



RUTHANNE FULLER
MAYOR

City of Newton, Massachusetts
Office of the Mayor

188-23
Telephone
(617) 796-1100
Telefax
(617) 796-1113
TDD
(617) 796-1089
E-mail
rfuller@newtonma.gov

May 8, 2023

Honorable City Council
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459

Councilors:

I respectfully submit a docket item to your Honorable Council requesting authorization to appropriate and expend the sum of six hundred forty thousand dollars (\$640,000) from June 30, 2022 Certified Free Cash to a Newton Police Department Capital Account to fund several technology initiatives, including a Storage Area Network and significant technology infrastructure improvements.

In an effort to minimize debt service payments and free-up operating funds, and because the June 30, 2022 Certified Free Cash was much higher than is customary, we are requesting Free Cash for these one-time expenditures.

Please see the attached memo from Chief Carmichael detailing the components of this project.

Thank you for your consideration of this matter.

Sincerely,

Ruthanne Fuller
Mayor

RECEIVED
2023 MAY -9 PM 1:09
CITY CLERK
NEWTON, MA 02459



City of Newton Police Department



TELEPHONE
(617) 796-2101
FAX # (617) 796-3679

John F. Carmichael
CHIEF OF POLICE

Office of the Chief of Police
HEADQUARTERS
1321 WASHINGTON STREET
NEWTON, MASSACHUSETTS 02465

Date: May 3, 2023
To: Mayor Fuller and CFO Lemieux
From: Chief John Carmichael
Ref: NPD Informational Technology Needs

Dear Mayor and CFO,

With the addition of our new IT Manager Matt Tocchio NPD has been assessing the immediate and long-term IT needs of the department from an IT management perspective. We will be working closely with city IT in the coming weeks and months to help update and maintain our IT system. As a way to provide preliminary information relative to IT we are sharing some of the items identified as critical and others which can be implemented over time. 1a and 1b is critical to transition from one dispatch center to a new IT infrastructure to support a new design moving forward in a 24/7 operations center.

**1. Data Center Replacement and Network Infrastructure Replacement.
Estimated cost \$375,000**

As equipment gets older it becomes harder to maintain the level of quality and performance when initially installed and directly effects the day-to-day operation of Public Safety. By replacing this old equipment at HQ at one time ensures that all hardware is current with operating systems allowing for greater integration with supported software across the enterprise and designs firewall use with redundancy.

The dispatch center is the Hub of Public Safety 24 x7x365 continuously using technology to keep the community safe, dispatching Police, Fire, EMS and computer aided dispatch (CAD), and other information specific to the needs of Public Safety. The importance of this project is to maintain hardware across the Public Safety Building at an equivalent level that will support the needs of



Public Safety. Including Data Servers, Data Staging, Network and Communications. This is a priority IT need for NPD.

This is also for new building switches for Newton Police and Public Safety Dispatch locations for local network for CJIS info and CAD data to run on. By adding this equipment and creating encrypted connections from certain locations and using dark fiber building out a new secure network will put NPD in compliance with CJIS and FBI regulations. Having multifactor authentication enabled on switches, computers, servers is necessary and required in this type of environment. Having advanced security above the firewalls is important as we need to see into the network as security and cyber issues pose a real threat.

2. Tablets and setups for Police Cruisers \$265,000

The current mobile data computers have exceeded their life expectancy as they have been in service 24/7 for 5 years. Additionally, the current tablets are operating on a Windows 7 system. This is for 50 marked and unmarked cruisers and includes more than a computer as mounts/docks/power supplies all need to be outfitted in each cruiser. These hardened tablets are not inexpensive, but they are used non-stop 24/7 in hot, cold and wet environments unlike typical computers. Police cruisers are the mobile office of a Patrol Officer, and it is critical we provide the tools for the job as they are in the cruiser most of their shift.

Respectfully,



Chief John Carmichael

