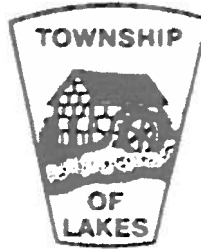


TOWNSHIP OF BYRAM

NEW JERSEY

MAILING ADDRESS:
10 Mansfield Drive
Stanhope, NJ 07874
Phone 973-347-2500
Fax 973-347-0502



WEBSITE ADDRESS:
www.byramtwp.org

MEMORANDUM

TO: Township Council

FROM: Joseph W. Sabatini, Township Manager

DATE: January 30, 2014

RE: Proposed DRAFT 2014 Capital Budget

Capital Budget:

- Local Budget Law 40A:4-43 – Capital Budgets, definition.
The governing body may and shall, when directed by the local government board, prepare, approve and adopt a budget for the expenditure of public funds for capital purposes to give effect to general improvement programs. A capital budget shall be a plan for the expenditure of public funds for capital purposes, showing as income the revenues, special assessments, free surplus, and down payment appropriations to be applied to the cost of a capital project or projects, expenses of issuance of obligations, engineering supervision, contracts and any other related expenditures.
- The Governing Body is required to adopt a capital budget and a capital improvement program in conjunction with its annual operating budget.
- The capital budget represents *the current year* of a three year capital improvement program since the Township is under a 10,000 population.
- The capital improvement program presents the schedule for capital projects showing projected costs and revenue sources.
- The capital budget DOES NOT in itself confer any authority to raise or expend funds.
- The Governing Body may assign the responsibility for preparing the capital budget for the capital improvement program to the administrative staff or the Planning Board, or both. Final content of the plan resides with the Governing Body.
- Municipal Land Use Law permits the Governing Body to request the Planning Board to prepare the proposed capital program. The Land Use Law states that if there is an adopted master plan, the Planning Board must be given 45 days to review any “action necessitating the expenditure of any public fund” affecting the master plan.

- In Byram Township, it has been the responsibility of the Administrative Staff to prepare the capital budget and capital improvement program.

Capital Improvement Fund:

- Within the general fund under general appropriations there is a provision for Capital Improvement appropriations.
- This is for appropriations that have a useful life of 5 years or more.
- The fund permits appropriations to be set aside for purposes that may not be known or specified at time of the budget adoption.
- Municipalities annually may appropriate a fixed sum to this fund permitting it to build up over several years.
- No money may be expended from the Capital Improvement Fund without an ordinance being adopted for a specific purpose.
- The capital improvement fund is used as a means of financing down payments for ordinance appropriations. All bondable capital items must have a minimum 5% down payment. Also, the Governing Body can decide to fully fund an ordinance from the Capital Improvement Fund.

Capital Planning Process:

- The Township's Master Plan serves the blueprint for the future of the community. This is a long-term planning document that can be referenced when completing the capital planning process.
- Departments have been asked to compile their capital project requests. These projects can fall into the categories of being a recurring project such as street maintenance, previously identified projects and new projects which can include acquisition of land or structures, construction, major repairs or rehabilitation, and major equipment.
- Projects should be described with justification, estimated costs and proposed method of financing.

Debt Service:

- The Township's permanent debt for General Improvements that was issued October 1, 2005 for \$1,793,000 and matures October 1, 2015 with the last payment of principal and interest.
- The schedule for Bond Anticipation Notes Payable (short-term debt) has an outstanding principal balance as of December 31, 2013 totaling \$1,823,036.00. If no new debt is issued with the current schedule of principal pay downs, the outstanding balance as of December 31, 2015 will be **approximately** \$1,535,036.00.
- 2016 will start the next 10 year cycle of debt. The object is to balance your permanent and short-term debt to keep your principal and interest payments flat year over year.
- Local Bond Law – 40A:2:
 - 40A:2-5. Debt Limitation – no bond ordinance shall be finally adopted if it appears from the supplemental debt statement that the percentage of net

debt as stated pursuant to 40A:2-42 exceeds 3.5% (based on the equalized valuations of the taxable real estate, together with the improvement for the last 3 preceding years).

- Annual Debt Statement (1/31/2014):
 - Total Debt = \$2,994,605.00
 - Percentage of Debt = .289%
 - Total allowable debt = \$36,221,355.00 (3.5%)
- 40A:2-8.1 Issuance of bond anticipation notes:
 - Issued for a period not to exceed one year.
 - Shall mature and be paid not later than the first day of the fifth month following the closing for the tenth fiscal year next following the date of the original notes.
 - No notes shall be renewed beyond the third anniversary date of the original notes unless an amount of such notes, at least equal to the first legally payable installment of the bonds in anticipation of which those notes are issued, is paid.
- The scheduled payment for 2014 Debt Service is as follows:

	Principal	Interest
Bond	\$200,000	\$15,113
BAN	\$149,000	\$22,790
TOTALS:	\$349,000	\$37,903
	TOTAL:	\$386,903

- Future Debt Obligations (plan):
 - Need to consider plan for capital projects for years 2014-2015.
 - Increasing budget for debt service will provide opportunity to fund capital projects.
 - The Attached debt schedules were created for planning purposes.
 - If we target the same amount of short-term debt for the permanent debt issue as was done in October 2005, we can issue approximately \$258,000.00 in bond ordinances for 2014 and 2015. (P/I payments approximately \$387,000)
 - (Attachment A): If willing to plan a permanent debt issue of \$2,000,000 then P/I payment will increase to \$400,000. (\$14,000 increase of budget)
 - (Attachment B): If willing to plan a permanent debt issue of \$2,500,000 then P/I payment will increase to \$450,000. (\$64,000 increase of budget)

**2014 PROPOSED Capital Improvements – funded from Budget
(Plan is same as funded in 2013 – \$200,000):**

- | | |
|--|-----------|
| • Capital Improvement Fund: | \$25,000 |
| • Drainage Improvements: | \$5,000 |
| • Supplement for Streets and Roads: | \$100,000 |
| • Budget Appropriation (Streets-n-Roads) | \$70,000 |

NOTE:

- Budget Objective may be to plan to fund more of the Township's capital projects.

**2014 DRAFT Capital Budget and 3 Year Capital Improvement Program
(FOR DISCUSSION):**

- Attached is summary of all the department requested capital projects for the years 2014 – 2020.
- Attached is the approved Capital Program (2013-2015) and 2013 Capital Budget that was adopted with the 2013 operating budget.
- The proposed projects will require further discussion to assess need and prioritization; and also, how the projects are proposed to be funded.
- Focus should be placed on the amount that is being proposed to be raised as a 2014 budget appropriation.
- Remember this capital budget does not in itself confer any authority to raise or expend funds.

