or transportation costs to access fields not located on high school grounds. In addition, such information should take into account the environmental impact of either artificial turf or grass field choices taking into account such things as disposal of turf, chemical contaminants within turf, and pesticides used on grass. This discussion should provide information to guide the Council in its decision for future requests for artificial turf fields.

WHY ARE SYNTHETIC TURF FIELDS SO PREVALENT?

- Spatial issues (can handle 3 times the use of a grass field)
- Cannot be overused
- Can handle multiple overlays (Lined for various sports)
- Predictable, dependable availability and playability
- Can be lighted without creating compacted, unsafe play conditions (almost 500 hours of addl. play at NSHS stadium)
- Competitive equity, between schools, between communities
- Help address limited hours to accommodate all sport needs
- Allow for more centralized play
- Allow for earlier season practice/play



RECTANGULAR ATHLETIC FIELD SEASON

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
Synthetic Turf												
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
Natural Turf (Grass)												

Light green are for times of the year where New England weather limits use

PROVIDING 2 TURF FIELDS FOR EACH OF OUR HIGH SCHOOLS

We are an outlier in terms of turf fields. We have less per capita and less per student athlete than our neighboring communities around Boston.

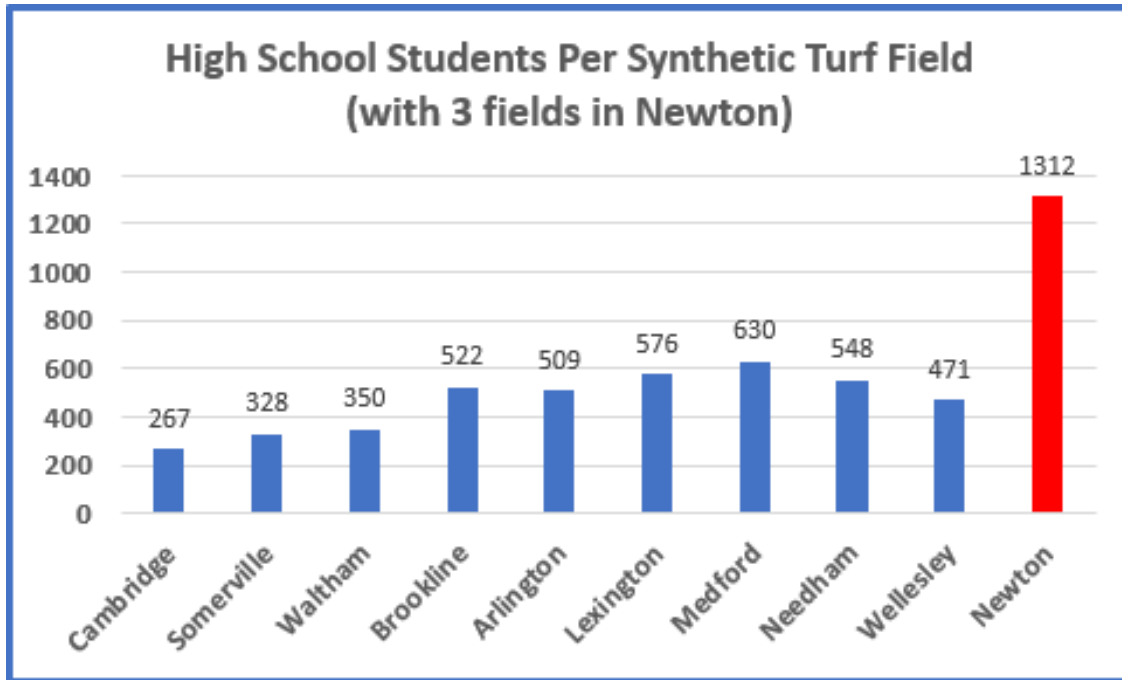
- They can handle unlimited use.
- There are more sports played today, more teams for some sports, and greater practice demands. Less travel.
- Access in early spring before grass fields are open but when schools are ready to start their programs
- The ability of our schools, who are each organizing more than 100 games per season at each school , to not have to reschedule due to weather
- All Local private schools have turf fields, neighboring communities have turf fields.



