



**ARLINGTON FINANCE COMMITTEE**  
**MINUTES OF MEETING**  
**3/7/2022 7:30 PM**  
 Conducted by Remote Participation – Zoom Meeting

**ATTENDEES:**

Gibian	P	Padaria	A	Harmer	P	Tosti	P
Blundell	P	Migliazzo	P	LaCourt	A	Nascimento	P
Ellis	P	Wallach	P	Jones	P	Deshler	P
Healy	P	Foskett	P	Kocur	P	Carman	A
Beck	P	Crawford Pokress	P	Kellar	P	McKenna	P
						Bradley	P

P indicates Present; L indicates late; A indicates Absent

Capital Planning Committee Visitors: Timur Yontar (Chair), Christopher Moore (Vice Chair & Citizen Appointee), Kate Loosian (Citizen Appointee), Kate Leary (Citizen Appointee), Sandy Pooler (Deputy Town Manager/Finance Director & Committee Town Official), Ida Cody (Town Comptroller & Committee Town Official), Phyllis Marshall (Town Treasurer-Collector & Committee Town Official), Michael Mason (School Chief Financial Officer & Committee Town Official), Julie Wayman (Town Management Analyst & non-voting Committee Town Official)

**INTRODUCTION**

1. Foskett read the rules for the meeting as formulated by Town Counsel based on the Governor's authorization. An important rule is that all votes, unless unanimous, must be by roll call. Attendance was taken by roll call.
2. Foskett reiterated the likely possibility of a Special Town Meeting to include matters related to the Private Way Betterment Fund and unused FY22 Reserve Funds.
3. Foskett shared congratulations to Arlington Public Health Director Natasha Waden who was US Representative Katherine Clark's guest at the 2022 State of the Union Address.

**PRESENTATIONS**

1. Capital Planning Committee
  - a. Note: Wallach is the Finance Committee designee to the Capital Planning Committee.
  - b. Chair Yontar introduced Capital Planning Committee members and provided an overview of the committee. Yontar provided an overview of the FY23 budget and related issues.
  - c. Pooler reviewed the progress on several Capital Plan Projects. Pooler discussed the reconciliation process of Town Capital Plan to Town Budget and adherence to the 5% Rule.
  - d. Yontar reviewed new income related to the American Rescue Plan Act.

- e. Leary reviewed Capital Planning Committee coordination with the Community Preservation Act Committee for budget planning, especially relating to funding playgrounds and playing fields.
- f. Yontar reviewed proposed FY23 capital spending by department and by funding source.
- g. Pooler updated on the Department of Public Works Municipal Yard Plan Project and DPW Roadway and Sidewalk Maintenance Recommendations. Average pavement condition index for Arlington roads was 79 of 100 (“fair condition”).
- h. Loosian (also High School Building Committee) provided an update on the Arlington High School Project, noting completion of the STEAM (Science, Technology, Engineering, Arts & Math) and Performing Arts Wing pending completion in April 2022.
- i. Mason reviewed proposed Non-Facilities and Facilities Fire Department funding recommendations.
- j. Yontar reviewed proposed Police Department funding recommendations.
- k. Leary detailed Recreation funding recommendations and highlighted findings from playground safety audits, specifically the Bishop, Peirce and Stratton playgrounds.
  - i. Members of the Finance Committee discussed whether annual playground safety audits should be capitalized or included in an operating budget.
- l. Cody reviewed funding recommendations for Libraries and provided updates on funding sources.
- m. Loosian provided updates on Community Center Renovations, delays and budget issues.
- n. Pooler reviewed Town-Owned buildings detail and Buildings’ Profit and Loss statement.
- o. Marshall reviewed Rescission of Prior Borrowing. Marshall detailed Re-appropriation of Borrowed Funds, specifically \$24,537.45 borrowed for five projects where remaining dollars were not needed and the associated request that funds be re-appropriated to cover the Town Clerk’s Office request for Election Poll Pads.
- p. Capital Planning Committee Recommended Vote:
  - i. Appropriation for cash acquisitions: \$3,426,277
  - ii. Appropriation for debt service: \$19,144,620
  - iii. Appropriation for “other” acquisitions: \$3,806,500
  - iv. Appropriation for bonded acquisitions, and authorization of borrowings: \$2,219,100
  - v. Total General Fund Debt Service Appropriation: \$19,144,620
  - vi. Cash Capital: \$3,426,277
  - vii. Total NET Capital Appropriation: \$21,949,893

**BUDGETS**

- 1. Capital Planning Budget (Warrant Article No. 51)
  - b. VOTE: the committee passed the following three items unanimously
    - I. Transfer \$10,000 from Perpetual Care to Capital budget for the Cemetery
    - II. No Action on Recission of Prior Borrowing
    - III. Favorable Action on Re-appropriation of Borrowed Funds totaling \$24,537.45
  - c. VOTE: Capital Expenditure Budget – postponed

2. Summary

<b>Budget #</b>	<b>Budget Name</b>	<b>Amount</b>	<b>Status</b>
Article No. 51	Capital Planning – Cemetery	\$10,000	Approved
Article No. 51	Capital Planning – Recission of Prior Borrowing	zero	Approved

Article No. 51	Capital Planning – Re-appropriation of Borrowed Funds	\$24,537.45	Approved
Article No. 51	Capital Planning – Expenditure Budget	\$21,949,893	Postponed

**CONCLUSION**

The meeting adjourned at 9:56 PM.

The next meeting is Wednesday, March 9, 2022 at 7:30 PM.

Tara Bradley  
3/13/2022

Reference 1: FY23 Capital Planning Committee Presentation Mar 7, 2022

Reference 2: FY23 Capital Budget

Reference 3: FY23 - FY27 Capital Plan

Reference 4: FY23 - FY27 New Debt Service

Reference 5: Playground Safety Report Email – 20220308 Kate Leary

Reference 6: Arlington Safety Check - Bishop

Reference 7: Arlington Safety Check - Crosby

Reference 8: Arlington Safety Check - Locke

Reference 9: Arlington Safety Check - Menotomy

Reference 10: Arlington Safety Check – Peirce Sch

Reference 11: Arlington Safety Check - Waldo

Reference 12: Arlington Safety Check – Cutter

Reference 13: Arlington Safety Check - McClennan

Reference 14: Arlington Safety Check - Paralell

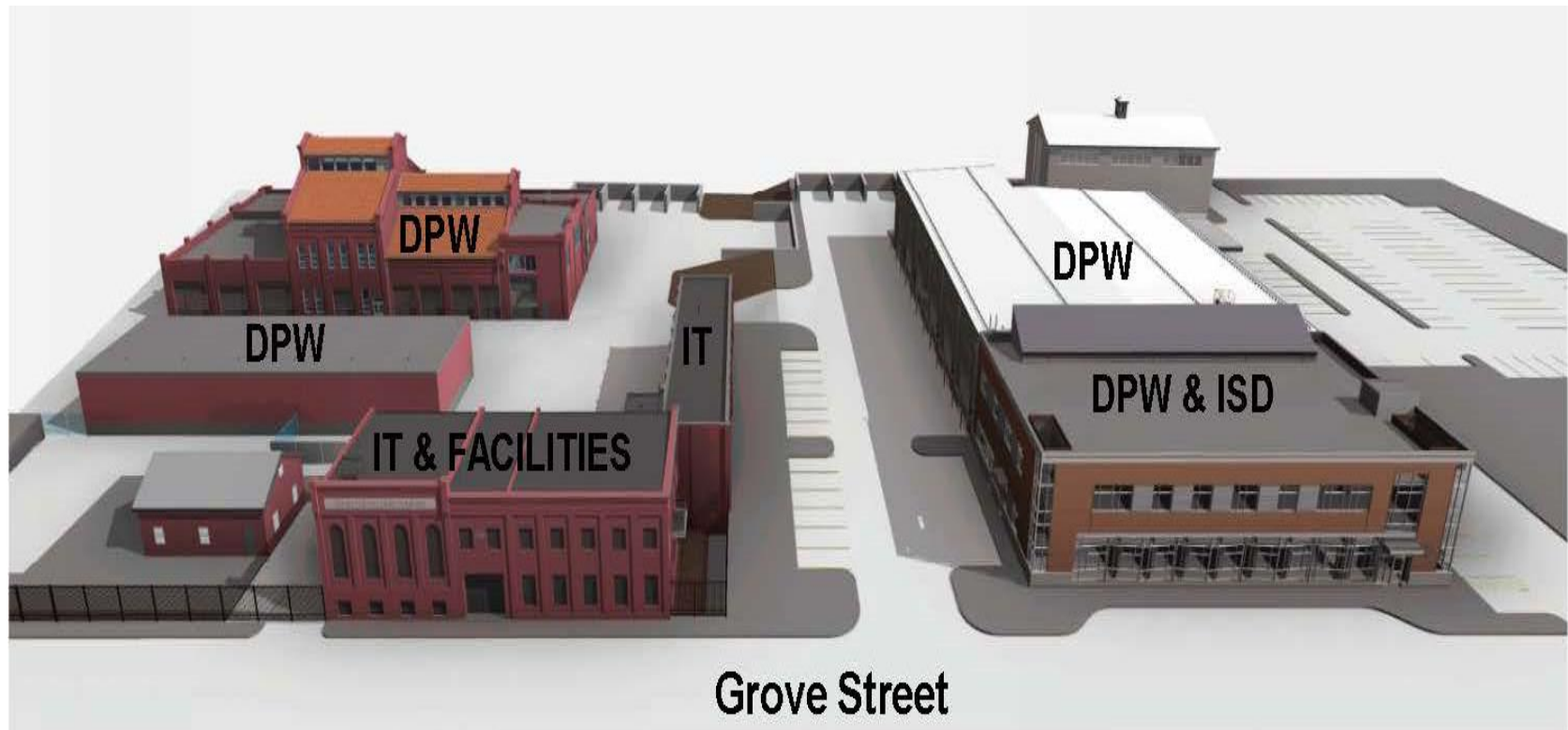
Reference 15: Arlington Safety Check – Poets Corner

Reference 16: Arlington Safety Check - Stratton

# Capital Planning Committee

Capital Budget FY2023 and Capital Plan FY2023–FY2027

A Presentation to the Arlington Finance Committee  
March 7, 2022



*Rendering of DPW Renovation*

# Capital Planning Committee

## Attendees

---

- Joe Barr
- Ida Cody
- Kate Leary
- Kate Loosian
- Phyllis Marshall
- Michael Mason
- Chris Moore
- Sandy Pooler
- Jon Wallach
- Julie Wayman
- Timur Kaya Yontar

# Agenda

---

- Who We Are
- What We Do
- Actions Requested
- Overview & Significant Issues
- Capital Plan Progress
- Town Budget; Five Year Plan within 5% Rule
- Detail on Current Recommendations
  - Sources: ARPA federal funds; Coordination with CPA Committee
  - Uses: Public Works, Schools, Community Safety (Fire & Police), Recreation, Libraries, Facilities (Community Center & Town-Owned Rental Buildings)
- Rescission of Prior Borrowing; Re-appropriations
- Actions Requested (recap) and Recommended Vote

# Who We Are

## Membership

---

### Citizen Appointees (1 vacancy)

- Timur Kaya Yontar – Chair
- Chris Moore – Vice Chair
- Joe Barr – Recording Secretary
- Kate Leary
- Kate Loosian

### Finance Committee Designee

- Jon Wallach

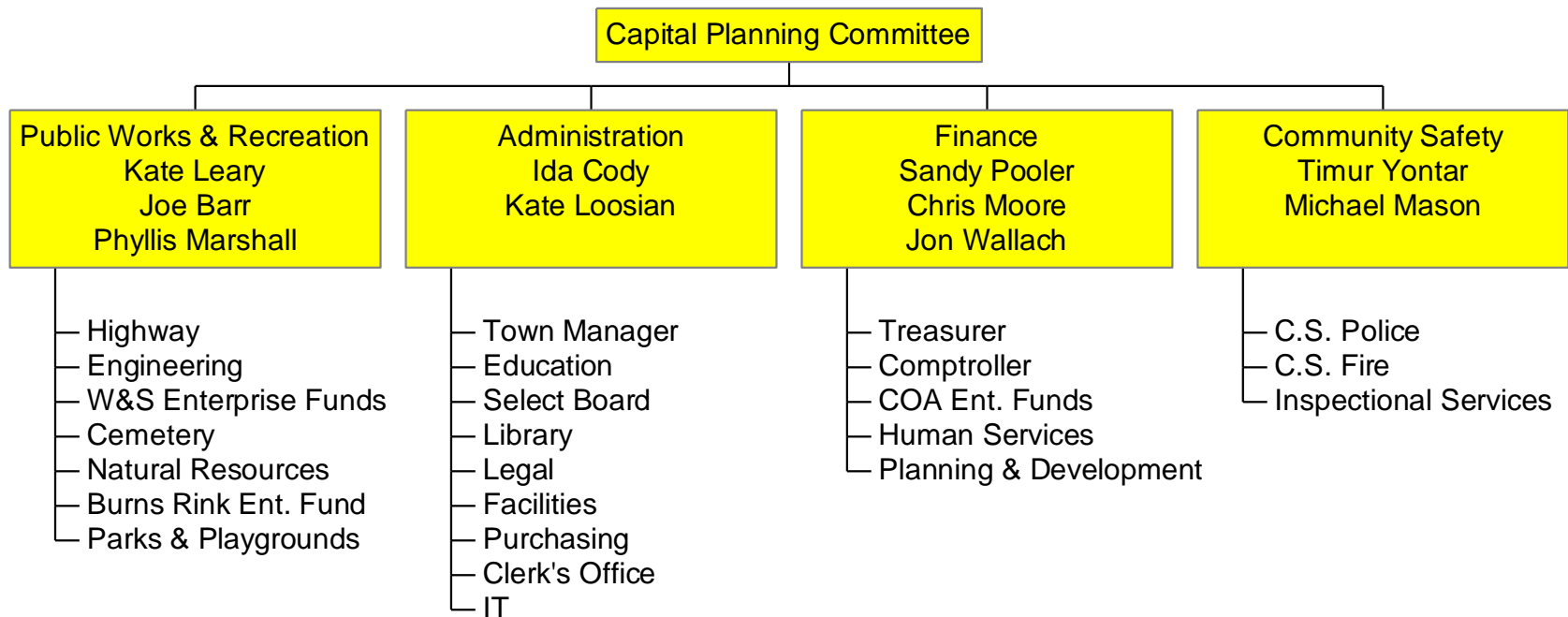
### Town Officials

- Ida Cody – Comptroller
- Phyllis Marshall – Treasurer
- Michael Mason – APS CFO
- Sandy Pooler – Deputy Town Manager
- Julie Wayman – Management Analyst (non-voting)

# Who We Are

## Committee Organization 2021–2022

### Capital Planning Committee Organization



As Arlington's Management Analyst, Julie Wayman provides leadership, coordination, and support from the Town Manager's office.



# What We Do

## Why Capital Planning?

---

- To set and meet the long-range expectations  
...of Town officers and management, the Finance Committee, Town Meeting, and citizens  
...for current and future capital expenditures;
- To reduce or eliminate uncertainty about the acquisition of capital assets;
- To facilitate prioritization, in timing and/or spend, of some capital expenditures over others as part of the budgeting process; and
- To give Town Meeting and citizens confidence while spending large sums of taxpayer money.

# What We Do

## Arlington Capital Planning Practice

---

Create a Five-Year Plan in which non-exempt capital spend is budgeted at 5% of adjusted Town revenue, by:

- Soliciting capital requests from Town Departments for the upcoming fiscal year and the four fiscal years following;
- Meeting with Departments and Facilities to gain further clarity and detail, then discussing and prioritizing in the full committee; and
- Forecasting future years' budgets to effectively plan and pace capital expenditures.

- 35-year history of successful capital planning, within budget.
- 5% Rule has met the Town's needs, guided fiscal discipline, and is in line with practice at other municipalities.
- Requests from Town and Schools are made with their knowledge of operating pressures.

# **Actions Requested of the Finance Committee**

---

- Vote favorable action on our recommended budget and re-appropriation.
- Support the Five-Year Plan.
- Transfer \$10,000 from Perpetual Care to Capital Budget.

# Overview & Significant Issues

---

## FY23 Budget and FY23–27 Plan at 5%

- FY23: \$10.5 M for Capital (before offsets), \$9.1 M net (after offsets)
  - Roughly in-line with last year
  - Considerable achievements for the Town – detail follows
- As last year, this Plan felt tight; facing several challenges
  - Competing needs for limited resources
  - Ongoing desire to improve services and strive for excellence
  - Cost estimates escalating:
    - Regulations, general inflation (materials, labor), supply-chain issues & delays
  - Growing movement toward more proactive approach to maintenance
    - School facilities – substantial upkeep needed
    - Roads & sidewalks, and recreation – state of good repair
- Silver lining: American Rescue Plan Act (ARPA) federal funds

# Overview & Significant Issues (cont'd)

---

To make it fit...