Projects	Dept	2014	2015	2016	2017	2018	2019	2020	Funding	Comments
(D4) Dump Truck - 10 yard spreader	DPW	\$10,000							Operating Budget	Use existing 10 yard spreader body and switch in place of rotting dump body estimated cost.
(M6) Replace Dump Body	DPW	\$5,000							Operating Budget	
(D5) Dump Truck Replacement	DPW			\$180,000						
Loader	DPW				\$120,000					
Qty 2 - Replace F350 Trucks	DPW					\$80,000				
Tamarack Road Phase 2 - resurface	Roads	\$130,000							> Redirect Unexpended Bond Ordinances > Balance Operating Budget = \$13,000	Estimated Available Balances: Ord 05-2012 = \$10,000 Ord 06-2013 = \$62,000 Ord 05-2013 = \$45,000 Total = \$117,000
GRANT PROJECTS: 2014 - Amity Road Phase 1 2016 - Amity Road Phase 2 2018 - North Shore Phase 1 2019 - North Shore Phase 2 2020 - Roseville Rd Phase 1	Roads	\$227,500		\$200,200		\$177,000	\$211,000	\$295,000	> Request 2014 - NJDOT Grant \$200,000 > Balance Operating Budget - 2013 appropriated \$50,000	> Split \$50,000 between Tamarack Road and Amity Road > \$10,000 allocated from 2013 Operating Budget
Lynn Drive Drainage Improvements	Roads	\$35,000	\$32,000						> Drainage Reserve Acct = \$30,676 > Drainage Capital Acct = \$55,000 > Raise \$5,000 each year in capital program for drainage	> Project start dependent on water company plans. > Total project cost = \$67,000 > Start project using reserve account - do not recommend drawing done all available reserve funds.
Other Paving Projects: 2015 - Mansfield Drive 2015 - Lynn Drive Phase 1 2017 - Lynn Drive Phase 2	Roads		\$218,000	\$146,000						
Oil and Stone Program	Roads	\$160,000	\$133,000	\$116,000	\$283,000	\$246,000	\$204,000	\$170,000	Operating Budget - \$95,000 appropriated 2013 Budget > Streets-n-Roads = \$70,000 > Capital Budget \$25,000	> Forest Lakes Section of Town > Need to allocate \$10,000 for pre-work (skim paving and crack sealing) > Target - All roads = \$160,000 Cut scope to cover available funding.
Server for Police Records (videos)	Police		\$12,000						Operating Budget - 2016	Replacement of Car 10 - Ford Expedition
Four Wheel Drive Vehicle	Police			\$45,000						Depends on State - mandate
Alcotest Machine	Police	\$16,000								Replacement of Engine 4 - 1988
New Fire Engine - Replace E4	Fire	\$500,000							Reserve for Fire Dept. Equipment = \$60,000	Replacement of Engine 6 - 1992
New Fire Engine - Replace E6	Fire		\$500,000		\$500,000				Reerve for Fire Dept. Grant = \$49,782.16	Replacement of Engine 1 - 1997
New Fire Engine - Replace E1	Fire									
Air Vent System (Lee Hill Fire House)	Fire	\$15,000								
Remount 2003 Ambulance	Squad	\$140,000							TBD - Bond Ordinance	
Remount 2009 Ambulance	Squad							\$75,000		2009 ambulance that was jointly purchased by Andover Township and Byram Township. The estimated cost of this project is \$75K per town.

Projects		Dept	Cost	Funding	Comments
(D3) Dump Truck Replacement	DPW	Active	\$160,000	Ord No. 05-2013	Sussex County Bid - Resolution Targeted for Feb. Meeting
Tamarack Park (Jones Lane Rec Area)	Rec	Active	\$350,000	Open Space Trust (Ord. 11-2013)	Two (2) multi-sports fields with parking lots, access driveways and drainage/storm water management facilities.
DPW Garage Floor	B&G	Active	\$171,000	Ord No. 05-2011 (Balance as of 1/13/14 = \$243,604.86)	Removal of concrete slab and replacement with new concrete slab.
Replacement of Heating and Cooling Systems in the Courtroom/Finance Dept.	B&G	Proposed	TBD	Ord No. 05-2011 (Balance as of 1/13/14 = \$243,604.86)	In 2011, the Township was informally notified by the NJ Department of Labor and Workforce, Division of Public Safety and Occupational Safety & Health that we should plan to fix/replace the floors in the DPW garage (areas that are badly pitted). This has not yet been reported as violation but has been highly suggested that we address. Inspector was planning to return in the Fall 2013.
Recycling Center	B&G	Proposed	TBD	Ord No. 05-2011 (Balance as of 1/13/14 = \$243,604.86)	2 - Air handlers 2 - Air conditioners duct work Fencing and cameras.
Wood Guardrail	Rec	Proposed	TBD	Ord No. 10-2007 (Balance as of 1/13/14 - \$34,862.35)	Not necessarily needed - objective is to keep cars in designated parking areas. Keep from parking and cutting through grass areas.
Upper Parking Lot at COJ	B&G	Proposed	TBD	Ord No. 10-2007 (Balance as of 1/13/14 = \$34,862.35)	Building needs improvements.
1. New Bathrooms: Courtroom, municipal offices, police department.					Heating system is inadequate during cold days keeping building as acceptable temperature.
2. Rehab courtroom - ceiling, lighting, walls, carpet, metal detector (?)					Bathrooms are desperately need of repair.
3. Rehab municipal office area - ceiling, lighting, walls, carpet					
Indian Springs Tower	B&G	Proposed	TBD	Ord No. 11-2009 - Police Dept Equipment (Balance as of 1/13/14 = \$32,200.00)	Looking at a plan to extend the communications tower at Indian Springs.