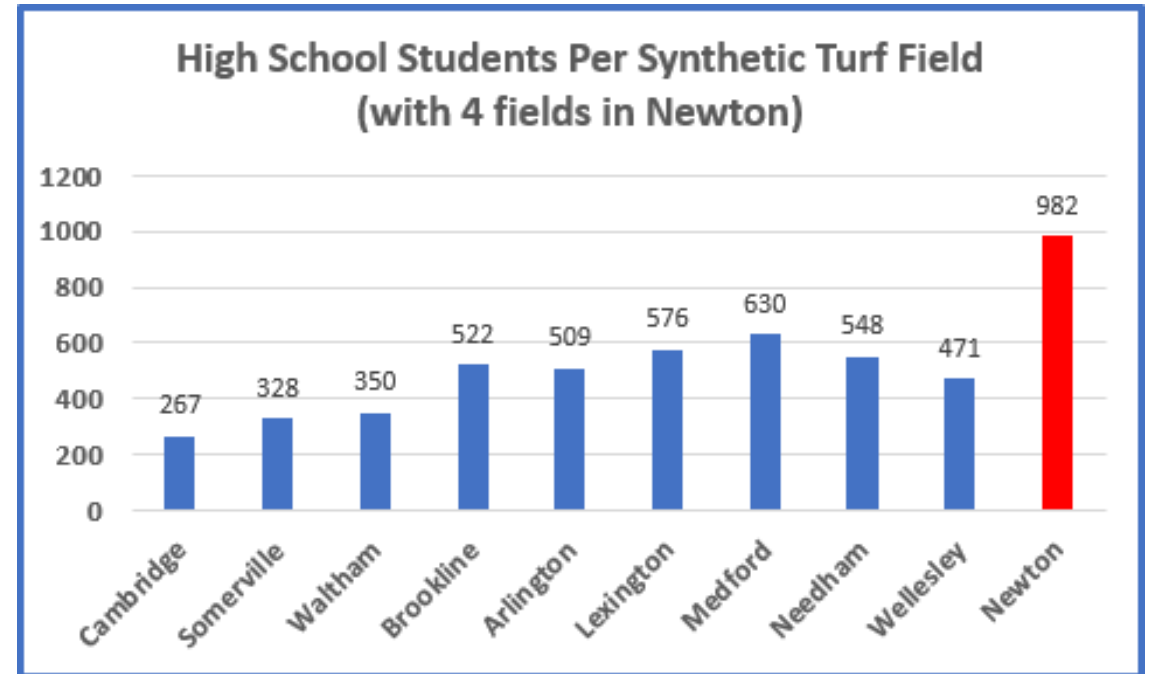
GENERAL HIGH SCHOOL FIELD NEEDS IN FALL

	<u>Needham</u>	<u>NSHS</u>	<u>NNHS</u>
Fall rectangular sports	12	12	12
▪ # of Turf Fields	3	2	1
▪ Football, soccer (b/g), field hockey			

COMPARISON WITH OUR NEIGHBORS



EXISTING



PROPOSED

RECENT TURF PROJECTS AND DIFFERENT APPROACHES

New or newly replaced synthetic turf field

- Belmont (adding 2)
- Cambridge (has 9, adding another)
- Lexington
- Needham
- Boston
- Westwood
- Chelmsford (adding 1)
- Wellesley
- Natick
- Brookline
- Watertown

Outside of Rte. 128 w/restrictions

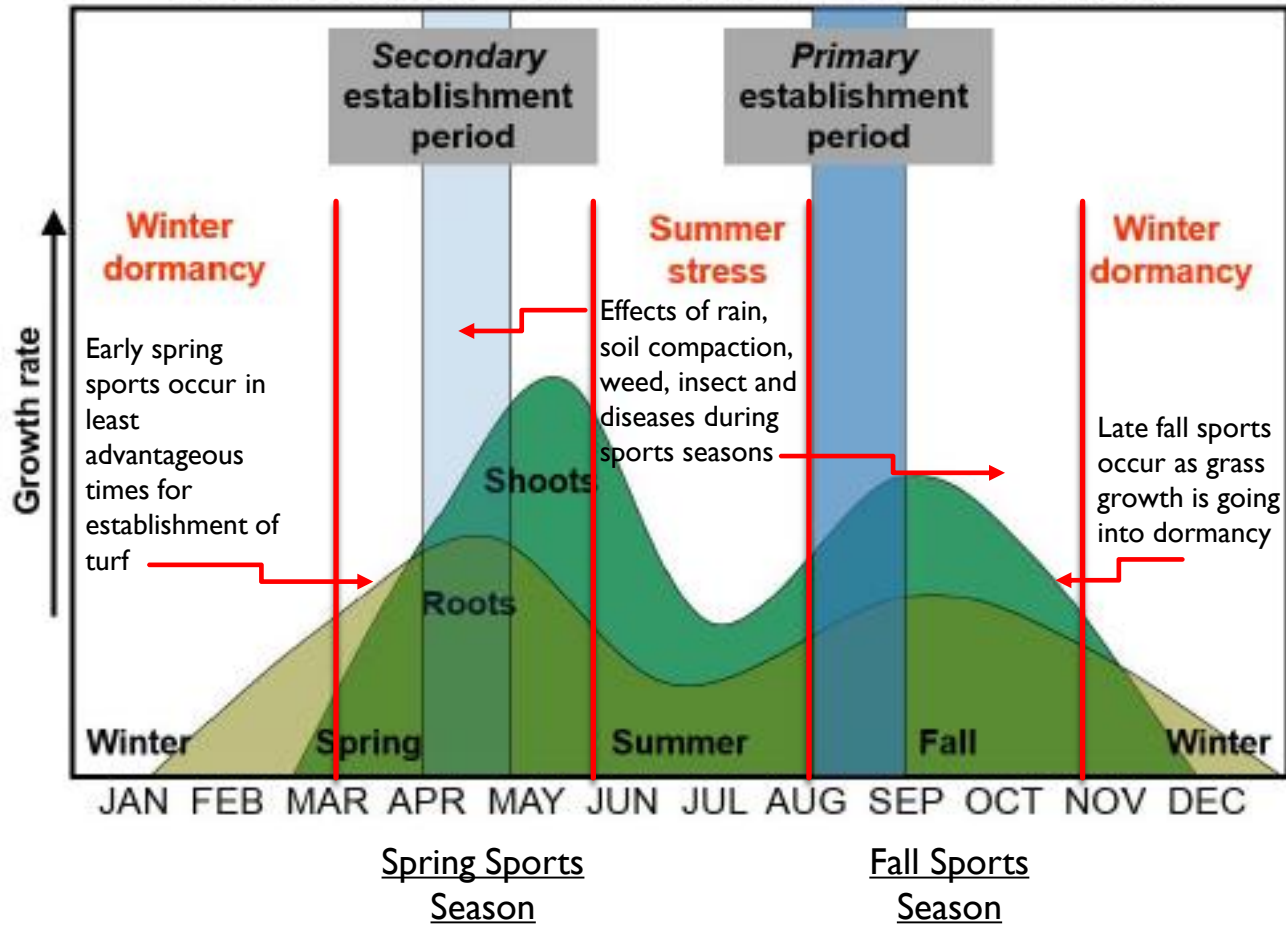
- Concord: Ban allows turf for school fields
 - Wayland: Ban allows turf for school fields
 - Springfield: Some organic fields: Has turf field for school
 - Marblehead: Organic grass: Has turf field for school
 - UMass Lowell (TURI): 2 turf newly resurface fields
 - Sharon: Moratorium expired
- ❖ Unaware of any community converting a turf field back to grass in our region