- ARPA will fund substantial Recreation and School HVAC
- All CPC members prioritized every line item, to create ranked list
  - Coordinated delays/cuts with Town Manager's office
- Main scope reductions
  - Recreation: Poets' Corner field will be funded outside the Plan
    - Postponed several other projects
  - Libraries: Fox delayed another year – neither library in 5-Year Plan
    - Assessing when Plan will have capacity for next large (building-sized) project
  - DPW: Reduced road & sidewalk funds from initial ask
    - Increased over prior year's plan; still below target \$2 M/year
  - Delays/cuts spanned all departments (IT, Planning, Public Safety, Redevelopment, Schools)

# Capital Plan Progress

---

## **Recent realized benefits from Capital Plan Projects:**

- Roadways & Sidewalks
- Water & Sewer Improvements
- Reservoir
- Parmenter School renovations
- Lake Street signals
- Center sidewalks
- Whittemore Park
- Police radio system
- Town Hall steps/plaza
- School engineering study

## **Capital Projects in process:**

- Water & Sewer Improvements
- Roadways & Sidewalks
- Community Center
- DPW building
- Mystic Street Bridge
- Munis/Financial Software W/S
- High School (exempt)

# Reconciliation to Town Budget Five Year Plan

Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
<b>Total Town Budget</b>	\$ 197,467,804	\$ 203,925,256	\$ 213,653,933	\$ 221,988,896	\$ 230,414,858
Adjust for Water Sewer	\$0	\$0	\$0	\$0	\$0
Adjust for Exempt Debt Service	(\$12,129,702)	(\$12,028,955)	(\$11,917,650)	(\$11,824,003)	(\$11,586,563)
Adjust for Enterprise Funds	(\$3,220,747)	(\$3,225,421)	(\$3,433,497)	(\$3,545,086)	(\$3,660,301)
<b>Adjusted Total Town Budget</b>	\$182,117,355	\$188,670,880	\$198,302,786	\$206,619,807	\$215,167,994

- As of 1/15/22. Five-Year Plan is a dynamic document.

# Five-Year Plan within 5% Rule

Fiscal Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
Prior Non-Exempt Debt Service	\$6,973,574	\$6,549,989	\$6,186,238	\$ 6,411,272	\$5,501,256	\$31,622,330
Cash	\$3,426,277	\$3,685,432	\$4,080,547	\$3,508,868	\$4,545,830	\$19,246,954
New Non-Exempt Debt Service (FY22 & after)	\$0	\$256,886	\$802,076	\$1,552,670	\$1,808,631	\$4,420,264
BAN Interest and Principal	\$97,600	\$97,600	\$0	\$0	\$0	\$195,200
<b>Total Non-Exempt Tax Burden</b>	<b>\$10,497,451</b>	<b>\$10,589,907</b>	<b>\$11,068,861</b>	<b>\$11,472,811</b>	<b>\$11,855,718</b>	<b>\$55,484,747</b>
<i>Direct funding sources:</i>						
Ambulance Revolving Fund	(\$94,231)	(\$66,742)	(\$64,628)	(\$62,514)	(\$60,400)	(\$348,515)
Antenna Funds	(\$198,584)	(\$192,694)	(\$176,469)	(\$166,891)	(\$122,849)	(\$857,487)
Asset Sale Proceeds	(\$946)					(\$946)
Capital Carry Forwards	(\$258,099)					(\$258,099)
Parking Benefits District	(\$25,000)					
Recreation Enterprise Fund		(\$44,500)	(\$44,500)	(\$44,500)	(\$44,500)	(\$178,000)
Rink Enterprise Funds	(\$56,256)	(\$56,256)	(\$56,256)	(\$31,097)	(\$30,269)	(\$230,134)
Urban Renewal Fund	(\$44,144)	(\$42,544)	(\$40,944)	(\$34,494)	(\$33,467)	(\$195,592)
<i>Adjustments to 5% Plan:</i>						
Roadway Reconstruction Override 2011	(\$512,033)	(\$524,834)	(\$537,955)	(\$551,404)	(\$565,189)	(\$2,691,416)
Accessibility Improvements Override 2019	(\$210,125)	(\$215,378)	(\$220,763)	(\$226,282)	(\$231,939)	(\$1,104,486)
Debt service, Town-owned Rental Properties		(\$13,500)	(\$13,150)	(\$12,800)	(\$12,450)	(\$51,900)
<b>Net Non-Exempt Plan</b>	<b>\$9,098,033</b>	<b>\$9,433,459</b>	<b>\$9,914,197</b>	<b>\$10,342,829</b>	<b>\$10,754,655</b>	<b>\$49,543,172</b>
<b>Pro Forma Budget</b>	<b>\$182,117,355</b>	<b>\$188,670,880</b>	<b>\$198,302,786</b>	<b>\$206,619,807</b>	<b>\$215,167,994</b>	<b>\$990,878,822</b>
<b>Budget For Plan at 5%</b>	<b>\$9,105,868</b>	<b>\$9,433,544</b>	<b>\$9,915,139</b>	<b>\$10,330,990</b>	<b>\$10,758,400</b>	<b>\$49,543,941</b>
<b>Plan as % of Revenues</b>	<b>5.00%</b>	<b>5.00%</b>	<b>5.00%</b>	<b>5.01%</b>	<b>5.00%</b>	<b>5.00%</b>
<b>Variance From Budget</b>	<b>\$7,835</b>	<b>\$85</b>	<b>\$943</b>	<b>(\$11,839)</b>	<b>\$3,745</b>	<b>\$769</b>



# Sources: ARPA-Funded Projects

## Approximately \$3 M for Capital Plan

---

One-time federal fund windfall: address maintenance & upgrade backlog and benefit Town in wake of Covid pandemic impact

- Recreation
  - \$800 K\* for Menotomy Rocks and Parallel Park playgrounds
  
- HVAC
  - \$2.0 M for Schools HVAC (Bishop, Dallin, Hardy, Ottoson, Peirce)
  - \$200 K for Town HVAC (Town Hall, Dallin Library)

\* In total, \$4.0 M for durable investments in parks and open spaces

- Allows 7-8 most-needed playground upgrades, depending on bid climate.
- Funds urgent repairs at Bishop, Peirce, Stratton playgrounds in FY2022

# Sources: Coordination with CPAC

## Planning Together for FY23

---

- Capital Plan typically funds School playgrounds
- CPAC takes “first look” at Town playgrounds & fields; if insufficient budget capacity, sends to Capital Planning for consideration or delay.
  - This year ARPA has also been a funding source.
- CPAC approved funding for Robbins Farm Park, Hurd Field Phase II, and Jarvis House
- CPAC moving toward a five-year planning process
  - Began gathering information about future requests from applicants in the FY2023 application.
- For FY23, Recreation projects make up 51% of CPAC spending.
  - We can't expect this mix in future years.

# Sources: Coordination with CPAC

## Approved Projects FY23

	Project Title	Applicant(s)
	<b>Community Housing</b>	
	Menotomy Manor Window Replacement	Arlington Housing Authority
	Leasing Differential	Somerville Homeless Coalition
	Arlington Affordable Housing Trust Fund	Planning and Community Dev.
	Houser Building Electrical Panel Upgrade	Arlington Housing Authority
	<b>Open Space/Recreation</b>	
These projects had also been requested in the Capital Budget	→ Hurd Field Phase II	Recreation Department
	→ Robbins Farm Playground	Recreation Department
	Mt. Gilboa Feasibility Study	Conservation Commission
	Cooke's Hollow Restoration	Conservation Land Steward
	<b>Historic Preservation</b>	
→ Jarvis House Preservation and Restoration	Town Legal Department	
	Dallin Museum Collections	Cyrus E. Dallin Art Museum, Inc.
	Jason Russell House Preservation, cont.	Arlington Historical Society
	Covenant Church Accessibility	Christian Life Fellowship, Inc.
	Old Schwamb Mill's Barn	Schwamb Mill Preservation Trust
	Historic Planning Records Preservation	Planning and Community Dev.

# Uses: High-Level Summary

## Proposed FY23 Acquisition Expense

- Total cost of capital items proposed to buy for the Town in FY23, by Department and Funding Source (rounded to nearest \$ K)

Department	Bond	Cash	Other	TOTAL
Public Works	\$485 K	\$1,619 K	\$3,760 K	\$5,864 K
Schools (incl School IT)	\$680 K	\$840 K		\$1,520 K
Community Safety	\$1,054 K	\$222 K	\$32 K	\$1,308 K
Recreation		\$135 K		\$135 K
Libraries		\$80 K		\$80 K
Facilities		\$75 K		\$75 K
Other*		\$455 K	\$15 K	\$470 K
<b>TOTAL</b>	<b>\$2,219 K</b>	<b>\$3,426 K</b>	<b>\$3,807 K</b>	<b>\$9,452 K</b>

\*Comprises Planning, Town IT, Town Manager, Purchasing, Clerk, Council on Aging

# Project Update

## DPW: Municipal Yard – Plan



Photo # 1 – Drainage Structure in Progress (2/11/2022)



Photo #2 – Ground Improvements in Progress (2/17/22)



Photo #6 – Ground Improvements in Progress (2/24/22)

- Total project budget allocation \$46.52M
- Construction is underway, with Information Technology Department and servers moved into renovated building.
- Construction on new buildings expected to start in the spring.

# Detail of Current Recommendations

## DPW: Roadway and Sidewalk Maintenance

---

### Pavement Management Report (2019)

- Details on condition of all 96.5 miles of Town-maintained roadways
- Average pavement condition index was 79: "fair condition"
- To maintain this condition, report suggests that we will need to spend ~\$2 M/year over the next five years
- Proposed capital plan averages \$1.74 M/year; slightly more than last year
  - Still not keeping up with maintaining current conditions
- Also unmet needs in sidewalks & curbs, funded at average \$811 K/year

# Detail of Current Recommendations

## DPW: Overall

DPW Division	FY23		FY24-FY27	
	<u>General</u>	<u>Vehicles</u>	<u>General</u>	<u>Vehicles</u>
Administration	-	-	\$850,000	
Cemetery	\$10,000	\$135,000	\$40,000	\$75,000
Engineering	\$25,000	-	\$25,000	-
Highway	\$2,372,158	\$279,600	\$10,733,740	\$1,221,500
Natural Resources	\$60,000	\$7,500	\$60,000	\$447,500
Motor Equip Repair	-	-	-	-
Water/Sewer	\$2,750,000	\$224,500	\$11,915,000	\$56,000
<b>Total</b>	<b>\$5,217,158</b>	<b>\$646,600</b>	<b>\$23,623,740</b>	<b>\$1,800,000</b>

FY23 total ex Water/Sewer: \$2.89 M

Overall Total (FY23–FY27): \$31.29 M

# Project Update

## Arlington High School

PHASE	CONSTRUCTION	DATE
1	STEAM* & Performing Arts wings	Complete 2/2022**
2	Humanities, Central Spine, Cafeteria, Library, Preschool, District Offices	2/2022- 9/2023
3	Athletics wing	9/2023- 8/2024
4	Fields and site work	8/2024- 8/2025

\* STEAM=Science, Technology, Engineering, Arts & Math

\*\* Performing Arts wing opens 4/2022



*AHS Phase 1 Construction – STEAM Wing*



# Project Update

## Arlington High School



Arlington High School Phase 1 – Progress Photos as of January 2022  
Top Left: Mass Ave. Main Entrance #1  
Top Right: Discourse Lab  
Bottom Right: Auditorium

# Major Renovations

## Arlington Public Schools

### Hardy School

- Roof replacement: \$400 K FY23
- RTUs, EMS upgrades, boilers: \$450 K FY26\*
- Envelope repairs: \$2.2 M FY26

### Bishop School

- Roof replacement: \$1.6 M FY24
- RTUs, EMS upgrades: \$150 K FY24\*
- Envelope repairs: \$950 K FY25

**Brackett Playground Renovation:** \$80 K FY23 + \$800 K FY25

\* ARPA-funded



March 7, 2022



CPC Presentation to the Finance Committee

23

# Project Update: Hardy Playground

Work complete – images of playground in use



# Detail of Current Recommendations

## Community Safety – Fire

### Non-Facilities-Related Requests

- Firefighter protective gear: \$25 K in FY23
  - Increases to \$30 K/year in FY24
- Pumper/Engine replacement: \$675 K in FY23
- Air Supply Vehicle replacement: \$133 K in FY23
- Critical Emergency Response Communication System and Infrastructure Upgrade – "Zetron": \$126K in FY23
- Jaws of Life extrication equipment: \$50 K replacement on 10-year cycle in FY24
- Vehicle Replacement Program FY24-27: \$1M



# Detail of Current Recommendations

## Community Safety – Fire

### Park Circle Facilities-Related Requests

- Air Handlers replacement: \$54 K in FY24
- Water Heater replacement: \$22 K in FY24
- Apparatus Bay Air Handler replacement: \$18 K in FY24
- Apparatus Bay Heating Unit replacement: \$14 K in FY24

### Central Station Facilities-Related Requests

- Exterior Waterproofing: \$100 K in FY25



# Detail of Current Recommendations

## Community Safety – Fire

### Highland Station Facilities-Related Requests

- Replacement of (2) boilers: \$51 K in FY27
- Replacement of Hot Water Tank: \$26 K in FY27

### Fire Headquarters Facilities-Related Requests

- Replacement of (2) boilers: \$54 K in FY27
- Replacement of Hot Water Tank: \$27 K in FY27
- Replacement of Roof Top Unit: \$27K in FY27



# Detail of Current Recommendations

## Community Safety – Police

### Ongoing vehicle replacement program

- \$140 K/year, replacing 2 marked cars + 1 unmarked car or motorcycle each year.

### Boiler replacement: \$120 K in FY23

- Not replaced in Police Station reno. Insufficient to heat entire building; using space heaters; risk of freezing pipes.

### "Livescan" digital fingerprint machines: \$35 K in FY23

- 2 units: 1 for booking area, 1 for administrative office.

### Ongoing bullet-proof vest program

- \$22 K/year, covers 14 officers/year (vests are \$1600 per). Replaced on 5-year cycle to cover ~70 officers

Out-years: Cooling tower repl. \$250 K in FY24; Specialty vehicle repl. \$50 K in FY27



# Detail of Current Recommendations

## Recreation – General

---

Total FY23 Requests from Capital: \$135 K

### Playground Audit and Safety Improvements

- \$75 K/year on an ongoing basis

### ADA Study Implementation Program

- Improve the accessibility of the Town's parks and playgrounds (walkways, playground access, etc.)
- \$50 K/year on an ongoing basis

### Feasibility Study Program

- Study future upgrades to park and playground facilities
- \$10 K/year on an ongoing basis



# Detail of Current Recommendations

## Recreation — ARPA-funded

### Bishop, Peirce, and Stratton School Playgrounds

- Inspections revealed serious issues at three playgrounds used for recess
- APS shared in the cost of repairs, but more investment is urgently needed
- Accelerated schedule to award bids by the summer 2022 construction period
- Public input process is underway



# Detail of Current Recommendations

## Recreation – General

---

### Playground Audit and Safety Improvements Detail

- November 2019 report identified many safety and maintenance concerns
- Recreation Department requested \$25 K in FY22 for new program of annual safety inspections and repairs
  - Identified serious issues at Bishop, Peirce, Stratton (town playgrounds used by schools), and Menotomy Rocks, Parallel, and Waldo (town playgrounds)
  - Cost estimate for repairs \$82 K
- Requested increase program budget to \$75 K/year in FY23 and ongoing
- Inspections of eight playgrounds in FY23 will address the backlog, after which each playground will be inspected annually

# Detail of Current Recommendations

## Recreation — CPA

### Hurd Field Renovation

- Phase I design is underway. Funding of \$1,493,000 was approved for FY22.
- Phase II request to CPA for \$664,244 in FY23.
- Project will be put out to bid in January-February pending requested funds.
- Start in June-July with substantial completion date of November 2022.



# Detail of Current Recommendations Recreation — CPA

## Robbins Farm Playground Request to CPA for \$997,993

- Complete public input and approve final design by December 2022 and bid the project in January 2023.
- Start in April 2023 with completion date of August 2023.



