

Upgrade to High Band Pagers	R	Fire				\$25,000													
SCBA Replacement - End Of Life	R	Fire							\$110,000										
Sub Total for Fire			\$567,000	\$43,000	\$33,000	\$0	\$500,000	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Replacement Patrol Vehicle	R	Police	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000												\$30,000	Operating Budget - New Vehicles and reaming from PD OE	
Alcotest	R	Police	\$20,000																		Most likely will not happen 2017 - State Mandate
License Plate Reader System	R	Police	\$20,000																		Sparta has system - optional rental for portable unit
	R																				2/3/15 - Based on meeting with subcommittee decided to move to 2016. Still needs to be determine if this is a supported item.
BEAST - Evidence Mgmt System	R	Police	\$25,000																		Note: If amount of evidence not reduced, requesting increase of current space (\$15,000)
Window Replacement PD	R	Police	\$2,200																		Ordinance 05-2011 (?) 11 Windows - \$200 per unit - Dependent on New Building
Hallway/Identification Room Carpet PD	R	Police	\$5,000																		Ordinance 05-2011 (?) Dependent on New Building
Replacement Chief's Vehicle	R	Police	\$30,000																		NORMALLY THIS WOULD BE THE PD CAR THAT IS BUDGETED FOR THE YEAR TARGETED FOR REPLACEMENT - Operating Budget
In Car Video Camera System	R	Police		\$27,000																	5 Primary Patrol Cars - Dependent on current system being able to be maintained by vendor.
Electronic Fingerprint System	R	Police		\$30,000																	Dependant on support existing for current system and new directives/policies/procedures
Sub Total for Police			\$132,200	\$87,000	\$30,000	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Birch Parkway	R	Roads																			Coordination required with Sparta - Lake Mohawk Club Requesting Status Our Roadway Improvement Plan has listed for Chip and Seal - 2021 = \$9500
North Shore Road Culvert Replacement	R	Roads	\$70,000																		Resolution 205-2016 - authorized \$10,000 for engineering design and NJDEP permitting.
GRANT PROJECTS (Mill & Resurface): 2017 - Amity Road Phase 2 2018 - Mansfield Drive 2020 - Roseville Rd Phase 1	R	Roads	\$265,000	\$100,000	\$0	\$150,000	\$0	\$0	\$200,000	\$286,000	\$200,000	\$222,000									Amity Road Phase 1 was completed in 2015 2017 - Requesting NJDOT Municipal Aid Grant (\$220,000) Balance CIF = \$45,000
Lynn Drive & Associated Roadways (Mill & Resurface)	R	Roads	\$380,000																		Ord. 18-2016 - \$138,000 Balance CIF = \$242,000
Cape Seal Projects: 2017 - Brookwood Road, Debbie, Briar, Joan and Ross, Carlisle and Catherine	R	Roads	\$267,000	\$284,000	\$79,000	\$0	\$0	\$0	\$0	\$168,000	\$395,000	\$0									Capital Budget Supplement to Roads = \$100,000 Operating Budget - Streets and Roads = \$105,500 Balance CIF = \$61,500
Chip and Seal Projects:	R	Roads	\$0	\$162,000	\$242,000	\$375,000	\$311,000	\$276,000	\$207,000	\$306,000	\$478,000	\$397,000									
Little Paint Way - Flood Improvement	R	Roads	\$165,000																		\$112,500 Hazard Mitigation Grant (90%) = \$112,500 Town Match (10%) = \$12,500
Sub Total for Roads			\$1,147,000	\$546,000	\$321,000	\$525,000	\$311,000	\$276,000	\$407,000	\$760,000	\$1,073,000	\$619,000	\$0								\$676,000

Tamarack Park - Irrigation	R	Parks	\$110,000																		OPEN SPACE TRUST - OPEN SPACE COMMITTEE RECOMMENDS COMPLETING IRRIGATION Well Drilling = \$30,000 Installation of Pump = \$20,000 Storage Tank = \$60,000
Mountain Heights Park: 1. Basketball Court Paving - \$26,000 2. Allowance for Landscaping \$3,100	R	Parks	\$29,100																		PSE&G Funding
Tamarack Park - Parking Lot Paving/Surfacing	R	Parks	\$50,000																		OPEN SPACE TRUST Bituminous Chip Seal = \$17,500
Sub Total for Recreation			\$189,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$139,100

ADMIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DPW	\$225,000	\$162,000	\$160,000	\$235,000	\$210,000	\$131,000	\$140,000	\$320,000	\$135,000	\$160,000	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FIRE	\$567,000	\$43,000	\$33,000	\$0	\$500,000	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Police	\$132,200	\$87,000	\$30,000	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roads	\$1,147,000	\$546,000	\$321,000	\$525,000	\$311,000	\$276,000	\$407,000	\$760,000	\$1,073,000	\$619,000	\$0	\$0	\$676,000								
Recreation	\$189,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$139,100								
Totals	\$2,260,300	\$838,000	\$544,000	\$790,000	\$1,051,000	\$517,000	\$547,000	\$1,080,000	\$1,208,000	\$779,000	\$110,000	\$0	\$815,100								

Account	Ord #	Description	Balance	Comments
04-215-01-406-000	08-07	Various Capital Improvements	\$15,291.25	COJ - Amendment to Ord 14-2006 (DONATION) - Park Improvements
04-215-01-007-000	10-07	Various Capital Improvements	\$33,996.65	COJ - Recreational Fields, Bleachers, Park Improvements
04-215-11-005-001	05-2011	Municipal Complex Improvements	\$74,424.26	
04-215-13-011-001	11-2013	Tamarack Park Athletic Fields	\$6,122.43	Remaining funding from Open Space Trust
04-215-55-001-001	4-2014	2014 Road Program	\$1,353.99	Various streets and locations in and by the Township including without limitation , Amity Road, Tamarack Road and roads in Forest Lakes Community . Including reconstruction of culverts and headwalls, curbing, drainage, landscaping, reclamation, milling, structures, roadway surfaces including oil and stone or similar applicaon, materials, equipment, site work and engineering costs.
04-215-55-002-001	7-2014	Amity Road and Lynn Drive	\$9,730.75	Various streets and locations in and by the Township including without limitation , Amity Road and Lynn Drive. Including reconstruction of culverts and headwalls, curbing, drainage, landscaping, reclamation, milling, structures, roadway surfaces including oil and stone or similar applicaon, materials, equipment, site work and engineering costs.
04-215-55-003-001	9-2014	Fire Fighting Equipment	\$40,166.60	Acquisition by purchase of new and additional fire fighting equipment for use by the Byram Township Fire Department, including one (1) pumper truck, and including also improvements to the firehouse, together with all work, materials, equipment, attachments and accessories necessary therefor or incidental thereto
04-215-55-003-002	9-2014	DPW - Salt Dome	\$5,257.54	FULLY FUNDED ORDINANCE - CANCEL AND WILL GO TO CAPITAL SURPLUS 1/6/17 - Spoke to Mike O. - No additional improvements needed. Can be canceled.
04-215-55-004-001	6-2015	Forest Lakes Roads	\$12,165.11	Various streets and locations in and by the Township including without limitation , roads in Forest Lakes Community. Including reconstruction of culverts and headwalls, curbing, drainage, landscaping, reclamation, milling, structures, roadway surfaces including oil and stone or similar applicaon, materials, equipment, site work and engineering costs.
04-215-55-005-001	7/2015	Drainage Improvements - Lynn Drive	\$5,300.50	Dainage Improvements Lynn Drive (Specific) Bicycle Safe Grates - retrofit curb pieces to comply with Municipal Storm Water Permit.
04-215-55-006-002	8-2015	Street Improvements - Amity Road	\$15,382.99	Various streets and locations in and by the Township including without limitation , Amity Road. Including reconstruction of culverts and headwalls, curbing, drainage, landscaping, reclamation, milling, structures, roadway surfaces including oil and stone or similar applicaon, materials, equipment, site work and engineering costs.
04-215-55-007-001	9-2015	Technology Upgrades	\$6,553.31	Improvements that may include a server for the administrative offices, workstations and all related costs. THIS ORDINANCE WAS FUNDED FROM CAPITAL IMPROVEMENT FUND. CANCEL AND CAN BE USED TO PARTIALLY OR FULLY FUND ANOTHER PROJECT.
04-215-55-009-001	15-2015	Standby Emergency Generator	\$11,000.00	HMG \$36,000 = Federal Share \$25,000 and Township portion \$11,000. (Supplements Raido Tower Preoject)
04-215-55-011-001	18-2016	Various Street Improvements - Amity and Lynn	\$138,000.00	Various streets and locations in and by the Township including without limitation , Amity Road and Lynn Drive. Including reconstruction of culverts and headwalls, curbing, drainage, landscaping, reclamation, milling, structures, roadway surfaces including oil and stone or similar applicaon, materials, equipment, site work and engineering costs.
04-215-55-011-002	18-2016	Radio Improvements	\$397,713.24	