GRASS FIELD USAGE AND AVAILABILITY

- Fields unavailable until mid April, depending on weather
- Fields unavailable during or after rain events.
- Extensive use creates compaction resulting in poor drainage, worn goalmouths, and weed proliferation
- Does not allow for sports to be overlaid
- No field availability for addl. teen/adult baseball and softball groups except for late evening play at Forte Park
- No rectangular field space to offer new groups during our spring and fall seasons. (Except Sunday evening)
- Converting to a turf field minimizes the chaotic impact of weather, deteriorating field conditions, and need to reschedule games.
- Conversion doesn't add more space than what exists, though we can prioritize higher impact sports and more players can share the field.
- High School AD must also schedule around the other school's availability. Takes time away from youth sports.

THE SCIENCE OF NATURAL GRASS IN NEW ENGLAND - SPRING AND FALL SPORTS

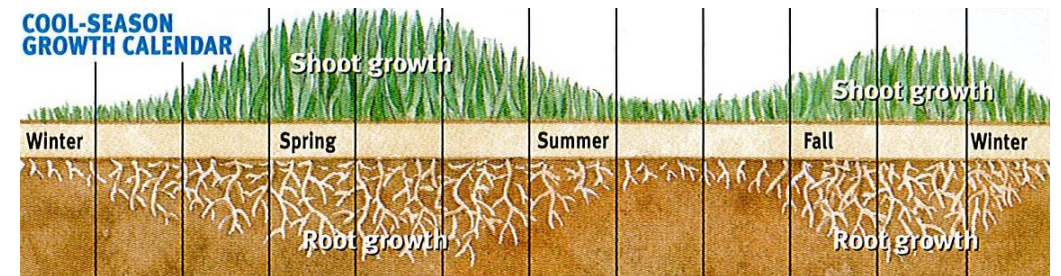
Cool-Season Turf Establishment Periods



Early spring sports occur early in the growth cycle of natural turf and fall sports occur late into the fall growth cycle.

Shoots grow best with 65°-75° air temp

Roots grow best with 55°-65° soil temp



The natural growth cycle of grass turf

MAKING SPACE FOR MORE GRASS FIELDS

- Current and upcoming expansions
 - Burr School: Expansion of usable grass field space from 1/2 acre to 5 Acres
 - McGrath: Reconfiguration of fields to improve access to rectangular fields
 - Albemarle: Reconfiguration to eliminate overlap of the ballfield and rectangular field so more fields can be used concurrently
 - Newton North HS Stadium: New sports lighting to increase hours of play each day
 - Braceland: Potential reconfiguration to improve access to fields



EXPAND IN SMALLER FIELD AREAS AROUND SCHOOLS



- Smaller playing field expansion at school lands (new Lincoln-Eliot school, Horace Mann, Franklin)
 - Unirrigated smaller fields help in fall with practices but don't meet demands for full size fields
 - Asking schools to move recess around premier playing field spaces is undesirable
 - Used by sport groups in fall out of necessity

Mason-Rice Recess field @ Newton Centre Playground

TO CONSTRUCT NEW ATHLETIC SPORT COMPLEX

- **Land Area:** An average full-size regulation high school field is an average of 2 Acres (88,00 square feet), including runout zones and supporting areas, not including spatial requirements for parking and access.
- **Parking:** (1 Acre) Accommodate coaches, referees, athletes, spectators, and the upcoming game crowds.
- **Athletic Needs:** In 8 Acres, Newton can make significant impact to the demand and quality of fields that would otherwise require 24 acres of exclusive field space.
- **New Sites:** Competing with housing and other potential uses.



