

## 1. Meeting Materials

### Documents:

FIRE\_-\_POWER\_STRETCHER\_QUOTE.PDF  
FIRE\_-\_TOWER\_REPAIRS\_FY24.PDF  
FIRE\_-\_TOWER\_REPAIRS\_QUOTE.PDF  
FIRE\_DEPARTMENT\_CAPITAL\_SUMMARY.PDF  
FIRE\_PORTABLE\_RADIO\_QUOTES.PDF  
FIRE\_PORTABLE\_RADIO\_REQUEST\_FY23.PDF  
FIRE\_UTV\_PROJECT\_OVERVIEW\_FOR\_PUBLIC\_0.PDF  
FIRE\_UTV\_QUOTE.PDF  
FIRE\_UTV\_REQUEST\_FOR\_FY23.PDF  
MEMO\_RE\_FIRE\_RADIO\_SITE.PDF  
SOUTHBOROUGH\_FD\_QUOTE\_FROM\_CYBERCOMM.PDF  
2022.08.15\_CAPITAL\_PLANNING\_COMMITTEE\_MINUTES.PDF  
2022.09.12\_CAP\_PLANNING\_AGENDA.PDF  
CAPITAL\_PLANNING\_COMMITTEE\_MEETING\_MINUTES\_-  
\_AUGUST\_10\_2022.PDF  
CAPITAL\_PLANNING\_COMMITTEE\_MEETING\_MINUTES\_8\_15\_22\_DRAFT.PDF  
DPW\_2023\_STREET\_MAINTENANCE\_RECOMMENDATION\_FNL.PDF  
FIRE\_-\_DURABLE\_MEDICAL\_EQUIPMENT\_FY24.PDF  
FIRE\_-\_DURABLE\_MEDICAL\_EQUIPMENT\_QUOTE.PDF  
FIRE\_-\_LIFEPAK\_BROCHURE.PDF  
FIRE\_-\_LIFEPAK\_FY24.PDF  
FIRE\_-\_LIFEPAK\_QUOTES.PDF  
FIRE\_-\_PORTABLE\_STRETCHER\_FY24.PDF  
FIRE\_-\_POWER\_STRETCHER\_BROCHURE.PDF



## Power load/power cot/stair chair

Quote Number: 10360823

Remit to: **Stryker Medical**

Version: 1

P.O. Box 93308

Chicago, IL 60673-3308

Prepared For: TOWN OF SOUTHBOROUGH FIRE DEPT

Rep: Crystale Perry

Attn:

Email: crystale.perry@stryker.com

Phone Number: (401) 255-8876

Quote Date: 04/15/2021

Expiration Date: 07/14/2021

### Delivery Address

Name: TOWN OF SOUTHBOROUGH  
FIRE DEPT

Account #: 1286384

Address: 32 CORDAVILLE RD

SOUTHBOROUGH

Massachusetts 01772-1639

### End User - Shipping - Billing

Name: TOWN OF SOUTHBOROUGH  
FIRE DEPT

Account #: 1286384

Address: 32 CORDAVILLE RD

SOUTHBOROUGH

Massachusetts 01772-1639

### Bill To Account

Name: TOWN OF SOUTHBOROUGH  
FIRE DEPT

Account #: 1286384

Address: 32 CORDAVILLE RD

SOUTHBOROUGH

Massachusetts 01772-1639

## Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	639005550001	MTS POWER LOAD	1	\$22,415.39	\$22,415.39
2.0	6506000000	Power-PRO XT	1	\$19,574.21	\$19,574.21
2.1	6085033000	PR Cot Retaining Post			
2.2	7777881669	3 Yr X-Frame Powertrain Wrnty			
2.3	7777881670	2 Yr Bumper to Bumper Warranty			
2.4	6506026000	Power Pro Standard Components			
2.5	6500001430	X-RESTRAINT PACKAGE			
2.6	0054030000	DOM SHIP (NOT HI, AK, PR, GM)			
2.7	650606160000	ONE PER ORDER, MANUAL, ENG OPT			
2.8	6500082000	Knee-Gatch/Trendelenburg			
2.9	6506037000	No Steer Lock Option			
2.10	6060036017	Short Hook			
2.11	6506127000	Power-LOAD Compatible Option			
2.12	6500038000	SMRT KIT-120V AC,12V DC, Brckt			
2.13	6500003130	KNEE GATCH BOLSTER MATRSS, XPS			
2.14	6506040000	XPS Option			



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Phone Number: (401) 255-8876

Quote Date: 04/15/2021

Expiration Date: 07/14/2021

#	Product	Description	Qty	Sell Price	Total
2.15	6085046000	Retractable Head Section O2			
2.16	0054200994	NO RUNNER			
2.17	6500315000	3 Stage IV Pole PR Option			
2.18	6506012003	STANDARD FOWLER			
2.19	639000010902	LABEL, WIRELESS			
2.20	6500130000	Pocketed Back Rest Pouch			
2.21	6500128000	Head End Storage Flat			
2.22	6500147000	Equipment Hook			
3.0	6252000000	Stair-PRO Model 6252	1	\$3,491.86	\$3,491.86
3.1	7777881660	1 year parts, labor & travel			
3.2	6252009001	Stair-Pro Operations Manual			
3.3	6250001162	In-Service Video (DVD)			
3.4	6252026000	Common Components			
3.5	6250021000	2 Piece ABS Panel Seat			
3.6	6250160000	Polypropelene Restraint Set(Plastic Buckles)			
3.7	6252022000	Main Frame Assy Option			
3.8	6250024000	Standard Length Lower LiftHandles			
3.9	6252027000	Footrest Option			
3.10	6252024000	No IV Clip Option			
				Equipment Total:	\$45,481.46

### ProCare Products:



## Power load/power cot/stair chair

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Rep: Crystale Perry

Attn:

Email: [crystale.perry@stryker.com](mailto:crystale.perry@stryker.com)

Phone Number: (401) 255-8876

Quote Date: 04/15/2021

Expiration Date: 07/14/2021

#	Product	Description	Years	Qty	Sell Price	Total
4.1	76011PT	ProCare Power-LOAD Prevent Service: Annual onsite preventive maintenance inspection and unlimited repairs including parts, labor and travel with battery coverage for MTS POWER LOAD	6	1	\$7,270.20	\$7,270.20
4.2	71061PT	ProCare Power-PRO Prevent Service: Annual onsite preventive maintenance inspection and unlimited repairs including parts, labor and travel with battery coverage for Power-PRO XT	5	1	\$4,613.00	\$4,613.00
4.3	73071PT	ProCare Stair Chair Prevent Service: Annual onsite preventive maintenance inspection and unlimited repairs including parts, labor and travel (AM) for Stair-PRO Model 6252	6	1	\$991.20	\$991.20
ProCare Total:						\$12,874.40

### Price Totals:

Grand Total: \$58,355.86

Prices: In effect for 60 days.

Terms: Net 30 Days

Contact your local Sales Representative for more information about our flexible payment options.





Power load/power cot/stair chair

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Phone Number: (401) 255-8876

Quote Date: 04/15/2021

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AUTHORIZED CUSTOMER SIGNATURE

**Capital Terms and Conditions:**

Deal Consummation: This is a quote and not a commitment. This quote is subject to final credit, pricing, and documentation approval. Legal documentation must be signed before your equipment can be delivered. Documentation will be provided upon completion of our review process and your selection of a payment schedule. Confidentiality Notice: Recipient will not disclose to any third party the terms of this quote or any other information, including any pricing or discounts, offered to be provided by Stryker to Recipient in connection with this quote, without Stryker's prior written approval, except as may be requested by law or by lawful order of any applicable government agency. A copy of Stryker Medical's Acute Care capital terms and conditions can be found at [https://techweb.stryker.com/Terms\\_Conditions/index.html](https://techweb.stryker.com/Terms_Conditions/index.html). A copy of Stryker Medical's Emergency Care capital terms and conditions can be found at <https://www.strykeremergencycare.com/terms>.



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[Home](#) > [Boards & Committees](#) > [Capital Planning Committee](#) > [Capital Request Form - Non-Vehicle Related](#) > [Webform results](#) > Capital Request Form - Non-Vehicle Related

#### Submission information

Form: [Capital Request Form - Non-Vehicle Related](#) [1]

Submitted by Anonymous (not verified)

July 28, 2022 - 11:07am

71.184.219.170

#### Department Name

Fire Department

#### Department Head Name

Steven Achilles

#### Department Head Title

Fire Chief

#### Fiscal Year Requested

FY24

#### Project Description

This project is the chassis and body repair of the 2010 Aerial Platform truck. The vehicle has numerous areas of rust and oxidation on the body, as well as the chassis and frame. This project would fund: 1) the steam cleaning, sandblasting, and painting of the chassis and frame, 2) painting of cab and body, 3) replacement lettering and striping, and 4) the replacement of various emergency lights and fenders.

#### Select how your project fits into one or more of the following conditions from the town's Capital Plan

- Preservation of operations
- Results in lower operations and maintenance costs

#### Why is the project being requested?

The 2010 aerial platform truck (Tower 21) is due to be replaced in 2030. Upon completion, the department expects to reduce further, more costly repairs and ensure the vehicle's expected service life of 20 years.

#### Estimated Useful Life (in years)

10

#### Amount Requested

100,000

**Expected Funding Source**

General Fund

**What alternate funding sources have you pursued to offset any portion of the amount requested?**

None.

**Describe and quantify any revenue that this project may create for the town or alternatively operating costs that may be reduced (if applicable)**

None.

**Estimated Annual Maintenance Cost of Project**

500

**Provide details of any accessibility considerations for this project.**

None.

**Provide details of the expected timeline for implementation of this project, upon funding**

The project would be implemented in the first quarter of FY24.

**Please provide any supporting documentation that supports the amount requested including any available vendor quotes.**

[fwd\\_tower\\_repaint\\_quote\\_9\\_21.pdf](#) [2]

**Please provide any additional files that you believe may be helpful with our review of this request****Date Submitted**

July 28, 2022

**Source URL:** <https://www.southboroughtown.com/node/123501/submission/10386>

**Links**

[1] <https://www.southboroughtown.com/capital-planning-committee/webforms/capital-request-form-non-vehicle-related>

[2] [https://www.southboroughtown.com/system/files/webform/fwd\\_tower\\_repaint\\_quote\\_9\\_21.pdf](https://www.southboroughtown.com/system/files/webform/fwd_tower_repaint_quote_9_21.pdf)

**From:** [Jason Roach](#)  
**To:** [Steven Achilles](#)  
**Subject:** Fwd: Tower repaint  
**Date:** Monday, September 20, 2021 8:56:22 AM

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Detailed paint quote tower 21 im available to discuss this further if needed.

----- Forwarded message -----

From: Aonghus O'Nia <aonia@greenwoodev.com>

Date: Sep 19, 2021 22:10

Subject: Tower repaint

To: Jason Roach <jroach@southboroughma.com>

Cc:

**[EXTERNAL]**

**Hi Jason**

**After looking at the tower on Thursday this is what I came up with for budget figures**

Steam clean, sandblast & paint chassis	7,000.00
Paint cab & body red/white	68,750.00
Paint inside of compartment doors	2,700.00
Compartment & cab door gaskets	2,350.00
Lettering & stripe	3,700.00
Replace rear chevron	4,550.00
New Pump panel intercom	1,250.00
4 x LED Cab door interior red lights	350.00
2 x LED rear backup lights	300.00
2 x forward rear fenderettes	2,300.00
	<u>93,250.00</u>

**I itemized it out incase you want to pick and choose what you want to do. At first I thought the chassis might not need to be painted but when I looked closer I saw some buildup of rust eg. where the body is sitting on the chassis a the rear wheel wells and at the bottom flanges of the double framerrails so I would recommend addressing that at the same time as painting the red.**





I'll give you a call in the morning to discuss.

Regards

Aonghus

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Aonghus Ó Nia

Greenwood Emergency Vehicles, Inc.