Total: \$772,458.62

Various Street Improvements	\$176,632.84	Amity or Lynn Drive
Drainage Improvements (Specific to Lynn Drive)	\$5,300.50	Lynn Drive
COJ Park Various Improvements	\$49,287.90	Possible improvements as COJ; Convert F2 to 50/70 field; field house
Tamarack Park Improvements	\$6,122.43	Irrigation - consider canceling and generate new ordinance.
Fire Fighting Equipment	\$40,166.60	Improvements to Lee Hill Fire House? Possible cover cost of new rescue tool.
Municipal Complex Improvements	\$74,424.26	In progress - Using to cover architect costs and will use on any improvements to existing building, if needed.
Radio Communications Tower	\$408,713.24	In progress
Cancel Balances	\$11,810.85	Cancel balances
Total:	\$772,458.62	

TOWNSHIP OF BYRAM
AVG 10-YEAR DEBT CYCLE
FUTURE DEBT

DATE AUTHORIZED	PURPOSE	USEFUL LIFE	MIN. WNPAYME	DATE OF ISSUE	DEBT AUTHORIZED	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Balance
2006	Various Capital Improvements	5	\$24,500	2006	\$219,000			\$42,500	\$42,500	\$25,000	\$28,000	\$28,000	\$28,000	\$25,000		\$0
2007	Various Capital Improvements	11.32	\$10,000	2007	\$210,600					\$12,000	\$34,000	\$34,000	\$34,000	\$35,000	\$61,600	\$0
2008	Various Capital Improvements	11.62	\$14,000	2008	\$309,000						\$6,800	\$14,100	\$14,100	\$16,000	\$145,900	\$112,100
2009	Various Capital Improvements	8.45	\$37,107	2009	\$590,000							\$37,106	\$37,106	\$122,536	\$38,000	\$355,252
2010	Various Capital Improvements	11.17	\$9,400	2010	\$200,000								\$10,527	\$21,000	\$21,000	\$147,473
2011	Various Capital Improvements	13.51	\$13,550	2011	\$352,350									\$14,000	\$40,000	\$298,350
2012	Various Capital Improvements	10	\$6,400	2012	\$120,000										\$10,000	\$110,000
2013	Various Capital Improvements	7.92	\$16,900	2013	\$249,825											\$249,825
2014	Various Capital Improvements	11.1	\$26,700	2015	\$565,000											\$565,000
2015	Various Capital Improvements	10	\$4,800	2015	\$90,250											\$90,250
TOTAL					\$2,906,025	\$0	\$0	\$42,500	\$42,500	\$37,000	\$68,800	\$113,206	\$123,733	\$233,536	\$316,500	\$1,928,250