TOWNSHIP OF BYRAM

Amortization Schedule - Variable Interest Rates

ATTACHMENT A

2,000,000.00

Fiscal Year	Annual Debt Service Requirement		
	Principal	Jan. Interest	July Interest
2016	200,000.00	57,500.00	31,250.00
2017	200,000.00	31,250.00	28,000.00
2018	200,000.00	28,000.00	24,750.00
2019	200,000.00	24,750.00	21,500.00
2020	200,000.00	21,500.00	18,000.00
2021	200,000.00	18,000.00	14,500.00
2022	200,000.00	14,500.00	11,000.00
2023	200,000.00	11,000.00	7,500.00
2024	200,000.00	7,500.00	3,750.00
	<u>2,000,000.00</u>	<u>217,750.00</u>	<u>160,250.00</u>
			<u>2,378,000.00</u>

378,000.00

Bond Ord.	Funded	Note	Interest Rate	Interest Pymt	Principal Pymt	Ban Balance	Budget Require Debt/Capital
2016	330,000.00	111,250.00	0.02			218,750.00	400,000.00
2017	330,000.00	136,375.00	0.02			412,375.00	400,000.00
2018	330,000.00	0.00	0.02	4,375.00	139,002.50	742,375.00	400,000.00
2019	330,000.00	0.00	0.02	8,247.50	138,902.50	933,472.50	400,000.00
2020	330,000.00	0.00	0.02	14,847.50	141,830.55	1,121,641.95	400,000.00
2021	330,000.00	0.00	0.02	18,669.45	145,067.16	1,306,574.79	400,000.00
2022	330,000.00	0.00	0.02	22,432.84	148,368.50	1,488,206.28	400,000.00
2023	330,000.00	0.00	0.02	26,131.50	151,735.87	1,666,470.41	400,000.00
2024	330,000.00	0.00	0.02	29,764.13	155,420.59	1,841,049.82	400,000.00
2025	330,000.00	0.00	0.02	33,329.41	159,429.00	2,011,620.82	400,000.00
				36,821.00			
				194,618.32	1,040,754.18	2,011,620.82	

Notes

1 Interest Rates are subject to change

2 Principal payment based on life of project

ATTACHMENT B

	Bond Ord.	Funded	Note	Interest Rate	Interest Pymt	Prin. Pymt	Ban Balance	Budget Req. Debt/Capital
2016	365,000.00	89,062.50	275,937.50	0.02			275,937.50	450,000.00
2017	365,000.00	125,937.50	239,062.50	0.02	5,518.75		515,000.00	450,000.00
2018	365,000.00		365,000.00	0.02	10,300.00	123,762.50	880,000.00	450,000.00
2019	365,000.00		365,000.00	0.02	17,600.00	124,587.50	1,120,412.50	450,000.00
2020	365,000.00		365,000.00	0.02	22,408.25	128,216.75	1,357,195.75	450,000.00
2021	365,000.00		365,000.00	0.02	27,143.92	132,231.09	1,589,964.67	450,000.00
2022	365,000.00		365,000.00	0.02	31,799.29	136,325.71	1,818,638.96	450,000.00
2023	365,000.00		365,000.00	0.02	36,372.78	140,502.22	2,043,136.74	450,000.00
2024	365,000.00		365,000.00	0.02	40,862.73	145,074.77	2,263,061.97	450,000.00
2025	365,000.00		365,000.00	0.02	45,261.24	150,051.26	2,478,010.71	450,000.00
	3,650,000.00		3,435,000.00		237,266.96	956,989.29	2,478,010.71	

Notes

- 1 Interest Rates are subject to change
- 2 Principal payment based on life of project

Township of Byram

Ord #	Description	2013 BAN	2014 Paydown	2014 BAN	2015 Paydown	2015 BAN	Paydown	Ban Balance Permanent
16-06	Rescue Veh							
10-2007	Various	\$25,000.00	\$25,000.00	\$0.00	\$0.00	\$26,600.00		\$26,600.00
11-2008	Various	\$96,600.00	\$35,000.00	\$61,600.00	\$35,000.00	\$241,000.00		\$241,000.00
11-2009	Various	\$274,000.00	\$16,000.00	\$258,000.00	\$17,000.00	\$439,788.00		\$439,788.00
07-2010	Various	\$515,788.00	\$38,000.00	\$477,788.00	\$38,000.00	\$147,473.00		\$147,473.00
05-2011	Various	\$189,473.00	\$21,000.00	\$168,473.00	\$21,000.00	\$310,350.00		\$310,350.00
05-2012	Various	\$352,350.00	\$14,000.00	\$338,350.00	\$28,000.00	\$120,000.00		\$120,000.00
05-2013	Roads/DumpTruck	\$120,000.00	\$0.00	\$120,000.00	\$10,000.00	\$249,825.00		\$249,825.00
Total		\$1,823,036.00	\$149,000.00	\$1,674,036.00	\$149,000.00	\$1,535,036.00	\$0.00	\$1,535,036.00
10-2011	Special Emer.	\$90,000.00	\$30,000.00	\$60,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$0.00
revised 4/24/13		\$ 1,913,036.00	\$ 179,000.00	\$ 1,734,036.00	\$ 179,000.00	\$ 1,565,036.00	\$ 30,000.00	\$ 1,535,036.00
06-2012	Sewer Improvement	\$138,000.00	\$20,000.00	\$118,000.00	\$20,000.00	\$98,000.00	\$20,000.00	\$78,000.00
NOTE		\$1,961,036.00	\$169,000.00	\$1,792,036.00	\$169,000.00	\$1,633,036.00	\$20,000.00	\$1,613,036.00