# FY22 Project Updates

## Recreation – Playgrounds

- Parmenter (CDBG & state-funded) and Spy Pond (CPA-funded) playgrounds public input process is complete
- Parks and Recreation Commission approved the plan in January
- Will be bid in March with a scheduled start date of later in the spring

### SPY POND PLAYGROUND

PARKS & RECREATION

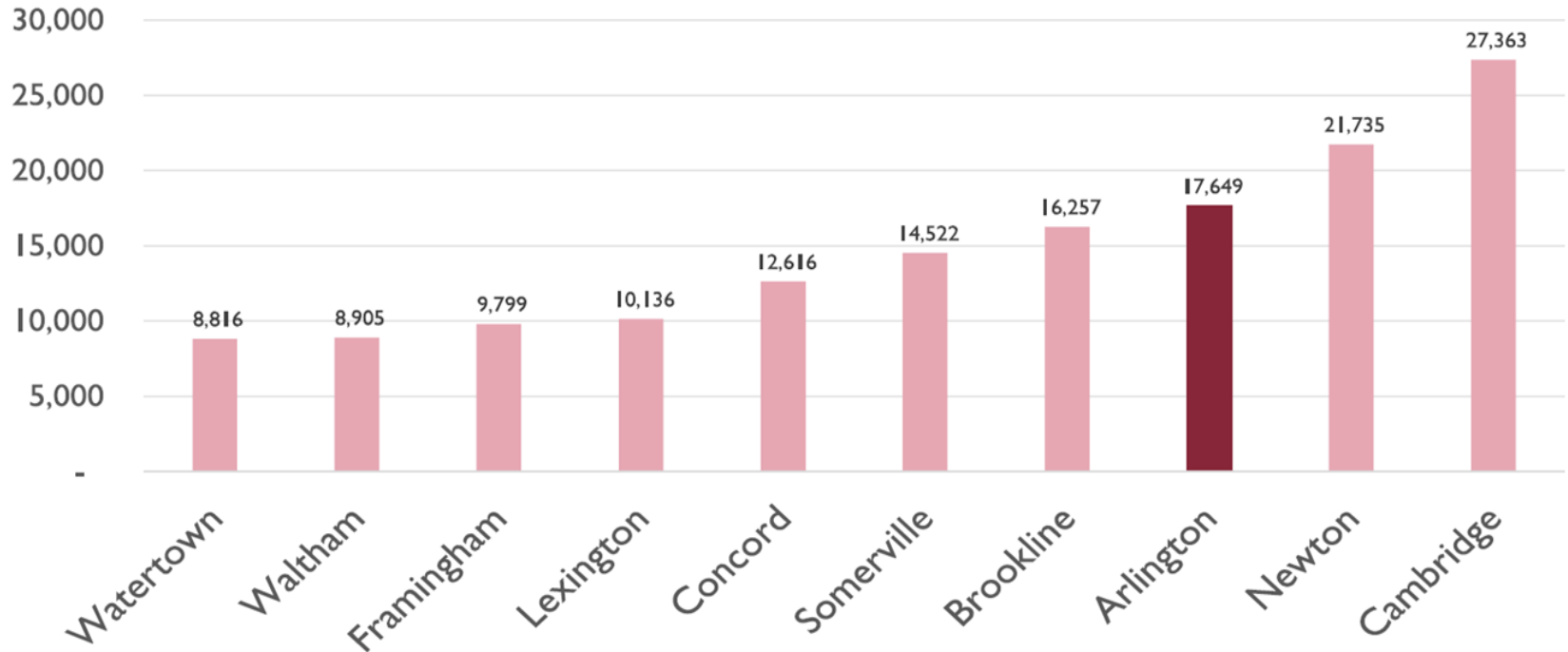
January 25, 2022



# Detail of Current Recommendations Libraries

## Minuteman Library Network (MLN) – \$79,719 in FY23

FY21 Active Library Card-holders – Minuteman Library Network



# Fox and Robbins Construction / Renovations Libraries

## Both Libraries removed from the 5-year Capital Plan

- Although library services continue to be in demand, budgetary constraints require that we postpone construction of a new Fox Library and renovation of Robbins Library

### FY22 PROJECTED CIRCULATION

	FY2019 Actual	FY2020 Actual	FY2021 Actual	FY22 YTD	<b>FY2022 Estimated</b>
<b>Total circulation of materials</b>	749,636	669,692	707,033	458,943	<b>900,000</b>
Physical materials	643,004	520,080	516,134	382,179	
E-content	106,632	149,612	190,899	76,764	

# Fox and Robbins Construction / Renovations

## Libraries

**In FY24, Libraries will request several smaller renovations at Robbins**  
(not yet in Capital Plan)

- Expanded and distinct Teen Room with flexible program space
- Upgrade lighting throughout Robbins: eliminate motion-sensor lighting; improve lighting in dim areas
- Renovate 1st floor bathrooms (2 single-stall)
- Add single-stall gender-neutral bathrooms on 2nd and 3rd floors
- Replace carpeting throughout Robbins
- Replace service desks on 1st floor & Children's Room
- Relocate Technology Department with expanded equipment storage space; create office for a Department Head on the 4th floor staff room
- Add meeting rooms on 3rd floor for groups of 4-6
- 2nd floor Laptop bar with seating overlooking Town Gardens and Mass Ave



# Project Update

## Community Center Renovations



Images: historic doors, interiors ready for occupancy.



### INTERIOR:

- January: Substantial completion & occupancy of the first floor/Health & Human Services
- November: Comptroller, IT, and Facilities moved out of AHS and into swing space on 2nd floor

### EXTERIOR

- Exterior repairs complete before April 2022

### SCHEDULE/OCCUPANCY DELAYED BY 10 MONTHS

- Supplies and manpower impacted by Covid-19
- Eversource delay in bringing permanent power to the building
- Exterior historic doors (red/white oak) and hardware notably delayed due to supply chain issues

### BUDGET OVERTAGE

- Depleted two appropriations \$8.055 M (FY20) & \$250K(FY21)
- ADA-related work to be completed with ADA appropriations town wide ~\$150 K (FY21 and FY22)



# Detail of Current Recommendations

## Town-Owned Buildings

---

Urban Renewal Fund – Consists of 3 buildings:

- **Central School** – Various leases
- **23 Maple Street** – DPW, Inspectional Services, and IT occupy the entire space through October 1, 2022
- **Jefferson Cutter House** – Arlington Redevelopment Board leases the space to the Chamber of Commerce (\$200/month) Cutter Gallery, and the Cyrus E. Dallin Art Museum

Town owns and operates four buildings which have historically been rental properties:

- **Parmenter School** – Arlington Children’s Center occupies back building; lease through June 30, 2024. Front building occupied by the Menotomy Pre-School during AHS project
- **Dallin Library** – Currently no lease, occupied by ACMi
- **Ryder Street** – Now used by DPW
- **Mt. Gilboa House** – Vacant

# Detail of Current Recommendations

## Town-Owned Buildings' P&L

**Town Owned Buildings Profit/Loss (With Debt)**

	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>Projected FY22</b>	<b>Projected FY23</b>
Urban Renewal	(\$51,626.41)	(\$101,997.01)	(\$56,522.50)	(\$54,795.45)	(\$28,574.96)	\$10,319.24
Parmenter School	\$215,370.89	\$218,099.64	\$84,924.37	\$17,397.22	\$16,123.76	\$16,760.91
Dallin Library	\$38,728.29	\$39,322.20	\$44,516.04	\$43,916.04	\$40,116.04	\$40,116.04
Ryder Street	\$133,580.08	\$194,100.24	\$170,569.97	\$0.00	\$0.00	\$0.00
Mt. Gilboa	\$25,711.37	\$12,355.00	\$22,000.00	\$14,000.00	\$0.00	-\$3,000.00
<b>TOTAL</b>	<b>\$361,764.22</b>	<b>\$361,880.07</b>	<b>\$265,487.88</b>	<b>\$20,517.81</b>	<b>\$27,664.84</b>	<b>\$64,196.19</b>

**Town Owned Buildings Profit/Loss (Without Debt)**

	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>Projected FY22</b>	<b>Projected FY23</b>
Urban Renewal	(\$7,782.41)	(\$58,153.01)	(\$7,578.50)	(\$7,451.67)	\$17,168.82	\$54,463.24
Parmenter School	\$215,370.89	\$218,099.64	\$84,924.37	\$17,397.22	\$16,123.76	\$16,760.91
Dallin Library	\$38,728.29	\$39,322.20	\$44,516.04	\$43,916.04	\$40,116.04	\$40,116.04
Ryder Street	\$133,580.08	\$194,100.24	\$170,569.97	\$0.00	\$0.00	\$0.00
Mt. Gilboa	\$25,711.37	\$12,355.00	\$22,000.00	\$14,000.00	\$0.00	-\$3,000.00
<b>TOTAL</b>	<b>\$405,608.22</b>	<b>\$405,724.07</b>	<b>\$314,431.88</b>	<b>\$67,861.59</b>	<b>\$73,408.62</b>	<b>\$108,340.19</b>

# Rescission of Prior Borrowing

---

Motion: VOTED No Action

The Treasurer respectfully requests a vote of favorable action on this article.

# Re-appropriation of Borrowed Funds

## (1 of 3)

---

Motion: That the sum of **\$24,537.45** is hereby transferred from amounts previously appropriated and borrowed under the following warrant articles and for the purposes set forth as follows:

[see following pages]

# Re-appropriation of Borrowed Funds

## (2 of 3)

Amount to be transferred	Warrant Article	Meeting Date	Original Purpose
\$ 1,207.56	58	5/6/2019	Voting Machines
\$ 1,125.92	30	4/25/2018	Building Security Updates
\$ 2,124.33	36	5/16/2016	School Bus #106
\$ 20,000.00	36	5/16/2016	Gateway Project Phase 2 & 3
\$ 79.64	24	4/29/2015	Robbins House Replace HVAC
<b>\$ 24,537.45</b>			<b>Total</b>

# Re-appropriation of Borrowed Funds

## (3 of 3)

...which amounts are no longer needed to complete the projects for which they were initially borrowed, to pay costs of the following as permitted by MGL Ch. 44, §20:

Amount	New Purpose
24,537.45	Clerk's Office - Election Poll Pads
<b>24,537.45</b>	<b>Total</b>

# **Actions Requested of the Finance Committee**

---

- Vote favorable action on our recommended budget and re-appropriation.
- Support the Five-Year Plan.
- Transfer \$10,000 from Perpetual Care to Capital Budget.



# Recommended Vote

## We ask you to vote the capital expenditure budget as follows:

- (1) Appropriation for cash acquisitions: **\$3,426,277**
- (2) Appropriation for debt service: **\$19,144,620**
- (3) Appropriation for "other" acquisitions: **\$3,806,500**
- (4) Appropriation for bonded acquisitions, and authorization of borrowing: **\$2,219,100**

FY 2023 Acquisition Expense by Funding Source		
		% of Total
Cash	\$3,426,277	36%
Bond	\$2,219,100	23%
Other	\$3,806,500	40%
<b>Total Acquisition Expense</b>	<b>\$9,451,877</b>	

- Detail is attached. If we make any subsequent modifications, Fin Comm will have opportunity to review them.

FY 2023 Debt Service Appropriation by Use of Funds	
<b>Water/Sewer Debt Service (voted separately in Water/Sewer Fund budget)</b>	
Prior	\$ 1,775,587
New	\$ -
<b>Total Water/Sewer Debt Service</b>	<b>\$ 1,775,587</b>
<b>Rink Enterprise Fund Debt Service</b>	
Prior (voted separately in Rink Fund budget)	\$ 56,256
New	\$ 11,150
<b>Total Rink Fund Debt Service</b>	<b>\$ 67,406</b>
<b>Rink Fund Debt Payment</b>	<b>\$ 56,256</b>
<b>General Fund Debt Service</b>	
Non-Exempt, Prior	\$ 6,906,168
Non-Exempt, New	\$ 97,600
Rink Debt subsidized by General Fund	\$ 11,150
<b>Non-Exempt Debt Service Subtotal</b>	<b>\$ 7,014,918</b>
<b>Exempt Debt Service</b>	<b>\$ 12,129,702</b>
<b>Total General Fund Debt Service Appropriation</b>	<b>\$ 19,144,620</b>
<i>LESS: Transfers and other sources: Non-Exempt Debt</i>	
Ambulance Fund	\$ 94,231
Antenna Fund	\$ 198,584
Parking Fund	\$ 25,000
Urban Renewal Fund	\$ 44,144
Capital Carryforwards	\$ 258,099
<b>LESS: Transfers and other sources Subtotal</b>	<b>\$ 620,058</b>
<b>Net General Fund Non-Exempt Debt Service Expense</b>	<b>\$ 6,394,860</b>
<b>Transfers and other sources: Exempt Debt Service</b>	
<b>Net General Fund Exempt Debt Service Expense</b>	<b>\$ 12,129,702</b>
<b>NET General Fund Debt Service Expense Total</b>	<b>\$ 18,524,562</b>
<i>(Total GF Exempt &amp; Non-Exempt Debt Service, less Transfers &amp; other sources)</i>	
<b>Cash Capital</b>	<b>\$ 3,426,277</b>
<i>LESS: Transfers and other sources</i>	
<i>Less: Sale of Assets</i>	\$ 946
<b>NET General Fund Cash Capital Expense</b>	<b>\$ 3,425,331</b>
<b>TOTAL NET Capital Appropriation</b>	<b>\$ 21,949,893</b>



# Attachments

---

- FY 2023 Capital Budget
- FY 2023–FY 2027 Capital Plan
- Forecast of New Debt Service

# In Conclusion

We respectfully ask for your support of the Capital Planning Committee's budget recommendation.

Thank you!



Town of Arlington  
Capital Budget FY 2023

	BOND	CASH	OTHER	Grand Total
<b>CLERK'S OFFICE</b>		<b>\$29,480</b>		<b>\$29,480</b>
Election Poll Pads		\$29,480		\$29,480
<b>COMMUNITY SAFETY - FIRE SERVICES</b>	<b>\$934,000</b>	<b>\$25,000</b>		<b>\$959,000</b>
Firefighter Protective Gear		\$25,000		\$25,000
Engine Pumper to Replace #1025.	\$675,000			\$675,000
Replace vehicle #1015 and #1016	\$133,000			\$133,000
Zetron Upgrade	\$126,000			\$126,000
<b>COMMUNITY SAFETY - POLICE SERVICES</b>	<b>\$120,000</b>	<b>\$197,000</b>	<b>\$32,000</b>	<b>\$349,000</b>
Bullet Proof Vest Program		\$22,000		\$22,000
Vehicle Replacement Program		\$140,000		\$140,000
Boiler Replacement	\$120,000			\$120,000
Parking Control Vehicle(s)			\$32,000	\$32,000
Fingerprint Machines Livescan		\$35,000		\$35,000
<b>COUNCIL ON AGING TRANSPORTATION ENTERPRISE FUND</b>			<b>\$15,000</b>	<b>\$15,000</b>
Van Replacement Program			\$15,000	\$15,000
<b>FACILITIES</b>		<b>\$75,000</b>		<b>\$75,000</b>
Town Hall - Renovations		\$75,000		\$75,000
<b>INFORMATION TECHNOLOGY</b>		<b>\$670,000</b>		<b>\$670,000</b>
School - Admin Computers and Peripherals		\$40,000		\$40,000
School - Network Infrastructure		\$80,000		\$80,000
School - Replacement academic PC's district wide		\$400,000		\$400,000
School - Software Licensing		\$40,000		\$40,000
Town Microcomputer Program		\$60,000		\$60,000
Town Software Upgrades & Standardization		\$50,000		\$50,000
<b>LIBRARY</b>		<b>\$79,719</b>		<b>\$79,719</b>
MLN Equipment Schedule		\$79,719		\$79,719
<b>PLANNING</b>		<b>\$175,000</b>		<b>\$175,000</b>
Bike Rack Installation		\$25,000		\$25,000
Townwide ADA accessibility upgrades		\$100,000		\$100,000
Design and engineering consultants		\$50,000		\$50,000
<b>PUBLIC WORKS CEMETERY DIVISION</b>	<b>\$135,000</b>		<b>\$10,000</b>	<b>\$145,000</b>
Backhoe	\$135,000			\$135,000
Headstone Cleaning & Repair			\$10,000	\$10,000
<b>PUBLIC WORKS ENGINEERING DIVISION</b>		<b>\$25,000</b>		<b>\$25,000</b>
Roadway Consulting Services		\$25,000		\$25,000
<b>PUBLIC WORKS HIGHWAY DIVISION</b>	<b>\$350,100</b>	<b>\$1,526,658</b>	<b>\$875,000</b>	<b>\$2,751,758</b>
Chapter 90 Roadway			\$750,000	\$750,000
Fork Lift	\$100,000			\$100,000
Install Sidewalk Ramps - CDBG			\$125,000	\$125,000