530 John Diestch Blvd

North Attleboro MA 02763

Phone: (508) 809-9845

Cell: (617) 877-8489

Fax: (508) 695-9047

[AONia@GreenwoodEV.com](mailto:AONia@GreenwoodEV.com)

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Department/Board	FIRE DEPARTMENT	
TM Approval	(Multiple Items)	Filtered for 2023 TM and beyond

Row Labels	Sum of Total Cost	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
60KW MOBILE GENERATOR UNIT	\$ 39,000								\$ 39,000		
ALL TERRAIN UTILITY VEHICLE	\$ 40,000	\$ 40,000									
Ambulance 29	\$ 320,000						\$ 320,000				
AMBULANCE A28	\$ 300,000			\$ 300,000							
AMBULANCE POWER STRETCHER - Ambulance 1	\$ 55,000	\$ 55,000									
AMBULANCE POWER STRETCHER - Ambulance 2	\$ 60,000			\$ 60,000							
BOAT 1 AND TRAILER	\$ 10,000									\$ 10,000	
BRUSH FIRE TRUCK (S-24)	\$ 250,000							\$ 250,000			
CHIEF VEHICLE	\$ 65,000									\$ 65,000	
COMMAND COMMUNICATIONS UNIT EM1	\$ 28,000				\$ 28,000						
Defibrilators	\$ 12,000	\$ 12,000									
Defibrilators (PARAMEDIC)	\$ 90,000	\$ 90,000									
Dispatch and Emergency Radio Replacement	\$ 900,000						\$ 900,000				
DURABLE MEDICAL EQUIPMENT - FY2033	\$ 30,000										\$ 30,000
DURABLE MEDICAL EQUIPMENT-FY2024	\$ 20,000	\$ 20,000									
DURABLE MEDICAL EQUIPMENT-FY2029	\$ 30,000						\$ 30,000				
FIRE EQUIPMENT - FY2025	\$ 15,000		\$ 15,000								
FIRE EQUIPMENT - FY2030	\$ 15,000							\$ 15,000			
Fire PPE - FY24	\$ 40,000	\$ 40,000									
Fire PPE - FY25	\$ 25,000		\$ 25,000								
Fire PPE - FY26	\$ 25,000			\$ 25,000							
Fire PPE - FY27	\$ 25,000				\$ 25,000						
Fire PPE - FY28	\$ 25,000					\$ 25,000					
Fire PPE - FY29	\$ 25,000						\$ 25,000				
Fire PPE - FY30	\$ 25,000							\$ 25,000			
Fire PPE - FY31	\$ 25,000								\$ 25,000		
Fire PPE - FY32	\$ 25,000									\$ 25,000	
Fire Truck - T21 - Chassis and Body Repair	\$ 100,000	\$ 100,000									
FIRE TRUCK T21 - Replacement	\$ 1,500,000								\$ 1,500,000		
HAZMAT TRAILER	\$ 4,000		\$ 4,000								
HOSE/NOZZLE REPLACEMENT - 2027	\$ 20,000					\$ 20,000					
IV PUMPS	\$ 13,000									\$ 13,000	
LIGHT TOWER/GENERATOR UNIT EM4	\$ 11,000					\$ 11,000					
LUCAS DEVICES (MECHANICAL CPR DEVICES)	\$ 40,000							\$ 40,000			
MESSAGE BOARD FIRE DEPARTMENT	\$ 22,000									\$ 22,000	
MOBILE RADIOS EOC	\$ 15,000		\$ 15,000								
Portable Radios-Fire	\$ 314,000	\$ 314,000									
Power Stretchers	\$ 65,000										\$ 65,000
PREVENTION CAR 27	\$ 55,000				\$ 55,000						
RESCUE TOOLS	\$ 50,000				\$ 25,000	\$ 25,000					
SELF CONTAINED BREATHING APPARATUS/CYLINDERS	\$ 300,000		\$ 300,000								
SHELTER OPERATIONS UNIT	\$ 26,000								\$ 26,000		
THERMAL IMAGING CAMERAS	\$ 15,000			\$ 15,000							
<b>Grand Total</b>	<b>\$ 5,069,000</b>	<b>\$ 671,000</b>	<b>\$ 359,000</b>	<b>\$ 400,000</b>	<b>\$ 133,000</b>	<b>\$ 81,000</b>	<b>\$ 1,275,000</b>	<b>\$ 330,000</b>	<b>\$ 1,590,000</b>	<b>\$ 135,000</b>	<b>\$ 95,000</b>

Billing Address:  
SOUTHBOROUGH FIRE DEPT  
32 CORDAVILLE RD  
SOUTHBOROUGH, MA 01772  
US

Shipping Address:  
SOUTHBOROUGH FIRE DEPT  
32 CORDAVILLE RD  
SOUTHBOROUGH, MA 01772  
US

Quote Date:08/11/2022  
Expiration Date:11/09/2022  
Quote Created By:  
Nicholas Hamel  
Account Manager  
Nicholas.Hamel@  
motorolasolutions.com  
(207) 451-0850

End Customer:  
SOUTHBOROUGH FIRE DEPT  
Chief Steve Achillies  
sachilles@southboroughma.com

Contract: 22564 - PSE01 MA STATE

Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
	APX™ NEXT	APX NEXT XN ALL					
1	H55TGU9PW8AN	APX NEXT XN; ALL-BAND MODEL 4.5 PORTABLE	28		\$10,441.00	\$7,830.75	\$219,261.00
1a	Q387CB	ADD: MULTICAST VOTING SCAN	28		Included	Included	Included
1b	H638EA	ADD: SMART LOCATE MAPPING TRIAL PROMO	28		-\$56.00	-\$56.00	-\$1,568.00
1c	QA09017AA	ADD: LTE WITH ACTIVE SERVICE AT&T US*	28		\$0.00	\$0.00	\$0.00
1d	Q629BD	ENH: AES ENCRYPTION AND ADP	28		Included	Included	Included
1e	QA09030AA	ADD: MOTOROLA HOSTED RADIOCENTRAL W CPS*	28		\$0.00	\$0.00	\$0.00
1f	BD00004AA	ADD: CORE BUNDLE XN	28		\$2,996.00	\$2,247.00	\$62,916.00
1g	Q806CH	ADD: ASTRO DIGITAL CAI OPERATION	28		Included	Included	Included
1h	QA09001AM	ADD: WIFI CAPABILITY	28		Included	Included	Included
1i	H637AA	ADD: APX NEXT DMS BUNDLE PROMO	28		-\$22.95	-\$22.95	-\$642.60



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.  
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
1j	H636AB	ADD: APX NEXT APPLICATION BUNDLE PROMO	28		-\$300.00	-\$300.00	-\$8,400.00
1k	QA08852AA	ADD: LEATHER CARRY CASE XN	28		\$114.00	\$85.50	\$2,394.00
1l	QA09028AA	ADD: VIQI VC RADIO OPERATION	28		Included	Included	Included
1m	H38DA	ADD: SMARTZONE OPERATION	28		Included	Included	Included
1n	QA03399AK	ADD: ENHANCED DATA	28		Included	Included	Included
1o	QA00580BA	ADD: TDMA OPERATION	28		Included	Included	Included
1p	QA08674AA	ADD: APX NEXT XVN500 RSM-NFPA	28		\$0.00	\$0.00	\$0.00
1q	Q361CD	ADD: P25 9600 BAUD TRUNKING	28		Included	Included	Included
2	PSV01S02940A	SMARTMAPPING ENABLEMENT*	1		\$0.00	\$0.00	\$0.00
3	PSV00S01424A	APX NEXT PROVISIONING*	1		\$0.00	\$0.00	\$0.00
4	PMMN4138A	ACCESSORY KIT, ACCESSORY KIT, XVN500 REMOTE SPEAKER MIC, HIGH IMPACT GREEN WITHOUT KNOB	28		\$837.00	\$577.53	\$16,170.84
5	SSV01P01902A	APX NEXT SMART MAPPING-PROMO	28	1 YEAR	\$75.00	\$75.00	\$2,100.00
6	SSV01P01476A	APX NEXT SMART LOCATE-PROMO	28	1 YEAR	\$75.00	\$75.00	\$2,100.00
7	LSV01P01415A	APX NEXT DMS ADVANCED W ACC DMG-PROMO	28	12 MONTHS	\$179.40	\$179.40	\$5,023.20
8	SSV01P01685B	CC AWARE STARTER LOCATION & MAPPING FOR APX NEXT (1ST YEAR TRIAL)	28	1 YEAR	\$56.00	\$56.00	\$1,568.00



Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
9	SSV01P01407B	APX NEXT SMART PROG-PROMO	28	1 YEAR	\$75.00	\$75.00	\$2,100.00
10	SSV01P01406A	APX NEXT SMART CONNECT - PROMO	28	1 YEAR	\$75.00	\$75.00	\$2,100.00
11	PMNN4812A	BATTERY PACK, BATT IMPRES 2 LIION UL DIV2 IP68 3400T	12		\$299.25	\$206.48	\$2,477.76
12	NNTN9115A	CHARGER, MULTI-UNIT, IMPRES G2, 6-DISP, US/NA/CA/LA PLUG, ACC-CHARGER	2		\$1,420.20	\$979.94	\$1,959.88
Product Services							
13	LSV00Q00202A	DEVICE PROGRAMMING	1		\$3,800.00	\$3,800.00	\$3,800.00

**Grand Total** **\$313,360.08(USD)**

## Pricing Summary

	List Price	Sale Price	Prorated Price
Upfront Costs for Hardware, Accessories and Implementation (if applicable), plus Subscription Fee	\$531,156.00	\$313,360.08	\$0.00
<b>Grand Total System Price</b>	<b>\$531,156.00</b>	<b>\$313,360.08</b>	<b>\$0.00</b>

## Notes:

- Additional information is required for one or more items on the quote for an order.



Motorola's quote (Quote Number: \_\_\_\_\_ Dated: \_\_\_\_\_ ) is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then the following Motorola's Standard Terms of use and Purchase Terms and Conditions govern the purchase of the Products which is found at <http://www.motorolasolutions.com/msi/omterms>.

The Parties hereby enter into this Agreement as of the Effective Date.

Motorola Solutions, Inc.

Customer

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



## APX NEXT RADIO SOLUTIONS

### Overview

APX NEXT is Motorola Solutions' next-generation P25 platform purpose-built for first responders to access and act on information while maintaining focus in critical situations. Across all aspects of the radio experience—deployment, operation, maintenance, and evolution—APX NEXT brings critical advancements to usability and performance. Equipped with broadband, LTE, Wi-Fi, Bluetooth 5.0, and GPS capabilities, APX NEXT extends future-ready performance, applications, and full interoperability to the field and control room to transform accurate data into smarter action.

Key benefits of the APX NEXT include the following:

- **SmartTouch Experience** – Easier operation centered around a redefined 3.6" impact resistant touch display and shallow menu hierarchy. This cleaner and more intuitive visual layout increases the usability of the APX NEXT radio and helps users find the information they need without pause or distraction.
- **Ruggedized, Ergonomic Design** – Increased personnel safety and efficiency with an improved T-Grip ergonomic design, full-color top display, and tactile knobs for efficient use in emergency situations. Patented touch technology enables for reliable gloved use, while also making the screen immune to false actuations from water, snow, ice, or debris. The APX Next device meets the same MIL standards for ruggedization achieved by Motorola Solutions' APX platform radios.
- **Easy Fleet Management** – Easier and quicker radio provisioning, remote software updates, and streamlined management reduce downtime and support control center staff. Motorola Solutions' Device Management Services (DMS) maximize the effectiveness of APX NEXT, reducing maintenance risk, workload, and total cost of ownership. DMS brings RadioCentral (RC) programming to APX NEXT, as well, supporting faster provisioning and deployment to get devices in the hands of responders and out into the field.
- **Secure Communications** – Hardened End-to-End security allows only authorized units in the system to listen to transmissions. Real-time security provides seamless protection from the device and data in transit to the cloud and the LMR system

### Evolving with Applications Services

APX NEXT Application Services enhance device capabilities and improve user experience. These applications are subscription-based offerings for easier optimization and scaling to meet evolving needs.

### SmartConnect

First responders need to know that they are covered and supported with critical intelligence no matter where the mission takes them. The SmartConnect application keeps users connected and maintains critical LMR features through a broadband connection by extending Land Mobile Radio (LMR) networks for voice and data coverage outside normal LMR service areas. By seamlessly switching between P25 LMR and LTE cellular networks, SmartConnect extends reliable PTT communications as radio users roam onto supported broadband networks. Authentication, status, talkgroups, and encryption are all preserved automatically, without interruptions or resets to ensure that end users continue to have access to the critical features they need in emergency situations.

### SmartLocate

The SmartLocate application provides dispatchers with accurate location data over a broadband network, enabling better tracking of field personnel and improved situational awareness. By using the broadband



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

network and CommandCentral Aware integration, SmartLocate can quickly send GPS coordinate updates and location information from the field to dispatchers to create a more effective operating picture of any situation. This gives dispatchers a greater ability to manage incidents and efficiently dispatch available units with confidence that resources are allocated where necessary. Access to CommandCentral Aware is not included with a SmartLocate subscription.

## **SmartProgramming**

Leveraging DMS and RadioCentral provisioning capabilities, the SmartProgramming application allows APX NEXT radios to be updated anywhere within an agency's local LTE network coverage area. APX NEXT devices no longer need to be tied to a computer via USB cable, limited to WiFi network coverage, or gated by Land Mobile Radio (LMR) bandwidth. SmartProgramming allows the APX NEXT device to take advantage of LTE broadband data speeds to pull programming jobs from RadioCentral devices in minutes.

## **SmartMapping**

The SmartMapping application provides precise and accessible location information for field users on APX NEXT's modernized map interface, improving situational awareness and informing response. Users can see their own location and the location/status of other officers at a glance and immediately tap to communicate with these personnel. SmartMapping streamlines engagement by providing access to the application directly from the APX NEXT radio's home screen to best support users wherever the mission takes them.





Published on *southboroughma* (<https://www.southboroughtown.com>)

[Home](#) > [Boards & Committees](#) > [Capital Planning Committee](#) > [Capital Request Form - Non-Vehicle Related](#) > [Webform results](#) > Capital Request Form - Non-Vehicle Related

#### Submission information

Form: [Capital Request Form - Non-Vehicle Related](#) [1]

Submitted by Anonymous (not verified)

August 15, 2022 - 9:46am

71.184.219.170

#### Department Name

Fire Department

#### Department Head Name

Steven Achilles

#### Department Head Title

Fire Chief

#### Fiscal Year Requested

FY24

#### Project Description

This project will fund the purchase twenty-eight (28) All Band portable radio with related equipment. All radios will be programmed with the Massachusetts Tactical Channel Plan (MTCP) and will meet NFPA standards for radios.