ACREAGE TO CONSTRUCT NEW ATHLETIC FIELD BY NNHS CAMPUS

- Note: yellow boxes are for demonstration only, no actual consideration for field development in these areas



COST-BENEFIT

Conversion to synthetic turf

- \$2M +/- , \$700k every 10 years
- Other Considerations/impacts
 - Changes nature of open space area
 - Waste/reuse/recycle
- Need to resurface every 10 years
- All the benefits cited previously

Land acquisition and development (Grass)

- Land (5 acres) with houses? Require soil mitigation?
 - Tree clearing \$\$
 - Eminent domain taking private property/houses \$\$\$\$
 - Removing land from other potential uses: housing
- Other considerations/impacts
 - Parking, Lighting, Traffic generated to new areas
 - Increased water use, fertilizer, IPM, mowing
- Requires additional staff (wages/benefits)

ANNUAL MAINTENANCE COSTS

Grass (soccer field: 2 acres)

Additional grass fields one more staff person is needed

\$10K for grass management

\$5K for mowing

\$2K for leaf removal and irrigation system repairs

\$15K city water (note: majority of fields are on wells)

\$17K+ for a premier field (+ \$15K if on city water)

Synthetic Turf

\$2,250/field maintenance

- 2 staff at 2 hours per field twice monthly; seven months (56hrs)

\$5K/field Contractual costs - Approximately \$5,000 per field per year

- Deep grooming, deep clean, Gmax test/report
\$1,500 year eight (end of warranty)
\$1,200 for infield mix

\$10K annually per field (3x more availability/use than a grass field)

Replacement cost of turf: \$700K (\$70K annually over 10 years)

One staff person cost > \$70K/yr.

OTHER FACTORS:

Grass

- Irrigation (water costs and system maintenance), fertilizer* (phosphorous and nitrogen), thatching, seeding*, aeration, IPM (weed control and grub control), mowing, lining, dog and bird waste

* increases watering and mowing requirements

Synthetic Turf

- Heat: less use in summer, grass fields available if needed.
- Watering/spraying: nothing is required or done
- Reuse/downcycling

SYNTHETIC TURF MATERIALS

- NEWTON CONSERVATION COMMISSION ORDER (DEP FILE #239-942)
 - CDM Smith shall collect the samples of both carpet and infill at the factory and when the product is delivered to the site. Samples shall be submitted to a private laboratory for verification testing of chemical constituents. Newton Parks, Recreation & Culture shall submit to the Conservation Office the results of said testing.
- PFAS
 - “Shaw does not intentionally use any PFAS containing materials in our production processes and does not intend for PFAS to be present in the finished product.”
 - We have begun to analyze materials testing to verify chemical constituents per the Conservation Commission Order
- INFILL
 - We are moving away from crumb rubber product. It is going where all used tires go, landfill or reuse. We are replacing infill with TPE

SOFTWARE: FIELD MANAGEMENT SYSTEM

- Newton PRC recently audited the software system used for our program and operations management functions. Criteria evaluated: ease of use for customers/staff, integration with City finance systems, credit card processing capability with IT/Treasury security compliance standards, field scheduling and facility management.
- Department narrowed evaluation to 2 software systems (the one we had, the one we have now). The systems were deemed to be equally capable for field scheduling but the selected system was deemed superior in all other evaluated criteria.
- We do not track when a group does not use a field due to coach unavailability, or if they reschedule a game elsewhere resulting in no practice. Field schedulers for youth sports groups are volunteers.
- The software system in use is the leader in our industry within the Greater Boston region. It was not the cheapest option but was deemed superior. Several staff with outside experience have worked with other software systems and agree that the current system is fully capable for our needs.

#370-22

DISCUSSION ON FIELD MAINTENANCE PLAN

Requesting a discussion with the Commissioner of Parks, Recreation and Culture about the maintenance plan for our parks, recreation and culture resources, including recreational fields. This discussion should include an articulation of how additional funds based upon a budget increase and newly collected user group field fees in the upcoming fiscal year will be utilized. Time permitting, the discussion should also include a description of the capital projects on recreational fields that the department intends to complete in the upcoming fiscal year.

