



TOWN OF TYNGSBOROUGH
Capital Asset Management Committee

25 Bryants Lane
Tyngsborough, MA 01879
Tel: 978 649-2300 Ext. 100 Fax: 978 649-2320

Capital Asset Management Plan
FY2018 through FY2022

The following is the FY18 report of the Capital Asset Management Committee (CAMC). The members of the committee are as follows:

William Gramer, Board of Selectmen
Robert Jackson, Board of Selectmen
Paul Mitchell, School Committee
Chris Mellen, Finance Committee member
Robert Mullin, School Committee

Angel Wills, Finance Director/Accountant, serves as an ad-hoc member. Matt Hanson, Town Administrator, and Michael Flanagan, Superintendent of Schools, provide supportive information to the committee.

Departments were asked to submit their requests for capital improvement projects by the first week in January, 2017. The Assistant Town Administrator then compiled the requests and presented the initial Proposed Capital Projects and Improvements Plan FY2018 – FY2022 in summary form. This process paralleled the Fiscal Year 2018 budget process to ensure that the proposed capital projects would be based on available funding. The Capital Asset Management Committee concluded its business on March 13, 2017 by a vote at a joint meeting with the Board of Selectmen.

Meeting Dates: February 8, 2017
March 8, 2017
March 13, 2017 (Joint with Board of Selectmen)

The Committee reviewed the Town's existing debt schedule, available free cash, revolving funds, enterprise funds and other funds available for capital purchases.

SOURCE	FY '17	CHANGE+/-	FY '18	%of Operating
Stabilization Fund	\$1,234,703	\$478,870	\$1,713,573	4.40%
Capital Asset Fund	\$568,764	\$0	\$568,764	1.46%
Debt Stabilization	\$393,503	(\$181,790)	\$211,713	.54%
Compensated Absences	\$153,452	\$36,723	\$190,175	.49%
Billboard Stabilization	\$20,000	(\$20,000)	\$0	.00%
Total Reserves	\$2,370,422	\$313,803	\$2,684,225	6.90%

Operating reserves ratio = 6.90%

FY16 Certified Free Cash \$2,018,870.00

DOR recommends a reserve balance between 5-10% of operating budget. Rating agencies prefer a ratio closer to 10%. The final balance shown for FY18 includes the anticipated Town Meeting appropriations at the May 16, 2017 Annual Town Meeting.

FY18 RECOMMENDATIONS

The Capital Asset Management Committee (CAMC) reviewed each of the items presented to the CAMC for FY18. Due to limited funding, departments were also asked to prioritize their most pressing needs. In making its recommendations, although limited by the available funds, the committee also gave full consideration to each capital request with respect to the overall 5-year capital management plan.

Recommendation of All items submitted

The CAMC makes the following recommendations regarding all of the submissions made for FY17 Special Town Meeting and FY18 Annual Town Meeting, along with supporting information (attached) that describes each item. All capital items for the May 16, 2017 Annual and Special Town Meeting are proposed to be funded through FY16 Free Cash.

Annual Town Meeting - FY18

<u>Dept.</u>	<u>Project</u>	<u>Not to Exceed</u>	<u>Expended by</u>
Police	Replace Radio	\$23,160	Board of Selectmen
Police	Replace Tasers	\$21,700	Board of Selectmen
BOS/TA	Security upgrades	\$20,000	Board of Selectmen
Highway	Digital Message Board	\$25,000	Board of Selectmen
Highway	Complete Wash Bay	\$25,000	Board of Selectmen
Highway	1-Ton Truck	\$60,000	Board of Selectmen
Highway	Septic System Improvements	\$25,000	Board of Selectmen
School	Security upgrades	\$80,000	School Committee
School	Generator for TMS	\$75,000	School Committee
School	Chromebooks/Science	\$64,125	School Committee
School	Replace 25-year old Tractor	\$65,000	School Committee
		\$483,985	TOTAL

Special Town Meeting - FY17

<u>Dept.</u>	<u>Project</u>	<u>Not to Exceed</u>	<u>Expended by</u>
Police	Replace Police Cruisers	\$84,000	Board of Selectmen
Police	Replace Cruiser Radios	\$11,700	Board of Selectmen
		\$95,700	TOTAL

The Police cruisers and cruiser radios are being requested through the Special Town Meeting so the Police Department can order them in May, rather than wait until July 1st. At the beginning of the fiscal year starting July 1st, numerous police departments across the state purchase vehicles at the same time, creating a lengthy delay in the lead time for delivering the vehicles.

The Town must continue to be diligent with its capital planning efforts for buildings, equipment, and infrastructure. Sound planning will benefit the health, safety, and productivity of our citizens, school children, and employees for years to come.