#### Select how your project fits into one or more of the following conditions from the town's Capital Plan

Scheduled replacement (i.e. motor vehicles, roofs, computers)

#### Why is the project being requested?

This is the scheduled replacement of the department portable radios. They are nearing their useful life of 7-10 years.

#### Estimated Useful Life (in years)

7

#### Amount Requested

314,000

#### Expected Funding Source

General Fund



**What alternate funding sources have you pursued to offset any portion of the amount requested?**

None to date. The department is considering Assistance to Firefighter Grant (AFG) application for FY24.

**Describe and quantify any revenue that this project may create for the town or alternatively operating costs that may be reduced (if applicable)**

None

**Estimated Annual Maintenance Cost of Project**

1,000

**Provide details of any accessibility considerations for this project.**

None.

**Provide details of the expected timeline for implementation of this project, upon funding**

The purchase of radios would be made by end of 2nd quarter of FY24.

**Please provide any supporting documentation that supports the amount requested including any available vendor quotes.**

[q1845773\\_-\\_28\\_apxnextxn\\_portables\\_all-band.pdf](#) [2]

**Please provide any additional files that you believe may be helpful with our review of this request****Date Submitted**

August 15, 2022

**Source URL:** <https://www.southboughtown.com/node/123501/submission/10471>

**Links**

[1] <https://www.southboughtown.com/capital-planning-committee/webforms/capital-request-form-non-vehicle-related>

[2] [https://www.southboughtown.com/system/files/webform/q1845773\\_-\\_28\\_apxnextxn\\_portables\\_all-band.pdf](https://www.southboughtown.com/system/files/webform/q1845773_-_28_apxnextxn_portables_all-band.pdf)



## CAPITAL PURCHASE REQUEST – FIRE RESCUE UTV

### Project Description and Budget

The Southborough Fire Department is seeking to receive favorable consideration for funding to purchase a side by side Fire Rescue Utility Terrain Vehicle (UTV). The department does not currently maintain or own a UTV. The amount requested for this project is \$35,000 and will cover the vehicle and all required equipment.



Representation of a Fire Rescue UTV

The Town of Southborough covers 15.7 square miles; 14.1 being land. Within the community there are a number vehicle access limited areas including trails, preserves, conservation properties, MWRA and DCR properties, undeveloped land, and railway corridors. The total miles of trails is not readily available, but the total of the 911 Loop, Bay Circuit, and Reservoir Trails equals close to 9 miles. The preserves, conservation and open lands cover over 350 acres. and the Sudbury Reservoir is surrounded by approximately 2000 acres of forest and undeveloped land; most in Southborough. These natural and undeveloped areas are heavily used by residents and visitors, but have limited access for emergency vehicles due to irregular topography, trail width, or lack of maintained roads.

The acquisition of a Fire Rescue UTV would provide personnel and equipment transport, medical transport, wildland firefighting, and damage assessment capabilities to areas of the community with limited access. As the closest mutual aid UTV resource is 15 minutes or more away, the department could rapidly deploy assets and personnel; improving fire and emergency medical operations, along with responder safety.



This request is consistent with the department's mission to "provide prompt and highly effective public safety and prevention services to our citizens, businesses and visitors" and the goal to "strengthen reliable delivery of essential emergency and non-emergency services". The request will also support integrated time and performance objectives identified in the department's 2020 Community Risk Analysis / Standard of Cover Report; specifically Emergency Medical Services, Wildland Fire, and Special Rescue Incidents.

### **Operations and Safety Cost Benefit**

The department's apparatus inventory does not include a UTV of any size or type. As noted earlier, the plan to add a Fire Rescue UTV to the available inventory would address identified community risks. The department recognizes that there are few incidents that occur each year that a Fire Rescue UTV would be required to respond, however, access to remote areas, safe personnel and victim transport, and fire equipment deployment will be significantly enhanced. To maximize the use and advantages of a UTV, the vehicle will also be available to respond to incidents in open areas such as the Southborough Golf Course and recreational / athletic fields, on or near the CSX / MBTA rail lines, during storm events to gain access to properties, to perform damage assessments post storm events, and at public events such as Summer Nights and Heritage Day. As a town asset, the UTV will be available for use by other town agencies including SEMA, Conservation, Police, and Department of Public Works when limited or off-road access is required.

An assessment was made considering other vehicle options for use off-road or when limited access exists. The most appropriate option would be a mid-sized 4x4 pick-up. With a cost close to \$55,000 appropriately equipped, and on average being 1' wider and 5' longer, a pick-up truck is not as cost effective and most likely too large to safely access and maneuver on off-road and limited access areas within town.

### **Statement of Effect on Operations**

A Fire Rescue UTV will be deployed to any emergency incident where vehicle or apparatus access is limited or unsafe. This includes fire and emergency medical incidents on or near trails, preserves, conservation land, open spaces, undeveloped properties, around the reservoir and aqueduct, on or near the railroad tracks, as well as town-wide during and post storm events. For emergency response the UTV will be staffed with on-duty personnel or with recall members as required.

Additional deployment of a Fire Rescue UTV will be for town event support, personnel transport, fire watches and details, damage assessment, and provide safe transport to other town department employees to remote or hard to access properties.



The Southborough Fire Department believes that the acquisition of a Fire Rescue UTV will positively impact the department's ability to meet the published service level objectives of:

Performing perimeter control, confinement, and extinguishment of a fire in open space, woodlands, and that threaten structures;

Providing treatment and transport for patients experiencing medical and/or traumatic emergencies; and

Providing for the safety of responders, search for and rescue trapped victims, securing exposures and adjacent areas, and minimizing the impact to the public and victims as a result of a natural or man-made disaster.



Polaris Sales Inc., Medina, MN 55340  
[gov.info@polaris.com](mailto:gov.info@polaris.com)  
Phone: 866-468-7783 Fax: 763-847-8288  
[www.polaris.com/gov](http://www.polaris.com/gov)

## QUOTE

### Contact Information

Name: Jason Roach  
Email: [jroach@southboroughma.com](mailto:jroach@southboroughma.com)  
Phone: 5089223595  
Fax:

Bill To: Fire department

01772

Ship To:

01772

Quote Number: QUO-40263-N3L0D5  
Revision #: 0  
Date: 8/19/2022 12:03 PM  
Quote Expires: 9/18/2022

Contract Name: Polaris Direct  
Contract #:  
Expiration Date:

Cage: 3FP69  
Duns#: 123399383  
Tax ID#: 41-1921490  
Customer#:

Freight	Delivery Terms	Payment Terms	Payment Methods
FOB Destination-CONUS US Continental (CONUS) Only	240 Days	Net 30	Visa Mastercard Wire Check

Item #	QTY	Description	Open Mkt	MSRP	Discount Price	Extended
R22RSE99AS	1	RANGER CREW XP 1000 Premium - Sunset Red Metallic - 49 State	No	\$21,799.00	\$20,634.79	\$20,634.79
2883875	1	XP 1000 / Crew XP 1000 Fire / Compact Rescue Skid with 6HP manual start engine	No	\$16,899.99	\$14,787.90	\$14,787.90
2889223	1	Crew Full-Size Poly Sport Roof	No	\$699.99	\$585.38	\$585.38
2883278	1	Full-Size General Purpose Poly Windshield	No	\$469.99	\$393.04	\$393.04
2879015	1	Full-Size Glass Sliding Open Rear Panel	No	\$799.99	\$669.01	\$669.01
2882750	1	Full-Size Dash Mounted Audio System	No	\$679.99	\$568.66	\$568.66
2881439	1	Full-Size Wide Angle Rearview Mirror	No	\$139.99	\$117.07	\$117.07



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Phone: 866-468-7783 Fax: 763-847-8288  
[www.polaris.com/gov](http://www.polaris.com/gov)

## QUOTE

Freight	Delivery Terms	Payment Terms	Payment Methods
FOB Destination-CONUS US Continental (CONUS) Only	240 Days	Net 30	Visa Mastercard Wire Check

Item #	QTY	Description	Open Mkt	MSRP	Discount Price	Extended
2879988	1	Full-Size SpeedKey - Max 25 MPH	No	\$319.99	\$267.60	\$267.60
2882753	1	XP 1000 / Crew XP 1000 Heater/Defroster	No	\$1,199.99	\$1,003.52	\$1,003.52
2884163	1	Crew 1000 Heater Adapter	No	\$104.99	\$87.80	\$87.80

Comments:

<b>SUBTOTAL</b>	\$39,114.77
<b>INSTALL*</b>	\$1,275.00
<b>FREIGHT</b>	\$1,500.00
<b>TAX</b>	\$0.00
<b>TOTAL</b>	\$41,889.77

\*Installation Pricing is Open Market

Vehicle model year and color are subject to change dependent upon delivery date.

## Acceptance and Payment Information

To accept the above quotation, please provide a purchase order via email ([gov.info@polaris.com](mailto:gov.info@polaris.com)) and include the following:

- Bill to Address
- Billing Phone Number
- Ship to Address
- Point of Contact for Delivery
- Point of Contact E-Mail
- Point of Contact Phone
- Quote Number
- Alternate Point of Contact if applicable

If you would like to submit payment via credit card, please call (866) 468-7783 to process payment during our hours of operation from 8:30 AM to 4:30 PM CST Monday through Friday. We accept Visa, Mastercard & American Express.



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[Home](#) > [Boards & Committees](#) > [Capital Planning Committee](#) > [Capital Request Form - Vehicles](#) > [Webform results](#) > Capital Request Form - Vehicles

#### Submission information

Form: [Capital Request Form - Vehicles](#) <sup>[1]</sup>  
Submitted by Anonymous (not verified)  
August 15, 2022 - 10:54am  
71.184.219.170

**Department Name**

Fire Department

**Department Head Name**

Steven Achilles

**Department Head Title**

Fire Chief

**Fiscal Year Requested**

FY24

**Item Description**

This project is the purchase of a side-by-side Fire Rescue Utility Terrain Vehicle (UTV). The department does not currently maintain or own a UTV. The amount requested for this project is \$40,000 and will cover the vehicle and all required equipment.

**Select how your project fits into one or more of the following conditions from the town's Capital Plan**

Improvement in the efficiency and effectiveness of service delivery

**Picture of Vehicle Requested**

[fire\\_rescue\\_utv\\_representation.jpg](#) <sup>[2]</sup>

**New Or Used**

New

**Estimated Useful Life (in years)**

15

**Amount Requested**

40,000

**Expected Funding Source**

Ambulance Fund

**What alternate funding sources have you pursued to offset any portion of the amount requested?**

None.

**Describe whether this vehicle meets or is exempt from the provisions of the Town's Green Community Status**

Meets exemption.

**Describe and quantify any revenue that this vehicle creates for the town (if applicable)**

None direct, but is part of medical care and transport, which is billable.

**Estimated Annual Maintenance Cost of Vehicle Requested**

500

**Description of Item Being Replaced (if applicable)**

N/A

**Estimated Trade In Value of Item Being Replaced (if applicable)**

**Estimated Mileage of Item Being Replaced (if applicable)**

**Estimated Annual Maintenance Cost of Vehicle Being Replaced (if applicable)**

**Provide details of the timeline for purchase and delivery of the vehicle, upon funding**

The purchase of the UTV would be made by the end of the first quarter of FY24.

**Please provide any supporting documentation that supports the amount requested including any available vendor quotes.**

[utv\\_quote\\_3.pdf](#) [3]

**Please provide any additional files that you believe may be helpful with our review of this request**

[utv\\_project\\_overview\\_for\\_public.pdf](#) [4]

**Date Submitted**

August 15, 2022

**Source URL:** <https://www.southboroughtown.com/node/123371/submission/10476>

#### Links

[1] <https://www.southboroughtown.com/capital-planning-committee/webforms/capital-request-form-vehicles>

[2] [https://www.southboroughtown.com/system/files/webform/fire\\_rescue\\_utv\\_representation\\_0.jpg](https://www.southboroughtown.com/system/files/webform/fire_rescue_utv_representation_0.jpg)

[3] [https://www.southboroughtown.com/system/files/webform/utv\\_quote\\_3\\_0.pdf](https://www.southboroughtown.com/system/files/webform/utv_quote_3_0.pdf)

[4] [https://www.southboroughtown.com/system/files/webform/utv\\_project\\_overview\\_for\\_public\\_0.pdf](https://www.southboroughtown.com/system/files/webform/utv_project_overview_for_public_0.pdf)



**RE: Primary Radio Site Shelter Move - Reserve Fund Transfer**

Steven Achilles <sachilles@southboroughma.com>

Mon 8/1/2022 10:18 AM

To: Andrew Pfaff <apfaff@southboroughma.com>; Jason W. Malinowski <jmalinowski@southboroughma.com>

Cc: Mark Purple <mpurple@southboroughma.com>; Brian Ballantine <bballantine@southboroughma.com>; Jason Montijo <jmontijo@southboroughma.com>; Ryan Newell <rnewell@southboroughma.com>; Karen Galligan <kgalligan@southboroughma.com>

 1 attachments (119 KB)

Southborough FD Quote from Cybercomm.xls;

All.

I have attached the quote from Cybercomm, which is \$3800.00 more than I expected, so the request would be for \$25,000.00 depending on the final quote Jason Montijo has from the fiber vendor.

As for long term contract. This is complicated but as of now we believe the site will remain no mater who owns the buildings. This repair is required independent as it is our primary site.