TOWNSHIP OF BYRAM									
CAPITAL IMPROVEMENT PROGRAM 2013-2015									
2013 CAPITAL BUDGET									
Proposed Projects	Proposed Costs	CAPITAL 2013		Amounts Reserved In Prior Years	Capital Improvement Fund	Grants and Other Funds		Debt Authorized	NOTES
		Budget O&E	Budget Appropriation			Funds	Funding		
Roseville Road (Phase 4)	\$235,000	\$10,000	\$25,000	\$0	\$0	\$200,000	\$0	\$0	NJDOT Grant Requested
Tamarack Road Phase 1 - resurface	\$142,500	\$0	\$25,000	\$0	\$5,000	\$0	\$0	\$111,500	\$0
Road Improvement Program	\$95,000	\$70,000	\$25,000	\$0	\$0	\$0	\$0	\$0	Oil & Stone Program
Lynn Drive Drainage Improvements	\$67,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ord #05-2012 Acct: 04-215-12-005-
Drainage Improvements	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$67,000
Capital Improvements	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
DPW - Dump Truck Replacement	\$160,000	\$0	\$0	\$50,000	\$6,000	\$0	\$0	\$0	Annual approp. to fund
Ford Utility Police Interceptor	\$30,320	\$0	\$0	\$0	\$0	\$0	\$0	\$104,000	DPW Capital Reserve
Fire Department Ford Explorer	\$30,797	\$0	\$0	\$0	\$0	\$0	\$0	\$0	PSE&G Settlement Funds
Tamarack Park (Jones Lane Rec Area)	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	PSE&G Settlement Funds
Tamarack Park (Jones Lane Rec Area)	\$275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	OS Trust (Design/Permits)
TOTAL	\$1,140,617	\$80,000	\$130,000	\$50,000	\$12,000	\$200,000	\$453,117	\$215,500	\$1,140,617
2014 CAPITAL BUDGET									
Proposed Projects	Proposed Costs	CAPITAL 2014		Amounts Reserved In Prior Years	Capital Improvement Fund	Grants and Other Funds		Debt Authorized	NOTES
		Budget O&E	Budget Appropriation			Funds	Funding		
Amity Road - Phase 1	\$215,000	\$15,000	\$50,000	\$0	\$0	\$175,000	\$0	\$0	NJDOT Grant Requested
Tamarack Road Phase 2 - resurface	\$161,000	\$0	\$0	\$0	\$8,500	\$0	\$0	\$152,500	\$0
Road Resurface Program	\$95,000	\$70,000	\$25,000	\$0	\$0	\$0	\$0	\$0	Oil & Stone Program
Drainage Improvements	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0
Capital Improvements	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	Annual approp. to fund
DPW - Truck Replacement	\$85,000	\$0	\$0	\$0	\$4,250	\$0	\$0	\$80,750	DODGE 5500
Fire Department - NEW ENGINE	\$350,000	\$0	\$0	\$0	\$17,500	\$0	\$0	\$332,500	TBD
Parks and Recreation	\$25,000	\$0	\$0	\$0	\$1,250	\$0	\$0	\$23,750	Air Vent System - Lee Hill
Fire Department (Lee Hill Fire House)	\$15,000	\$0	\$0	\$0	\$750	\$0	\$0	\$14,250	\$1,026,000
TOTAL	\$1,001,000	\$85,000	\$130,000	\$0	\$32,250	\$175,000	\$603,750	\$603,750	\$0
2015 CAPITAL BUDGET									
Proposed Projects	Proposed Costs	CAPITAL 2015		Amounts Reserved In Prior Years	Capital Improvement Fund	Grants and Other Funds		Debt Authorized	NOTES
		Budget O&E	Budget Appropriation			Funds	Funding		
Amity Road - Phase 2 & 3	\$320,000	\$15,000	\$50,000	\$0	\$3,000	\$200,000	\$0	\$52,000	NJDOT Grant Requested
Road Resurface Program	\$95,000	\$70,000	\$25,000	\$0	\$0	\$0	\$0	\$0	Oil & Stone Program
Drainage Improvements	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0
Capital Improvements	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	Annual approp. to fund
DPW - Truck Replacement	\$80,000	\$0	\$0	\$0	\$4,000	\$0	\$0	\$76,000	DODGE 5500
Parks and Recreation	\$25,000	\$0	\$0	\$0	\$1,250	\$0	\$0	\$23,750	TBD
TOTAL	\$675,000	\$85,000	\$130,000	\$0	\$8,250	\$200,000	\$151,750	\$151,750	\$575,000

ENGINEERING REPORT AND BACKUP – STREETS AND ROADS



HAROLD E. PELLOW & ASSOCIATES, INC.

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PA – P.E.

THOMAS G. KNUTELSKY
NJ – P.E.

January 2, 2014

Via Email (jsabatini@byramtwp.org)

MEMORANDUM TO: Mr. Joseph Sabatini, Byram Township Manager

FROM: Cory L. Stoner, P.E., C.M.E., Byram Township Engineer

SUBJECT: Engineering & Construction Projects for 2014
Byram Township, Sussex County

Dear Joe:

As requested, I have put together a list of projects and engineering activities that are recommended for consideration in the 2014 Byram Township Budget. The list of these projects and activities is as follows:

1. Improvements to Tamarack Road – Phase II

In 2013, the section of Tamarack Road between Indian Spring Road and Roseville Road was milled and resurfaced. In 2014, it is recommended that the last section of Tamarack Road (Indian Spring Road to Route 206) be improved. This project will be approximately 0.6 mile in length and will include milling and resurfacing and installing new traffic stripes. The work related to mapping, engineering design, and construction plan preparation was completed in 2013. The estimated costs for 2014 are as follows:

Construction Costs\$123,000.00
Contract Bidding and Construction Management.....\$ 7,000.00

Total Estimated Costs..... \$130,000.00

2. Improvements to Amity Road – Phase I/II

With the completion of improvements to Roseville Road and the Tamarack Road complete, it is recommended that attention be given to Amity Road before the roadway begins to deteriorate to a point where major reconstruction is needed. The first phase of Amity Road (beginning at Roseville Road) was last improved in 2002. The second phase of Amity Road was last improved in 2004. With roadways have a typical life span of 12 to 15 years before major repairs are needed, it recommended that the Township target Amity Road next.

2. Improvements to Amity Road – Phase I/II (Cont...)

Amity Road was last improved in three phases and has a total length of 2 miles. I recommend that Amity Road be broken into two parts (Phase I/II and Phase II/III) and that the part beginning at Roseville Road be targeted first. The project will be approximately 1 mile in length and will include milling and resurfacing and installing new traffic stripes. A 2014 NJDOT Local Aid Grant application has been submitted for this project in the amount of \$200,000.00 for this project.

Construction Costs	\$215,000.00
Field Surveying, Engineering Design & Construction Documents ...	\$5,000.00
Contract Bidding, Construction Layout & Management	<u>\$7,500.00</u>

Total Estimated Costs **\$227,500.00**

Note: The limits of this project can be adjusted depending on the final amount of the NJDOT Local Aid Grant awarded to the Township.

3. Oil & Stone Resurfacing

In order to continue with the 10 Year Roadway Improvement Plan, it is proposed that the Township continue the oil and stone program that was started in 2012. This program provides the Township with a means to extend the life of the roadways and provide the Township with a long term method of keeping up with the maintenance of its roadway infrastructure.

If it is agreed to continue with the Oil & Stone Resurfacing program, I recommend that we target the roadways within the Forest Lake section of the Township. All of these roadways were last resurfaced between 2000 and 2003. A review of these roadways is as follows:

Conrad Strasse (2000).....	\$3,000.00
Crescent Drive North (2001/2002)	\$13,000.00
Crescent Drive South (2001).....	\$10,000.00
Crows Nest Road (2000).....	\$5,000.00
Deer Run (2002)	\$5,000.00
Forest Lake Drive North (2003)	\$18,000.00
Forest Lake Drive South (2003)	\$11,000.00
Glen Cove Road (2001)	\$5,000.00
Harbor View Drive (2001).....	\$4,000.00
Hemlock Road (2001).....	\$7,000.00
Lake View Drive (2001)	\$4,000.00
Old Stage Coach Road (2000)	\$11,000.00
Peach Tree Street (2000)	\$3,000.00
The Rotunda (2001)	\$7,000.00
Sandy's Road (2000)	\$4,000.00

Sherwood Forest Drive (2002)	\$14,000.00
Sleepy Hollow Road (2000)	\$26,000.00
Sunset Way (2000)	\$1,000.00
Windy Way (2002)	\$8,000.00
Woodlawn Drive (2001)	\$1,000.00

Total Estimated Oil & Stone Resurfacing Costs\$160,000.00

4. Engineering Study of East Brookwood Estates Drainage Issues

The Council may want to consider a detailed study of the drainage problems that exist within the East Brookwood Estates section of the Township. This study would specifically review the drainage system that collects stormwater above Ross Road and conveys the stormwater toward Lubbers Run below Brookwood Drive. The study would involve a detailed review of the existing drainage network, field visits to review drainage areas, preparation of potential improvement concepts and cost estimates for budgeting purposes. It is estimated that this study will cost **\$10,000.00**.