School Department Requests

<u>Dept.</u>	<u>Project</u>	<u>Not to Exceed</u>	<u>Expended by</u>
School	Security upgrades	\$80,000	School Committee
School	Generator for TMS	\$75,000	School Committee
School	Chromebooks/Science	\$64,125	School Committee
School	Replace 25-year old Tractor	\$65,000	School Committee



Town of Tyngsborough
Capital Project Item Justification Request
Five Year Plan - Form 1
FY 2018 to FY 2022

Part I

Tracking # 300-18-1 Dept. Name School Contact Person/Tel # M. Flanagan

Prepared by G. Trachis Signature [Signature] Date 2/6/17

Fiscal Year Needed _____ Project Name SECURITY UPGRADES
TMS & THS.

Expected Life of Item 15 (Yrs) Is this a replacement Item _____ Are Add'l Pages Attached _____

Total Current Estimated Cost _____ Non-General Fund source: _____

Was a Grant applied for in connection with this project? _____ If yes, submit a copy

Is a Design, Study, Bid Specification, or Consultant required for this project? YES

If yes, has this been completed? YES (If yes, submit details and copies of documents including Consultant's Report)

Is this a Regulatory Compliance Requirement? NO

Urgent Need? (Y) N

Part II

Detailed description to include explanation of need, general specifications, with explanation of significance and reason for timing:
* see attached

Source of estimated cost (include copies of any backup information as appropriate):

Detailed explanation of impact on operating budget (Include impact if funded, ie savings etc, and also if NOT funded):

If item is replacing a like item (including vehicles or equipment), list age, condition, mileage etc of equipment to be replaced.



Town of Tyngsborough
Capital Project Supplemental Information For Equipment Requests
Five Year Plan – Form 1
FY 2018 to FY 2022

Reference: Project Name _____ Tracking Number _____

Purpose of expenditure: (Check as appropriate)

- Scheduled Replacement
- Present Equipment Obsolete
- Replace Worn Out Equipment
- Reduce Personnel Time (ie, Payroll Savings)
- Expanded Service
- New Operation
- Increased Safety
- Improve Procedures, Records, Etc
- Regulatory Compliance

Usage: (Answer as appropriate)

Estimated Usage of Requested Item:

Will this item be used on a seasonal basis only?	_____ <i>No</i> _____
Months Use per Year	_____ <i>12</i> _____
Number of Weeks Use per Year	_____ <i>52</i> _____
Average Days per Week Used	_____ <i>7</i> _____
Average Hours per Day Used	_____ <i>24</i> _____
Estimated Useful Life (in Years)	_____ <i>10-15 yrs</i> _____

Security: Capital Plan

LBA Comment on Security Conditions in Executive Summary:

“Generally, the buildings were not designed with security in mind and the buildings as configured today pose safety and security challenges. Door access control is lacking at the main entries, security camera and digital video recording (DVR) systems, where present, are antiquated, and there is no monitoring of exterior doors. Furthermore, poor sight lines between the main offices and building entries allow intruders to enter the buildings unimpeded”.

LBA comments and recommendations at **High School**:

Security System Analysis

The School contains an intrusion system that consists of motion sensors, door contacts and keypads to arm and disarm the system. The intrusion system is manufactured by Honeywell and is operational.

The school also contains a CCTV system. The system consists of 16 analog cameras that are wired back to a DVR in the head-end room. The system is antiquated and should be upgraded. (It should be noted here that subsequent to LBA's study we replaced the HS DVR with a new HD DVR, and replaced 5 of the 16 cameras. All are operational, but several are still poor quality and need to be upgraded to HD cameras.)

There is no access control at the front entry doors. Furthermore, there is no direct line of sight from the main office to the main entry doors, meaning visitors or intruders can access the building unimpeded.

During peak times of the day staff are located in the main lobby to monitor the main entry doors.

Recommendations for High School:

- At new entry vestibule doors, provide new card access control and Aiphone video intercom at main entry. Possible second entry at loading dock service door for 1st Responders.
- Provide updated video cameras to replace existing that have not already been updated.
- Provide wireless monitoring of exterior doors - sound alarm or buzzer at unauthorized entry or exit.
- Re-purpose the “pill” shaped storage room in the main lobby (formerly the school store) to a security kiosk.

LBA comments and recommendations at ***Middle School***:

Security System Analysis

The Security System consists of a wireless Intrusion System made up of wireless door contacts and a Honeywell Intrusion keypad. The system seems to be operational.

The building is equipped with an antiquated CCTV security camera system consisting of 2 cameras which monitor the main entry and the back door.

Poor line of sight issues were noted between the main office and the main entry as well as out to the parking lot approach to the building. The building can be accessed by visitors or intruders unimpeded.