We have yet to schedule the move, but the plan was to have it completed in July, but we were unable to secure all aspects including funding. I would like to get this done as soon as possible.

Chief



Steven E. Achilles, MPA, CFO  
Fire Chief - Emergency Management Director  
32 Cordaville Road - Southborough MA, 01772  
Wk. 508.485.3235 Cell 508.573.8386

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**From:** Andrew Pfaff <apfaff@southboroughma.com>

**Sent:** Monday, August 1, 2022 10:09 AM

**To:** Jason W. Malinowski <jmalinowski@southboroughma.com>

**Cc:** Steven Achilles <sachilles@southboroughma.com>; Mark Purple <mpurple@southboroughma.com>; Brian Ballantine <bballantine@southboroughma.com>; Jason Montijo <jmontijo@southboroughma.com>; Ryan Newell <rnewell@southboroughma.com>; Karen Galligan <kgalligan@southboroughma.com>

**Subject:** Re: Primary Radio Site Shelter Move - Reserve Fund Transfer

Also with emc looking to sell property do we have a long term contract to use that location before we put more money into it?

On Aug 1, 2022, at 10:00 AM, Jason W. Malinowski <[jmalinowski@southboroughma.com](mailto:jmalinowski@southboroughma.com)> wrote:

Chief,

Thanks for the heads up. I know your email says end of month, but what is the date to make procurement decisions, etc. Also is there any breakdown of the costs that are anticipated in this move (i.e. how you came up with the \$20k).

Andrew can speak to Reserve Fund timing, but I'm trying to decide whether I have time for Capital to give you an official vote (our next meeting is the 10th) or whether this just needs to move forward with only an Advisory vote related to the Reserve Fund piece due to the emergency nature.

Thanks,

Jason

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**From:** Steven Achilles <[sachilles@southboroughma.com](mailto:sachilles@southboroughma.com)>  
**Sent:** Friday, July 29, 2022 12:24 PM  
**To:** Jason W. Malinowski <[jmalinowski@southboroughma.com](mailto:jmalinowski@southboroughma.com)>; Andrew Pfaff <[apfaff@southboroughma.com](mailto:apfaff@southboroughma.com)>  
**Cc:** Mark Purple <[mpurple@southboroughma.com](mailto:mpurple@southboroughma.com)>; Brian Ballantine <[bballantine@southboroughma.com](mailto:bballantine@southboroughma.com)>; Jason Montijo <[jmontijo@southboroughma.com](mailto:jmontijo@southboroughma.com)>; Ryan Newell <[rnewell@southboroughma.com](mailto:rnewell@southboroughma.com)>; Karen Galligan <[kgalligan@southboroughma.com](mailto:kgalligan@southboroughma.com)>  
**Subject:** Primary Radio Site Shelter Move - Reserve Fund Transfer

Jason and Andrew.

The town maintains an emergency communications site at the Dell / EMC building off Coslin Drive. This is our primary site and is identified as critical. The antenna is on the large tower and the radios for FD, PD, and DPW are in a small shelter building at the base. Earlier this year we identified that the integrity of the building was poor with large openings (including roof) to the elements. Working with the site manager, they have agreed to provide another, more secure shelter. This will require a coordinated move of the radios and fiber by our vendors. The cost estimate is \$20,000.00 which is not available in any department's FY23 Budget. As this is an emergency need, we are requesting a reserve fund transfer for IT be approved immediately so we can complete the move before the end of summer.

I am available to discuss further as required.

Chief Achilles



Steven E. Achilles, MPA, CFO  
Fire Chief - Emergency Management Director  
32 Cordaville Road - Southborough MA, 01772  
Wk. 508.485.3235 Cell 508.573.8386



**Capital Planning Committee  
August 15, 2022  
Virtual Meeting held via Zoom**

Voting Members Present: Jason Malinowski (Chair), Lisa Braccio, Jeffrey Hark, Joseph Palmer, Tony Schoener, Karen Wheeler

Ex-officio members Present: None

**I. Call Meeting to Order**

At 7:31 p.m. Mr. Malinowski called the Capital Planning meeting to order.

**II. Approval of Meeting Minutes from August 10, 2022**

Not available.

**III. Request for to Capital Plan – Fire/Police Shelter Relocation for radios**

Note that the Committee agreed to move this item up on the agenda.

Chief Achilles joined the meeting. He discussed the problems with the current emergency communications shelter including leaking roof and mice chewing on the fiber optic cable. The proposed budget is for the move of the fiber optic and radio system to a more secure shelter. Value of equipment is \$50-70K. Mr. Malinowski motioned that the CIPC support the chiefs request to relocate the radio shelter at the Dell/EMC site per the details submitted in our packet, and that the CIPC work with the Advisory Chair and Selectboard Chair to help them understand the importance of this to move forward as quickly as possible but not later than inclusion of a capital warrant article at the special town meeting in October. Seconded by Ms. Braccio. The Committee voted 6-0 by roll call vote to approve the motion. [Braccio, aye; Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye].

**IV. Vote on DPW recommendations for roads and/or sidewalks for consideration in road maintenance bid contract**

DPW Superintendent Ms. Galligan joined the meeting. Considerable discussion ensued regarding Lovers Lane, which was not on the list of DPW recommendations. It is in bad shape, primarily due to lack of drainage from a water main. Discussion continued regarding other streets on the list

Mr. Malinowski suggested that the Committee might want to consider a more expansive list than \$1.3M, pending the bid process outcome, and include Lovers Lane. The list may need to be modified pending the bid. It is also possible that more funds may become available after completed projects, and Ms. Galligan could release the reserves.

Mr. Malinowski noted that there was no public comment on this agenda item.

Mr. Malinowski made a motion to recommend that the CIPC put forth a plan to the Selectboard to go out to bid this fall per the memo from the DPW Superintendent with the addition of the Lovers Lane scope. Also, that we get a second opinion on Lovers Lane in the short term to validate the band-aid. Seconded by Mr. Palmer. The Committee voted 6-0 by roll call vote to approve the motion. [Braccio, aye; Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye].

The Committee took up the discussion of the Stockwell Road. sidewalks. Mr. Malinowski removed committee member Mr. Hark from the meeting due to potential conflict of interest. Reference was made to an impassioned plea for cul-de-sac repair by Mr. Tobin last week. Ms. Galligan indicated that tree roots are creating the problem. An option would be to pull up the sidewalk, loam and seed, but neighbors want to keep the sidewalk. Another option could be to build a sidewalk when the road is next paved that would not affect trees. Mr. Malinowski recommends that Ms. Galligan and Mr. Purple (when he returns) get communication to Mr. Tobin on status; if the neighborhood rethinks the sidewalk plan our recommendation is that Ms. Galligan write something to Planning and get on their agenda to discuss. If Planning supports the loam overlay then it would come back to Ms. Galligan for execution. CIPC is not the solution for right now. Mr. Hark rejoined the meeting at 8:44 pm.

## **V. Public Comment**

None.

## **VI. Meeting Schedule**

The next meeting will be scheduled for after Labor Day, possibly September 12<sup>th</sup>.

## **VII. Other business that may properly come before the Committee**

None

## **VIII. Adjournment**

Mr. Malinowski made a motion to adjourn at 8:45 pm. Seconded by Mr. Hark. The Committee voted 6-0 by roll call vote to approve the motion. [Braccio, aye; Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye]

Minutes submitted by Karen Wheeler, Committee Member.

## **Documents Referenced During Meeting:**

- 1) DPW 2023 Street Maintenance Recommendation
- 2) Memo re: the fire radio site
- 3) Radio site quote from Cyber Communications

**Town of Southborough, Massachusetts**

**Capital Planning Committee**

**Monday September 12<sup>th</sup>, 2022 7:30 PM**

**Virtual Zoom Meeting**

May be watched or may participate in the meeting remotely with the meeting link at: <https://www.southboroughtown.com/remotemeetings>.

*Pursuant to Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency, signed into law on June 16, 2021, this meeting will be conducted via remote participation. No in-person attendance by members of the public will be permitted.*

Agenda (all items may have one or more votes taken to the extent action is required):

- I. Call Meeting to Order
- II. Approval of Meeting Minutes from August 10, 2022 and August 15, 2022
- III. Chair/Member's Reports
  - a. Neary Building Committee Update
  - b. SHOPC – South Union Subcommittee Update
  - c. Pavement Management Program update
  - d. DPW Road Maintenance Bid and Process Update
- IV. Fire Department – Review of 10 year capital plan, including FY23 requests
- V. Request for addition to Capital Plan – Golf Course tee reconfiguration
- VI. Review of Q4 Capital Progress Report
- VII. Review of compliance with capital policy and consideration of messaging related to historic CPC balances
- VIII. Public Comment
- IX. Meeting Schedule
- X. Other business that may properly come before the Committee
- XI. Adjournment

Jason W. Malinowski, Chair

**DRAFT**

<p><b>Capital Planning Committee</b> <b>August 10, 2022</b> <b>Virtual Meeting held via Zoom</b></p>
--

Voting Members Present: Jason Malinowski (Chair), Lisa Braccio, Jeffrey Hark, Joseph Palmer, Karen Wheeler, Tony Schoener

Ex-officio members Present: Mark Purple

**Call Meeting to Order**

At 7:32pm, Mr. Malinowski called the meeting to order.

**Approval of Meeting Minutes from June 27, 2022, and July 18, 2022**

Mr. Hark had comments on both sets of meeting minutes.

Mr. Malinowski motioned to accept the meeting minutes for June 27, 2022, and July 18, 2022, with the edits as discussed; seconded by Mr. Hark.

The Committee voted 6-0 by roll-call vote to approve the motion [Braccio, aye; Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye]

**Chair/Member's Reports**

*a. Neary Building Committee Update*

Mr. Malinowski noted that the Town has successfully entered the eligibility period. There was a kick-off meeting on August 10<sup>th</sup> with MSBA on action items, although most items had already been submitted. The Superintendent set a September deadline for items not complete, although 270 days are allowed.

*b. SHOPC –South Union Subcommittee Update*

Mr. Palmer provided the Committee with an update, noting that the South Union Subcommittee has a general horizon for issuing a report.

*c. Pavement Management Program update*

Mr. Malinowski noted that the Select Board took action, and that as of this morning, an RFP was out to market to receive responses. Responses are expected by the end of August.

*d. Update on items received for FY23 Capital*

Mr. Malinowski provided an update, noting that certain departments are complete, other departments are a work in process, and other departments have not responded. Mr. Malinowski will reach out to make sure departments are on track for submission deadline.

*e. Capital and Finance Software*

## **DRAFT**

The Select Board's goal for this year is to find a new software package or go back to the old software since improvements have been made. This is likely a future budget cycle item.

### **Review of DPW Road and Sidewalk Maintenance Allocation by street for upcoming RFP**

Ms. Galligan joined the meeting at 7:43pm. Mr. Malinowski provided the Committee with an overview of the process, explaining various funding sources and highlighted that the goal should be to work on a recommendation to allocate no more than \$1.3M of almost \$3M of identified streets. It was also noted during the introduction that Mr. Hark would recuse himself from any discussions on Stockwell and Fitzgerald [further on during the discussion, Mr. Schoener identified a personal conflict for any discussions on Constitution since he is a resident of that road].

Ms. Galligan indicated to the Committee that in an ideal world, she would go out to bid in September, but the way in which bidding is going this year, she does not expect any work would get done until next spring.

Committee members had specific questions for Ms. Galligan, including questions on Newton Street, the Hopkinton connection, Lovers Lane, Pinehill Road

Ms. Braccio asked Ms. Galligan to follow up with Town Counsel and the Planning Board on removal of island on Davis Road.

Mr. Schoener proposed that Ms. Galligan develop her recommendation on which roads to include, and the Committee would then opine on such recommendation. Ms. Galligan responded in the affirmative that she would put together a memo on what she would recommend.

Mr. Malinowski opened the conversation to public comment.

Ms. Patricia Burns Fiore had multiple questions and comments and noted that she drove through every road on the list, rating all roads based on conditions and usage/need of road. Ms. Burns Fiore expressed significant concerns about some streets that are on the list.

Next, Mr. John Tobin offered up public comment. It is noted that Mr. Hark was removed from the meeting prior to Mr. Tobin's public comments on Stockwell and Fitzgerald. After Mr. Tobin's comments, Mr. Hark was readmitted to the Committee's meeting.

### **Request for addition to Capital Plan -Fire/Police Shelter Relocation for radios**

Mr. Malinowski asked Mr. Purple if the Committee should weigh-in on this topic. Mr. Purple noted that last fall, the shed was taking in water and could potentially damage equipment. The total cost to repair was \$20K (2 vendor quotes); however, one vendor had a price increase, so the estimate is now between \$23K and \$24K.



## **DRAFT**

Mr. Hark asked if the Ambulance Fund could be used for this project. Mr. Purple suggested that the Committee take a look at recommending the project and on a parallel track look at the use of the Ambulance Fund.

### **Request for addition to Capital Plan -Trails crosswalk (potential ARPA expense)**

Ms. McKee joined the Committee's meeting and provided an overview of the two capital request forms that were submitted.

Mr. Malinowski motioned that the Committee approve the recommendation of Stonybrook crosswalk addition to the capital plan for an amount up to \$15k, with the understanding that the funding source will be ARPA funds and that the Trail Committee will continue to work with Mr. Purple and Town Counsel on securing any and all agreements for use of that private property; Mr. Palmer seconded. No further discussion.