Town of Arlington  
Capital Budget FY 2023

	BOND	CASH	OTHER	Grand Total
Roadway Reconstruction		\$350,000		\$350,000
Roadway Reconstruction Override 2011		\$512,033		\$512,033
Sander Body		\$17,500		\$17,500
Sidewalk Ramp Installation		\$65,000		\$65,000
Sidewalks and Curbstones		\$300,000		\$300,000
Snow Plow Replacement		\$12,000		\$12,000
Street Sweeper	\$250,100			\$250,100
Accessibility Improvements (Override 2019)		\$210,125		\$210,125
Traffic Signal Upgrades		\$60,000		\$60,000
<b>PUBLIC WORKS NATURAL RESOURCES DIVISION</b>		<b>\$67,500</b>		<b>\$67,500</b>
Mower Trailer		\$7,500		\$7,500
Tree Chipper		\$60,000		\$60,000
<b>PUBLIC WORKS WATER/SEWER DIVISION</b>			<b>\$2,874,500</b>	<b>\$2,874,500</b>
Drainage Rehab - Regulatory Compliance (Ch-308)			\$350,000	\$350,000
Hydrant and Valve replacement program			\$100,000	\$100,000
Sewer System Rehabilitation			\$900,000	\$900,000
Water System Rehabilitation			\$1,400,000	\$1,400,000
Compressor Truck			\$110,000	\$110,000
Mini-Excavator Trailer			\$14,500	\$14,500
<b>PURCHASING</b>		<b>\$65,920</b>		<b>\$65,920</b>
Photocopier Replacement Program		\$65,920		\$65,920
<b>RECREATION</b>		<b>\$135,000</b>		<b>\$135,000</b>
ADA Study Implementation Program		\$50,000		\$50,000
Feasibility Study		\$10,000		\$10,000
Playground Audit and Safety Improvements		\$75,000		\$75,000
<b>SCHOOLS</b>	<b>\$680,000</b>	<b>\$280,000</b>		<b>\$960,000</b>
All Schools - Photocopier Lease Program		\$120,000		\$120,000
All Schools - Security Updates		\$100,000		\$100,000
All Schools - Ceiling Tile Replacement		\$10,000		\$10,000
Gibbs School Drainage Repairs	\$100,000			\$100,000
Brackett School Playground Renovation	\$80,000			\$80,000
Hardy School Roof Replacement	\$400,000			\$400,000
Brackett School Victaulic Fittings		\$50,000		\$50,000
Peirce School Additional Classrooms	\$100,000			\$100,000
<b>TOWN MANAGER</b>		<b>\$75,000</b>		<b>\$75,000</b>
Big Belly Solar-Powered Trash Compactors		\$75,000		\$75,000
<b>Grand Total</b>	<b>\$2,219,100</b>	<b>\$3,426,277</b>	<b>\$3,806,500</b>	<b>\$9,451,877</b>

Town of Arlington  
Capital Plan FY 2023 - FY 2027

	2023	2024	2025	2026	2027	Grand Total
<b>CLERK'S OFFICE</b>	<b>\$29,480</b>			<b>\$3,080</b>		<b>\$32,560</b>
<b>DEPARTMENTAL PROJECT</b>	<b>\$29,480</b>			<b>\$3,080</b>		<b>\$32,560</b>
Election Poll Pads	\$29,480			\$3,080		\$32,560
<b>COMMUNITY SAFETY - FIRE SERVICES</b>	<b>\$959,000</b>	<b>\$586,000</b>	<b>\$247,000</b>	<b>\$30,000</b>	<b>\$749,000</b>	<b>\$2,571,000</b>
<b>EQUIPMENT REPLACEMENT</b>	<b>\$151,000</b>	<b>\$80,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$35,000</b>	<b>\$326,000</b>
Firefighter Protective Gear	\$25,000	\$30,000	\$30,000	\$30,000	\$35,000	\$150,000
Jaws of Life - Extrication Equipment		\$50,000				\$50,000
Zetron Upgrade	\$126,000					\$126,000
<b>INFRASTRUCTURE IMPROVEMENT</b>		<b>\$94,000</b>	<b>\$100,000</b>		<b>\$185,000</b>	<b>\$379,000</b>
Central station exterior waterproofing			\$100,000			\$100,000
Headquarters - Replacement of Boilers (2)					\$54,000	\$54,000
Headquarters - Replacement of Hot Water Tank					\$27,000	\$27,000
Headquarters - Replacement of Roof Top Unit					\$27,000	\$27,000
Highland - Replacement of (2) Boilers					\$51,000	\$51,000
Highland - Replacement of Hot Water Tank					\$26,000	\$26,000
Park Circle - (4) Air Handlers Replacement		\$54,000				\$54,000
Park Circle - Air Handler (Apparatus bay)		\$18,000				\$18,000
Park Circle - Water Heater		\$22,000				\$22,000
<b>PUBLIC BUILDING MAINTENANCE</b>		<b>\$14,000</b>				<b>\$14,000</b>
Park Circle - Apparatus Bay Heating Unit		\$14,000				\$14,000
<b>VEHICLE REPLACEMENT</b>	<b>\$808,000</b>	<b>\$398,000</b>	<b>\$117,000</b>		<b>\$529,000</b>	<b>\$1,852,000</b>
Engine Pumper to Replace #1025.	\$675,000					\$675,000
Replace vehicle #1015 and #1016	\$133,000					\$133,000
Rescue Ambulance replacing #1026		\$345,000				\$345,000
Rescue Ambulance replacing #1032					\$400,000	\$400,000
Vehicle Replacement - #1017 2012 Ford Escape		\$53,000				\$53,000
Vehicle Replacement - #1018 2012 F250 M2			\$60,000			\$60,000
Vehicle Replacement - #1022 2014 Ford Interceptor			\$57,000			\$57,000
Vehicle Replacement - #1023 2014 Ford Explorer					\$62,000	\$62,000
Vehicle Replacement - #1028 2017 Ford Interceptor					\$67,000	\$67,000
<b>COMMUNITY SAFETY - POLICE SERVICES</b>	<b>\$349,000</b>	<b>\$432,000</b>	<b>\$217,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$1,448,000</b>
<b>EQUIPMENT REPLACEMENT</b>	<b>\$177,000</b>	<b>\$272,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$75,000</b>	<b>\$574,000</b>
Boiler Replacement	\$120,000					\$120,000
Bullet Proof Vest Program	\$22,000	\$22,000	\$25,000	\$25,000	\$25,000	\$119,000
Cooling Tower		\$250,000				\$250,000
Fingerprint Machines Livescan	\$35,000					\$35,000
Specialty Vehicle					\$50,000	\$50,000
<b>VEHICLE REPLACEMENT</b>	<b>\$172,000</b>	<b>\$160,000</b>	<b>\$192,000</b>	<b>\$175,000</b>	<b>\$175,000</b>	<b>\$874,000</b>
Parking Control Vehicle(s)	\$32,000		\$32,000			\$64,000
Vehicle Replacement Program	\$140,000	\$160,000	\$160,000	\$175,000	\$175,000	\$810,000

Town of Arlington  
Capital Plan FY 2023 - FY 2027

	2023	2024	2025	2026	2027	Grand Total
<b>COUNCIL ON AGING TRANSPORTATION ENTERPRISE FUND</b>	<b>\$15,000</b>		<b>\$15,000</b>			<b>\$30,000</b>
<b>VEHICLE REPLACEMENT</b>	<b>\$15,000</b>		<b>\$15,000</b>			<b>\$30,000</b>
Van Replacement Program	\$15,000		\$15,000			\$30,000
<b>FACILITIES</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$375,000</b>
<b>PUBLIC BUILDING MAINTENANCE</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$375,000</b>
Town Hall - Renovations	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
<b>INFORMATION TECHNOLOGY</b>	<b>\$670,000</b>	<b>\$699,000</b>	<b>\$715,000</b>	<b>\$767,500</b>	<b>\$900,000</b>	<b>\$3,751,500</b>
<b>EQUIPMENT REPLACEMENT</b>		<b>\$20,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$50,000</b>
Conference Room Presentation Technology Program		\$20,000	\$10,000	\$10,000	\$10,000	\$50,000
<b>INFORMATION TECHNOLOGY</b>	<b>\$670,000</b>	<b>\$679,000</b>	<b>\$705,000</b>	<b>\$757,500</b>	<b>\$890,000</b>	<b>\$3,701,500</b>
School - Admin Computers and Peripherals	\$40,000	\$42,000	\$45,000	\$47,500	\$50,000	\$224,500
School - Network Infrastructure	\$80,000	\$80,000	\$30,000	\$20,000	\$20,000	\$230,000
School - Replacement Academic PC's District Wide	\$400,000	\$400,000	\$450,000	\$500,000	\$600,000	\$2,350,000
School - Software Licensing	\$40,000	\$40,000	\$50,000	\$55,000	\$75,000	\$260,000
Town Microcomputer Program	\$60,000	\$62,000	\$65,000	\$65,000	\$65,000	\$317,000
Town Software Upgrades & Standardization	\$50,000	\$55,000	\$65,000	\$70,000	\$80,000	\$320,000
<b>LIBRARY</b>	<b>\$79,719</b>	<b>\$145,803</b>	<b>\$72,030</b>	<b>\$69,903</b>	<b>\$70,703</b>	<b>\$438,158</b>
<b>EQUIPMENT REPLACEMENT</b>	<b>\$79,719</b>	<b>\$145,803</b>	<b>\$72,030</b>	<b>\$69,903</b>	<b>\$70,703</b>	<b>\$438,158</b>
Energy Management System		\$70,000				\$70,000
MLN Equipment Schedule	\$79,719	\$75,803	\$72,030	\$69,903	\$70,703	\$368,158
<b>PLANNING</b>	<b>\$175,000</b>	<b>\$150,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$150,000</b>	<b>\$675,000</b>
<b>DEPARTMENTAL PROJECT</b>	<b>\$125,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$525,000</b>
Bike Rack Installation	\$25,000					\$25,000
Townwide ADA accessibility upgrades	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
<b>INFRASTRUCTURE IMPROVEMENT</b>	<b>\$50,000</b>	<b>\$50,000</b>			<b>\$50,000</b>	<b>\$150,000</b>
BLUEBikes expansion/ maintenance		\$50,000			\$50,000	\$100,000
Design and engineering consultants	\$50,000					\$50,000
<b>PUBLIC WORKS ADMINISTRATION</b>					<b>\$850,000</b>	<b>\$850,000</b>
<b>INFRASTRUCTURE IMPROVEMENT</b>					<b>\$850,000</b>	<b>\$850,000</b>
LED Streetlight Replacement					\$850,000	\$850,000
<b>PUBLIC WORKS CEMETERY DIVISION</b>	<b>\$145,000</b>	<b>\$85,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$260,000</b>
<b>DEPARTMENTAL PROJECT</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$50,000</b>
Headstone Cleaning & Repair	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
<b>EQUIPMENT REPLACEMENT</b>	<b>\$135,000</b>	<b>\$75,000</b>				<b>\$210,000</b>
Backhoe	\$135,000					\$135,000
Mini-Excavator		\$75,000				\$75,000
<b>PUBLIC WORKS ENGINEERING DIVISION</b>	<b>\$25,000</b>		<b>\$25,000</b>			<b>\$50,000</b>
<b>DEPARTMENTAL PROJECT</b>	<b>\$25,000</b>		<b>\$25,000</b>			<b>\$50,000</b>
Roadway Consulting Services	\$25,000		\$25,000			\$50,000
<b>PUBLIC WORKS HIGHWAY DIVISION</b>	<b>\$2,751,758</b>	<b>\$2,821,211</b>	<b>\$3,055,217</b>	<b>\$2,930,685</b>	<b>\$3,148,127</b>	<b>\$14,706,998</b>

Town of Arlington  
Capital Plan FY 2023 - FY 2027

	2023	2024	2025	2026	2027	Grand Total
<b>EQUIPMENT REPLACEMENT</b>	<b>\$129,500</b>	<b>\$18,000</b>	<b>\$90,500</b>	<b>\$18,000</b>	<b>\$31,000</b>	<b>\$287,000</b>
Asphalt Pavement Hot Box			\$60,000			\$60,000
Fork Lift	\$100,000					\$100,000
Sander Body	\$17,500	\$18,000	\$18,000	\$18,000	\$18,500	\$90,000
Snow Plow Replacement	\$12,000		\$12,500		\$12,500	\$37,000
<b>INFRASTRUCTURE IMPROVEMENT</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$300,000</b>
Traffic Signal Upgrades	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
<b>ROADS AND PATHS INFRASTRUCTURE</b>	<b>\$2,312,158</b>	<b>\$2,430,211</b>	<b>\$2,548,717</b>	<b>\$2,667,685</b>	<b>\$2,787,127</b>	<b>\$12,745,898</b>
Accessibility Improvements (Override 2019)	\$210,125	\$215,378	\$220,763	\$226,282	\$231,939	\$1,104,487
Chapter 90 Roadway	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
Install Sidewalk Ramps - CDBG	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000
Roadway Reconstruction	\$350,000	\$400,000	\$450,000	\$500,000	\$550,000	\$2,250,000
Roadway Reconstruction Override 2011	\$512,033	\$524,833	\$537,954	\$551,403	\$565,188	\$2,691,411
Sidewalk Ramp Installation	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000
Sidewalks and Curbstones	\$300,000	\$350,000	\$400,000	\$450,000	\$500,000	\$2,000,000
<b>VEHICLE REPLACEMENT</b>	<b>\$250,100</b>	<b>\$313,000</b>	<b>\$356,000</b>	<b>\$185,000</b>	<b>\$270,000</b>	<b>\$1,374,100</b>
1 Ton Dump Truck w-Plow-Sander			\$75,000		\$80,000	\$155,000
10 Wheel Dump Truck.		\$133,000				\$133,000
3/4 Ton Pickup			\$44,000			\$44,000
44,000 GVW, 4WD Truck w-Dump Body			\$185,000			\$185,000
44,000 GVW, 4WD Truck w-Sander		\$180,000		\$185,000	\$190,000	\$555,000
Street Sweeper	\$250,100					\$250,100
Utility Truck (Highway 1)			\$52,000			\$52,000
<b>PUBLIC WORKS NATURAL RESOURCES DIVISION</b>	<b>\$67,500</b>	<b>\$66,000</b>	<b>\$205,000</b>		<b>\$236,500</b>	<b>\$575,000</b>
<b>EQUIPMENT REPLACEMENT</b>	<b>\$67,500</b>		<b>\$135,000</b>		<b>\$166,500</b>	<b>\$369,000</b>
3/4 Ton Pickup w/Liftgate					\$50,000	\$50,000
Enclosed Trailer					\$14,500	\$14,500
Mower 60" Deck					\$20,000	\$20,000
Mower 72" Deck					\$40,000	\$40,000
Mower Trailer	\$7,500					\$7,500
Ride-On Mower					\$42,000	\$42,000
Skid Steer			\$75,000			\$75,000
Stump Grinder			\$60,000			\$60,000
Tree Chipper	\$60,000					\$60,000
<b>VEHICLE REPLACEMENT</b>		<b>\$66,000</b>	<b>\$70,000</b>		<b>\$70,000</b>	<b>\$206,000</b>
1 Ton Pickup Truck w-Dump Body		\$66,000			\$70,000	\$136,000
Utility Vehicles (2)			\$70,000			\$70,000
<b>PUBLIC WORKS WATER/SEWER DIVISION</b>	<b>\$2,874,500</b>	<b>\$3,000,000</b>	<b>\$2,950,000</b>	<b>\$3,006,000</b>	<b>\$3,015,000</b>	<b>\$14,845,500</b>
<b>EQUIPMENT REPLACEMENT</b>	<b>\$124,500</b>	<b>\$100,000</b>			<b>\$65,000</b>	<b>\$289,500</b>
6" High Capacity Pump					\$45,000	\$45,000