I have reviewed the drainage issues several times and I believe that a portion of the drainage areas above Ross Road may be able to be redirected to other drainage discharge locations to the east. The study will determine whether redirecting stormwater will be practical, determine what impacts to other properties will occur, outline what environmental permits may be required, outline what work items can be completed by the Township Road Department, and provide cost estimates for future work activities.

5. Miscellaneous Engineering & Surveying

a. NJDEP Municipal Stormwater Permit

Work will be continued to aid the municipality in fulfilling the requirements of the Municipal Stormwater permit. It is estimated that work performed by HPA to aid the Township in fulfilling the permit requirements will be approximately **\$2,000.00**.

b. Miscellaneous Roadway Issues

The roadway oil and stone projects will be managed by the Township Road Department during construction. While the construction activities are monitored by the Road Department, I will be responsible for the preparation of the contract documents, bidding of the project, and providing guidance regarding repair work to be completed by the Road Department prior to oil and stone resurfacing work beginning. In order to allow for this work, and allow me to assist the Road Department on other roadway items during the year, it is recommended that **\$5,000.00** be asset aside for miscellaneous engineering activities.

c. Miscellaneous Drainage Issues

A number of drainage issues come up each year which I assist that Township Manager and the Public Works Director with. It is recommended that **\$2,000.00** be set aside for miscellaneous work items that may come up during the year related to drainage problems in the Township.

d. Tax Map Maintenance

In order to continue with the maintenance of the tax maps, it is recommended that **\$3,000.00** be budgeted in 2014 for miscellaneous tax map changes.

A summary of the above listed projects that should be considered for the 2014 Capital Budget is as follows:

Summary of Projects Recommended for Consideration in the 2014 Capital Budget:

Tamarack Road, Phase II Improvements - Construction	\$130,000.00
Amity Road, Phase I/II Improvements - Construction	\$227,500.00
Oil & Stone Resurfacing	\$160,000.00
Engineering Study of East Brookwood Estates Drainage.....	\$10,000.00
Miscellaneous Engineering and Tax Map Items	\$12,000.00
	\$539,500.00

Minus 2014 NJDOT Local Aid Grant (Applied for Amount)\$200,000.00

Total for 2014 Budget\$339,500.00

If you have any questions regarding any of the above listed items or would like to meet to discuss any of the proposed work activities in greater detail, please do not hesitate to contact me.

Very truly yours,



Cory L. Stoner, P.E., C.M.E.
HAROLD E. PELLOW & ASSOCIATES, INC.
Byram Township Engineer

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**BYRAM TOWNSHIP - ROADWAY IMPROVEMENT PLAN
10 YEAR PLAN - 2011 to 2020**