Recommendations for Middle School:

- At new vestibule provide new card access control and Aiphone video intercom and separate access control at kitchen service door for 1st responders.
- Provided new CCTV video cameras with and integrated web based video management system. Includes cameras, server or DVR, cabling and networking.
- Provide wireless monitoring of existing doors - sound alarm or buzzer at unauthorized entry or exit.



**Town of Tyngsborough
Capital Project Item Justification Request
Five Year Plan - Form 1
FY 2018 to FY 2022**

Part I

Tracking # 300-18-3 Dept. Name School Contact Person/Tel # M. Flanagan

Prepared by G. Trear Signature [Signature] Date 2/6/17

Fiscal Year Needed _____ Project Name KUBOTA TRACTOR
(with necessary attachments)

Expected Life of Item 25 (Yrs) Is this a replacement Item yes Are Add'l Pages Attached _____

Total Current Estimated Cost _____ Non-General Fund source: _____

Was a Grant applied for in connection with this project? _____ If yes, submit a copy

Is a Design, Study, Bid Specification, or Consultant required for this project? No

If yes, has this been completed? _____ (If yes, submit details and copies of documents including Consultant's Report)

Is this a Regulatory Compliance Requirement? No

Urgent Need? (Y) N

Part II

Detailed description to include explanation of need, general specifications, with explanation of significance and reason for timing:

EXISTING FORD 1500 MODEL TRACTOR 25 years old.

Source of estimated cost (include copies of any backup information as appropriate):

ALTERN EQUIPMENT (STATE BID LIST)

Detailed explanation of impact on operating budget (Include impact if funded, ie savings etc, and also if NOT funded):

If item is replacing a like item (including vehicles or equipment), list age, condition, mileage etc of equipment to be replaced.

25 years old - 1991 FORD MODEL 1520
Condition is FAIR. Has been maintained very well.
Hours on Hour Meter: 4,345 Hrs.
Over time, many parts have been repaired or replaced. Engine & Transmission are at their life expectancy. Repair have and will continue to be more frequent.



Town of Tyngsborough
Capital Project Supplemental Information For Equipment Requests
Five Year Plan – Form 1
FY 2018 to FY 2022

Reference: Project Name KUBOTA TRACTOR Tracking Number _____

Purpose of expenditure: (Check as appropriate)

- () Scheduled Replacement
- () Present Equipment Obsolete
- () Replace Worn Out Equipment
- () Reduce Personnel Time (ie, Payroll Savings)
- () Expanded Service
- () New Operation
- () Increased Safety
- () Improve Procedures, Records, Etc
- () Regulatory Compliance

Usage: (Answer as appropriate)

Estimated Usage of Requested Item:

Will this item be used on a seasonal basis only?	<u>NO.</u>
Months Use per Year	<u>12</u>
Number of Weeks Use per Year	<u>52</u>
Average Days per Week Used	<u>4</u>
Average Hours per Day Used	<u>2-4</u>
Estimated Useful Life (in Years)	<u>25</u>



460 Main Street Spencer, MA 01562
 PH: (508) 885-7085 FX: (508) 885-7261
 www.ahearnequipment.com



Ship To: SAME AS BELOW

Branch 01 - SPENCER		
Date 02/08/2017	Time 10:18:44 (O)	Page 1
Account No TYNGS002	Phone No 9786497488	Est No 01 Q01658
Ship Via	Purchase Order	
Tax ID No 046001328		
PETER BERTHIAUME		Salesperson 15

Invoice To: TYNGSBOROUGH PUBLIC SCHOOLS
 50 NORRIS ROAD
 TYNGSBOUROUGH MA 01879

EQUIPMENT ESTIMATE - NOT AN INVOICE

Description ** Q U O T E ** EXPIRY DATE: 03/10/2017 Amount

New KUBOTA L4760HSTC Kubota 4WD Tractor 37458.16
 FACTORY CAB TRACTOR WITH HEAT AND A/C
 ****INCLUDING THE FOLLOWING OPTIONS****
 L4760HSTC Kubota 4WD Tractor
 ALR8708-ALR6803 4 X TURF TIRES
 L8333 REAR WORK LIGHT (2 LIGHTS)
 L8340 DEFOGGER KIT (REAR WINDOW)
 L8364 REAR WIPER KIT
 L5534 HIGH AMP AITERNATOR
 77700-04753 JENSEN RADIO KIT BLUETOOTH MP3 AM/FM
 L8170 BALLAST BOX

New KUBOTA LA1055 KUBOTA FRONT END LOADER 6101.70
 ****INCLUDING THE FOLLOWING OPTIONS****
 LA1055 KUBOTA FRONT END LOADER WITH QUICK COUPLER
 L2265 THIRD FUNCTION VALVE
 307092 72IN BKT W/BOE

New KUBOTA BH92 KUBOTA BACKHOE 8528.62
 ****INCLUDING THE FOLLOWING OPTIONS****
 BH92 KUBOTA BACKHOE
 BH4982 MOUNTING KIT L60 CAB
 BH4999 SUBFRAME KIT L60
 BT3003A 18 PIN ON BUCKET
 L9467 2 X RUBBER PADS

Sale Total: 52088.48
 Subtotal: 52088.48
 Quote Total: 52088.48

Authorization: _____
 PRICE REFLECTS 2016 FAC88 STATE CONTRACT PRICING
 MA VENDOR NUMBER - 207413

** Add snow blower*

Also: snow blower for Deere

Thank You For Your Business!