PREMIER PLAYING FIELD SPENDING ALLOCATION

- Note: Does not include water, mowing, or personnel costs

fy23	aeration	slice seeding	fertilizer	topdressing	lime	ipm	site total	site acreage	per acre cost
albemarle	\$ 4,350.00	\$ 13,738.75	\$ 12,426.50	\$ 6,162.50	\$ -	\$ 2,320.00	\$ 38,997.75	7.25	\$ 5,379.00
bowen	\$ 1,200.00	\$ 5,685.00	\$ 5,142.00	\$ 2,550.00	\$ -	\$ -	\$ 14,577.00	3	\$ 4,859.00
burr park	\$ 600.00	\$ 3,855.00	\$ 2,792.25	\$ 1,275.00	\$ -	\$ -	\$ 8,522.25	1.5	\$ 5,681.50
cabot	\$ 700.00	\$ 3,316.25	\$ 2,999.50	\$ 1,487.50	\$ -	\$ -	\$ 8,503.25	1.75	\$ 4,859.00
forte park	\$ 1,200.00	\$ 3,790.00	\$ 3,428.00	\$ 1,700.00	\$ -	\$ -	\$ 10,118.00	2	\$ 5,059.00
lincoln warren	\$ 1,500.00	\$ 4,737.50	\$ 4,285.00	\$ 2,125.00	\$ -	\$ 800.00	\$ 13,447.50	2.5	\$ 5,379.00
lower falls cc	\$ 1,000.00	\$ 4,737.50	\$ 4,285.00	\$ 2,125.00	\$ -	\$ 800.00	\$ 12,947.50	2.5	\$ 5,179.00
lyons field	\$ 300.00	\$ 1,421.25	\$ 1,285.50	\$ 637.50	\$ -	\$ -	\$ 3,644.25	0.75	\$ 4,859.00
nahanton park	\$ 800.00	\$ 3,790.00	\$ 3,428.00	\$ 1,700.00	\$ -	\$ 640.00	\$ 10,358.00	2	\$ 5,179.00
ncp - jay gordon	\$ 300.00	\$ 1,421.25	\$ 1,285.50	\$ 637.50	\$ -	\$ -	\$ 3,644.25	0.75	\$ 4,859.00
new cold springs	\$ 1,200.00	\$ 5,685.00	\$ 5,142.00	\$ 2,550.00	\$ -	\$ -	\$ 14,577.00	3	\$ 4,859.00
newton highlands	\$ 1,650.00	\$ 7,067.50	\$ 5,930.38	\$ 2,337.50	\$ -	\$ -	\$ 16,985.38	2.75	\$ 6,176.50
nnhs	\$ 2,400.00	\$ 10,280.00	\$ 7,446.00	\$ 5,100.00	\$ -	\$ -	\$ 25,226.00	4	\$ 6,306.50
nshs	\$ 2,400.00	\$ 10,280.00	\$ 7,446.00	\$ 3,400.00	\$ -	\$ -	\$ 23,526.00	4	\$ 5,881.50
oak hill	\$ 2,800.00	\$ 13,810.00	\$ 12,678.00	\$ 6,800.00	\$ -	\$ -	\$ 36,088.00	8	\$ 4,511.00
richardson	\$ 600.00	\$ 2,842.50	\$ 2,571.00	\$ 1,275.00	\$ -	\$ -	\$ 7,288.50	1.5	\$ 4,859.00
warren house	\$ 3,300.00	\$ 10,422.50	\$ 9,427.00	\$ 4,675.00	\$ -	\$ -	\$ 27,824.50	5.5	\$ 5,059.00
weeks field	\$ 3,600.00	\$ 11,370.00	\$ 10,284.00	\$ 5,100.00	\$ -	\$ -	\$ 30,354.00	6	\$ 5,059.00
cultural practice total	\$ 29,900.00	\$ 118,250.00	\$ 102,281.63	\$ 51,637.50	\$ -	\$ 4,560.00	\$ 306,629.13	58.75	\$ 5,222.44
number of sites maintained this year - 18	per acre range	0-3K	3.1-5K	5.1-8K	8.1-10K	>10K	total fy cost	total acreage	avg per acre cost
		0	10	8	0	0			
		0%	56%	44%	0%	0%			

PROJECTS: ATHLETIC FIELDS

Recently Completed

- NSHS stadium lights
- NSHS Lion Dr. field lights (formerly Brandeis)
- Irrigation/well repairs (next slide)
- Field Liner



FY24

- NSHS turf field replacements (2)
- NSHS track resurfacing
- NNHS field lights
- Forte Park Light Replacement
- Pellegrini light repair (not replacement yet)
- Irrigation/well repairs

FY23 IRRIGATION WORK (\$90K)

- Replace Warren House irrigation control cabinet
 - \$4K
- Replace Cabot Park well
 - \$20K
- Replace Lower Falls well
 - \$23K
- Repair Forte Park well
 - \$5K
- Replace Bowen well
 - \$17K
- Replace Albemarle well
 - \$15K
- Replace Newton Centre Park irrigation control cabinet and pole
 - \$6K

#453-22

DISCUSSION AND CREATION OF STRATEGIC AND OPERATIONAL PLAN FOR CAPITAL IMPROVEMENTS

Requesting a discussion with the Parks, Recreation and Culture Department regarding the creation of a strategic and operational plan for capital improvements to our athletic fields, athletic facilities, and playgrounds. In order to facilitate a productive discussion, ask that we be provided with a single document that lists all of the currently planned capital work (both as set forth in the city's capital improvement plan (CIP) and in the department's annual budgets) prior to the item being discussed. The document should include the following categories: (a) project; (b) anticipated start date; (c) anticipated date of completion; (d) estimated cost; (e) funding source and the anticipated amount from each source; and (f) status of applying for funding.