The Committee voted 6-0 by roll-call vote to approve the motion [Braccio, aye; Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye]

### **Public Comment**

None noted

### **Meeting Schedule**

Next meeting is August 15<sup>th</sup> at 7:30pm

### **Other business that may properly come before the Committee**

Ms. Braccio asked about the article on software for the assessors. Mr. Malinowski noted Mr. Cibelli submitted something for consideration and it will be a future agenda item.

### **Adjournment**

At 9:30pm, Mr. Malinowski motioned to adjourn; seconded by Ms. Wheeler.

The Committee voted 6-0 by roll-call vote to adjourn [Braccio, aye; Hark, aye; Schoener, aye; Palmer, aye; Wheeler, aye; Malinowski, aye]

Minutes submitted by Jeffrey Hark, Committee Clerk.

### **Documents Referenced During Meeting**

- 1) Draft Meeting Minutes – June 27, 2022
- 2) Draft Meeting Minutes – July 18, 2022
- 3) DPW List of FY23 Roads – Maintenance
- 4) DPW Road Correspondence Emails
- 5) Trails – Stonybrook Crosswalk Submission
- 6) Trails – Additional Crosswalk Submission
- 7) Trails – Additional Crosswalk Details
- 8) Trails – Stonybrook Crosswalk – VHB Quotes

<p><b>Capital Planning Committee</b> <b>August 15, 2022</b> <b>Virtual Meeting held via Zoom</b></p>
--

Voting Members Present: Jason Malinowski (Chair), Lisa Braccio, Jeffrey Hark, Joseph Palmer, Tony Schoener, Karen Wheeler

Ex-officio members Present: None

### **I. Call Meeting to Order**

At 7:31 p.m. Mr. Malinowski called the Capital Planning meeting to order.

### **II. Approval of Meeting Minutes from August 10, 2022**

Not available.

### **III. Vote on DPW recommendations for roads and/or sidewalks for consideration in road maintenance bid contract**

DPW Superintendent Ms. Galligan joined the meeting. Considerable discussion ensued regarding Lovers Lane, which was not on the list of DPW recommendations. It is in bad shape, primarily due to lack of drainage from a water main. Discussion continued regarding other streets on the list

Mr. Malinowski suggested that the Committee might want to consider a more expansive list than \$1.3M, pending the bid process outcome, and include Lovers Lane. The list may need to be modified pending the bid. It is also possible that more funds may become available after completed projects, and Ms. Galligan could release the reserves.

Mr. Malinowski noted that there was no public comment on this agenda item.

Mr. Malinowski made a motion to recommend that the CIPC put forth a plan to the Selectboard to go out to bid this fall per the memo from the DPW Superintendent with the addition of the Lovers Lane scope. Also, that we get a second opinion on Lovers Lane in the short term to validate the band-aid. Seconded by Mr. Palmer. The Committee voted 6-0 by roll call vote to approve the motion. [Braccio, aye; Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye].

The Committee took up the discussion of the Stockwell Road. sidewalks. Mr. Malinowski removed committee member Mr. Hark from the meeting due to conflict of interest. Reference was made to an impassioned plea for cul-de-sac repair by Mr. Tobin last week. Ms. Galligan indicated that tree roots are creating the problem. An option would be to pull up the sidewalk, loam and seed, but neighbors want to keep the sidewalk. Another option could be to build a sidewalk when the road is next paved that would not affect trees. Mr. Malinowski recommends that Ms. Galligan and Mr. Purple (when he returns) get communication to Mr. Tobin on status; if the neighborhood rethinks the sidewalk plan our recommendation is that Ms. Galligan write something to Planning and get on their agenda

DRAFT

to discuss. If Planning supports the loam overlay then it would come back to Ms. Galligan for execution. CIPC is not the solution for right now. Mr. Hark rejoined the meeting at 8:44 pm.

#### **IV. Request for to Capital Plan – Fire/Police Shelter Relocation for radios**

Chief Achilles joined the meeting. He discussed the problems with the current emergency communications shelter including leaking roof and mice chewing on the fiber optic cable. The proposed budget is for the move of the fiber optic and radio system to a more secure shelter. Value of equipment is \$50-70K. Mr. Malinowski motioned that the CIPC support the chiefs request to relocate the radio shelter at the Dell/EMC site per the details submitted in our packet, and that the CIPC work with the Advisory Chair and Selectboard Chair to help them understand the importance of this to move forward as quickly as possible but not later than inclusion of a capital warrant article at the special town meeting in October. Seconded by Ms. Braccio. The Committee voted 6-0 by roll call vote to approve the motion. [Braccio, aye; Hark, aye; Palmer, aye; Schoener, aye; Wheeler, aye; Malinowski, aye].

#### **V. Public Comment**

None.

#### **VI. Meeting Schedule**

The next meeting will be scheduled for after Labor Day, possibly September 12<sup>th</sup>.

#### **VII. Other business that may properly come before the Committee**

None

#### **VIII. Adjournment**

Mr. Malinowski made a motion to adjourn at 8:45 pm. Seconded by Mr. Hark. The Committee voted 4-0 by roll call vote to approve the motion. [Hark, aye; Palmer, aye; Wheeler, aye; Malinowski, aye].

Minutes submitted by Karen Wheeler, Committee Member.

#### **Documents Referenced During Meeting:**

- 1) DPW 2023 Street Maintenance Recommendation
- 2) Memo re: the fire radio site
- 3) Radio site quote from Cyber Communications

**TOWN OF SOUTHBOROUGH  
DEPARTMENT OF PUBLIC WORKS**

**Tel: 508-485-1210  
Fax: 508-229-4444**

**147 Cordaville Road  
Southborough, MA 01772**



**DATE: August 11, 2022**

**MEMORANDUM**

**TO: Southborough Capital Planning Committee  
CC: Town of Southborough Board of Selectmen  
Mark Purple, Town Administrator  
FROM: Karen Galligan, DPW Superintendent  
SUBJECT: DPW Paving Recommendation FY23**

As you know, at your Wednesday, August 10<sup>th</sup> meeting, the Committee requested a prioritized roadway maintenance list.

The list that was discussed at the meeting was not in any prioritized order and included roads the DPW is watching based on how often we patch them or dig in them, roads that are on the fringe of being a priority for maintenance, roads that are a priority for maintenance and roads that actually need enough work that they don't fall into the maintenance category. Essentially, the list submitted, and discussed, is a working, running list of roads on the DPW's radar that have been given a maintenance, or in some cases project, plan and a cost associated with that plan. There are many other roads are on the radar, but their plan hasn't been developed yet, so there are no costs associated with them yet.

We did not specifically discuss pavement lifetime on Wednesday. However, a busy road in Southborough that is well drained and has a good base, should need maintenance, such as crack sealing within 7 to 10 years, and will likely need to have the top course of pavement removed and replaced within 19 to 25 years. Correctly built subdivision/neighborhood roads, should last longer. Crack sealing is done when the cracks are not prevalent and the road has no profile or cross section issues. Unfortunately, the Town does not crack seal as often as we should, generally due to allocating most funding to needed paving.

Road cross section issues, road profile issues, alligator cracking, wheel ruts, asphalt break through (to gravel) over a large area, and pot holes all contribute to determining when it's time to perform maintenance on a road. Road connectivity, maintenance work (such as pot hole filling and ability to scrape and treat the road for snow and ice) and construction being done on the road, also enter into the consideration.

Based on the amount of money available for the work, road conditions and the value of the work recommended for the longevity of the new pavement; the list below is the contract that I would have bid this past spring – using our old process (these are in the order that I took pictures of them):

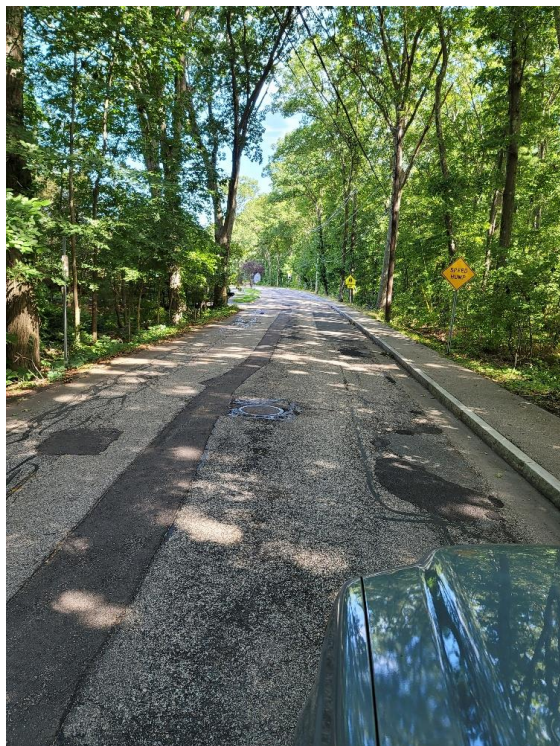
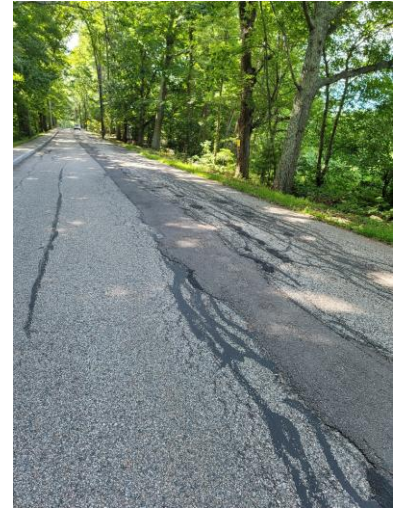
Parkerville Road North Side	\$175,000
Chestnut Hill Road	\$202,000
East Main, Winchester, Walker and Upland	\$175,000
William Onthank	\$390,000
Carolyn, Ted, Brookside	\$248,000
Parker, Cottage, Hammond, Old Cordaville	\$ 70,000
Harris Street	\$ 95,000
<b>Total</b>	<b>\$1,355,000</b>

Also, if more money became available, or the bid came in much better than expected, I would add Davis and Ashley (\$182k) into the bid. Their condition is similar to the streets in the Carolyn /Ted and William Onthank neighborhoods.



**Parkerville Road north side** - The Town invested in this road with a reclaim, pave and sidewalk install project in 2003. This project was part of the School Safety Study performed when the Town was looking at building Trottier School. While the work in 2003 did not build a new road base, it did improve it. A mill and pave will renew the road surface and the work should last another 18-20 years with general maintenance.

The new gas trench is the best asphalt on the road. It is hard to find areas with good shape and little cracking:





**Chestnut Hill Road (Main Street to Dairy Farm)** - This road needs to be reclaimed. The Town leveled the ruts and chip sealed the road in 2001 or 2002. The road has needed paving, but it was delayed due to the construction of Dairy Farm Lane. During Planning Board hearings the Town said they would pave the section from Main Street to Dairy Farm when the subdivision was completed. There is no drainage on the road, it is hard to find a good section of asphalt, the cross section is totally out of shape. The road needs to be shaped. A reclaim and a pave on this road should last 19-25 years with some crack sealing in 7-10 years.





**East Main, Winchester, Walker and Upland** – This older, downtown neighborhood has not been addressed with new pavement in at least 20 years, it isn't clear when it had been done previously, it may have been chip sealed at some point. Winchester has spots that are at gravel. All the streets have alligator cracking, multiple patches and not much good pavement. Milling and paving the neighborhood, with some extra leveling on Winchester Street and East Main Street should keep the smaller neighborhood roads in decent condition for 20-22 years and East Main Street sturdy for 18-20.

**Winchester**

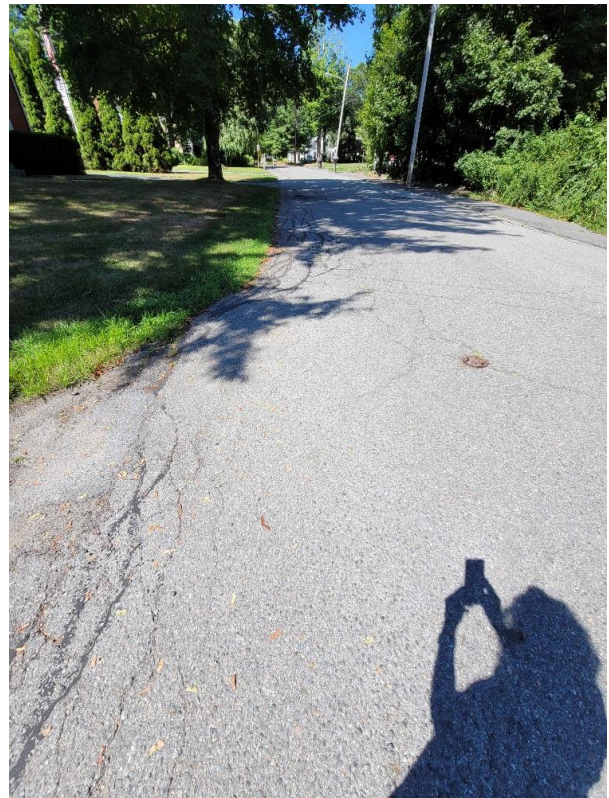


**Upland**





**Walker**



**East Main**





**William Onthank** – This neighborhood became a public way in 2008. The project was unfinished and the Town used the remaining bond money to attempt to finish the road. Rutting, cracks, profile and cross section issues, areas of peeled asphalt and pot holes characterize this street. This is a 55 and over neighborhood. Correcting the issues on this street by reclaiming the road and paving it should bring it to the construction standards expected when the project was proposed. The project should last 20-25 years with some crack sealing in 7-10 years.