460 Main Street Spencer, MA 01562
 PH: (508) 885-7085 FX: (508) 885-7261
 www.ahearnequipment.com



Ship To: SAME AS BELOW

Branch 01 - SPENCER		
Date 02/16/2017	Time 9:02:27 (O)	Page 1
Account No TYNGS002	Phone No 9786497488	Est No 01 Q01682
Ship Via	Purchase Order	
Tax ID No 046001328		
PETER BERTHIAUME		Salesperson 15

Invoice To: TYNGSBOROUGH PUBLIC SCHOOLS
 50 NORRIS ROAD
 TYNGSBOUROUGH MA 01879

EQUIPMENT ESTIMATE - NOT AN INVOICE

Description	** Q U O T E **	EXPIRY DATE: 03/18/2017	Amount
Stock #: ?	Serial #:		12334.32
KUBOTA L4474 74" COMMERCIAL SNOW BLOWER WITH HYDRAULIC CHUTE DEFLECTOR AND ROTATION ****INCLUDING THE FOLLOWING OPTIONS****			
L8387	MID PTO KIT		
L4455A	MANUAL QUICK HITCH		
L4484	DRIVE LINE KIT		
L4433	COMPLETION KIT		
L4456	GROUND PRESSURE RELIEF SYSTEM		
L4449	HOSE KIT AND CONTROL BOX		

Sale Total: 12334.32
 Subtotal: 12334.32
 Quote Total: 12334.32

Authorization: _____
 PRICE REFLECTS 2016 FAC88 STATE CONTRACT PRICING
 MA VENDOR NUMBER - 207413

Thank You For Your Business!

3-Mar-17

To: Dr. Flanagan
From: Science Review Committee
Re: Science Tech Book Initiative

Goal: To deploy ACER chromebook C740's into our schools to address our move to newly adopted Massachusetts Science Curriculum Frameworks.

These chromebooks will provide our students an authentic blended learning experience and will be an integral part of the curriculum, in replacement of text books.

<u>Tyngsboorough Middle School</u>	Grades 6 - 8		
25 devices per team per grade 2 teams at each grade level			
<u>Total Devices</u>	150	<u>Cost per device</u>	\$225
		<u>TMS Total</u>	\$33,750

<u>Tyngsboorug Elementary School</u>	Grades 3 - 5		
15 devices designated to each science class 9 total science teachers in grades 3-5			
<u>Total Devices</u>	135	<u>Cost per device</u>	\$225
		<u>TMS Total</u>	\$30,375

Total Estimated Cost	\$64,125
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Acer Chromebook C740-C4PE 11.6" Celeron 3205U 16 GB SSD 4 GB RAM Chrome OS



Mfg. Part: NX.EF2AA.002-PRO | CDW Part: 3953687 | UNSPSC: 43211503

[Write the first review](#)



Product Details

- Celeron 3205U / 1.5 GHz
- Chrome OS
- 4 GB RAM
- 16 GB SSD
- 11.6" 1366 x 768 (HD)
- HD Graphics
- Wi-Fi

[View More](#)

Police Department Requests

<u>Dept.</u>	<u>Project</u>	<u>Not to Exceed</u>	<u>Expended by</u>
Police	Replace Radio	\$23,160	Board of Selectmen
Police	Replace Tasers	\$21,700	Board of Selectmen
Police	Replace Police Cruisers	\$84,000	Board of Selectmen
Police	Replace Cruiser Radios	\$11,700	Board of Selectmen

old cruisers

Matt Hanson <mhanson@tyngsboroughma.gov>
To: Matt Hanson <mhanson@tyngsboroughma.gov>

Wed, Mar 8, 2017 at 3:47 PM

Car 8 2010 Dodge Charger has 131,000 miles
Car 7 (Prosecutor Car) 2009 Dodge Charger has 126,000 miles (Color black)
Car 9 (Low Profile) 2006 Ford Crown Victoria has 78,000 miles (was used as a traffic car, now front line back-up) that's why the low mileage.

Car #8 is an unmarked (former front line cruiser) used by the prosecutor to transport prisoners to court. Car #7 & 9 are used as back-ups to the front line cruisers, they will be replaced by two older cruisers (#4 & #6) which are currently being used on front line.