Town of Arlington  
Capital Plan FY 2023 - FY 2027

	2023	2024	2025	2026	2027	Grand Total
Compressor Truck	\$110,000					\$110,000
Mini-Excavator Trailer	\$14,500					\$14,500
Pump Station Generator		\$100,000				\$100,000
Trench Box					\$20,000	\$20,000
<b>INFRASTRUCTURE IMPROVEMENT</b>	<b>\$2,750,000</b>	<b>\$2,900,000</b>	<b>\$2,950,000</b>	<b>\$2,950,000</b>	<b>\$2,950,000</b>	<b>\$14,500,000</b>
Drainage Rehab - Regulatory Compliance (Ch-308)	\$350,000	\$400,000	\$450,000	\$450,000	\$450,000	\$2,100,000
Hydrant and Valve replacement program	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Sewer System Rehabilitation	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$4,500,000
Water System Rehabilitation	\$1,400,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,400,000
<b>VEHICLE REPLACEMENT</b>				<b>\$56,000</b>		<b>\$56,000</b>
Utility Truck				\$56,000		\$56,000
<b>PURCHASING</b>	<b>\$65,920</b>	<b>\$66,418</b>	<b>\$61,300</b>	<b>\$52,700</b>	<b>\$41,500</b>	<b>\$287,838</b>
<b>EQUIPMENT REPLACEMENT</b>	<b>\$65,920</b>	<b>\$66,418</b>	<b>\$61,300</b>	<b>\$52,700</b>	<b>\$41,500</b>	<b>\$287,838</b>
Photocopier Replacement Program	\$65,920	\$66,418	\$61,300	\$52,700	\$41,500	\$287,838
<b>RECREATION</b>	<b>\$135,000</b>	<b>\$419,939</b>	<b>\$135,000</b>	<b>\$635,000</b>	<b>\$135,000</b>	<b>\$1,459,939</b>
<b>INFRASTRUCTURE IMPROVEMENT</b>		<b>\$284,939</b>				<b>\$284,939</b>
Menotomy Rocks Park Playground Renovation		\$284,939				\$284,939
<b>PARKS PLAYGROUNDS &amp; FIELDS</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$635,000</b>	<b>\$135,000</b>	<b>\$1,175,000</b>
ADA Study Implementation Program	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Feasibility Study	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Parallel Park				\$500,000		\$500,000
Playground Audit and Safety Improvements	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
Poets Corner Field		\$0				\$0
<b>REDEVELOPMENT BOARD</b>			<b>\$3,697,750</b>			<b>\$3,697,750</b>
<b>MAJOR REPAIRS</b>			<b>\$3,697,750</b>			<b>\$3,697,750</b>
Central School building envelope repairs			\$3,697,750			\$3,697,750
<b>SCHOOLS</b>	<b>\$960,000</b>	<b>\$2,725,000</b>	<b>\$3,115,000</b>	<b>\$3,065,000</b>	<b>\$255,000</b>	<b>\$10,120,000</b>
<b>DEPARTMENTAL PROJECT</b>	<b>\$200,000</b>	<b>\$100,000</b>	<b>\$1,000,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$1,400,000</b>
All Schools - Security Updates	\$100,000	\$100,000	\$50,000	\$50,000	\$50,000	\$350,000
Bishop School Envelope - Window, Masonry			\$950,000			\$950,000
Peirce School Additional Classrooms	\$100,000					\$100,000
<b>INFRASTRUCTURE IMPROVEMENT</b>	<b>\$80,000</b>	<b>\$800,000</b>	<b>\$800,000</b>			<b>\$1,680,000</b>
Bishop School RTUs, EMS Upgrades		\$150,000				\$150,000
Brackett School Playground Renovation	\$80,000		\$800,000			\$880,000
Gibbs School Additional Classrooms		\$250,000				\$250,000
Ottoson Middle School RTUs, EMS Upgrades		\$400,000				\$400,000
<b>MAJOR REPAIRS</b>		<b>\$1,600,000</b>	<b>\$1,000,000</b>	<b>\$2,650,000</b>		<b>\$5,250,000</b>
Bishop School Roof Replacement		\$1,600,000				\$1,600,000
Dallin School RTUs, EMS Upgrades, Boilers			\$400,000			\$400,000
Hardy School Envelope Repairs - Window, Masonry				\$2,200,000		\$2,200,000

Town of Arlington  
Capital Plan FY 2023 - FY 2027

	2023	2024	2025	2026	2027	Grand Total
Hardy School RTUs, EMS Upgrades, Boilers				\$450,000		\$450,000
Peirce School RTUs, EMS Upgrades, Boilers			\$600,000			\$600,000
<b>PHOTOCOPIER PROGRAM</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$600,000</b>
All Schools - Photocopier Lease Program	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$600,000
<b>PUBLIC BUILDING MAINTENANCE</b>	<b>\$560,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$740,000</b>
All Schools - Ceiling Tile Replacement	\$10,000	\$0	\$10,000	\$10,000	\$10,000	\$40,000
All Schools - Energy Efficiency Projects	\$0	\$30,000	\$20,000			\$50,000
All Schools - Flooring	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Brackett School Victaulic Fittings	\$50,000					\$50,000
Gibbs School Drainage Repairs	\$100,000					\$100,000
Hardy School Roof Replacement	\$400,000					\$400,000
<b>STUDENT TRANSPORTATION</b>				<b>\$210,000</b>		<b>\$210,000</b>
Bus #103 Replacement				\$110,000		\$110,000
Bus #107 Replacement				\$100,000		\$100,000
<b>VEHICLE REPLACEMENT</b>		<b>\$50,000</b>	<b>\$140,000</b>		<b>\$50,000</b>	<b>\$240,000</b>
Facilities Vehicle Replacement		\$50,000	\$50,000		\$50,000	\$150,000
Van # 109 - 8 Passenger Explorer			\$40,000			\$40,000
Van #113 - Food Service			\$50,000			\$50,000
<b>TOWN MANAGER</b>	<b>\$75,000</b>					<b>\$75,000</b>
<b>EQUIPMENT REPLACEMENT</b>	<b>\$75,000</b>					<b>\$75,000</b>
Big Belly Solar-Powered Trash Compactors	\$75,000					\$75,000
<b>Grand Total</b>	<b>\$9,451,877</b>	<b>\$11,271,371</b>	<b>\$14,695,297</b>	<b>\$10,944,868</b>	<b>\$9,885,830</b>	<b>\$56,249,243</b>

Town of Arlington  
 Five Year Plan - New Non-Exempt Debt Service  
 FY 2023 - FY 2027

		2024	2025	2026	2027	Grand Total
<b>COMMUNITY SAFETY - FIRE SERVICES</b>		<b>\$ 92,340</b>	<b>\$ 105,372</b>	<b>\$ 116,852</b>	<b>\$ 113,933</b>	<b>\$ 428,498</b>
Central station exterior waterproofing	10			\$ 14,000	\$ 13,600	\$ 27,600
Engine Pumper to Replace #1025.	20	\$ 57,375	\$ 56,194	\$ 55,013	\$ 53,831	\$ 222,413
Park Circle - (4) Air Handlers Replacement	10		\$ 7,560	\$ 7,344	\$ 7,128	\$ 22,032
Park Circle - Air Handler (Apparatus bay)	10		\$ 2,520	\$ 2,448	\$ 2,376	\$ 7,344
Park Circle - Apparatus Bay Heating Unit	10		\$ 1,960	\$ 1,904	\$ 1,848	\$ 5,712
Park Circle - Water Heater	10		\$ 3,080	\$ 2,992	\$ 2,904	\$ 8,976
Replace vehicle #1015 and #1016	10	\$ 17,955	\$ 17,490	\$ 17,024	\$ 16,559	\$ 69,027
Zetron Upgrade	10	\$ 17,010	\$ 16,569	\$ 16,128	\$ 15,687	\$ 65,394
<b>COMMUNITY SAFETY - POLICE SERVICES</b>		<b>\$ 10,200</b>	<b>\$ 32,490</b>	<b>\$ 31,780</b>	<b>\$ 31,070</b>	<b>\$ 105,540</b>
Boiler Replacement	20	\$ 10,200	\$ 9,990	\$ 9,780	\$ 9,570	\$ 39,540
Cooling Tower	20		\$ 22,500	\$ 22,000	\$ 21,500	\$ 66,000
<b>FACILITIES</b>		<b>\$ 13,500</b>	<b>\$ 13,150</b>	<b>\$ 12,800</b>	<b>\$ 12,450</b>	<b>\$ 51,900</b>
Parmenter School Exterior Repairs	10	\$ 13,500	\$ 13,150	\$ 12,800	\$ 12,450	\$ 51,900
<b>PUBLIC WORKS CEMETERY DIVISION</b>		<b>\$ 24,011</b>	<b>\$ 23,336</b>	<b>\$ 22,661</b>	<b>\$ 21,986</b>	<b>\$ 91,993</b>
Backhoe	7	\$ 24,011	\$ 23,336	\$ 22,661	\$ 21,986	\$ 91,993
<b>PUBLIC WORKS HIGHWAY DIVISION</b>		<b>\$ 51,549</b>	<b>\$ 107,408</b>	<b>\$ 138,073</b>	<b>\$ 167,680</b>	<b>\$ 464,710</b>
10 Wheel Dump Truck.	7		\$ 24,320	\$ 23,560	\$ 22,800	\$ 70,680
44,000 GVW, 4WD Truck w-Dump Body	7			\$ 33,829	\$ 32,771	\$ 66,600
44,000 GVW, 4WD Truck w-Sander	7		\$ 32,914	\$ 31,886	\$ 64,686	\$ 129,486
Fork Lift	7	\$ 17,786	\$ 17,286	\$ 16,786	\$ 16,286	\$ 68,143
Street Sweeper	10	\$ 33,764	\$ 32,888	\$ 32,013	\$ 31,137	\$ 129,802
<b>PUBLIC WORKS PROPERTIES DIVISION</b>			<b>\$ 277,584</b>	<b>\$ 481,355</b>	<b>\$ 481,355</b>	<b>\$ 1,240,294</b>
DPW Facility - Site Improvements - Additional 2	30		\$ 277,584	\$ 277,584	\$ 277,584	\$ 832,753
DPW Facility - Site Improvements - Additional Final	30			\$ 203,770	\$ 203,770	\$ 407,540
<b>REDEVELOPMENT BOARD</b>				<b>\$ 332,797</b>	<b>\$ 325,402</b>	<b>\$ 658,199</b>
Central School building envelope repairs	20			\$ 332,797	\$ 325,402	\$ 658,199
<b>SCHOOLS</b>		<b>\$ 65,286</b>	<b>\$ 242,736</b>	<b>\$ 416,352</b>	<b>\$ 654,756</b>	<b>\$ 1,379,130</b>
Bishop School Envelope - Window, Masonry	20			\$ 85,500	\$ 83,600	\$ 169,100
Bishop School Roof Replacement	20		\$ 144,000	\$ 140,800	\$ 137,600	\$ 422,400
Brackett School Playground Renovation	15			\$ 93,867	\$ 91,520	\$ 185,387
Bus #103 Replacement	5				\$ 26,400	\$ 26,400
Bus #107 Replacement	5				\$ 24,000	\$ 24,000
Gibbs School Additional Classrooms	10		\$ 35,000	\$ 34,000	\$ 33,000	\$ 102,000
Gibbs School Drainage Repairs	7	\$ 17,786	\$ 17,286	\$ 16,786	\$ 16,286	\$ 68,143
Hardy School Envelope Repairs - Window, Masonry	20				\$ 198,000	\$ 198,000
Hardy School Roof Replacement	20	\$ 34,000	\$ 33,300	\$ 32,600	\$ 31,900	\$ 131,800
Peirce School Additional Classrooms	10	\$ 13,500	\$ 13,150	\$ 12,800	\$ 12,450	\$ 51,900
<b>Grand Total</b>		<b>\$ 256,886</b>	<b>\$ 802,076</b>	<b>\$ 1,552,670</b>	<b>\$ 1,808,631</b>	<b>\$ 4,420,264</b>

**From:** Kate Leary <kleary@gmail.com>  
**To:** tbradley@town.arlington.ma.us  
**Cc:** Sandy Pooler <SPooler@town.arlington.ma.us>, Timur Yontar <yontar@post.harvard.edu>  
**Date:** 03/08/2022 04:36 PM  
**Subject:** Playground safety reports

---

**CAUTION:** This email originated from outside of the Town of Arlington's email system. Do not click links or open attachments unless you recognize the REAL sender (whose email address in the From: line in "< >" brackets) and you know the content is safe.

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Dear Tara,

Attached, please find the playground inspection reports the Finance Committee requested. These do not have dollar figures attached to them, but they list the issues.

For some additional context, here is a link to the [2019 audit of Arlington playgrounds that identified significant issues](#).

Joe Connelly will attend the Finance Committee meeting on Monday to answer questions. Sandy, Timur and I will also attend.

Best wishes,  
Kate Leary

**Attachments:**

File: <a href="#">ATT00003.txt</a>	Size: 2k	Content Type: text/plain
File: <a href="#">ATT00004.html</a> (Shown Inline)	Size: 6k	Content Type: text/html
File: <a href="#">Arlington Safety Check Stratton.doc</a>	Size: 92k	Content Type: application/msword
File: <a href="#">Arlington Safety Check Pierce Sch doc.doc</a>	Size: 90k	Content Type: application/msword
File: <a href="#">Arlington Safety Check Cutter Playground .doc</a>	Size: 87k	Content Type: application/msword
File: <a href="#">Arlington Safety Check Poets Corner .doc</a>	Size: 96k	Content Type: application/msword
File: <a href="#">Arlington Safety Check Parallel .doc</a>	Size: 97k	Content Type: application/msword
File: <a href="#">Arlington Safety Check McClennan .doc</a>	Size: 89k	Content Type: application/msword
File: <a href="#">Arlington Safety Check Waldo doc.doc</a>	Size: 91k	Content Type: application/msword

File: [Arlington Safety Check Menotomy doc.doc](#)

Size: 91k Content Type: application/msword

File: [Arlington Safety Check Locke doc.doc](#)

Size: 96k Content Type: application/msword

File: [Arlington Safety Check Crosby doc.doc](#)

Size: 90k Content Type: application/msword

File: [Arlington Safety Check Bishop doc.doc](#)

Size: 88k Content Type: application/msword

# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Bishop Elementary School  
Location: 25 Columbia Street Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: Playground Environments  
Age of the Users: 5-12 yr  
Surfacing: Engineered Wood Fibers  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 10, 2021*

*General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended  
Age Appropriate*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be*

*Removed prior to playing on the  
Playground equipment and that adult  
Supervision is recommended.  
ASTM Dec 14 & 15*

*There are no labels*

*Over hanging Branches* *N*

*Barriers between and around the equipment* *The wood edging is in poor condition, an  
Exposed nail was noted on the front edge  
(facing the school). The wood edging  
Shows rot, uneven edges and presents  
Potential trip/fall hazards*

*Other-* *Fencing is in poor condition and is leaning (falling ) into the  
Playground, the fence appears to have been hit*

*Surfacing* *The EWF is low at the swing bays  
Rerake the surface level and supplement with ASTM/CPSC  
Compliant engineered wood fibers, 10” compacted is recommended*

*Equipment & Structures*

*Equipment is free of rust and  
chipping paint* *Rust age and wear are evident and would be  
anticipated of a 26-year-old structure, Typical*

*Consistently monitor the progression to  
Prevent failure or injury*

*SLIDES*

*The spiral slide footer shows heavy rust at the footer*

*The spiral slide deck- shows exposed metal, top and below and feels soft under  
Foot. The deck is structurally deficient. The slide was closed for play on August  
On August 10, 2021*

## *Climbing Equipment*

*All show wear, rust, and age,*

*Roof N/A*

*Upper Body Equipment The Track Ride handle is frozen and no longer moves  
Rust is evident at the frame*

*OH Rings (2) There are open S Hooks which create entanglement hazards*

*Shook wear is aprox < 50%*

*The chains show heavy rust*

*Stairways /Ladders - No action needed*

*Transfer Platform is cracked*

## *Decks*

*There is loose hardware at the tri deck by single slide- retighten the hardware*

*2 Bay Swing – Rust and age are evident throughout the frame and the swing parts  
The upper swing hangers and all of the bolts show wear and age*

*Tot Seats- The eye bolts and clevis wear is <50%  
The chain wear is < 50-50%, remove and replace*

*Belt Seats- The upper eye bolt wear is aprox 50-60% remove and replace  
The chain wear is 50% -remove and replace  
The S Hooks are open which creates potential entanglement hazards,  
Remove and replace with clevis's. The wear is <50%*

*The belt seat frames are <50% worn but show sharp edges at the belt seat*



*Frame, remove and replace*

*NOTE: The structure is located within 100' of hazards, such as vehicular traffic.*

*. It is recommended that the perimeter fencing, should*

*Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subject is an approximately 26-year-old 5-12 yr structure and swing by Playground Environments which are in poor condition. The structure has reached the end of its safe use life and should be closed for play. A plan should be put into place to remove and replace the structure. The spiral slide was closed for play on August 10, 2021*

*The following is a list of recommendations which includes but is not limited to: See above notes and recommendations*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI*