PROJECT MASTER LIST

Asset Category	Project Title	Project Description / Justification	Est Cost in FY2023	Funding Source	Anticipated Start Time	Anticipated Completion	CIP	Notes
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Playgrounds

Playground	Horace Mann School Playground	Build new additional playground facilities	\$ 250,000	ARPA	Fall 2022	Completed	yes	grass restoration in progress
Playground	Forte Playground	Replace play structure	\$ 40,000	Budget	Spring 2024	Summer 2024		
Playground	Richardson Playground	Replace play structure	TBD	Override	TBD			
Playground	Memorial Playground	Replace play structure	TBD	Override	TBD			
Playground	Wellington Park Playground	Install new playground apparatus	\$ 150,000	Fundraising/ Developer Mitigation	Fall 2023	Fall 2023		Timeline dependent on fundraising effort and developer mitigation funding release
Playground	W. Newton Common Elm St. Playground	New play piece, grounds cleanup	\$ 100,000	Developer mitigation	Prior to occupancy permit			

Asset Category	Project Title	Project Description / Justification	Est Cost in FY2023	Funding Source	Anticipated Start Time	Anticipated Completion	CIP	Notes
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Courts

Courts	NNHS tennis lights	Light shielding upgrades	\$ 9,900	revolv./maint.	Completed	Completed Spring 2023		
Courts	NSHS Tennis Courts	Crack repairs and some paint touch-up for nearly 2000 linear feet of	\$ 50,000	ARPA/Revolving	Summer 23	Summer 23		
Courts	Cabot Park Improvements	tennis and basketball resurfacing, park improvements	\$ 150,000	Courts revolv fund/Cabot	Summer 2023	Summer 2023	Yes	
Courts	Memorial Tennis court	Memorial Playground tennis + fencing	\$ 43,000	Courts revolv fund	Summer 2024	Summer 2024		Project cost does not include fence improvements
Courts	Pellegrini Tennis court	Pellegrini courts	TBD	Capital	TBD			
Courts	NSHS tennis light system replacement	To be added to CIP due to light pole structural issues; Project will also include low spillage light fixtures	TBD	TBD	TBD			
Courts	Tennis Courts - Replace Burr Park Tennis Courts	Redesign & construct existing tennis courts at Burr Park (Waverley Park). Work includes repair and replacement of existing retaining walls.	\$ 1,100,000	Bonding	TBD		yes	
Courts	Citywide Tennis Court Maintenance	Crack repair and resurfacing to courts across City	Ongoing	Ongoing	Ongoing			

Asset Category	Project Title	Project Description / Justification	Est Cost in FY2023	Funding Source	Anticipated Start Time	Anticipated Completion	CIP	Notes
Parks								
Parks	Improvements to Louise Levingston Cove	Renovation of entire lakefront park to include improvements to accessibility, drainage, erosion and water quality.	\$ 2,005,500	CPA Eligible/ State Funds/ARPA	Fall 2022	Summer 2023	yes	Plant establishment protective fence to remain after completion
Parks	Burr Elementary School Fields Development	Renovate natural grass area to maximize athletic field space and install irrigation. Install new accessible perimeter pathway.	\$ 1,438,197	CPA Eligible	Fall 2023	Spring 2024	yes	
Parks	Engineering and Design of Athletic Field Improvements	Engineering and design work for projects on the 5 year athletic field improvements plan. Improvements to include accessibility enhancements, field reconfigurations, and upgrades to supporting athletic field amenities.	\$ 944,362	CPA Eligible	Ongoing	Imminent	yes	420 K + 524K from CPC for design
Parks	Brown/ Oak Hill Middle Schools Fields Development	Renovate natural grass area to maximize athletic field space and increase accessibility.	\$ 2,187,821	CPA Eligible	2024/2025		yes	
Parks	McGrath Park Fields Redesign and Development	Reconfigure athletic fields and courts, expand irrigation, install new accessible perimeter pathway.	\$ 991,995	CPA Eligible/CDBG Eligible	2023/2024		yes	
Parks	Russ Halloran Sports and Recreation Complex at Albemarle Master Plan	Develop a phased park-wide master plan. Replace 50-year-old sports lighting, reconfigure existing fields for improved and expanded play, and expand lighting to Murphy Field. Improve accessibility and drainage. Potential Synthetic Turf field to include football/soccer/lacrosse field along Crafts Street.	\$ 8,720,570	CPA Eligible/Sport Group Contributions/Other Funds	Fall 2024	Fall 2025	yes	
Parks	Cheesecake Brook Footbridge	Project to replace or add new footbridge structure over Cheesecake Brook near Albemarle Field.	\$ 400,000	ARPA	Spring 2025	Spring 2025	yes	
Parks	Create a new Park at 150 Jackson Road	Project to create meaningful open space, passive and active recreation elements for both the Lincoln-Eliot School and the community.	TBD	Bonding/Other Funds	TBD		yes	
Parks	Upper Falls Splash Park	New splash park to be built by Northland development as part of larger project. To be owned and operated by Parks, Rec and Culture. Expected in late 2024.	\$ 1,000,000	Special Permit Developer Mitigation	2025-2026	2026-2027	yes	
Parks	Newton South High School Synthetic Turf Field and Track Replacement	Replacement of synthetic turf and track at Brandeis Road and Stadium fields. Current field was installed in 2009.	\$ 2,100,000	Free Cash	Summer 2023	Summer 2023	yes	
Parks	Newton North High School Synthetic Turf Field and Track Replacement	Replacement of synthetic turf and track at Newton North High School. Current field was installed in 2010.	\$ 1,100,000	Free Cash / Other Funds	Summer 2024	Summer 2024	yes	
Parks	Crystal Lake Park/Shore Improvements	Stabilize "Left beach" and create a sustainable shoreline area for sunbathing, access into the water, and improved recreation, enhance connectivity and accessibility.	\$ 1,500,000	CPA Eligible/State Funds	TBD	TBD	yes	
Parks	Accessible Playground Surfacing Improvements	Install accessible playground surface matting systems at playgrounds throughout the city	\$ 2,000,000	Other Funds/State Funds/ARPA	ongoing: multiple playgrounds per year	Ongoing	yes	
Parks	Gath Memorial Pool Project	Replace Gath Pool with lap pool, community pool, and splash pad. Replace all mechanical systems, improve accessibility, improve bath house interior. Pool area will be bubble ready.	\$ 6,060,000	CPA Eligible/ARPA	Summer 2023	Spring 2024	yes	
Parks	Marty Sender Path Phase 2 - Boardwalk and trail improvements	Install accessible, shared-use trail and boardwalk over flood-prone area.	\$ 400,000	MassTrails Grant/ ARPA/ CPA Eligible	ASAP	Summer 24	yes	
Parks	Newton North High School Field Lights	Installation of field lights at Newton North High School Stadium.	\$ 700,000	ARPA /NNHS Boosters Club	Summer 2023	Fall 2023	yes	