If we get the two new vehicles car #4, 2012 Ford Taurus (101,000) and car #6 (92,000) will become back-up vehicles for the front line. This should significantly reduce our maintenance costs and put us on a better schedule to properly rotate the fleet.

The dollar requests for postable radios, cruiser radios, and tasers are known costs

3 attachments



marked cruiser #2.jpg
164K



marked cruiser #1.jpg
164K



unmarked.jpg
127K

Highway Department Requests

<u>Dept.</u>	<u>Project</u>	<u>Not to Exceed</u>	<u>Expended by</u>	
Highway	Digital Message Board	\$25,000	Board of Selectmen	
Highway	Complete Wash Bay	\$25,000	Board of Selectmen	(Contractor Email, funding required to complete wash bay)
Highway	1-Ton Truck	\$60,000	Board of Selectmen	
Highway	Septic System Improvements	\$25,000	Board of Selectmen	(Quote from septic company)



Town of Tyngsborough
Capital Project Item Justification Request
Five Year Plan - Form 1
FY 2018 to FY 2022

Part I

Tracking # 425 - 18 - 03 Dept Name Highway Contact Person/Tel # 649-2310
 Prepared by James Hustins Signature James R. Hustins Date 1/12/17
 Fiscal Year Needed 18 Project Name Purchase Variable Message Board

Expected Life of Item 10 (Yrs) Is this a replacement Item no Are Add'l Pages Attached

Total Current Estimated Cost \$ 25,000.00 Non-General Fund source:

Was a Grant applied for in connection with this project? No If yes, submit a copy

Is a Design, Study, Bid Specification, or Consultant required for this project? No

If yes, has this been completed? No (If yes, submit details and copies of documents including Consultant's Report)

Is this a Regulatory Compliance Requirement? No

Urgent Need? Yes

Part II

Detailed description to include explanation of need, general specifications, with explanation of significance and reason for timing:

This piece of equipment would be used year round by not only the Highway Department but other departments in town as well, Fire, Police, etc. for Emergency Preparedness and Communications to the community.

Source of estimated cost (include copies of any backup information as appropriate):

American Flagging and Traffic Control

Detailed explanation of impact on operating budget (Include impact if funded, ie savings etc, and also if NOT funded):

The town currently does not have Variable Message Boards, when they have been needed we have had to borrow or rent them, which can get costly.

If item is replacing a like item (including vehicles or equipment), list age, condition, mileage etc of equipment to be replaced



Town of Tyngsborough
Capital Project Item Justification Request
Five Year Plan - Form 1
FY 2018 to FY 2022

Part I

Tracking # 425 - 18 - 02 Dept Name Highway Contact Person/Tel # 649-2310
 Prepared by James Hustins Signature James R. Hustins Date 1/12/17

Fiscal Year Needed 18 Project Name Replace 2009 1 ton diesel dump truck w/plow (T6)

Expected Life of Item 10 (Yrs) Is this a replacement Item Yes Are Add'l Pages Attached

Total Current Estimated Cost \$ 60,000.00 Non-General Fund source:

Was a Grant applied for in connection with this project? No If yes, submit a copy

Is a Design, Study, Bid Specification, or Consultant required for this project? No
 If yes, has this been completed? No (If yes, submit details and copies of documents including Consultant's Report)

Is this a Regulatory Compliance Requirement? No

Urgent Need? Yes

Part II

Detailed description to include explanation of need, general specifications, with explanation of significance and reason for timing:

This vehicle is will not be cost effective to operate and maintain and may not pass inspection after this year of service.

Source of estimated cost (include copies of any backup information as appropriate):

Liberty Chevrolet

Detailed explanation of impact on operating budget (Include impact if funded, ie savings etc, and also if NOT funded):

We currently plow all town roads along with hired subcontractors. If any unit is out of service it would be necessary to hire additional subcontractors to cover equipment needs.

If item is replacing a like item (including vehicles or equipment), list age, condition, mileage etc of equipment to be replaced

Replacing a 2009 1 ton diesel dump truck with plow.