*President*





# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Crosby Playground  
Location: Winter Street Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: Burke  
Age of the Users: 5-12 yr  
Surfacing: Engineered Wood Fibers  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 11, 2021*

*General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended  
Age Appropriate*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be*

*Removed prior to playing on the  
Playground equipment and that adult  
Supervision is recommended  
ASTM sec 14 & 15*

*There are no labels*

*Over hanging Branches            There are over hanging branches at the spiral side and  
At the 2 Bay Swing- Right Side. Prune the branches back  
> Then 84” above the use zones*

*Barriers between and around the equipment            The PVC edging is in poor condition,  
Warped and uneven timbers are evident  
This creates potential trip and fall hazards*

*Other-            There is exposed concrete pad with exposed hardware (out of the use zones)  
But within the play area- which present a potential fall onto a hard surface  
Remove the concrete pad*

*Surfacing            The EWF is extremely low throughout, exposed filter fabric, tree roots  
Which create trip/fall hazards are evident  
Exposed concrete was noted at the tri slide exit (middle slide) and the  
Center support, as well as at the spiral slide exit  
Install new CPSC/ASTM compliant engineered wood fibers beneath the structures and  
Within their use zones  
The playground was closed for play on August 11, 2021*

### *Equipment & Structures*

*Equipment is free of rust and  
chipping paint*

*Rust, age, wear peeling and missing deck  
and stair PVC is evident throughout*

*Consistently monitor the progression to  
Prevent failure or injury*

*NOTE: Exposed bolt projections (more than 2 threads exposed , some of which would fail  
The protrusion test was evident throughout the structure. These create potential*

*Entanglement and protrusion hazards*

*SLIDES*

*spiral slide – There are head entrapments at the deck/tri deck  
There are cracks at the slide exit  
There appears to be a surface crack at the barrier, left side*

*Climbing Equipment -all show age and wear*

*Roof N/A*

*Upper Body Equipment - all show age and wear  
The OH Ladder has heavy rust and the ladder/clamp attachments*

*Stairways- missing peeling PVC and exposed metal is evident*

*The upper stairway (right side of the hex deck) shows missing hardware  
At the handrail, lower left side. Replace the missing hardware*

*Transfer Platform (left side of the structure) shows a badly rusted out kick plate/step  
Which are structurally deficient, it also presents sharp edges.  
The front right post shows heavy rust where the post meets the surface*

*Decks*

*Peeling and missing deck PVC, exposed metal is evident throughout  
There is loose hardware at the braille panel- retighten the hardware  
The upper swing hangers show wear, all swings*

*2 Bay Swing – Rust and age are evident throughout the frame and the swing parts*

*Tot Seats The eye bolts at the tot seats is 50% - remove & replace  
The chain wear is < 50-50%, remove and replace  
The tot seats show age and wear*

*Belt Seats- The eye bolt wear is aprox 60-70% remove and replace  
The chain wear is less than 50%  
The S Hooks are open which creates potential entanglement hazards,  
Remove and replace with clevis's . The wear is <50-50%. Remove and  
Replace*

*The belt seat frames are <50% worn*

*NOTE: The structure is located within 100' of hazards, such as vehicular traffic.*

*. It is recommended that the perimeter fencing, should*

*Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subject is an approximately 15–20-year-old 5-12 yr structure and swing by Burke which are in poor condition and have reached the end of their safe use life. The transfer step/kickplate is badly rusted out and is no longer safe. A plan should be put into place to remove and replace the structures. The structures were closed for play on August 11, 2021*

*The following is a list of recommendations which includes but is not limited to: See above notes and recommendations*

- 1. A plan should be put into place to supplement the surface with ASTM/CPSC compliant engineered wood fibers, 10" compacted is recommended*
- 2. The structure should be checked in its entirety for proper hardware tightness, all missing hardware should be replaced*
- 3. Due to the age of the structure, it should be consistently monitored for progression to prevent failure or accident*
- 4. As always, adequate and consistent adult supervision is recommended to assure that the equipment is used safely and as intended.*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*







# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Locke Playground  
Location: Davis Road Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: Gametime  
Age of the Users: 2-5 yr & 5-12 yr  
Surfacing: Engineered Wood Fibers  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 16, 2021*

#### *General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended  
Age-Appropriate*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that surfaces can become hot, and that draw Strings helmets, and draw strings and*

*Accessories around the neck should be  
Removed prior to playing on the  
Playground equipment and that adult  
Supervision is recommended.  
ASTM Sec 14 & 15*

*There are no labels*

*Over hanging Branches*

*There are overhanging branches over the swing frame and  
Within the front use zone (1<sup>st</sup> Bay) and at the Spring  
Riders. Prune the branches up >84” from finish grade  
And over the frame*

*Barriers between and around the equipment*

*Please be aware, that there is a concrete  
Block wall that is aprox 5’higher than the  
EWF Safety Surfacing below. As the entry ramp  
Attaches To the wall, it would be an area where  
“heavy foot traffic “would be anticipated.  
Having said, it presents a potential fall hazard.  
Further, the rear area has a fully enclosed seat  
And 2 Spring Riders, and hopscotch painted on  
The asphalt adjacent to the wall. All are typically  
used by the 2-5 yr age group. It is recommended that  
Some sort of fall protection be installed on the wall  
To prevent Accident or injury*

*Other- The Funnel Ball and Trike Bike Area- the asphalt is badly cracked and heaved  
At this location which presents potential trip/fall hazards.*

*Other: The perimeter fence by the swing area is in poor condition, loose fabric, top rails  
Are evident*

*Surfacing*

*The EWF is approximately 8” low. Potential Fall Hazard. Install  
Sufficient ASTM/CPSC compliant engineered wood fibers beneath the  
Structures and within the use zones, and by the block retaining wall.  
10” compacted is recommended*

*Equipment & Structures*

*Equipment is free of rust and chipping paint*

*Some Rust, chipping or missing paint is evident*

*Consistently monitor the progression to Prevent failure or injury, TYPICAL*

## *SLIDES*

*All the exist heights are high as the surface is aprox 8" low*

### *Climbing Equipment*

*Clatterbridge – wear and rust are evident at the section to section Hardware and the barriers*

*Roof (2) Higher Roof There is loose hardware in the front right corner, retighten*

*Lower Roof- there is missing hardware in the rear left side, install the Missing hardware*

*There is tape in the rear left corner- this should be further investigated*

*Rust is evident at the frame /supports both roofs*

*Rock Climbing Wall-There is missing hardware between the lower and upper panels- install The missing hardware*

*Rust at the deck/frame is evident*

*There is a cracked handhold, blue, right side. Replace the handhold*

*The tops of the U- Shaped Handholds are either open or missing*

*And present sharp edges- Remove and replace the 3 handles*

*Pod- shows loose play, the set screw is loose- retighten*

*The Ramp- was never secured to the Block Wall but was secure on the day of inspection*

*Upper Body Equipment - N/A*

*Stairways/Decks have begun to show wear and peeling PVC*

*The mid support at the hex deck shows rust and peeling paint  
Rust at the deck/post hardware is evident*

*Spring Animals – Both metal footers are exposed which creates a fall hazard onto a  
Hard surface. Both show age wear and rust  
See above re: surfacing*

*Brown Spring Rocker- Rust at the frame and coils is evident*

*Orange Spring Rocker- Same as above. There is loose play at the upper coil/seat  
Attachment, the cause should be investigated*

*2 Bay Swing – Chipping paint/rust is evident at the frame*

*The screws at the upper clevis's show wear, belt and tot seats*

*The chain wear is < 50 % at the belt seats*

*The 2<sup>nd</sup> Bay Tot seat chains show <50-50% wear remove and replace*

*The S Hook's at the belt seats show less than 50% wear however*

*are open which creates potential entanglement hazards- remove and replace with clevis's*

*Molded Seat parts show <50% wear, rust is evident at the upper eye bolts*

*The belt seats show <50% wear, however sharp edges are appear- remove and replace*

*The fully enclosed tot seat is torn*

*The 2<sup>nd</sup> Bay shows a fully enclosed seat and a molded seat, Note Full bucket seats should  
Be separated from other swings, CPSC 5.3.8.3.2. Install 2 fully enclosed seats or 2  
Molded seats in that bay.*

*NOTE: The structure is located within 100' of hazards, such as vehicular traffic.*

*. It is recommended that the perimeter fencing, should*

*Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 15 +-year-old 2-5 yr & 5-12 yr structures and swings by Gametime which are in average overall condition for their age, however age, rust, peeling PVC and wear are evident and would be expected. Having said that all are nearing the end of their safe use life and a plan should be put into place to remove and replace the structures*

*The following is a list of recommendations which includes but is not limited to: See above notes and recommendations*

- 1. A plan should be put into place to replenish the existing EWF surface, 10" compacted is recommended*
- 2. All labels should be installed so that they are readily visible to the public*
- 3. The structure should be checked in its entirety for proper hardware tightness, all missing hardware and broken parts should be replaced*
- 4. A plan should be put into place to address the trip fall hazards, at the asphalt and the Block retaining wall. All are at locations with definitive play feature markings in the areas*
- 5. Due to the age of the structure, it should be consistently monitored for progression to prevent failure or accident*
- 6. As always, adequate and consistent adult supervision is recommended to assure that the equipment is used safely and as intended.*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*







# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Menotomy Park  
Location: Jason Street Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: Playground Environments  
Age of the Users: 5-12 yr  
Surfacing: Engineered Wood Fibers  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 12, 2021*

#### *General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended  
Age-Appropriate*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be*

*Removed prior to playing on the  
Playground equipment, and that Adult  
Supervision is recommended.  
ASTM Sec 14 &15*

*There are no labels*

*Over hanging Branches      There are overhanging branches, <84” in the use zone  
Right hand side. Prune the branches back >84” from  
The play surface*

*Barriers between and around the equipment      The wood edging shows splinters, uneven  
Edges, rot, age and wear. This creates  
Potential trip/fall hazards*

*Other-                      The Tire Swing seat has been removed*

*Surfacing                      The EWF at both areas, is aprox 8” low. Install ASTM/CPSC  
Complaint engineered wood fibers. Potential Fall Hazard  
10” compacted is recommended. Both Areas*

*Note: although the tire swing has been removed, the area is still being utilized  
For play by children. Further there are Elevated Rubber Tires in the area that  
Are being played on.*

*Equipment & Structures*

*Equipment is free of rust and  
chipping paint*

*Rust age and wear are evident and would be  
anticipated of an aprox 25-year-old structure*

*Consistently monitor the progression to  
Prevent failure or injury*

*SLIDES*

*The spiral slide footer shows heavy rust at the footer*

*The other slide was removed in 2021.*

*Climbing Equipment- all show rust, wear and age*

*Cargo Net – rust and chipping/missing paint and exposed metal (hand grips) is evident  
Chain wear is less than 50%*

*Solid Bridge – the yellow frame/barriers are rusting out*

*Flexible Bridge – there is missing hardware rear right side, and the chains are  
No longer attached.*

*Chain wear varies- some of the lower chain wear is aprox 70 -80%*

*The Bridge was closed for play on August 12, 2021*

*Rigid Climbers -all show heavy rust and the barrier/climber attachments*

*Roof                      N/A*

*Upper Body Equipment    - all show heavy rust, age and wear at the frames*

*OH Rings (2) Heavy Rust is evident at the frames and chains*

*Chain & clevis wear is aprox < 50%*

*The chains show heavy rust*

*Track Ride- The handle is frozen and no longer functions*

*Sliding Pole-there is rust at the pole/barrier attachments*

*The Transfer Step is rusted out the rear*

*Decks*

*No action needed*

*Tire Swing – Has been removed*

*NOTE: The structure is located within 100' of hazards, such as vehicular traffic.  
It is recommended that the perimeter fencing, should  
Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 25-year-old 5-12 yr structure and swing by Playground Environments which are in poor condition and are very near or have reached the end of their safe use life. Due to the age of the structure and the heavy rust on the same and its parts, it is more likely than not, that the structure is no longer structurally sound, but rather structurally deficient and should be closed for play. A plan should be put into place to remove and replace the structure and the swings.*

*The following is a list of recommendations which includes but is not limited to: See above notes and recommendations*

- 1. A plan should be into place to install sufficient ASTM/CPSC engineered wood fibers, 10 "compacted is recommended*
- 2. If the flexible bridge cannot be properly repaired, it should be removed, and the deck closed off. The bridge was closed for play on August 12, 2021*
- 3. The structure should be checked in its entirety for proper hardware tightness, all missing hardware should be replaced*
- 4. Due to the age of the structure, it should be consistently monitored for progression to prevent failure or accident*
- 5. As always, adequate and consistent adult supervision is recommended to assure that the equipment is used safely and as intended.*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*





# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Pierce School  
Location: 85 Park Ave Extension, Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: Landscape Structures  
Age of the Users: 5-12 yr  
Surfacing: Engineered Wood Fibers  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 25, 2021*

#### *General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended  
Age-Appropriate*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be*

*Removed prior to playing on the  
Playground equipment and that adult  
Supervision is recommended.  
ASTM Sec 14 & 15*

*There are no labels*

*Over hanging Branches                      There are over hanging branches at the walkway  
Prune the branches back above the walkway*

*Barriers between and around the equipment      N/A*

*Other-                      See below*

*Surfacing                      The EWF is extremely low throughout, exposed filter fabric, tree roots  
Are evident, all create trip and fall hazards. Supplement the existing  
Surfaces with CPSC/ASTM compliant engineered wood fibers, 10”  
Compacted is recommended. There is exposed concrete at the Pod  
Climber.  
Please note that this also creates a potential trip/fall  
hazard at the perimeter walkway  
The playground was closed for play on August 25, 2021*

### *Equipment & Structures*

*Equipment is free of rust and  
chipping paint    Age, wear, Rust, chipping or missing paint is evident  
typical and anticipated at the age of the structure  
Consistently monitor the progression to  
Prevent failure or injury, TYPICAL throughout*

### *SLIDES*

*8’ Slidewinder – the mid footers are rusted out at the top  
Note: both slides have been hit but were secure on the day of the inspection*

*Climbing Equipment -Summit Climber there is loose hardware at the half barrier, right  
Side, retighten*



*The brown barrier at the summit climber deck presents a Bracket that is badly rusted, upper left corner*

*Arch Bridge- rust is evident at the barriers*

*The bridge shows peeling, missing PVC and exposed metal which has Begun to break down and bubble, sharp edges are evident  
Remove and replace*

*Cliff Climber- the PVC is cracked which creates sharp edges*

*Chain wear at the top is approximately 70% +  
Remove and replace*

*Pod Climber -the upper brackets at the upper frame and the vertical posts*

*Show age and rust*

*The first Pod shows and exposed bolt projection (more than 2 Threads exposed) at the top, this bolt also fails the protrusion test  
Potential entanglement /protrusion hazard. Remove and replace with  
Properly sized hardware.*

*Chain wear at the 1<sup>st</sup> is aprox <50-50% , the last 3 show chain wear  
Of aprox 70% +, remove and replace*

*Circular Cable Climber- Rust is evident at the frame*

*Age and wear are evident at the core cables*

*Deck to Deck Spring Climber- peeling missing PVC and rust are evident*

*Roof            NA*

*Upper Body Equipment - all show age and wear*

*Stairways- The front stairway has loose hardware at the handrail, right side, retighten*

*Peeling PVC, exposed metal and sharp edges are evident – typical*

*Decks    show age and wear, peeling missing PVC , sharp edges*

*Free Standing Climber by the street*

*EWf Surfacing, weed growth and exposed rock are evident – same as above*

*The PVC edging is cracked, front left corner- remove and replace*

*The net footer is exposed – potential fall hazard onto a hard surface*

*Rust age cracked PVC and exposed metal surfaces are evident  
Chain wear is aprox 60%  
The upper hardware net/frame hardware is loose  
The chin up bar shows loose hardware  
This was closed for play on August 25, 2021*

*1 Bay Swing – Rust and age are evident at the frame, ears, clevis's, typical throughout*

*EWf – same as above  
The screws at the upper clevis's show wear  
The chain wear is 60-70%- remove and replace  
The belt seat wear is <50%-50% wear, but show sharp edges, remove and replace  
The S Hook is <50%-50% worn but are open which creates a potential entanglement  
Hazard. Remove and replace with a clevis.*

*The structures and swing were closed for play on August 25, 2021*

*NOTE: The structure is located within 100' of hazards, such as vehicular traffic.  
. It is recommended that the perimeter fencing, should  
Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 20 + year-old 5-12 yr structures and swings by Landscape Structures, all of which show age, wear, rust which would be anticipated at this age. The structures have reached the end of their safe use life and a plan should be put into place to remove and replace them.*