Asset Category	Project Title	Project Description / Justification	Est Cost in FY2023	Funding Source	Anticipated Start Time	Anticipated Completion	CIP	Notes
Parks	Newton Centre Performing Arts Pavilion	Install outdoor permanent performance pavilion and stage at Newton Centre Playground including electricity, lighting, accessible seating area, stage access, and restroom plan.	\$ 2,000,000	ARPA/Other Funds	Planning in progress	2026 - 2027	yes	
Parks	Spears Park community garden	Community garden installation	\$ 150,000	State earmark, fundraising	Fall 2024	Spring 2025		
Parks	Capt. Ryan Park Improvements	Picnic seating, upgraded pathways, trees, plantings	\$ 289,000	Developer mitigation	Coordinate w/ developer			
Parks	Coletti-Magni Park \$200K	Friends group improve the park	\$ 200,000	State earmark	Spring 2024			
Parks	Pellegrini Mural	Mural project, TBD	\$ 25,000	Developer mitigation	Coordinate w/ developer			
Parks	Pellegrini Park improvement	Improvements, potential decorative tree lighting system	\$ 25,000	State earmark	Summer 2023			
Parks	Old Cold Spring Field	Renovation of existing field space to include regrading, drainage, irrigation and accessibility improvements.	\$ 350,000	Bonding/CPA Eligible	no date yet		yes	
Parks	Riverside Greenway - Pigeon Hill Trail Improvements	Restoration of former connectivity walking trail that was severed during Mass Pike construction.	\$ 550,000	CPA Eligible/State Funds	planning in progress, multiple years out		yes	
Parks	Lyons Field Drainage Improvements	Renovation of the natural grass field to improve drainage.	TBD	Stormwater/Other Funds	Drainage issues addressed/ being monitored		yes	Marty Sender trail improvements to further improve drainage outside of the field
Parks	Forte Park Field Improvements	Renovate natural grass area to maximize athletic field space for softball field, soccer/lacrosse. Improvements include relighting and improved accessibility.	\$ 2,000,000	Bonding/CPA Eligible/ Developer Mitigation	2023 - 2024		yes	
Parks	Braceland Park - Update Master Plan for Park Renovation	Park renovation based on previous master plan and any required adjustments to the plan. Construction to include new athletic fields, play structures, basketball court and other improvements including accessibility.	\$ 2,000,000	Bonding/CPA Eligible	2025-2026		yes	
Parks	Pellegrini Field Sports Lighting Replacement	Replace sports lighting and poles at Pellegrini.	\$ 750,000	CPA Eligible/Other Funds	TBD		yes	requesting state grant/ earmark
Parks	Crescent Street Project - Rehab and expand Ford Park	Rehabilitation and expansion of Ford Playground to include improvements to stormwater , accessibility, and overall park experience.	\$ 1,600,000	CPA Eligible	TBD		yes	
Parks	Chaffin Park Wall	Replacement of existing wall along perimeter of Chaffin Park (Vernon and Centre Streets).	\$ 200,000	CPA Eligible	TBD		yes	
Parks	Nahanton Park - Nature Center Accessibility	Renovation of two existing parking areas and upgrades to pedestrian connection to Nature Center - Canoe and Kayak Rental Building.	\$ 150,000	Bonding/CPA Eligible	TBD		yes	
Parks	Cronin's Cove Stair replacement	Reset granite stairs at Cronin's Cove	\$ 40,000	?	ASAP			
Parks	Farlow Pond	Repair leak	\$ 200,000	ARPA/fundraising/State	Spring 2024			Assesment of pond leak in progress