\$290,603 Last 10 Year Debt Cycle Avg Debt Authorized

** Minimum Payment
Original Issue Amount / (2 * Useful Life) - 1

TOWNSHIP OF BYRAM
AVG 10-YEAR DEBT CYCLE
FUTURE DEBT

DATE AUTHORIZED	PURPOSE	EST. USEFUL LIFE	MIN. DOWNPAYMENT	EST. DATE OF ISSUE	DEBT AUTHORIZED	AVG 10-YEAR DEBT CYCLE											Balance	
						2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
2016	Various Capital Im	10	\$21,350	2016	\$405,000			\$21,350	\$21,350	\$21,350	\$21,350	\$21,350	\$21,350	\$21,350	\$21,350	\$21,350	\$21,350	\$212,850
2017	Various Capital Im	5	\$35,000	2017	\$295,000				\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$15,000
2018	Various Capital Im	5	\$40,000	2018	\$350,000					\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$70,000
2019	Various Capital Im	5	\$40,000	2019	\$350,000						\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$110,000
2020	Various Capital Im	5	\$40,000	2020	\$350,000							\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$150,000
2021	Various Capital Im	5	\$40,000	2021	\$350,000								\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$190,000
2022	Various Capital Im	5	\$40,000	2022	\$350,000									\$40,000	\$40,000	\$40,000	\$40,000	\$230,000
2023	Various Capital Im	5	\$40,000	2023	\$350,000											\$40,000	\$40,000	\$270,000
2024	Various Capital Im	5	\$40,000	2024	\$350,000												\$40,000	\$310,000
2025	Various Capital Im	5	\$40,000	2025	\$350,000													\$350,000
TOTAL					\$3,500,000	\$0	\$0	\$21,350	\$56,350	\$96,350	\$136,350	\$176,350	\$216,350	\$256,350	\$296,350	\$336,350		\$1,907,850

** Minimum Payment
Original Issue Amount / (2*Useful Life)-1

\$21,316

TOWNSHIP OF BYRAM
CAPITAL IMPROVEMENT FUND BALANCE
FOR YEAR END DECEMBER 31, 2017

Balance December 31, 2016	\$ 583,326.43	\$ 883,326.43
Increased by:		\$ 333,326.43
Current Fund Budget Appropriation *	349,913.00	
	933,239.43	
Decreased by:		
Appropriated to Finance Improvement Authorizations **	_____	
Balance December 31, 2017 ***	\$ 933,239.43	\$ 383,239.43

* Normal \$25,000 annual contribution plus \$29,500 from Construction S&W plus \$295,413 - breakage in permanent debt service issuance in 2015.

\$ 683,239.43

** Down Payment on:
 Bond Ordinance #18-2016 - \$22,000

\$ 423,239.43

*** In Calendar Year 2016 made transfer at end of March into Capital Improvement Fund account in Current Fund of \$300,000 in anticipation of drawing down \$550,000 for down payment of municipal building bond ordinance. Transfer was done to assist in replenishing Capital Improvement Fund. It is important to note that the monies of this transfer have NOT been transferred as of yet. AFS needs to be completed first to determine how much of this \$300,000 transfer will be set up as interfund into the account. The Township wants to make sure our Fund Balance is in a healthy position before we deplete this regeneration source of Fund Balance. The Capital Improvement Fund account is the sole source of down payments for bond ordinances.

Balance December 31, 2017	\$ 933,239.43	
Decreased by:		
Municipal Building Improvement Authorization	550,000.00	
Ending Balance	\$ 383,239.43	

TOWNSHIP OF BYRAM
CAPITAL IMPROVEMENT FUND BALANCE
FOR YEAR END DECEMBER 31, 2016

Balance December 31, 2015		\$ 264,188.43
Increased by:		
Current Fund Budget Appropriation *	\$ 333,138.00	
Cancelled Improvement Authorizations	<u>8,000.00</u>	
		<u>341,138.00</u>
		605,326.43
Decreased by:		
Appropriated to Finance Improvement Authorizations **		<u>22,000.00</u>
Balance December 31, 2016 ***		<u><u>\$ 583,326.43</u></u>

* Normal \$25,000 annual contribution plus \$308,138 - breakage in permanent debt service issuance.