*The following is a list of recommendations which includes but is not limited to: See above notes and recommendations*

- 1. The existing safety surfacing should be supplemented with ASTM/CPSC engineered Wood fibers, 10" compacted is recommended*
- 2. The structure should be checked in its entirety for proper hardware tightness, all missing hardware should be replaced*

3. *Due to the age of the structure, it should be consistently monitored for progression to prevent failure or accident*
5. *As always, adequate and consistent adult supervision is recommended to assure that the equipment is used safely and as intended.*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*





# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Waldo Playground  
Location: Teal Street Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: Gametime & Landscape Structures (Spring Rockers)  
Age of the Users: 2-5 yr & 5-12 yr  
Surfacing: Engineered Wood Fibers  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 11, 2021*

*General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended  
Age-Appropriate*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be*

*Removed prior to playing on the  
Playground equipment and that adult  
Supervision is recommended.  
ASTM Sec14 & 15*

*There are no labels*

*Over hanging Branches            There are over hanging branches at the OH Ladder and the  
1 Bay Swing Right Side, and the Spring Rockers. Prune the  
Branches > Then 84” above the use zones*

*Barriers between and around the equipment    N/A*

*Other-*

*Surfacing            The EWF is extremely low throughout, exposed filter fabric, tree roots  
Which create trip/fall hazards Were evident. Supplement the existing  
Surfaces with CPSC/ASTM compliant engineered wood fibers, 10”  
Compacted is recommended*

*Equipment & Structures*

*Equipment is free of rust and  
chipping paint*

*Some Rust, chipping or missing paint is evident*

*Consistently monitor the progression to  
Prevent failure or injury, TYPICAL*

*SLIDES*

*All the exist heights are high as the surface is aprox 8-10” low*

*Climbing Equipment -Cargo Net – cracked /missing PVC is evident, the middle steps are  
Down to bare metal. The chain wear, which could be viewed is  
50-70 %- Remove and replace. The net is structurally deficient*

*Clatterbridge – wear and rust are evident at the section to section*

### *Hardware*

*There is rust at the climber/barriers- all climbers*

*Roof                    There is missing hardware at the roof panels- install the missing Hardware*

*Rust is evident at the frame /supports*

*Upper Body Equipment - all show age and wear*

*OH Rings – the clevis wear is <50% , the clevis screws show Wear, rust is evident*

*Stairways- The PVC has begun to peel*

*The transfer platform and step footers show rust*

*Note: The transfer platform height is 26 ½” (should be between 11-`18”)*

*And the step height is 16 ½” (should be 8”)*

### *Decks*

*The deck-to-deck hardware is missing (typical all). Install the missing hardware*

*The arch bridge /deck hardware is missing both sides, install the missing hardware*

*Rust is evident at the deck/post hardware*

### *Spring Animals*

*Sea Horse- shows loose play at the at the footer and at the spring coil /seat attachment*

*This is most likely due to age and use. Remove and replace*

*There a missing hardware cap- replace the missing cap*

*Car- there is missing hardware at the # 8 sign panel- replace the missing hardware*

*NOTE: Both metal footers and plastic sonotubes are exposed which are potential fall hazards*

*See above regarding the safety surfacing*

*1 Bay Swing – Rust and age are evident at the upper clamps*

*The screws at the upper clevis's show wear*

*The chain wear is < 50 %*



*The 2<sup>nd</sup> tot seat shows age and wear, the left seat is new*

*The 2<sup>nd</sup> Tot Seat S Hook is <50% worn but is open which creates a potential entanglement Hazard. Remove and replace with a clevis.*

*Rear 2 Bay Swing*

*EWf- same as above*

*Rust and age are evident at the swing frame and upper hangers*

*Belt Seats- The upper clevis wear is <50-50% remove and replace*

*The chain wear is aprox 50% remove and replace*

*The S Hooks are open which creates potential entanglement hazards,*

*Remove and replace with clevis's. The wear is <50-50%. Remove and Replace*

*The belt seat frames show 50% wear and extremely sharp edges. The frames have Begun to twist away from the belt seats. Remove & replace*

*The swings were closed for play on August 11, 2021*

*NOTE: The structure is located within 100' of hazards, such as vehicular traffic.*

*. It is recommended that the perimeter fencing, should*

*Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 15 + year-old 2-5 yr & 5-12 yr structures and swings by Gametime and Landscape Structures, all show age, wear, and use.*

*The following is a list of recommendations which includes but is not limited to: See above notes and recommendations*

- 1. A plan should be put into place to install all labels*
- 2. The existing safety surfacing should be supplemented with ASTM/CPSC engineered Wood fibers, 10" compacted is recommended*
- 3. The structure should be checked in its entirety for proper hardware tightness, all missing hardware should be replaced*

4. *Due to the age of the structure, it should be consistently monitored for progression to prevent failure or accident*
4. *The cargo net should be removed and replaced*
5. *As always, adequate and consistent adult supervision is recommended to assure that the equipment is used safely and as intended.*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*





# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Cutter Playground  
Location: 1 School Street Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: 2-5 yr & 5-12 yr Miracle Recreation  
Age of the Users: 2-5 yr & 5-12 yr  
Surfacing: Engineered Wood Fibers  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 26, 2021*

*Definitions Playground Hazard Priority Category, PHP*

*General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that*

*Age-Appropriate*

*surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be Removed prior to playing on the Playground equipment and that adult Supervision is recommended. ASTM Sec 14 & 15*

*There are no labels*

*Over hanging Branches      There are overhanging branches, <84” at the walkway  
Prune back the branches so that >84 above  
The walkway, the structures, and the use zones*

*Barriers between and around the equipment*

*Other-      Heaving cracking is evident in the asphalt at the walkways, this  
Creates potential trip and fall hazards.*

*Surfacing*

*The engineered wood fibers is very low which creates  
Potential Fall hazards    - The playground and swings were closed for play on  
August 26, 2021.*

*Both areas should be supplemented with CPSC/ASTM compliant  
Engineered wood fibers, 10” compacted is recommended*

*Equipment & Structures*

*Equipment is free of rust and  
chipping paint*

*All structures*

*Age, wear, Rust is evident and would be anticipated of a  
Structures of this age. Typical throughout  
The decks and stairs are structurally deficient, exposed metal,  
Rusted and very worn deck mesh, cracked frames and sharp  
Edges are evident*

*SLIDES*

*5-12 yr*

*Spiral Slide    The deck shows exposed metal, missing PVC and the frame is no longer  
Structurally deficient*

*The roof at the slide is cracked*  
*DBL Slide there is loose hardware at the slide /deck – retighten*  
*Climbing Equipment*

*5-12 yr – Red Rigid Climber-There is heavy rust at the barrier/deck attachment,*  
*The hardware appears to be wearing through*

*Roof- there are missing rivets at the roof support/posts, at the 3 posts*

*Upper Body*

*Spinner – there are loose rivets/set screws at the upper clamp, left side – retighten*  
*Rust is evident frame/steering wheel*

*OH Ladder- there are missing clamp rivets at the climbing ladder and the*  
*OH ladder, rear. Install the missing rivets*

*Stairs –*

*Front & Rear- both show missing PVC exposed metal and badly compromised and heavily*  
*Rusted mesh, both feel soft under foot, The stair/deck attachments show*  
*Heavy rust.*

*Rear Stair way – Stair /deck attachment and frames are compromised, weak*  
*And are structurally deficient*  
*The handrail is missing the lower endcaps, all 4 corners*

*Transfer Platform & Step - same as above*

*Decks- same as above. All show exposed metal, rusted and worn mesh, the square deck*  
*Show a cracked deck frame, exposed rusted metal is evident below the decks.*

*Note: Exposed bolt projections, (more than 2 threads exposed) many of which would also*  
*Fail the protrusion test, are evident throughout the structure. These present potential*  
*Entanglement and/or protrusion hazards.*

*2 Bay Swing – age, missing paint is evident on the frame and the swing ears*  
*The EWF is very low, exposed mirafi and rocks were noted at the swing*  
*Bays, 1<sup>st</sup> Bay – see above*  
*Chain & Clevis wear is <50%*

*The bolts at the upper clevis's show wear  
The belt seat wear is <50% but show sharp edges- remove and replace*

*Free Standing Climber – age wear and rust are evident  
There is a missing end cap, front left side- replace*

*The structures and swing were closed for play on August 26, 2021*

*NOTE: The structures are located within 100' of hazards, such as vehicular traffic.  
. It is recommended that the perimeter fencing, should  
Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 20 +-year-old 5-12 yr structures by Miracle Recreation.  
The EWF is extremely low and the 5-12 yr structure has reached the end of its safe use life  
And was closed for play on August 26, 2021. A plan should be put into place the remove and  
replace the structure*

*The following is a list of recommendations which includes but is not limited to: See above  
notes & recommendations*

- 1. Install sufficient EWF in the swing area, which should be ASTM/CPSC compliant, 10”  
Compacted is recommended*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*







# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: McClennan Playground  
Location: Summer Street Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: Landscape Structures  
Age of the Users: 2-5 yr & 5-12 yr  
Surfacing: Poured in Place Rubber  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 10, 2021*

*Definitions Playground Hazard Priority Category, PHP*

*General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that*

*Age Appropriate*

*surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be Removed prior to playing on the Playground equipment and that adult Supervision is recommended. ASTM Sec 14 & 15*

*2-5 yr structure has no labels*

*5-12 yr has hard surface and manufacturer identification label*

*Over hanging Branches* N

*Barriers between and around the equipment* N/A

*Other-*

*Surfacing* Poured in Place Rubber- no issues noted

*Equipment & Structures*

*Equipment is free of rust and chipping paint*

*all structures*

*Rust was noted and would be anticipated of a Structures of this age*

*Consistently monitor the progression to Prevent failure or injury*

*SLIDES*

*5-12 yr DBL slidewinder – there is loose hardware at the exit, retighten the hardware  
Left side slide*

*Climbing Equipment*

*2-5 yr Crawl Tube there is missing hardware at tube/panel, lower right corner -replace  
The missing hardware.*

*The below the deck play element shows missing panel hardware, 3 locations  
Replace the hardware. The Blue window panel upper right side, yellow side panel  
Upper right side, yellow panel/bench left side*

*5-12 yr – Rock Climber there is missing hardware at the rock climber@ the half panel and  
Yellow filler strip, Rock/deck attachment, 2 sets*

*The Rock Climber surface is flaking and shows sharp, rough edges*

*Red Climbing Cables show wear and exposed metal strands- remove and replace  
There is hardware at the yellow half panel that fails the protrusion test-  
Right side-Remove and replace with properly sized hardware*

*The yellow half panel on the opposite side show multiple nuts  
Which are loose, remove and replace with hardware provided by the  
Manufacturer*

*Clatter bridge – the hardware appears loose- check the hardware for proper  
Hardware tightness  
Rust is evident at the barriers*

*Lower Stair – there is missing hardware at both upper and lower decks  
Middle Stair – there is missing hardware at the handrail, left side –replace  
The missing hardware. The PVC coating has worn off the  
Handrail, left side. Exposed metal is evident*

*The lower stairs and Transfer Platform show missing and peeling PVC  
Which creates sharp edges –*

*Decks- show some wear*

*The red barriers show worn, missing PVC, and some metal edges*

*Spring Animal Airplane - shows missing hardware at the middle yellow pane  
And missing hardware caps 3  
Replace the missing hardware and the caps*

*Roof N/A*

*Upper Body Equipment N/A*

*1 Bay Swing – the chain wear is aprox 60% remove and replace*

*The belt seats show age and wear and exposed metal -remove and replace  
Rust is evident at the upper beam/arch connections*

*NOTE: The structures are located within 100' of hazards, such as vehicular traffic.*

*. It is recommended that the perimeter fencing, should*

*Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 15 +-year-old 2-5 yr.& 5-12 yr structures by Landscape Structures which show rust, wear, peeling and missing PVC and would be anticipated of structures at this age and its well-attended location. The structure is nearing the end of its safe use life. A plan should be put into place to remove and replace the structures*

*The following is a list of recommendations which includes but is not limited to: See above notes & recommendations*

- 1. A plan should be put into place to install age appropriate and warning labels, readily visible to the public*
- 2. The structure should be checked in its entirety for proper hardware tightness, all missing hardware should be replaced. Any non-manufacturer supplied installed hardware should be removed and replaced with hardware provided by the manufacturer. See above regarding the bolt at the half panel that fails the protrusion test*
- 3. Due to the age of the structures, it should be consistently monitored for progression to prevent failure or accident*
- 4. As always, adequate and consistent adult supervision is recommended to assure that the equipment is used safely and as intended.*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*





# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Parallel Playground*

*Location: Corner of Parallel and Medford Streets, Arlington Mass*

*Owner: The Town of Arlington*

*Equipment Type: Landscape Structures & Burke*

*Age of the Users: 2-5 yr & 5-12 yr*

*Surfacing: Engineered Wood Fibers*

*Reviewed By: Jody E. Reale, CPSI*

*Date of Inspection: August 12, 2021*

#### *General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification*  
*Warning Label (Hard & Hot Surface)*  
*Draw Strings*  
*Adult Supervision is recommended*  
*Age Appropriate*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be*

*Removed prior to playing on the  
Playground equipment and that adult  
Supervision is recommended, ASTM  
Sec 14 & 15*

*2-5 yr structure has no labels*

*5-12 yr has no labels*

*Over hanging Branches*

*There are overhanging branches, <84" at the walkway  
And over the rear 2 Bay Swing. Prune back the branches  
So that they are >than 84" above the walkway, use zones or  
Swing frames*

*Barriers between and around the equipment*

*The wood edging shows age, splinters  
Sharp edges*

*There is a section in the rear play area, right corner which is rotted out and shows an  
exposed nail, a broken timber and missing timbers. The nail and broken/rotten timbers  
should be removed*

*Other-*

*The asphalt walkway shows heaving and cracking (due to tree roots) which  
Creates trip/fall hazards.*

*Surfacing*

*Engineered Wood Surfacing*

*The surface is approximately 8-10" low, exposed filter fabric and tree roots are  
Evident, these create additional trip/fall hazards. There is exposed concrete at  
The 2-5 yr DBL slide exit and the rear front right hand leg at 2<sup>nd</sup> Bay Swing  
Rear Play Area. Hard subgrade materials were evident at the swing bay, rear  
2 Bay Swing*

*The playground was closed for play on August 12, 2021*

*The playground should be supplemented with CPSC/ASTM compliant engineered wood  
fibers, 10" compacted is recommended*

*Equipment & Structures*

*Equipment is free of rust and  
chipping paint*

*evident at all structures*

*Rust was noted and would be anticipated of a  
Structures of this age*

*Consistently monitor the progression to  
Prevent failure or injury*

*SLIDES*

*Front 2-5 yr LSI Structure  
No action needed*

*5-12 yr Burke - Spiral Slide*

*The exit shows cracks*

*There is missing hardware at the slide section (between the top section and # 2  
Section. Replace the missing hardware*

*The footer shows heavy rust*

*There are head entrapment hazards between the spiral slide deck and the tri  
Deck*

*DBL Slide – there are cracks at the slide exit*

*There is not enough fall protection at this deck*

*Climbing Equipment*

*2-5 yr Block Climber there is missing hardware at the blocks, approx 11sets replace the  
Hardware, the climber shows loose hardware at the blocks/deck. Retighten the hardware*

*The footer is badly rusted, the front corner shows missing PVC and  
Exposed metal*

*5-12 yr – Burke - the cargo net shows peeling cracked and missing PVC coating*

*Exposed metal is evident*

*The lower footer is exposed which creates the potential for a fall onto  
A hard surface – see above regarding the safety surfaces*

*Chain/Part wear which was visible is >50%. Remove and replace*

*There is insufficient fall protection at this deck, typical at the climbers*

*The net is structurally deficient and unsafe for play*

*Other Climbers- wear age missing worn paint are evident-see above regarding fall  
protection*

*Spring Rockers - Both show exposed footer plates which creates a fall onto a hard surface  
2-5 yr*

*Fire Engine shows 2 missing hardware caps, missing hardware at the steering  
Wheel, front right side, and loose hardware at the ladder, left side.  
Retighten the hardware and replace the missing hardware and caps*

*Elephant –is missing 1 hardware cap, and loose hardware at the top cross  
Bar. Retighten the hardware and replace the missing hardware cap*

*Roof N/A*

*5-12 yr Burke*

*Upper Body Equipment OH Ladder age rust are evident*

*Stairways /Decks peeling worn missing PVC and exposed metal is evident  
See above regarding insufficient fall protection at the decks*

*There is a head entrapment hazard between the front tri deck and the lower cross/step bar*