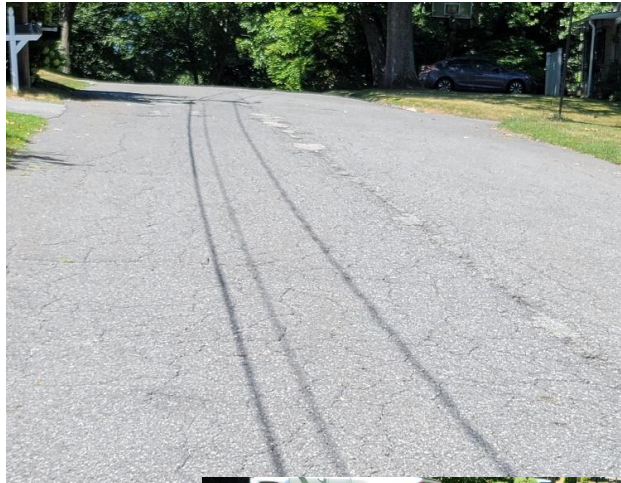


**Carolyn Terrace, Ted Lane, Brookside Road** – Carolyn and Ted were accepted by the Town in 1968 and 1973 respectively. Brookside was accepted in 2004. No significant work has been done on these roads since 2000, we don't have good records earlier than that year. The roads are out of shape, cracked, full of trenches, and generally more cracked than whole.



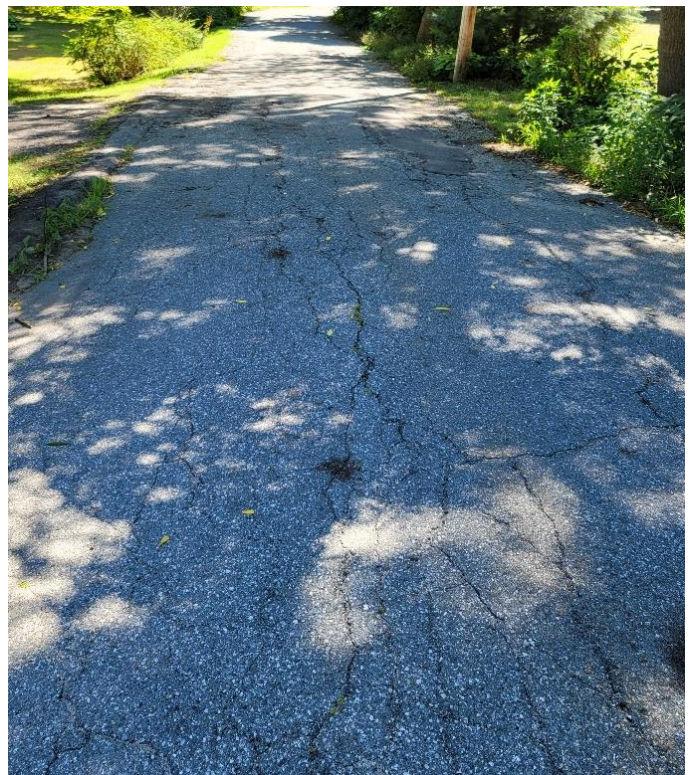


**Harris Drive** – This road has deteriorated significantly over the past 5 years. It has areas with significant pavement issues.



**Parker, Cottage, Hammond, Old Cordaville** – This neighborhood is an older neighborhood that has significant cracking, potholes, shape issues and generally poor pavement.







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#### Submission information

Form: [Capital Request Form - Non-Vehicle Related](#) [1]

Submitted by Anonymous (not verified)

July 28, 2022 - 11:03am

71.184.219.170

#### Department Name

Fire Department

#### Department Head Name

Steven Achilles

#### Department Head Title

Fire Chief

#### Fiscal Year Requested

FY24

#### Project Description

This project is the scheduled replacement of required medical equipment carried on the department's ambulances and apparatus considered durable and not disposable. The project would fund the purchase of splinting and immobilization devices, medical equipment bags, airway and oxygen delivery devices, and monitoring and diagnostic equipment.

#### Select how your project fits into one or more of the following conditions from the town's Capital Plan

- Improvement in the efficiency and effectiveness of service delivery
- Scheduled replacement (i.e. motor vehicles, roofs, computers)

#### Why is the project being requested?

This project replaces and upgrades a majority of the durable equipment carried on the ambulances and apparatus. This equipment is required by the Mass. Office of EMS and ensures licensure.

#### Estimated Useful Life (in years)

7

#### Amount Requested

20,000

**Expected Funding Source**

Ambulance Fund

**What alternate funding sources have you pursued to offset any portion of the amount requested?**

None.

**Describe and quantify any revenue that this project may create for the town or alternatively operating costs that may be reduced (if applicable)**

This project is directly related to ambulance billing.

**Estimated Annual Maintenance Cost of Project**

100

**Provide details of any accessibility considerations for this project.**

None.

**Provide details of the expected timeline for implementation of this project, upon funding**

The project will be implemented during the first half of FY24.

**Please provide any supporting documentation that supports the amount requested including any available vendor quotes.**

[bound\\_tree\\_prices\\_on\\_key\\_items\\_9\\_28\\_21.pdf](#) [2]

**Please provide any additional files that you believe may be helpful with our review of this request****Date Submitted**

July 28, 2022

**Source URL:** <https://www.southboroughtown.com/node/123501/submission/10381>

**Links**

[1] <https://www.southboroughtown.com/capital-planning-committee/webforms/capital-request-form-non-vehicle-related>

[2] [https://www.southboroughtown.com/system/files/webform/bound\\_tree\\_prices\\_on\\_key\\_items\\_9\\_28\\_21\\_0.pdf](https://www.southboroughtown.com/system/files/webform/bound_tree_prices_on_key_items_9_28_21_0.pdf)



## Durable Medical Equipment Estimated Costs for Key Items

Prices obtained through Bound Tree

<https://www.boundtree.com/>

Backboards	\$284.00 ea.
Scoop Stretchers	\$ 1180.00 ea.
Traction Splint Kit	\$ 900.00 ea.
Extremity Splint Kit	\$ 720.00 ea.
Portable Ventilator	\$ 2800.00 ea.
Trauma Equipment Bag	\$ 375.00 ea.
O2 Regulators	\$ 52.00 ea.
Portable Suction Units	\$ 680.00 ea.

List prices as of 9/28/21



# A monitor/defibrillator LIFEPAK 15 monitor/defibrillator by professionals, for professionals

Rely on the LIFEPAK 15 monitor/defibrillator for the confidence you need in emergencies and the highest available escalating energy, up to 360 joules (360J).

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## Make high performance easier in challenging situations.

From its initial launch to its latest release, the LIFEPAK 15 has evolved to add new features and functionality with the goal of empowering great teams with a better device. With six decades of serving EMS pros, this LIFEPAK TOUGH tool helps skilled teams boost their performance and improve patient outcomes.



### Trust proven clinical performance

Take advantage of escalating energy up to 360J—which has been shown to improve conversion rates for difficult-to-defibrillate patients.<sup>1-4</sup> Elevate STEMI care with the industry-leading University of Glasgow ECG Analysis Program and ST-segment trend monitoring, which continuously monitors all 12-leads, alerting you to changes.



### Work efficiently even in chaotic settings

From intuitive controls to a dual-battery system and a large 8.4 inch anti-reflective color display that changes to high-contrast mode with a single button, the LIFEPAK 15 helps you work more efficiently so you can keep your focus on your patients.



### Depend on LIFEPAK TOUGH rugged durability

With more than a dozen durability enhancements from the previous generation of LIFEPAK devices, the LIFEPAK 15 is our toughest yet – built to withstand drops, shocks, and extreme vibration.



### Continually improve team response and outcomes

The LIFENET System connects the LIFEPAK 15 through the cloud to transmit emergent patient data to the



### Streamline device management and maintenance

Help ensure the device is always ready to go with two reliable batteries and a



hospital while enabling ease of documentation, care team activation for time-sensitive emergencies, and valuable insights to support continuous performance improvement.

daily self-test that alerts you to possible issues before you experience them in the field. Easily track device health and readiness via your LIFENET Asset management system.



KEY FEATURES

# On your side wherever the next call takes you

Professionals choose the LIFEPAK 15 for all the ways it helps them do their tough jobs even better.

## Easy to use so care teams can focus on patients

- Dual-mode display screen that provides maximum visibility—59% larger screen than competitive devices<sup>1</sup>
- All key functionality with a single button push
- Easy access to cables, connections and printer

<sup>1</sup>Physio-Control internal observation (Jan 2015)





## Supports improved resuscitation results

- Proven CPR guidance—shown to guide responders to perform compressions at 100/minute and avoid over-ventilation<sup>2</sup>
- Capture all displayed waveforms and CPR quality for post-event review
- The highest escalating energy available, up to 360J biphasic, for difficult-to-defibrillate patients

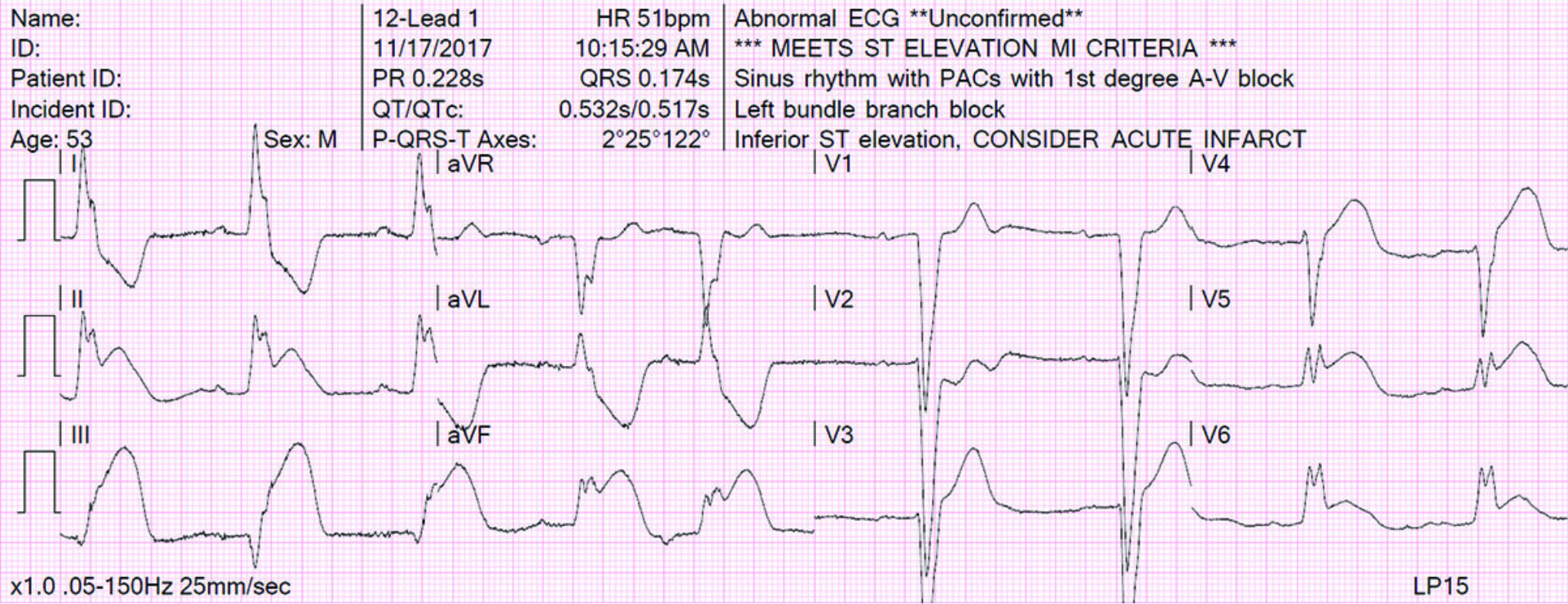
<sup>2</sup>Kern KB, Stickney RE, Gallison L, Smith R. Metronome improves compression and ventilation rates during CPR on a manikin in a randomized trial. Resuscitation. 2010;81:206-210



## Improves operational effectiveness

- Upgradeable platform to adapt to evolving protocols and new care guidelines
- Instant access to device health and readiness data through LIFENET Asset
- Enhances team review with rapid data export to HealthEMS ePCR and CODE-STAT post-event review software for QA/QI





Uses a top 12-lead ECG algorithm

- Trusted, proven University of Glasgow 12-Lead ECG Analysis Program
- Continuous monitoring of all 12-leads with alerts when significant ST segment changes are detected
- Uses Sgarbossa criteria and measures STJ at the J point for possible STEMI patients and provides pediatric interpretation for pediatric patients.