** Down Payment on:
 Bond Ordinance #18-2016 - \$22,000

*** In Calendar Year 2016 made transfer at end of March into Capital Improvement Fund account in Current Fund of \$300,000 in anticipation of drawing down \$550,000 for down payment of municipal building bond ordinance. Transfer was done to assist in replenishing Capital Improvement Fund. It is important to note that the monies of this transfer have NOT been transferred as of yet. AFS needs to be completed first to determine how much of this \$300,000 transfer will be set up as interfund into the account. The Township wants to make sure our Fund Balance is in a healthy position before we deplete this regeneration source of Fund Balance. The Capital Improvement Fund account is the sole source of down payments for bond ordinances.

Balance December 31, 2016		\$ 583,326.43
Decreased by:		
Municipal Building Improvement Authorization		<u>550,000.00</u>
Ending Balance		<u><u>\$ 33,326.43</u></u>

TOWNSHIP OF BYRAM
CAPITAL IMPROVEMENT FUND BALANCE
FOR YEAR END DECEMBER 31, 2015

Balance December 31, 2014	\$ 282,938.43
Increased by:	
Current Fund Budget Appropriation	<u>25,000.00</u>
	\$ 307,938.43
Decreased by:	
Appropriated to Finance Improvement Authorizations *	<u>43,750.00</u>
Balance December 31, 2015	<u><u>\$ 264,188.43</u></u>

* Down Payment on:

 Bond Ordinance #08-2015 - \$4,750

 Bond Ordinance #14-2015 - \$8,000

Fully Funded:

 Capital Ordinance #09-2015 - \$20,000

 Capital Ordinance #15-2015 - \$11,000

TOWNSHIP OF BYRAM
CAPITAL IMPROVEMENT FUND BALANCE
FOR YEAR END DECEMBER 31, 2014

Balance December 31, 2013	\$ 267,938.43
Increased by:	
Current Fund Budget Appropriation	<u>25,000.00</u>
	\$ 292,938.43
Decreased by:	
Appropriated to Finance Improvement Authorizations *	<u>10,000.00</u>
Balance December 31, 2014	<u><u>\$ 282,938.43</u></u>

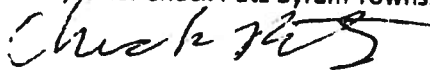
* Down Payment on Bond Ordinance #09-2014

BYRAM FIRE DEPARTMENT TRUCK REPACEMENT TIMELINE

TRUCK	NEEDS TO BE REPLACED	APPROXIMATE COST
1988 Marion pumper-engine 4	Immediately	\$425,000-\$500,000
<u>1992</u> E1 pumper-engine 6	Immediately	\$425,000-\$500,000
2006 tanker pumper-tender 5	2026	\$350,000-\$400,000
2001 Rescue truck-rescue 3	2021	\$350,000-\$450,000
2001 tanker pumper-tender 7	2021	\$350,000-\$400,000
1997 E1 pumper-engine 1	2017	\$450,000-\$500,000

Please note, all costs are approximate estimated costs!

Done by Chief Chuck Putz Byram Township Fire Department



Town Manager-



Joe Sabatini <jsabatini@byramtwp.org>

Re: Fire Department Vehicles

1 message

Chuck Putz <chuckp43@gmail.com>

Thu, Jan 9, 2014 at 9:57 PM

To: Joe Sabatini <jsabatini@byramtwp.org>

On Jan 8, 2014 4:34 PM, "Joe Sabatini" <jsabatini@byramtwp.org> wrote:

Chuck,

Please confirm year, mileage and location (fire house) of each of the fire vehicles listed below. Also, I need you to provide a summary of each vehicle's function, how it is used for fire operations in Byram Township, why it is located at a particular fire house, etc.

If you have any questions, please give me a call.

I am going to need this information by the end of next week (1/17).

Thanks - Joe

101 E-One Pumper

103 Kenworth Rescue

104 Simon Duplex

105 Kenworth Tanker

106 E-One Pumper

107 Kenworth Tanker

Engine 1- First due engine to Cranberry, forest lakes, Brookwoods, shoprite side of town.