Town of Tyngsborough
Capital Project Supplemental Information For Equipment Requests
Five Year Plan – Form 1
FY 2018 to FY 2022

Reference: **Project Name** Replace 1 ton diesel dump truck w/plow (T6) **Tracking Number** 425-18-02

Purpose of expenditure: (Check as appropriate)

- () **Scheduled Replacement**
- () **Present Equipment Obsolete**
- (X) **Replace Worn Out Equipment**
- () **Reduce Personnel Time (ie, Payroll Savings)**
- () **Expanded Service**
- () **New Operation**
- () **Increased Safety**
- () **Improve Procedures, Records, Etc**
- () **Regulatory Compliance**

Usage: (Answer as appropriate)

Estimated Usage of Requested Item:

Will this item be used on a seasonal basis only?	_____ <u>No</u> _____
Months Use per Year	_____ <u>12</u> _____
Number of Weeks Use per Year	_____ <u>52</u> _____
Average Days per Week Used	_____ <u>7</u> _____
Average Hours per Day Used	_____ <u>8</u> _____
Estimated Useful Life (in Years)	_____ <u>10</u> _____

Board of Selectmen/Town Administrator Request

<u>Dept.</u>	<u>Project</u>	<u>Not to Exceed</u>	<u>Expended by</u>
BOS/TA	Security upgrades	\$20,000	Board of Selectmen

Amount requested is less than amount shown in consultants report. The project will be partially funded through \$5,000 in grant funds from the Town' insurance company, MIIA.

TYNGSBOROUGH TOWN OFFICES

Capital Plan Scope of Work

* Note: All prices presented here are Opinions of Probable Costs. Refer to Methodology and Basis of Costs earlier in this section for assumptions, exclusions, qualifications, and clarifications used to develop these costs.

LEGEND	
Condition Level	Age Factor
0 - Failed - Not Functional	N - New / Recent
1 - Poor - Failure Anticipated	ESL - w/In Expected Service Life
2 - Fair - Functions, Service Required	OB - Obsolete
3 - Good - Functional & Maintained	
4 - Excellent - New	

CATEGORY	DESCRIPTION AND GENERAL COMMENTS	RECOMMENDED ACTION	SEE LEGEND		QUANTITY INFO	EVALUATION CRITERIA										* OPINION OF PROBABLE COST
			COND. LEVEL	AGE FACTOR		SECURITY	HEALTH & SAFETY	CODE COMPLIANCE	ADA / ACCESSIBILITY	SUSTAIN - ABILITY	EXTENDING BLDG. LIFE	OPERATING EFFICIENCY	IMPACT ON LEARN. ENV.	AESTHETICS & APPEARANCE		
ELECTRICAL																
Phone System	Existing phone system is located in the communication closet Upgrade to VOIP system in the Town Offices portion of the building is scheduled for this summer	Upgrade to VOIP system in the Library portion of the building. Include 'all-call' feature throughout the entire building to provide PA system functionality	2	OB	Assume (12) handsets		●	●							\$63,494	
SECURITY																
General	There are no lockdown or evacuation procedures	Develop and implement lockdown and evacuation procedures in concert with Tyngsborough Police and Fire Departments	-	-	-		●	●							\$0	
Phone System	Existing phone system is located in the communication closet Upgrade to VOIP system in the Town Offices portion of the building is scheduled for this summer	Upgrade to VOIP system in the Library portion of the building. Include 'all-call' feature throughout the entire building to provide PA system functionality	2	OB	Assume (12) handsets		●	●							\$63,494	
Access Control	Only (2) doors (employee entrances) are equipped with card access control and electrified door hardware	Provide card access control and electrified door hardware at all entrances (except main entry) and at doors separating public areas from employee and administrative areas This recommendation includes securing the entry into the Children's' Library - all Library patrons will enter the Library through the main lobby	-	-	(7) card readers; (7) electrified hardware sets Includes server, software, control panels, power supplies, door peripherals		●	●							\$24,000	
Total Year 1														\$235,804		

Year 2 (Fiscal Year 2018) - Short Term Repairs

BUILDING EXTERIOR															
Fascia, Trim, Soffits & Overhangs															
Roof Edges and Copings	Wood trim - areas of distress and rot observed, especially at gutter locations	Repair and replace isolated areas. Add flashing	2	ESL	75 LF							●		●	\$4,190