LIFEPAK TOUGH

- Corner guards, shock-absorbing handle, and reinforced cable connections
- Dual-layer, anti-scratch screen
- Withstands severe impacts and extreme vibration

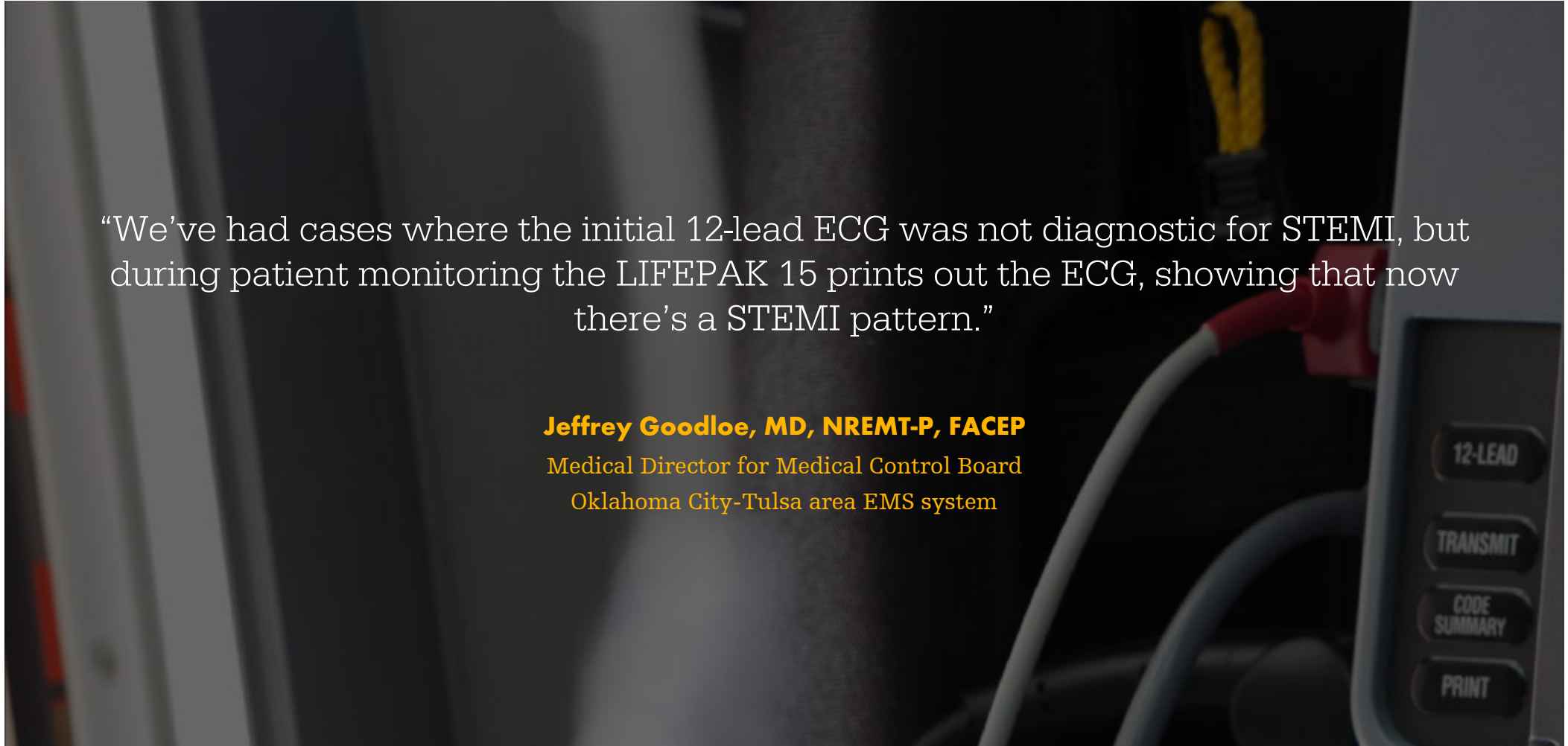


**VIDEO**

# LIFEPAK TOUGH

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“We’ve had cases where the initial 12-lead ECG was not diagnostic for STEMI, but during patient monitoring the LIFEPAK 15 prints out the ECG, showing that now there’s a STEMI pattern.”

**Jeffrey Goodloe, MD, NREMT-P, FACEP**  
Medical Director for Medical Control Board  
Oklahoma City-Tulsa area EMS system

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Start fast and get support whenever you need it

From initial device training to technical service and free continuing education, Stryker delivers unrivaled support.



Training

Proper training is important for the optimal implementation of your LIFEPAK 15 devices. From classroom-based and hands-on training to online clinical training and customized programs, we have the resources you need to get the most out of your equipment.

ONLINE TRAINING



Field service

Our service representatives have an average of 14 years of experience servicing LIFEPAK devices. Nobody knows your devices—or how to use, care for, maintain, and repair them—better. They’ll help your LIFEPAK 15 devices deliver long-term performance.

FIELD SERVICE



Technical support

Service experts remain on-call 24/7 to help resolve any issues or answer technical questions.

TECH SUPPORT



Continuing education

As your lifesaving partner, Stryker offers seminars, the resus10 podcast, and access to clinical research on the latest resuscitation strategies and tips.

LEARN AND TRAIN

## Sources

<sup>1</sup>Stiell I, Walker R, Nesbitt L, et al. Biphasic trial a randomized comparison of fixed lower versus escalating higher energy levels for defibrillation in out-of-hospital cardiac arrest. Circulation. 2007;115:1511-1517.

<sup>2</sup>Walker G, Koster R, Sun C, et al. Defibrillation probability and impedance change between shocks during resuscitation from out-of-hospital cardiac arrest. Resuscitation. 2009;80:773-777.

<sup>3</sup>Koster R, Walker R, Chapman F. Recurrent ventricular fibrillation during advanced life support care of patients with prehospital cardiac arrest. Resuscitation. 2008;78:252-257.

<sup>4</sup>Khaykin Y, Newman D, Kowalewski M, et al. Biphasic versus monophasic cardioversion in shock-resistant atrial fibrillation: a randomized clinical trial. Journal of Cardiovascular Electrophysiology. 2003;8(14);868-872.

## Take the next step

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⬇ [LIFEPAK 15 warranty statement](#)

⬇ [LIFEPAK 15 hospital brochure](#)

[LIFEPAK 15 configuration tool](#)

⬇ [LIFEPAK 15 data sheet](#)

[More LIFEPAK 15 resources](#)

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Last name\*

Last name\*

Organization\*

Organization\*

Zip/postal code\*

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Phone\*

Phone\*

Country\*

Select country\*



Organization type

Organization type



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SUBMIT



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#### Submission information

Form: [Capital Request Form - Non-Vehicle Related](#) [1]  
Submitted by Anonymous (not verified)  
July 29, 2022 - 12:34pm  
71.184.219.170

#### Department Name

Fire Department

#### Department Head Name

Steven Achilles

#### Department Head Title

Fire Chief

#### Fiscal Year Requested

FY24

#### Project Description

This project is scheduled replacement of the (2) two Cardiac Monitors / Defibrillators carried on the department ambulances. This is required medical equipment by the state to maintain advanced life support licensure.

#### Select how your project fits into one or more of the following conditions from the town's Capital Plan

- Improvement in the efficiency and effectiveness of service delivery
- Scheduled replacement (i.e. motor vehicles, roofs, computers)

#### Why is the project being requested?

This is a scheduled replacement. The project will fund the purchase of two (2) Cardiac Monitor / Defibrillators with capnography, pulse oximetry, and non-invasive blood pressure monitoring.

#### Estimated Useful Life (in years)

10

#### Amount Requested

90,000

#### Expected Funding Source

Ambulance Fund

#### What alternate funding sources have you pursued to offset any portion of the amount requested?

None.



**Describe and quantify any revenue that this project may create for the town or alternatively operating costs that may be reduced (if applicable)**

This project is supported by generated ambulance revenues and is a billable treatment / diagnostic procedure.

**Estimated Annual Maintenance Cost of Project**

500

**Provide details of any accessibility considerations for this project.**

None.

**Provide details of the expected timeline for implementation of this project, upon funding**

This project will be completed by the end of the second quarter of FY24.

**Please provide any supporting documentation that supports the amount requested including any available vendor quotes.**

[southborough\\_fire\\_budget\\_numbers\\_for\\_lp15\\_and\\_power\\_cot\\_2\\_7\\_29\\_22.pdf](#) [2]

**Please provide any additional files that you believe may be helpful with our review of this request**

[lifepak\\_15\\_monitor\\_defibrillator\\_-\\_proven\\_clinical\\_performance\\_stryker.pdf](#) [3]

**Date Submitted**

July 29, 2022

**Source URL:** <https://www.southbroughtown.com/node/123501/submission/10396>

**Links**

[1] <https://www.southbroughtown.com/capital-planning-committee/webforms/capital-request-form-non-vehicle-related>

[2]

[https://www.southbroughtown.com/system/files/webform/southborough\\_fire\\_budget\\_numbers\\_for\\_lp15\\_and\\_power\\_cot\\_2\\_7\\_29\\_22.pdf](https://www.southbroughtown.com/system/files/webform/southborough_fire_budget_numbers_for_lp15_and_power_cot_2_7_29_22.pdf)

[3] [https://www.southbroughtown.com/system/files/webform/lifepak\\_15\\_monitor\\_defibrillator\\_-\\_proven\\_clinical\\_performance\\_stryker\\_0.pdf](https://www.southbroughtown.com/system/files/webform/lifepak_15_monitor_defibrillator_-_proven_clinical_performance_stryker_0.pdf)



## Budget LP15, power cot 2

Quote Number: 10432859

Remit to: **Stryker Medical**

P.O. Box 93308

Version: 1

Chicago, IL 60673-3308

Prepared For: TOWN OF SOUTHBOROUGH FIRE DEPT

Rep: Crystale Perry

Attn:

Email: [crystale.perry@stryker.com](mailto:crystale.perry@stryker.com)

Phone Number: (401) 255-8876

Quote Date: 07/28/2022

Expiration Date: 09/30/2022

### Delivery Address

Name: TOWN OF SOUTHBOROUGH  
FIRE DEPT

Account #: 1286384

Address: 32 CORDAVILLE RD

SOUTHBOROUGH

Massachusetts 01772-1639

### End User - Shipping - Billing

Name: TOWN OF SOUTHBOROUGH  
FIRE DEPT

Account #: 1286384

Address: 32 CORDAVILLE RD

SOUTHBOROUGH

Massachusetts 01772-1639

### Bill To Account

Name: TOWN OF SOUTHBOROUGH  
FIRE DEPT

Account #: 1286384

Address: 32 CORDAVILLE RD

SOUTHBOROUGH

Massachusetts 01772-1639

### Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	99577-001958	LIFEPAK 15 V4 Monitor/Defib - Manual & AED, Trending, Noninvasive Pacing, SpO2, SpCO, NIBP, 12-Lead ECG, EtCO2, Temp, BT. Incl at N/C: 2 pr QC Electrodes (11996-000091) & 1 Test Load (21330-001365) per device, 1 Svc Manual CD (26500-003612) per order	1	\$38,110.00	\$38,110.00
2.0	41577-000290	Ship Kit -QUIK-COMBO Therapy Cable; 2 rolls100mm Paper; RC-4, Patient Cable, 4ft.; NIBP Hose, Coiled; NIBP Cuff, Reusable, adult; 12-Lead ECG Cable, 4-Wire Limb Leads, 5ft; 12-Lead ECG Cable, 6-Wire Precordial attachment; Temperature Adapter Cable, 5ft	1	\$0.00	\$0.00
3.0	21330-001176	LP 15 Lithium-ion Battery 5.7 amp hrs	4	\$494.00	\$1,976.00
4.0	11171-000082	Masimo™;RC Patient Cable - EMS, 4 FT.	1	\$250.00	\$250.00
5.0	11171-000049	Masimo™Rainbow™ DCI Adult Reusable SpO2, SpCO, SpMet Sensor, 3 FT. For use with RC Patient Cable.	1	\$640.00	\$640.00
6.0	11171-000046	Masimo™M-LNCS® DCI, Adult Reusable SpO2 only Sensor. For use with RC Patient Cable.	1	\$301.00	\$301.00
7.0	21300-008159	LIFEPAK 15 NIBP Straight Hose, 6'	1	\$73.00	\$73.00
8.0	11160-000011	NIBP Cuff-Reusable, Infant	1	\$23.00	\$23.00
9.0	11160-000013	NIBP Cuff-Reusable, Child	1	\$26.00	\$26.00
10.0	11160-000017	NIBP Cuff -Reusable, Large Adult	1	\$36.00	\$36.00
11.0	11160-000019	NIBP Cuff-Reusable, Adult X Large	1	\$51.00	\$51.00
12.0	11577-000002	LIFEPAK 15 Basic carry case w/right & left pouches; shoulder strap (11577-000001) included at no additional charge when case ordered with a LIFEPAK 15 device	1	\$337.00	\$337.00



## Budget LP15, power cot 2

Quote Number: 10432859

Remit to: **Stryker Medical**

P.O. Box 93308

Version: 1

Chicago, IL 60673-3308

Prepared For: TOWN OF SOUTHBOROUGH FIRE DEPT

Rep: Crystale Perry

Attn:

Email: [crystale.perry@stryker.com](mailto:crystale.perry@stryker.com)

Phone Number: (401) 255-8876

Quote Date: 07/28/2022

Expiration Date: 09/30/2022

#	Product	Description	Qty	Sell Price	Total
13.0	11220-000028	LIFEPAK 15 Carry case top pouch	1	\$61.00	\$61.00
14.0	11260-000039	LIFEPAK 15 Carry case back pouch	1	\$87.00	\$87.00
16.0	650705550001	6507 POWER PRO 2, HIGH CONFIG	1	\$31,900.00	\$31,900.00
17.0	650707000002	Lithium-Ion Battery	1	\$900.00	\$900.00
18.0	650700450102	ASSEMBLY, POWER CORD, NORTH AM	1	\$29.42	\$29.42
19.0	650700450301	ASSEMBLY, BATTERY CHARGER	1	\$1,288.00	\$1,288.00
Equipment Total:					\$76,088.42