*There is missing hardware at the 2<sup>nd</sup> tri deck/kickplate, 2 top sets, 2 bottom sets. Rear  
structure*

*The kick plate between the 2<sup>nd</sup> & 3<sup>rd</sup> kickplate shows heavy rust – rear structure*

*Note- there are exposed bolt projections (more than 2 threads exposed) some of which would  
Fail the protrusion test, throughout the structure. These create potential entanglement  
And or protrusion hazards*

*Other- Free Standing Climber, LSI*

*The lower frame is exposed which creates a fall onto a hard surface, see above  
Regarding the safety surfacing*

*There is missing hardware at the post, circular climber, front post. Replace  
The missing hardware*

*Age and wear are evident*

*1 Bay Swing – Weed growth is evident in the swing use zone. Remove the weed and install  
2-5 yr Sufficient EWF under the swings and within the use zones*

*Rust is evident at the upper swing beam and arch connections and the swing parts*

*The chains are rubber coated and show some cracking.  
Chain wear that was visible is approx <50-50% . Remove and replace*

*2 Bay Swing 5-12 yr*

*Safety Surfacing same as above. Hard subgrade materials were evident at the  
Beneath the swing seats*

*Rust and chipping paint is evident on the swing frame, notably bad where the legs  
Come in contact with the ground surface. The upper clevis' show heavy rust*

*The swing parts at the molded seat show <50% wear, rust is evident at the eye bolts  
Belt seat chain wear is <50-50% wear- remove and replace*

*The 1<sup>st</sup> Bay Belt seat shows an open S Hook with 60-70% wear-*

*The 1<sup>st</sup> Belt seat in the 2<sup>nd</sup> Bay shows lower clevis wear of approx 70% wear*

*All the belt seats show age and heavy wear at the clevis/seat connection- remove  
And replace.*

*The swing & structures were closed for play on August 12, 2021*

*NOTE: The structure is located within 100' of hazards, such as vehicular traffic.*

*. It is recommended that the perimeter fencing, should*

*Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 15- 20-year-old 2-5 yr & 5-12 yr structures by Landscape Structures and Burke. The 2-5 yr structures and swings are in average overall condition for the age. The 5-12 yr Burke Structure and rear 2 Bay swing are in poor condition and have*

*reached the end of their safe use life. Further the 5-12 yr Burke has insufficient fall protection at most of the decks and 2 head entrapments. Both should be closed for play.*

*The following is a list of recommendations which includes but is not limited to: See above notes and recommendations*

- 1. A plan should be put into place to install all labels*
- 2. A plan should be put into place to install sufficient engineered wood fibers under the structures and within their use zones. All EWF materials should comply with ASTM F 1292, 2073 and 1951*
- 3. The structures should be checked in its entirety for proper hardware tightness, all missing hardware should be replaced*
- 4. Due to the age of the structures, they should be consistently monitored for progression to prevent failure or accident*
- 5. As always, adequate and consistent adult supervision is recommended to assure that the equipment is used safely and as intended.*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*







# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Poets Corner Playground  
Location: 175 Dow Ave Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: Landscape Structures & Unknown 2 Bay Swing  
Age of the Users: 2-5 yr & 5-12 yr  
Surfacing: Sand  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 16, 2021*

*General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

*Labels Manufacturer Identification  
Warning Label (Hard & Hot Surface)  
Draw Strings  
Adult Supervision is recommended  
Age-Appropriate*

*Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be*

*Removed prior to playing on the  
Playground equipment and that adult  
Supervision is recommended. ASTM  
Sec 14 & 15*

*There are hard surface & draw string labels at the slide winder  
There is a hard surface label at the single slide  
There are no other labels.*

*Over hanging Branches          N/A*

*Barriers between and around the equipment          The wood edging along the right side is  
Loose, and broken which creates potential  
Trip and fall hazards, remove the loose broken  
edging*

*Other-          The asphalt walkway at the rear of the playground shows cracked heaving  
Asphalt which creates potential trip and fall hazards*

*Surfacing          Sand  
Please be aware that CPSC Table 2 says that 9" of compacted sand reaches  
A Critical Fall Height of 4'. The structure & Both swings have fall heights greater than 4'  
Weed/Grass Growth was evident in both swing use zones  
Sand is not an accessible surface. Potential Fall Hazard*

*Equipment & Structures*

*Equipment is free of rust and  
chipping paint          Rust chipping and missing paint is evident -all structures*

*Rust was noted and would be anticipated of a  
Structures of this age  
Consistently monitor the progression to  
Prevent failure or injury*

*SLIDES*

*The mid support at the slidewinder shows heavy rust*

*There is loose hardware at the curved slide exit- retighten the hardware*

### *Climbing Equipment*

*The wiggle ladder shows missing cracked PVC, exposed metal is evident*

*The lower chain, lower right side is badly rusted out and more likely, than Not, deficient*

*Chain wear which could be seen is approx <50-50%*

*The hand loop, left side, is badly rusted out and presents sharp edges*

*Clatterbridge – bridge sections and parts shows exposed metal, age and rust*

*The bridge hangs unevenly*

*The chain could not be viewed no statement can be made*

*The circular climber at the post- the step frames are rusted out, the PVC is worn*

*On the steps which creates sharp edges at the corners*

*Roof (2) Arch Roofs- rust is evident at the frames*

*The roof tops are bent*

*Upper Body Equipment the chin up bar is badly rusted out*

*Vertical Ladder -Is badly rusted out at the hand support, upper right side, exposed*

*And sharp metal is evident*

*There is loose hardware at the hand support, left side*

*Talk Tubes- Both inner cones show rust. The upper talk tube is beginning to show*

*Sharp edges*

*Stairways /Decks peeling worn missing PVC and exposed metal is evident*

*The transfer step shows exposed metal, both sides. The transfer platform footer*

*Is Badly rusted out, right side*

*The first step presents badly compromised and separated metal in the middle*

*And on the right side, both are structurally deficient*

*The playground was closed for play on August 16, 2021*

*The Bubble Panel is cracked*

*The barrier at the square deck by the circular climber is badly rusted out, lower left corner*

*Note- there are exposed bolt projections (more than 2 threads exposed) some of which would fail the protrusion test, throughout the structure. These create potential entanglement and or protrusion hazards*

*Other- Free Standing Climber, Manufacturer is unknown*

*The frame shows rust, age, weakness and sharp edges  
The top of the frame is bent at several areas  
Exposed bolt projections ( more than 2 threads exposed) are evident  
Throughout. These create potential entanglement hazards*

*Super Scoops (2)*

*Both show rust, age and loose play  
There is an exposed concrete footing at the Super Scoop, right side  
Super Scoop Left side- The bucket is cracked (which creates a sharp edge )  
The boom is broken*

*1 Bay Swing*

*Rust is evident at the upper swing beam and arch connections and the upper clevises. Consistently Monitor*

*Chain wear is <50%  
Clevis and enclosed seat bolts show wear, consistently monitor*

*Note: The use zone on the right side is less than 6', its 4'6" to the asphalt*

*2 Bay Swing*

*Exposed asphalt is evident beneath the molded seat*

*Age, Rust and missing paint is evident on the swing frame and upper swing hangers*

*Belt seat chain wear is 50% wear- remove and replace  
The upper clevis's at the belt seat show approx 70% wear, lower clevis's 50%  
The S Hooks at the belt & molded seats show <50% wear, but are open which creates potential entanglement hazards, replace with clevis's  
The chain wear at the molded seats is between 50-90%*

*Note: the use zone on the right side is less than 6', its 5'1" to the asphalt*

*NOTE: The structure is located within 100' of hazards, such as vehicular traffic.*

*. It is recommended that the perimeter fencing, should*

*Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 20-year-old 5-12 yr structure by Landscape Structures, 1 Bay Swing, and Super Scoops. The manufacturer of the free-standing climber and 2 Bay Swing are unknown. The LSI structures, the freestanding climber and the 2 Bay Swing are in poor, unsafe condition and have reached the end of their safe use life. Further, as the fall height of the 1 Bay Swing is greater than 4', it is more likely than not, that the existing sand has a critical fall height less than the fall height of the 1 Bay swing, 5'8" -6'. The playground was closed for play on August 16, 2021, and should remain closed for play. A plan should be put into place to remove and replace the structures and surfacing.*

*The following is a list of recommendations which includes but is not limited to: See above notes and recommendations*

*See above*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*





# *Reale Associates*

## *Incorporated*

### *Complete Playground Services*

*P.O. Box 2316  
Ocean Bluff, Mass. 02065*

*Tel: 781.837.6136  
Fax: 781.837.4841  
Realeassoc@aol.com*

### *Playground Safety Check*

*Playground/Park: Stratton School  
Location: 180 Mountain Ave Arlington Mass  
Owner: The Town of Arlington  
Equipment Type: 2-5 yr Iron Mountain Forge & 5-12 yr Little Tikes  
Age of the Users: 2-5 yr & 5-12 yr  
Surfacing: Poured in Place Rubber & Engineered Wood Fibers  
Reviewed By: Jody E. Reale, CPSI  
Date of Inspection: August 24, 2021*

*Definitions Playground Hazard Priority Category, PHP*

*General Playground Concerns:*

<i>Signage: Name of the Playground</i>	<i>N</i>
<i>Age Appropriateness</i>	<i>N</i>
<i>Playground Rules</i>	<i>N</i>
<i>911 Number</i>	<i>N</i>

<i>Labels</i>	<i>Manufacturer Identification Warning Label (Hard &amp; Hot Surface) Draw Strings Adult Supervision is recommended</i>	<i>Labels should be installed to advise the public of the age appropriateness of the structure, and to communicate the messages regarding hard surfaces, that</i>
---------------	---	---



*Age-Appropriate*

*surfaces can become hot, and that draw Strings helmets, and draw strings and Accessories around the neck should be Removed prior to playing on the Playground equipment and that adult Supervision is recommended. ASTM Sec 14 & 15*

*2-5 yr structure has a hard surface and manufacturer identification*

*5-12 yr has a 5-12 yr age-appropriate label and adult supervision label*

*Over hanging Branches      There are overhanging branches, <84” at the walkway, at the 5-12 yr structure, the matrix climber, and the free standing Cable climber. Prune back the branches so that >84 above The walkway, the structures, and the use zones*

*Barriers between and around the equipment*

*Note: washout onto the PIP is evident throughout. This creates potential trip and falls Hazards as well prematurely ages the surfacing*

*Other-      Heaving cracking is evident in the asphalt at the water play area, this Creates potential trip and fall hazards.*

*Surfacing PIP      See above weed growth is evident in the PIP*

*The engineered wood fibers at the swing areas is very low which creates Potential Fall hazards - Both swing areas were closed for play on August 24, 2021 Both areas should be supplemented with CPSC/ASTM compliant Engineered wood fibers, 10” compacted is recommended*

*Equipment & Structures*

*Equipment is free of rust and chipping paint*

*All structures*

*Age, wear, Rust is evident and would be anticipated of a Structures of this age.*

*5-12 yr      many of the clamps show heavy rust, typical throughout*

*Consistently monitor the progression to Prevent failure or injury*

## *SLIDES*

*2-5 yr*

*Enclosed Tube Slide there is missing hardware at the panel/bracket, bottom left side-  
replace the missing hardware*

*5-12 yr – the red curved slide -there is missing hardware at the barrier/upper top bar  
Upper left side- replace the missing hardware*

## *Climbing Equipment*

*2-5 yr Crawl Tube there is a missing upper bracket, front right side- replace*

*Yellow ladder-there is missing hardware -upper right corner- replace*

*5-12 yr – Clatterbridge- rust, exposed metal, sharp edges are evident  
The horizontal bridge section /bridge section rod has become dislodged at  
The upper bridge section- the rods hold the panels together*

*Arch Bridge- exposed metal is evident, a section of the metal has broken away/off  
And the frame is exposed in that area. The bridge is structurally  
Deficient and unsafe for use*

*Circular Climber- there is heavy rust at the hand loop clamp, right side*

*Rear Ring Climber- rust is evident at the upper frame  
The red cables show fray and exposed metal bands  
Chain wear is approximately 50-70%  
Remove and replace the cables and chains*

*2-5 yr Stairs*

*The stairs show peeling and missing PVC, exposed metal which creates  
Sharp edges  
The PVC at the transfer platform & step is beginning to peel*

*5-12 yr the front step is badly rusted and has rusted thru and is unsafe for use  
The frame is pulling away from the stair  
There is missing hardware at the handrail/step, upper left side – replace*

*Peeling PVC, sharp edges is evident typical*

*2-5 yr Decks-*

*There is missing hardware at the steering wheel panel at the panel bracket/post- replace  
There is missing hardware at the animal panel, panel /deck, lower left side- replace*

*5-12yr*

*The decks all feel soft under foot*

*The deck frames at the tri deck/balcony deck and the front square deck (at the  
Curved slide have separated from the decks and are structurally deficient*

*Most show missing PVC, exposed metal with sharp edges*

*Deck to deck vertical ladder- same as above*

*The green play panel has loose & missing hardware, bottom left side retighten & replace*

*There is a head entrapment hazard between the store front panel and the deck above*

*The pink steering wheel panel missing and loose hardware at the lower bracket, right side*

*Upper Body 5-12 yr only*

*Age rust and wear are evident*

*The OH ladder shows a badly rusted clamp at the rear right corner*

*2-5 yr Spring Animal – shows loose play at the footings*

*5-12yr Maxi Climb*

*Eye hook and clevis wear is <50%, the hardware attachments show age and wear*

*The eye bolts show loose play- check for proper hardware tightness*

*The red cables show rope fray, some show exposed metal bands*

*There are exposed bolt projections, more than 2 threads exposed at the chains, some would  
Fail the protrusion test. This creates potential entanglement /protrusion hazards. Cut and file  
Smooth to the proper size or remove and replace with the proper hardware*

*Chain wear at the rear chains is aprox < 50%, the front chain shows >50% at the lower end  
Of the chain, remove and replace*

*2-5 yr 1 Bay Swing – age, missing paint is evident on the frame*

*The EWF is very low, exposed mirafî is evident , see above*

*The fully enclosed tot seats show age*

*Chain wear at the 2<sup>nd</sup> seat is <50-50% worn- remove and replace*

*The bolts at the upper clevis & seats show wear*

*4 Bay Swing*

*Rust and chipping paint is evident, the upper tabs (by the upper clevis 's) show wear and age*

*The EWF is very low, there is an exposed concrete footing in the 4<sup>th</sup> Bay, front right post*

*There is an exposed bolt projection, more than 2 threads exposed, at the 1<sup>st</sup> Bay upper clevis, left side. See above*

*There are missing rivets at the cross beams, left side and between the Bays 2& 3 – replace*

*Chain and belt seat frame wear is <50%, however the belt seat frames show sharp edges- remove and replace*

*The upper clamps at the 3<sup>rd</sup> and 4<sup>th</sup> bays are missing rivets- install*

*The swing mats are curled and installed above the surfacing which creates potential trip and fall hazards. The mats should be installed flush with grade or below the EWF*

*The 2 belt seats in the 4<sup>th</sup> bay were removed on August 24, 2021*

*NOTE: The structures are located within 100' of hazards, such as vehicular traffic.*

*. It is recommended that the perimeter fencing, should*

*Complies with ASTM 2049-17, the fencing standard for Public Playgrounds*

*The subjects are approximately 20 +-year-old 2-5 yr.& 5-12 yr structures Iron Mountain Forge and Little Tikes respectively, both are in poor condition, loose and missing hardware is evident at the 2-5 yr structure. The 5-12 yr structure has reached the end of its safe use life and was closed for play on the day of inspection, rust, missing peeling PVC, sharp edges badly worn steps and decks, some with broken frames were evident, all decks were soft under foot. The 2-5 yr structure is nearing or has reached the end of its safe use life. A plan should be put into place to remove and replace the structures. The swings, the 5-12 structure and free standing 5-12 yr climber (with the worn red cable were closed for play on the day of inspection.*

*The following is a list of recommendations which includes but is not limited to: See above notes & recommendations*

- 1. The swing areas should be supplemented with ASTM/CPSC compliant engineered wood Fibers, 10" compacted is recommended.*

*2. The structure should be checked in its entirety for proper hardware tightness, all missing hardware should be replaced. Any non-manufacturer supplied installed hardware should be removed and replaced with hardware provided by the manufacturer.*

*3. Due to the age of the structures, it should be consistently monitored for progression to prevent failure or accident*

*4. As always, adequate and consistent adult supervision is recommended to assure that the equipment is used safely and as intended.*

*Please feel free to contact me with any questions or, if I can be of any further service to you*

*Thank you*

*Jody E Reale, CPSI  
President*