Asset Category	Project Title	Project Description / Justification	Est Cost in FY2023	Funding Source	Anticipated Start Time	Anticipated Completion	CIP	Notes
Schools								
Schools	Angier Elem.: play surface subsurface erosion	Repair sink hole with assistance from PBD, Utulities, DPW	\$ 5,000	Budget	Summer 2023	Summer 2023		
Schools	Accessible playground surfacing	Auburdale Cove, Davis Playground, Williams Elementary	\$ 142,000	ARPA	Spring 2023	5/1/2023		
Schools	Gaga pits	install gaga pits at 2 schools	TBD	Likely PTO fundraising	Spring 2023	Fall 2023		
Schools	Countryside Elementary School Project	Elementary school grounds : playing fields, courts, fields	TBD	Override	Fall 2025	Summer 2027	yes	
Schools	Horace Mann Elementary School Project	Elementary school grounds : playing fields, courts, fields	TBD	ARPA/ Free Cash/Bond	Fall 2024	Summer 2026	yes	
Schools	Lincoln Eliot Elementary School Project	Elementary school grounds : playing fields, courts, fields	TBD	Bonding	Fall 2023	Summer 2025	yes	
Schools	Franklin Elementary School Project	Elementary school grounds : playing fields, courts, fields	TBD	Override	Ongoing w/ school projects	TBD	yes	
Building								
Building	City Auditorium at 150 Jackson Road	Renovate existing auditorium to create Indoor theater and musical arts performance venue with stage, backstage area, storage, seating, and rehearsal space. Will be fully accessible.	\$ 3,000,000	Bonding/ARPA	Planning in progress	Summer 2025	yes	
Building	Pellegrini Park Field House - Exterior Improvements	Envelope repairs, replace upper gym membrane roof with a new EPDM roof.	\$ 200,000	Other Funds	Fall 2023	Spring 2024	yes	
Building	Burr Park Field House - Building Envelope and Window Restoration (Waverley Ave. / Park St.)	Repair damaged exterior brick walls and trim. Remove entry landing stairs and railings and install new code-compliant landing, stairs and railings. Restore windows.	\$ 313,500	CPA Eligible	TBD		yes	
Building	Newton Highlands Playground - Phase II Support Building	Construction of prefabricated restrooms and storage building.	\$ 300,000	Bonding/Other Funds/State Contract	TBD		yes	
Building	Emerson Community Center - Electrical Upgrades	Replace switchboard and increase service size to meet electrical demands. Replace original overloaded electrical panels. Install emergency audiovisual horn strobes.	\$ 150,000	Bonding	TBD		yes	
Building	Feasibility Study for New Indoor Swimming Pool	A feasibility study to research issues and options for creation of a second City indoor swimming pool.	\$ 200,000	Bonding/Other Funds	TBD		yes	
Building	Auburndale Cove Fieldhouse - Building Upgrades	Project to fully upgrade existing building or replace with new structure.	\$ 1,000,000	Bonding	TBD		yes	
Building	Burr Park Field House - Accessibility/Site Upgrades	Accessibility upgrades to toilet rooms and fixtures, signage, drinking fountain, and door hardware. Provide accessible path to entrance and an accessible parking space.	\$ 250,000	Bonding/CPA Eligible	TBD		yes	
Building	Kennard Estate	Accessibility upgrades, gutters, plumbing/electrical.	\$ 500,000	Bonding/CPA Eligible	TBD		yes	

Asset Category	Project Title	Project Description / Justification	Est Cost in FY2023	Funding Source	Anticipated Start Time	Anticipated Completion	CIP	Notes
Building								
Building	Jeanette Curtis West Rec Ctr (The Hut)	Address facility needs for multiple programs.	\$ 2,500,000	Bonding	TBD		yes	
Building	Crystal Lake Bathhouse - Renovate/Replace	Renovate/Replace bathhouse and improve swim beach front.	\$ 5,000,000	CPA Eligible/Other Funds	next 5 years		yes	
Building	Emerson Community Center - Accessibility Upgrades	Upgrade toilet rooms, install accessible door hardware and drinking fountains; Resurface main entrance ramp and install handrails.	\$ 250,000	Bonding	TBD		yes	
Building	Pellegrini Park Field House - Electrical Upgrades	Upgrade lighting and power distribution for energy efficiency. Provide protective cages over gym fixtures. Replace electric panels.	\$ 176,000	Bonding	TBD		yes	
Miscellaneous								
Beautification	New waste receptacles	replace all big belly units with upgraded models	contract	Contracted services	Summer 2023	Summer 2023		
Dog Parks	Off-Leash site feasibility studies	Study potential sites: Lyons, Norumbega, Walker	\$0	Off-leash Revolv. fund	ongoing			

Questions and Discussion

For additional questions and input please contact: athleticfields@newtonma.gov

For Presentation, Chat, recordings and meeting recordings, please go to www.newtonma.gov/fieldprojects



Field marking Robot
naming contest
underway!