TOWN OF TYNGSBOROUGH
Capital Asset REQUEST 2018 - 2022
January 24, 2017

Dept	Tracking #	Description	Total Cost	2018	2019	2020	2021	2022
Fire	220-19-01	Replace Engine 3 (1998)	\$450,000.00		\$450,000.00			
	Total Fire		\$450,000.00	\$0.00	\$450,000.00	\$0.00	\$0.00	\$0.00
Town Clerk	162-19-01	Voting Machines	\$35,000.00		\$35,000.00			
	162-19-02	Voting Booths	\$8,500.00		\$8,500.00			
	Total Town Clerk		\$43,500.00	\$0.00	\$43,500.00	\$0.00	\$0.00	\$0.00
Highway	425-18-01	6-wh Dump Truck w/Plow & Sander (T-15) Replace	\$155,000.00	\$155,000.00				
	425-18-02	1-Ton Truck w/Plow (T-6) Replace	\$60,000.00	\$60,000.00				
	425-18-03	Digital Message Display Board	\$25,000.00	\$25,000.00				
	425-18-04	Complete vehicle wash bays	\$25,000.00	\$25,000.00				
	425-18-05	Septic at Highway	\$25,000.00	\$25,000.00				
	425-19-01	6-wh Dump Truck w/Plow & Sander (T-17) Replace	\$170,000.00		\$170,000.00			
	425-20-01	6-wh Dump Truck w/Plow & Sander (T-8) Replace	\$170,000.00			\$170,000.00		
	425-20-02	Bobcat (1997) Replace	\$60,000.00			\$60,000.00		
	425-21-01	6-wh dump truck w/Plow and sander (T4)	\$170,000.00				\$170,000.00	
	425-21-02	1-ton utility truck w/Plow (T18)	\$60,000.00				\$60,000.00	
	Total Highway		\$920,000.00	\$290,000.00	\$170,000.00	\$230,000.00	\$230,000.00	\$0.00
Police	210-18-01	Motorola Digital Cruiser Radios	\$23,378.00	\$11,689.00		\$11,689.00		
	210-18-02	(10) Motorola Digital Portable Radios	\$33,159.70	\$23,159.70		\$10,000.00		
	210-18-03	(2) Patrol Cruisers	\$84,000.00	\$84,000.00				
	210-18-04	(20) Purchase of Tasers	\$31,704.13	\$21,704.13				\$10,000.00
	210-19-01	Building Window Replacement	\$25,000.00		\$25,000.00			
	210-19-02	Building exterior stairs & replacement	\$20,000.00		\$20,000.00			
	210-19-03	Central Air Conditioning	\$30,000.00		\$30,000.00			
	210-19-04	Parking lot paved	\$35,000.00		\$35,000.00			
	210-19-05	Paint Exterior Building	\$10,000.00		\$10,000.00			
	210-19-06	Upgrade to Cell bloc/plumbing/electric/safety	\$30,000.00		\$30,000.00			
	Total Police		\$292,241.83	\$140,552.83	\$150,000.00	\$21,689.00	\$0.00	\$10,000.00
Selectmen/TA	122-18-01	Building Security/Maintenance (FY17 Study)	\$20,000.00	\$20,000.00				
	122-18-01	Building Security/Maintenance (FY17 Study)	\$10,000.00	\$10,000.00				
	122-18-02	Town Hall furniture replacement	\$25,000.00					
	122-18-03	Demolition of Adam's Barn	\$30,000.00	\$30,000.00				
	122-19-01	OPM/Designer for Public Safety Building	\$900,000.00		\$900,000.00			
	122-19-02	Winslow School lead/asbestos removal	\$125,000.00		\$125,000.00			
	122-20-01	Public Safety Building	\$13,500,000.00			\$13,500,000.00		
	122-20-02	Winslow School Restoration Phase II	\$4,000,000.00			\$4,000,000.00		
	122-20-03	Winslow School Restoration Phase I	\$195,000.00			\$195,000.00		
	122-21-02	Building Maintenance	\$75,000.00				\$75,000.00	
	Total Selectmen/TA		\$18,880,000.00	\$85,000.00	\$1,025,000.00	\$17,695,000.00	\$75,000.00	\$0.00
CPC		Restore Adams Barn		\$450,000.00				
		Update Affordable Housing Production Plan		\$10,800.00				
		Update Open Space and Recreation Plan		\$7,500.00				
		Debt Service Payment		\$269,848.81				
	Total CPC			\$738,148.81				
IT	193-20-01	Town Hall Server upgrade	\$33,000.00			\$33,000.00		
	Total Information Technology		\$33,000.00	\$0.00	\$0.00	\$33,000.00	\$0.00	\$0.00
Media	199-18-01	Public Access Studio	\$950,000.00	\$950,000.00				
	199-18-02	NAS Storage Upgrade	\$9,000.00	\$3,000.00		\$3,000.00		\$3,000.00
	199-18-03	Meeting Room Camera Upgrade	\$10,000.00	\$10,000.00				
	199-21-01	High School Studio Refresh	\$3,000.00				\$3,000.00	
	199-22-01	Elementary School Studio Refresh	\$3,000.00					\$3,000.00
	199-20-01	Still Camera Refresh	\$8,000.00			\$8,000.00		