STREET NAME	Year Last Paved	Length (Feet)	Width (Feet)	Area (SY)	Milling (Y/N)	Reclamation	2013 Asphalt Costs (\$/SY)	2013 Oil & Stone Costs (\$/SY)	2013 Paving Costs	O&S Costs	ACTUAL COSTS										
											2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Roseville Road - Section I	2009	3,550	24	9,467	N		\$10.25	NA	\$97,033.33	NA											\$136,535.64
Roseville Road - Section II	2011	3,350	24	8,933	R		\$20.50	NA	\$25,000.00	NA											\$159,209.62
Roseville Road - Section II (to Tunnel)	2012	1,000	26	2,889	R		\$20.50	NA	\$59,222.22	NA	\$40,000.00										
Roseville Road - Section III	2012	6,050	24	16,133	R		\$20.50	NA	\$330,733.33	NA	\$10,000.00										
Roseville Road - Section IV	2013	4,025	24	10,733	R		\$20.50	NA	\$220,033.33	NA	\$200,000.00										
Tamarack Road - Section I	2000/2013	3,400	30	11,333	Y		\$12.25	NA	\$138,833.33	NA	\$180,000.00										
Tamarack Road - Section II	2001	4,485	30	14,950	Y		\$12.25	NA	\$183,137.50	NA	\$195,000.00										
											\$40,000.00										
											\$138,200.78										
Amity Road - Section I	2002	24	3,500	9,333	R		\$20.50	NA	\$191,333.33	NA											
Amity Road - Section II	2004	24	3,115	8,307	Y		\$12.25	NA	\$101,756.67	NA											
Amity Road - Section III	2006	24	3,405	9,380	Y		\$12.25	NA	\$111,230.00	NA											
North Shore Road - I	2004	2,400	24	6,400	Y		\$12.25	NA	\$78,400.00	NA											
North Shore Road - II	2007	2,900	24	7,733	Y		\$12.25	NA	\$94,733.33	NA											
North Shore Road - III	2008	3,370	24	8,987	Y		\$12.25	NA	\$110,086.67	NA											
Lake Lackawanna	?	1,800	28	5,600	Y		\$12.25	\$1.50	\$68,600.00	\$8,400.00											
Mandfield Drive	1999	800	20	1,778	N		\$10.25	\$1.50	\$18,222.22	\$2,666.67											
Carpenter Road	1999	245	12	327	N		\$10.25	\$1.50	\$3,348.33	\$490.00											
Hempenover Street	1999	860	22	2,102	N		\$10.25	\$1.50	\$21,547.78	\$3,153.33											
Lake Drive/Res Avenue/Brown Dr	1999	7,250	22	17,722	N		\$10.25	\$1.50	\$181,652.78	\$26,883.33											
Lake Drive - Loop Roads	1999	6,850	22	16,744	N		\$10.25	\$1.50	\$171,630.56	\$25,116.67											
Parridge Road	2005	200	12	2,677	N		\$10.25	\$1.50	\$27,733.33	\$400.00											
Richmond Road	1999	2,650	22	6,478	N		\$10.25	\$1.50	\$66,397.22	\$7,166.67											
Orchard Street	???	400	15	667	N		\$10.25	\$1.50	\$6,833.33	\$1,000.00											
Forest Lakes	2000	720	24	1,920	Y		\$12.25	\$1.50	\$23,520.00	\$2,880.00											
Conrad Strasse	2001/2002	3,085	24	8,227	Y		\$12.25	\$1.50	\$100,776.67	\$12,340.00											
Crecent Drive North	2001	2,455	24	6,547	Y		\$12.25	\$1.50	\$80,196.67	\$9,620.00											
Grove Nest Road	2000	1,185	24	3,160	Y		\$12.25	\$1.50	\$38,710.00	\$4,740.00											
Deer Run	2002	3,141	22	3,141	Y		\$12.25	\$1.50	\$38,478.61	\$4,711.67											
Forest Lakes Drive North	2003	4,835	22	11,819	Y		\$12.25	\$1.50	\$144,781.39	\$17,728.33											
Forest Lakes Drive South	2003	2,805	22	7,101	Y		\$12.25	\$1.50	\$68,988.61	\$10,051.67											
Glen Clove Road	2001	1,335	22	3,263	Y		\$12.25	\$1.50	\$39,975.83	\$4,895.00											
Harbor View Drive	2001	970	26	2,802	Y		\$12.25	\$1.50	\$34,327.22	\$4,203.33											
Hemlock Road	2001	1,660	22	4,649	Y		\$12.25	\$1.50	\$55,696.67	\$6,820.00											
Lake View Drive	2001	1,210	20	2,689	Y		\$12.25	\$1.50	\$32,938.89	\$4,033.33											
Old Stage Coach Road	2000	2,980	20	6,622	Y		\$12.25	\$1.50	\$81,122.22	\$9,933.33											
Peach Tree Street	2000	715	22	1,748	Y		\$12.25	\$1.50	\$21,410.28	\$2,621.67											
The Rounda	2001	1,645	24	4,387	Y		\$12.25	\$1.50	\$53,736.67	\$6,580.00											
Sandy's Road	2000	1,025	22	2,506	Y		\$12.25	\$1.50	\$30,693.06	\$3,758.33											
Sherwood Forest Drive	2002	3,580	22	8,776	Y		\$12.25	\$1.50	\$107,500.56	\$13,163.33											
Sleepy Hollow Road	2000	5,805	28	16,770	Y		\$12.25	\$1.50	\$205,432.50	\$25,155.00											
Sunset Way	2000	150	28	467	Y		\$12.25	\$1.50	\$5,716.67	\$700.00											
Winding Way	2002	2,160	20	4,800	Y		\$12.25	\$1.50	\$58,800.00	\$7,200.00											
Woodlawn Drive	2001	185	20	411	Y		\$12.25	\$1.50	\$5,038.11	\$616.67											
Cranberry Lake	2006	1,290	18	2,580	Y		\$12.25	\$1.50	\$31,605.00	\$3,870.00											
Alamuchy Trail	2005	190	12	253	Y		\$12.25	\$1.50	\$3,103.33	\$380.00											
Bald Rock Trail	1998	605	16	1,076	Y		\$12.25	\$1.50	\$13,175.56	\$1,613.33											
Boulder Trail	2006	260	17	491	Y		\$12.25	\$1.50	\$6,016.11	\$736.67											
Bridge Trail	2006	215	10	239	Y		\$12.25	\$1.50	\$2,926.39	\$358.33											
Brook Trail	2005	320	14	483	Y		\$12.25	\$1.50	\$6,097.78	\$746.67											
Cabin Spring Trail	2005	845	21	1,972	Y		\$12.25	\$1.50	\$24,152.92	\$2,957.50											
Cirf Drive	2005	3,000	12	267	Y		\$12.25	\$1.50	\$3,266.67	\$400.00											
Cranberry Ledge Road	1998	3,275	20	7,278	Y		\$12.25	\$1.50	\$89,152.78	\$10,916.67											
Dennis Hill Road	2004	880	19	1,658	Y		\$12.25	\$1.50	\$22,757.78	\$2,786.67											
Fox Trail	2006	515	16	916	Y		\$12.25	\$1.50	\$11,215.56	\$1,373.33											
French's Grove Road	2006	1,210	24	3,227	Y		\$12.25	\$1.50	\$39,526.67	\$4,840.00											
Greewood Lane	2006	165	16	293	Y		\$12.25	\$1.50	\$3,593.33	\$440.00											
Grove Path	2006	215	10	239	Y		\$12.25	\$1.50	\$2,926.39	\$358.33											
Harding Road	2005	610	12	813	Y		\$12.25	\$1.50	\$9,963.33	\$1,220.00											
Hart Trail	1998	686	15	1,143	Y		\$12.25	\$1.50	\$14,005.83	\$1,715.00											
Hawthorne Trail	2004	785	18	1,570	Y		\$12.25	\$1.50	\$19,232.50	\$2,355.00											
Hickory Trail	2005	215	12	287	Y		\$12.25	\$1.50	\$3,511.67	\$430.00											
High-To-Ga Trail	2005	480	15	600	Y		\$12.25	\$1.50	\$9,600.00	\$1,200.00											
Hilltop Trail	2005	480	14	762	Y		\$12.25	\$1.50	\$9,337.22	\$1,143.33											
Ka-Ton-Ah Trail	2005	545	16	969	Y		\$12.25	\$1.50	\$11,868.89	\$1,453.33											
La-Bo-Ga Trail	2006	270	17	510	Y		\$12.25	\$1.50	\$6,247.50	\$765.00											