Also first due to any businesses along route 206 motor vehicle accidents on 206, On route 80 as well as car fires.

103 Rescue- First due to any rescue calls in town or on route 80. Motor vehicle accidents involving extrication, high angle rescue, and ice rescue equipment. Rescue 3 also carries extra equipment such as airpicks, flashlights, radios etc. .Rescue 3 also hols our air cascade system which allows us to fill or air bottles on a fire call for our calls and mutual aid calls.

Engine 104- First due engine to Forest west, Tomahawk Lake, and Amity road side of town. Also carries a set of extrication equipment for the side of town due to any motor vehicle accidents on some of those bad roads.

Tender 105- Second due out of Lackawanna firehouse on a fire structure fire, or alarm.Tender 5 is a temporary water supply to engine 106 due to size of fire. Tender 105 is first due any tanker fire calls for mutual aid.

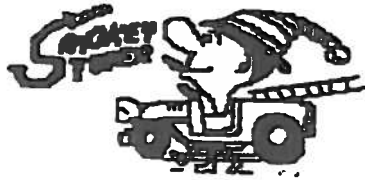
Engine 106- First due out of the Lackawanna firehouse to Lackawanna, Roseville side, and even sometimes Forest Lakes side of town.

Tender 107- Second due to a fire or fire alarm to supply engine 101 for a temporary water supply depending on size of fire. Tender 107 can also be first due to a tanker request call to another town for water supply.

Note- All engines carry all our equipment including our airpicks and of course the manpower. All 3 engines due justice of all sections of town. Depending on manpower we may get a full crew on engine 104, and a couple guys on engine 101. It all depends on time of day!

Thank you
Chuck Putz
Byram Fire Chief

BYRAM TOWNSHIP FIRE DEPARTMENT



225 ROUTE 206 • P.O. BOX 361 • ANDOVER, NEW JERSEY 07821

December 13, 2013

To: Mayor and Council

From: Chief Chuck Putz

Assistant Chief Todd Rudloff

Truck Committee

Subject: 2014 Capital Budget Request (Engine #4 Replacement)

The Byram Township Fire Department is requesting replacement of current Engine #4, and would like the governing body to include this replacement in the capital program for fiscal year 2014.

Engine #4 was purchased in 1988 for \$234,000 and is currently 25 years old. Engine #4 has served the township well over the years despite being involved in 2 major accidents. The last accident was in 2009 and the decision was made to repair the apparatus for a total cost of \$80,000. Engine #4 currently is stationed at the Lee Hill Public Safety Building and is the first response apparatus to the largest homes within the Township.

Our justification for this request is not solely based on the age of the vehicle, but many other concerns. The Engine is an open cab design which means with the exception of the driver and the front seated officer, all other firefighters are seated outside only with a lap safety belt, and are exposed to the outside weather elements. In addition with an open cab design there is difficulty with communications between the driver/officer and other firefighters while responding to emergency calls and training drills alike. The overall apparatus lacks today's safety ergonomics due to the ladder placement height, hose bed and suction hose storage height. The new engine will incorporate safety and ergonomics at the same time.

Currently this engine affects the safety of the residents it serves due to a lack of reliability. While routine and regular maintenance has always been performed its dependability is wavering. The lights are inadequate including the warning and scene lighting. We continue to have electrical issues with lights

and portable charging equipment. The 1,000 gallon internal water storage tank is made out of metal and is rusting out due to corrosion. This includes the pump and valves which are constantly leaking. There is an inaccessibility to replacement parts because of its age, and as we all are aware is a constant burden on excessive maintenance costs for repairs. Lastly, Engine #4 is known and has been reported to have a heavy diesel emission problem which not only is an exposure problem for our firefighters but to our personal protective equipment and contents of the building as well.

In closing, we formed a truck committee in 2009, shortly after the last accident when we were originally informed that the engine would be replaced. At that time a replacement was estimated to cost \$350,000. The current replacement estimate is between \$425,000 and \$500,000.

We look forward to discussing this request with you in the near future.