	199-20-02	Computer Upgrade	\$20,000.00			\$12,000.00	\$4,000.00	\$4,000.00
	199-19-01	UAV Upgrade	\$6,000.00		\$6,000.00			
	199-21-02	Portable Switcher Upgrade	\$30,000.00				\$30,000.00	
	Total Media		\$1,039,000.00	\$963,000.00	\$6,000.00	\$23,000.00	\$37,000.00	\$10,000.00
Library	610-18-01	Library & Community Room Carpet	\$98,700.00		\$98,700.00			
	610-18-02	Library Interior Painting	\$78,750.00		\$78,750.00			
	Total Library		\$177,450.00	\$0.00	\$177,450.00	\$0.00	\$0.00	\$0.00
Cemetery	491-18-01	1-ton Pick-up Truck Replace	\$50,000.00		\$50,000.00			
	491-19-01	Road at Memorial Cemetery Pave	\$17,500.00			\$17,500.00		
	Total Cemetery		\$67,500.00	\$0.00	\$50,000.00	\$17,500.00	\$0.00	\$0.00
School	Community	Pierce Field Repalcement	\$760,000.00		\$760,000.00			
	300-18-1	Security Upgrades TMS (Door Locks/Cameras)	\$80,000.00	\$80,000.00				
	300-18-2	Generator- TMS	\$75,000.00	\$75,000.00				
	300-18-3	Chromebooks	\$64,125.00	\$64,125.00				
	300-19-1	Maintenance Replacement Cycle (Norris Road Tractor)	\$0.00	\$65,000.00				
	300-19-2	Paving Plan (Grind and Repave of Norris Road Campus)	\$160,000.00		\$80,000.00	\$40,000.00		\$40,000.00
	300-19-3	TPS Phone Replacement (TES then Norris Road)	\$100,000.00		\$50,000.00	\$50,000.00		
	300-19-4	TPS Furniture Replacement Cycle	\$50,000.00		\$25,000.00		\$25,000.00	
	300-19-5	Bleachers - TMS	\$100,000.00		\$100,000.00			
	300-19-6	Asbestos Abatement TMS	\$440,000.00		\$40,000.00	\$150,000.00	\$150,000.00	\$100,000.00
	300-20-1	Generator- Lakeview	\$80,000.00			\$80,000.00		
	300-20-2	Windows- TMS	\$500,000.00			\$500,000.00		
	300-21-1	Windows/Doors- Lakeview	\$300,000.00				\$300,000.00	
	300-21-2	Ceiling Refurbishment - TMS	\$180,000.00				\$180,000.00	
	300-22-1	Norris Rd. Athletic Field Complex	\$1,400,000.00					\$1,400,000.00
	300-22-2	HVAC - Lakeview	\$750,000.00					\$750,000.00
	300-22-3	Restrooms - TMS	\$120,000.00					\$120,000.00
	Total School		\$5,159,125.00	\$284,125.00	\$1,055,000.00	\$820,000.00	\$655,000.00	\$2,410,000.00
Sewer	600-18-01	Flint's Comer Pump Station Wet Well Project (includes €	\$250,000.00	\$250,000.00				
	600-18-02	Phase 2 Design (second half)	\$400,000.00	\$400,000.00				
	600-18-03	Replace or Repair 20+ year old pumps at various station	\$125,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
	600-18-04	Potential Legal Costs Phase I West	\$50,000.00	\$50,000.00				
	600-18-05	Town-wide sewer system metering program & I/I Analy	\$750,000.00	\$250,000.00	\$250,000.00	\$250,000.00		
	600-18-06	Upgrades to Phalanx Pump Station	\$50,000.00	\$50,000.00				
	600-18-07	Potential costs to issue betterments	\$15,000.00	\$15,000.00				
	600-18-08	Phase I West Construction & Administration	\$8,782,500.00	\$8,782,500.00				
	Total Sewer		\$10,422,500.00	\$9,822,500.00	\$275,000.00	\$275,000.00	\$25,000.00	\$25,000.00
	GRAND TOTAL			2018	2019	2020	2021	2022
	Grand Total Cost		\$25,768,866.83	\$12,323,326.64	\$2,906,000.00	\$18,807,189.00	\$997,000.00	\$2,430,000.00
		FY18 Request Totals		\$609,677.83	\$270,950.00	\$50,500.00	\$0.00	\$0.00
		Free Cash		\$609,677.83	\$270,950.00	\$50,500.00	\$0.00	\$0.00
		Enterprise		\$10,785,500.00	\$281,000.00	\$298,000.00	\$62,000.00	\$35,000.00
		FY17 funding		\$35,000.00	\$0.00	\$0.00	\$0.00	\$0.00
		Revolving		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		CPC		\$738,148.81	\$125,000.00	\$195,000.00	\$0.00	\$0.00
		Borrow		\$0.00	\$1,145,000.00	\$17,670,000.00	\$170,000.00	\$0.00
		Potential MSBA Accelerated Repair Project		\$0.00	\$0.00	\$80,000.00	\$300,000.00	\$750,000.00
		Potentials MSBA Core Replacement Project		\$0.00	\$140,000.00	\$650,000.00	\$330,000.00	\$220,000.00
		Total Funded		\$12,168,326.64				
		Total Unfunded		-\$155,000.00				