BYRAM TOWNSHIP - ROADWAY IMPROVEMENT PLAN
10 YEAR PLAN - 2011 to 2020

STREET NAME	Year Last Paved	Length (Feet)	Width (Feet)	Area (Sq. Ft.)	Milling (Y/N)	2013 Asphalt Costs (\$/Sq. Yd.)	2013 Oil & Stone Costs (\$/Sq. Yd.)	2013 Paving Costs	2013 O&S Costs	ACTUAL COSTS									
										2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Lakeview Trail	2006	1,095	14	1,703	Y	\$12.25	\$1.50	\$20,865.83	\$2,555.00					\$2,016.89					\$3,585.14
Landonne Trail	2006	370	13	534	Y	\$12.25	\$1.50	\$6,546.94	\$801.67					\$843.84					\$1,126.03
Laurel Trail	2006	775	16	1,378	Y	\$12.25	\$1.50	\$16,877.78	\$2,066.67					\$2,273.50					\$2,908.01
Melroe Trail	2006	1,480	17	2,796	Y	\$12.25	\$1.50	\$34,245.56	\$4,193.33					\$4,623.15					\$5,900.44
Mauglaug Trail	2005	345	12	460	Y	\$12.25	\$1.50	\$5,635.00	\$690.00					\$763.73					\$970.90
North Shore Trail	2006	575	16	1,022	Y	\$12.25	\$1.50	\$12,522.22	\$1,533.33					\$1,690.50					\$2,157.53
Oak Trail	1998	515	14	801	Y	\$12.25	\$1.50	\$9,613.61	\$1,201.67					\$1,324.84					\$1,680.87
Opa Pass	2005	140	12	187	Y	\$12.25	\$1.50	\$2,296.67	\$280.00					\$294.70					\$383.96
Overview	2005	175	14	272	Y	\$12.25	\$1.50	\$3,334.72	\$408.33					\$450.19					\$574.57
Panther Pass	2005	485	17	535	Y	\$12.25	\$1.50	\$11,453.75	\$1,402.50					\$1,546.28					\$1,973.48
Pathfinder Trail	2006	520	21	1,213	Y	\$12.25	\$1.50	\$14,863.33	\$1,820.00					\$2,003.65					\$2,590.92
Raccoon Trail	2004	135	14	210	Y	\$12.25	\$1.50	\$2,572.50	\$315.00					\$297.29					\$383.24
Rose Trail	2006	805	16	1,431	Y	\$12.25	\$1.50	\$17,531.11	\$2,146.67					\$1,752.98					\$2,237.29
Saddle Lane	1998	180	22	440	Y	\$12.25	\$1.50	\$5,390.00	\$660.00					\$727.65					\$929.89
Sauglaug Trail	2005	795	12	1,360	Y	\$12.25	\$1.50	\$12,385.00	\$1,590.00					\$1,571.06					\$2,005.12
Side Hill Trail	2004	450	19	950	Y	\$12.25	\$1.50	\$11,637.50	\$1,425.00					\$1,492.00					\$1,915.11
South Lake Trail	2004	400	12	533	Y	\$12.25	\$1.50	\$6,533.33	\$800.00					\$862.00					\$1,105.08
South Shore Road	2005	4,160	20	9,244	Y	\$12.25	\$1.50	\$113,244.44	\$13,866.67					\$15,268.00					\$19,811.79
Spring Trail	777	1,450	20	3,222	Y	\$12.25	\$1.50	\$39,472.22	\$4,833.33	\$28,000.00				\$5,328.75					\$6,900.99
Spruce Trail	2005	190	16	338	Y	\$12.25	\$1.50	\$4,137.78	\$506.67					\$598.90					\$772.93
Strawberry Point Drive	2005	495	17	935	Y	\$12.25	\$1.50	\$11,453.75	\$1,402.50					\$1,546.28					\$1,973.48
Tote Road	2004	2,840	24	7,573	Y	\$12.25	\$1.50	\$92,773.33	\$11,360.00					\$12,624.40					\$15,984.69
Weaslaug Trail	2005	1,290	20	2,867	Y	\$12.25	\$1.50	\$35,116.67	\$4,300.00					\$4,740.75					\$6,050.53
Weaver House Cove Road	2005	380	12	537	Y	\$12.25	\$1.50	\$6,206.67	\$760.00					\$837.90					\$1,069.40
Wo-Ta-Ga Trail	2004	1,315	25	3,653	Y	\$12.25	\$1.50	\$44,748.53	\$5,479.17					\$6,040.78					\$7,709.14
	2006	745	14	1,159	Y	\$12.25	\$1.50	\$14,196.39	\$1,738.33					\$1,816.51					\$2,446.01
Tamarack																			
Manu Trail	2000	1,375	30	4,593	N	\$10.25	\$1.50	\$46,979.17	\$6,875.00					\$8,358.61					\$11,167.93
Hunters Lane	2000	1,465	26	4,232	N	\$10.25	\$1.50	\$43,380.26	\$6,348.33					\$7,716.44					\$10,170.88
Krute Drive	2002	375	19	792	N	\$10.25	\$1.50	\$8,114.58	\$1,187.50					\$1,309.22					\$1,670.93
C O Drive	2002	755	18	1,510	N	\$10.25	\$1.50	\$15,477.50	\$2,285.00					\$2,497.16					\$3,187.58
Colby Drive	2002	1,465	30	4,883	N	\$10.25	\$1.50	\$50,054.17	\$7,325.00					\$7,325.00			\$9,344.76		\$11,870.93
Cross Trail	2002	220	21	513	N	\$10.25	\$1.50	\$5,261.67	\$770.00					\$770.00			\$9,494.74		\$11,870.93
Little Pant Way	2002	1,440	22	3,220	N	\$10.25	\$1.50	\$36,080.00	\$5,280.00					\$5,321.20					\$7,429.48
Old Indian Spring Road	2002	3,050	18	6,100	N	\$10.25	\$1.50	\$62,525.00	\$9,150.00					\$9,150.00					\$11,977.98
Roger Drive	2002	560	20	1,244	N	\$10.25	\$1.50	\$12,755.56	\$1,866.67					\$2,028.00					\$2,596.59
Chest Pony Road	2002	1,960	21	4,173	N	\$10.25	\$1.50	\$46,876.67	\$6,860.00					\$6,860.00					\$8,759.29
East Brookwood																			
Brookwood Road - I	2002	2,000	28	6,222	Y	\$12.25	\$1.50	\$76,222.22	\$9,333.33					\$10,604.50					\$13,556.63
Brookwood Road - II	2005	2,400	28	7,467	Y	\$12.25	\$1.50	\$121,466.67	\$17,200.00					\$12,665.40					\$16,338.05
Blair Lane	2005	1,775	30	5,917	Y	\$12.25	\$1.50	\$72,479.17	\$9,875.00					\$10,273.92					\$13,403.42
Joan Drive	2006	2,445	30	8,150	Y	\$12.25	\$1.50	\$99,837.50	\$12,225.00					\$14,151.97					\$18,373.88
Ross Road	2004	3,330	30	11,100	Y	\$12.25	\$1.50	\$135,975.00	\$16,650.00					\$19,274.46					\$25,000.00
Brookwood Drive	2009	3,410	30	11,367	Y	\$12.25	\$1.50	\$139,241.67	\$17,050.00					\$20,724.38					\$27,638.50
Brookwood Road - A	2009	2,000	28	6,222	Y	\$12.25	\$1.50	\$76,222.22	\$9,333.33					\$11,944.73					\$15,415.38
Debbie Drive	2009	535	30	1,783	Y	\$12.25	\$1.50	\$21,845.83	\$2,675.00					\$2,999.65					\$3,881.41
Dugrood Lane Road	2009	185	16	329	Y	\$12.25	\$1.50	\$4,028.89	\$493.33					\$585.47					\$754.72
Mountain Avenue	2009	245	20	544	Y	\$12.25	\$1.50	\$6,669.44	\$816.67					\$992.66					\$1,281.73
Pleasant Hill Road	2009	170	17	321	Y	\$12.25	\$1.50	\$3,933.61	\$481.67					\$520.28					\$683.30
Sand Hill Road	2009	565	18	1,130	Y	\$12.25	\$1.50	\$13,842.50	\$1,695.00					\$1,969.09					\$2,563.05
Sandy Brook Road	2009	330	13	477	Y	\$12.25	\$1.50	\$5,839.17	\$715.00					\$825.19					\$1,074.72
Shady Brook Road	2009	320	22	762	Y	\$12.25	\$1.50	\$9,582.22	\$1,173.33					\$1,222.60					\$1,615.38
Stony Brook Road	2009	1,210	20	2,689	Y	\$12.25	\$1.50	\$32,938.89	\$4,033.33					\$4,902.54					\$6,339.65
Trot Brook Road	2009	355	17	671	Y	\$12.25	\$1.50	\$8,214.31	\$1,035.83					\$1,136.50					\$1,474.72
Wallingford Road	2009	330	17	623	Y	\$12.25	\$1.50	\$7,635.83	\$935.00					\$1,074.72					\$1,398.57
White Birch Road	2009	690	22	1,687	Y	\$12.25	\$1.50	\$20,661.67	\$2,530.00					\$3,073.23					\$3,963.33
Wildwood Road	2009	445	22	1,088	Y	\$12.25	\$1.50	\$13,325.28	\$1,631.67					\$1,833.30					\$2,388.62
Woods Edge Road	2009	1,320	22	3,227	Y	\$12.25	\$1.50	\$39,526.67	\$4,840.00					\$5,983.05					\$7,774.72
West Brookwood																			
Acorn Street	2010	2,555	22	6,246	Y	\$12.25	\$1.50	\$76,508.06	\$9,368.33					\$11,596.63					\$15,153.80
Adair Street	2010	1,195	21	2,788	Y	\$12.25	\$1.50	\$34,157.08	\$4,192.50					\$4,902.54					\$6,339.65
Ash Street	2010	3,150	24	8,400	Y	\$12.25	\$1.50	\$102,900.00	\$12,600.00					\$16,081.15					\$19,615.38
Avon Street	2010	800	20	1,778	Y	\$12.25	\$1.50	\$21,777.78	\$2,666.67					\$2,999.65					\$3,881.41
Banker Drive	2010	620	18	1,210	Y	\$12.25	\$1.50	\$15,190											