### ProCare Products:

#	Product	Description	Qty	Sell Price	Total
15.1	78000008	ProCare LIFEPAK 15 Prevent Service: Annual onsite preventive maintenance inspection and unlimited repairs including parts, labor and travel with battery coverage for LIFEPAK 15 V4 Monitor/Defib - Manual & AED, Trending, Noninvasive Pacing, SpO2, SpCO, NIBP, 12-Lead ECG, EtCO2, Temp, BT. Incl at N/C: 2 pr QC Electrodes (11996-000091) & 1 Test Load (21330-001365) per device, 1 Svc Manual CD (26500-003612) per order	1	\$7,200.00	\$7,200.00
20.1	77500010	ProCare Power-PRO 2 Prevent Service: Annual onsite preventive maintenance inspection and unlimited repairs including parts, labor and travel with SEM and battery coverage for 6507 POWER PRO 2, HIGH CONFIG	1	\$8,460.00	\$8,460.00
ProCare Total:					\$15,660.00

### Price Totals:

Estimated Sales Tax (0.000%):	\$0.00
Freight/Shipping:	\$305.77
Grand Total:	\$92,054.19

**Capital Terms and Conditions:**

Deal Consummation: This is a quote and not a commitment. This quote is subject to final credit, pricing, and documentation approval. Legal documentation must be signed before your equipment can be delivered. Documentation will be provided upon completion of our review process and your selection of a payment schedule. Confidentiality Notice: Recipient will not disclose to any third party the terms of this quote or any other information, including any pricing or discounts, offered to be provided by Stryker to Recipient in connection with this quote, without Stryker's prior written approval, except as may be requested by law or by lawful order of any applicable government agency. A copy of Stryker Medical's Acute Care capital terms and conditions can be found at [https://techweb.stryker.com/Terms\\_Conditions/index.html](https://techweb.stryker.com/Terms_Conditions/index.html). A copy of Stryker Medical's Emergency Care capital terms and conditions can be found at <https://www.strykeremergencycare.com/terms>.



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[Home](#) > [Boards & Committees](#) > [Capital Planning Committee](#) > [Capital Request Form - Non-Vehicle Related](#) > [Webform results](#) > Capital Request Form - Non-Vehicle Related

#### Submission information

Form: [Capital Request Form - Non-Vehicle Related](#) [1]

Submitted by Anonymous (not verified)

July 28, 2022 - 10:27am

71.184.219.170

#### Department Name

Fire Department

#### Department Head Name

Steven Achilles

#### Department Head Title

Fire Chief

#### Fiscal Year Requested

FY24

#### Project Description

This project is the replacement of one (1) of two (2) ambulance power stretchers. The stretcher to be replaced has rapidly approaching its service life at 8 years. The project will fund the purchase of s Stryker Power Cot to be placed in the new ambulance.

#### Select how your project fits into one or more of the following conditions from the town's Capital Plan

- Improvement in the efficiency and effectiveness of service delivery
- Results in lower operations and maintenance costs
- Scheduled replacement (i.e. motor vehicles, roofs, computers)

#### Why is the project being requested?

This project maintains essential services.

#### Estimated Useful Life (in years)

8

#### Amount Requested

55,000

#### Expected Funding Source

**Ambulance Fund**

**What alternate funding sources have you pursued to offset any portion of the amount requested?**

None.

**Describe and quantify any revenue that this project may create for the town or alternatively operating costs that may be reduced (if applicable)**

None.

**Estimated Annual Maintenance Cost of Project**

500

**Provide details of any accessibility considerations for this project.**

None.

**Provide details of the expected timeline for implementation of this project, upon funding**

Purchase will be made during first quarter of FY24.

**Please provide any supporting documentation that supports the amount requested including any available vendor quotes.**

[southborough\\_fire\\_power\\_load\\_cot\\_stair\\_chair.pdf](#) <sup>[2]</sup>

**Please provide any additional files that you believe may be helpful with our review of this request**

[powerproxt\\_brochure\\_mktlit112revk1.pdf](#) <sup>[3]</sup>

**Date Submitted**

July 28, 2022

**Source URL:** <https://www.southboughtown.com/node/123501/submission/10376>

**Links**

[1] <https://www.southboughtown.com/capital-planning-committee/webforms/capital-request-form-non-vehicle-related>

[2] [https://www.southboughtown.com/system/files/webform/southborough\\_fire\\_power\\_load\\_cot\\_stair\\_chair\\_0.pdf](https://www.southboughtown.com/system/files/webform/southborough_fire_power_load_cot_stair_chair_0.pdf)

[3] [https://www.southboughtown.com/system/files/webform/powerproxt\\_brochure\\_mktlit112revk1\\_0.pdf](https://www.southboughtown.com/system/files/webform/powerproxt_brochure_mktlit112revk1_0.pdf)

# Power-PRO™ XT

powered ambulance cot



# Power-PRO™ XT

## powered ambulance cot

Our Power-PRO XT powered ambulance cot utilizes a battery-powered hydraulic system effectively raising and lowering a cot at the touch of a button.

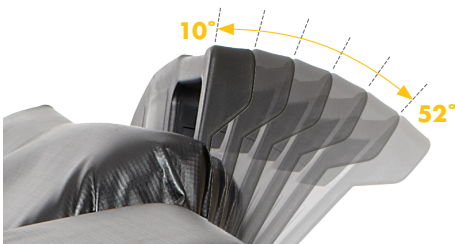
1 in 4 EMS workers will suffer a career ending back injury within their first four years in the field<sup>1</sup>. The number one cause – Lifting. Our Power-PRO XT powered ambulance cot utilizes a battery-powered hydraulic system effectively raising and lowering a cot at the touch of a button. Use of the Power-PRO XT has proven to reduce spinal loading, resulting in reduced injuries, lost or modified workdays and Workers' Compensation costs, and increased recruitment and retention.

Each cot lift poses the risk for caregiver injury, but we have the **power** to reduce that risk. Introducing the Stryker Power-PRO XT – **More power to you.**

### Key features

- Settable Load Height with Jog Function. Adjusts to fit your ambulance.
- Pneumatically Assisted Backrest. Significantly reduces operator effort and increases patient comfort.
- Fold-Down Siderails. A Stryker innovation. Siderails are designed to provide patients with a greater sense of security.
- Head- and Foot-end Lift and Grip Section . Lifting handles optimized to 30 degrees, the angle preferred by most operators.
- Foot-End Controls. Controls are duplicated on both upper and lower lift bars to accommodate operators of all sizes.
- Wheel-Lock. Power-PRO comes standard with dual wheel locks which help keep cot in place and allows for safer patient transfers.

## Powerful options



**XPS** expandable patient surface

### Seven locking positions

Between 10 and 52 degrees

Cots with XPS meet current tip stability standards for both patient and provider safety\*. Engineered for durability and cleanability, with a 6061-T6 aluminum core and over-mold design.



**SMRT** power system

### SMRT Pak (2)

Powerful and dependable. Long run times give you confidence on every call.

### Automatic charging

SMRT charger automatically evaluates the condition of each SMRT pak and cannot overcharge or overheat SMRT paks.



**Steer-Lock** system

### Standard Features:

- Activation points at the head and foot end
- Durable stainless steel cable, aluminum frame, and high-strength nylon activation points
- Weight 2.5 lb (1.1 kg)



### Retractable Head Section

Retractable head section provides 360-degree mobility in any height position.

### XPS

Adjustable with seven locking positions and includes a wider mattress that reduces transfer gap and designed with patient comfort in mind.

### Shock, Flat Leg, or Optional Knee Gatch Positioning

Knee gatch provides patient comfort and greater lift clearance.

### Hydraulic Lift System

Battery-powered hydraulic lift system with manual back-up for operator confidence.

### SMRT Battery

Zero memory charging solution designed to give superior performance to your Power-LOAD cot

### Compatibility Kit

Allows for Power-PRO XT cots to work with Power-LOAD, Performance LOAD or both

### Steer-Lock

Maximizes cot mobility control by locking the head end casters into a straight position preventing cot drift and enhancing its turning precision.



### X-Restraint Package

Meets SAE J3027 dynamic crash test safety standards.

## In a national survey of 250 caregivers from 15 states that use the Stryker Powered System (Power-PRO XT & Power-LOAD®)

**99%**

of those surveyed agree the Stryker Power-PRO XT has made their job easier.<sup>4</sup>

**100%**

reduction in back injuries was experienced by one service with the assistance of the Power-PRO XT Cot<sup>2</sup>

**up to 44%**

results suggest adding powered cots to the lifting process may decrease the risk of developing a low back disorder<sup>3</sup>

**50%**

Use of a powered cot may decrease compression forces by approximately 50% and shear forces by approximately 46% as compared with a manual cot<sup>3</sup>

1. Sanders, Mick J. (2011) Mosby's Paramedic Textbook (4th ed., p. 36

2 Reference: Stryker. (2012). Superior Ambulance Case Study [Case Study on Power-PRO XT cots]. Retrieved from: <http://ems.stryker.com>

3 Reference: T.K. Fredericks, S.E. Butt, K.S. Harms, J.D. Burns (2013). "Evaluation of Medical Cot Design Considering Biomedical Impact on Emergency Response Personnel." International Society for Occupation Ergonomics & Safety.

4 Stryker. (2016). Staff satisfaction [Caregivers agree that the stryker powered system increases staff satisfaction.]. Retrieved from: <http://ems.stryker.com>

\* Certified to IEC 60601-1 for Power-PRO XT and Power-PRO TL. BS-EN 1789 for Power-PRO XT, Power-PRO TL and Performance-PRO XT.

## Specifications

<b>Model Number</b>	<b>6506</b>
<b>Height<sup>1</sup></b> (infinite height positioning between lowest and highest position)	
Highest Position	41.5 in. (105 cm)
Lowest Position	14 in. (36 cm)
<b>Length</b>	
Standard	81 in. (206 cm)
Minimum	63 in. (160 cm)
<b>Width</b>	23 in. (58 cm)
<b>Weight<sup>2</sup></b>	125 lb (57 kg)
<b>Wheels</b>	
Diameter	6 in. (15 cm)
Width	2 in. (5 cm)
<b>Articulation</b>	
Backrest	0 – 73°
Shock Position	+15°
Optional Knee Gatch	30°
<b>Maximum Weight Capacity<sup>3</sup></b>	700 lb (318 kg)
<b>Minimum Operator Required</b>	
Occupied Cot	2
Unoccupied Cot	1
<b>Recommended Fastener System</b>	
Power-LOAD	Model 6390
Floor Mount	Model 6370 or 6377
Wall Mount	Model 6371
<b>Recommended Loading Height<sup>4</sup></b>	Up to 36 in (91 cm)

<sup>1</sup> Height measured from bottom of mattress, at seat section, to ground level.

<sup>2</sup> Cot is weighed with one battery pack, without mattress and restraints.

<sup>3</sup> 700 lb weight capacity with an unassisted lift capacity of 500 lb (Cot loads over 300 lb (136 kg) may require additional assistance to meet the set cot load height).

<sup>4</sup> Can accommodate load decks up to 36 in. Load height can be set between 26 in and 36 in.

Stryker reserves the right to change specifications without notice.

In-service video included with every order.

The Power-PRO XT is designed to conform to the Federal Specification for the Star-of-Life Ambulance KKK-A-1822.

The Power-PRO XT is designed to be compatible with competitive cot fastener systems.

The yellow and black color scheme is a registered trademark of Stryker Corporation.

Meets dynamic crash standards with Power-LOAD cot fastening system (AS/NZS-4535, BS EN-1789 with X-restraints and SAE J3027) and Performance-LOAD cot fastening system (SAE J3027 with X-restraints).

Stryker Corporation or its divisions or other corporate affiliated entities own, use or have applied for the following trademarks or service marks: **Flex Financial, Power-LOAD, Power-PRO, ProCare, Stryker**. All other trademarks are trademarks of their respective owners or holder.

## Technical Support

Stryker Technical Support comprises a team of professionals available to help with your Performance-LOAD needs. Contact via phone at 1 800 STRYKER or email at [TechnicalSupport@Stryker.com](mailto:TechnicalSupport@Stryker.com).

## ProCare Service from Stryker

With maintenance, service and work-flow solutions that proactively maintain your equipment, we help you get every last penny out of your investment. Two-hour priority response callback time and 24- to 72-hour product turnaround help you focus more on your patients and less on equipment upkeep.

## Flex Financial Program

Our financial programs provide a range of smart alternatives designed to fit your organization's needs. We offer flexibility beyond a cash purchase with payment structures customizable to meet budgetary needs and help to build long-term financial stability. Specialized finance solutions for municipalities and other government agency businesses are also available.

To learn more about the wide range of financial services, call 1 888 308 3146.

The information presented in this brochure is intended to demonstrate a Stryker product. Always refer to the package insert, product label and/or user instructions before using any Stryker product. Products may not be available in all markets. Product availability is subject to the regulatory or medical practices that govern individual markets. Please contact your Stryker Account Manager if you have questions about the availability of Stryker products in your area.

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