BYRAM TOWNSHIP - ROADWAY IMPROVEMENT PLAN
10 YEAR PLAN - 2011 to 2020

STREET NAME	Year Last Paved	Length (Feet)	Width (Feet)	Area (Sq)	Milling (Y/N)	2013 Asphalt Costs (\$/Sq)	2013 Oil & Stone Costs (\$/Sq)	2013 Paving Costs	2013 O&S Costs	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Mayne Avenue	2008	1,960	22	4,791	Y	\$12.25	\$1.50	\$58,691.11	\$7,186.67								\$5,172.21		
Newton Avenue	2010	850	16	1,511	Y	\$12.25	\$1.50	\$2,266.67	\$18,511.11								\$2,952.00		
River Road - Part I	2010	1,625	20	4,056	Y	\$12.25	\$1.50	\$49,680.56	\$6,083.33								\$7,784.05		
River Road - Part II	???	2,300	20	5,111	Y	\$12.25	\$1.50	\$62,611.11	\$7,666.67	\$44,000.00							\$9,784.83		
Spring Brook Street	???	275	18	550	Y	\$12.25	\$1.50	\$6,737.50	\$825.00	\$6,500.00							\$1,052.83		
Sussex Street	2010	685	18	1,370	Y	\$12.25	\$1.50	\$16,782.50	\$2,055.00								\$2,622.78		
Union Street	2009	1,010	16	1,796	Y	\$12.25	\$1.50	\$21,995.56	\$2,693.33								\$3,437.45		
Lauren Court	???	3,367	30	3,367	Y	\$12.25	\$1.50	\$41,241.67	\$5,050.00		\$4,100.00					\$4,138.31			
Robert Street	???	585	30	1,950	Y	\$12.25	\$1.50	\$23,887.50	\$2,925.00		\$2,400.00					\$3,555.36			
Jefferson Lake Road	???	1,750	18	3,500	N	\$10.25	\$1.50	\$35,875.00	\$5,250.00		\$4,800.00					\$6,381.41			
Route 208																			
Jans Way	2000	405	18	610	N	\$10.25	\$1.50	\$8,302.50	\$1,215.00	\$7,500.00									
Rosemare Lane	2000	520	18	1,040	N	\$10.25	\$1.50	\$10,660.00	\$1,560.00	\$10,000.00									
Maple Road	2000	715	18	1,430	N	\$10.25	\$1.50	\$14,657.50	\$2,145.00										
Birch Road	2000	1,360	20	3,322	N	\$10.25	\$1.50	\$30,977.78	\$4,533.33		\$1,800.00					\$2,807.20			
Willow Drive	2000	700	20	1,556	N	\$10.25	\$1.50	\$15,944.44	\$2,333.33		\$3,600.00					\$5,510.30			
Jones Lane	?	690	18	1,380	N	\$10.25	\$1.50	\$14,145.00	\$2,070.00		\$1,800.00					\$2,838.18			
Drexel Drive	2001	710	23	1,314	N	\$10.25	\$1.50	\$18,598.06	\$2,721.67							\$3,308.20			
Francis Terrace	2001	370	22	904	N	\$10.25	\$1.50	\$9,270.56	\$1,356.67							\$1,649.04			
Hi Glen Drive	2001	320	31	1,102	N	\$10.25	\$1.50	\$11,297.78	\$1,553.33							\$2,009.64			
Whitehall Hill Road	2003	2,065	24	5,007	N	\$10.25	\$1.50	\$56,443.33	\$8,260.00		\$6,800.00					\$10,040.08			
Pleasant Drive	2002	700	22	1,711	N	\$10.25	\$1.50	\$17,538.89	\$2,566.67							\$3,119.80			
Ridge Place	2002	190	18	380	N	\$10.25	\$1.50	\$3,895.00	\$570.00							\$692.84			
Johnson Boulevard	2002	700	20	1,556	N	\$10.25	\$1.50	\$15,944.44	\$2,333.33		\$1,800.00					\$4,036.18			
Lake Mohawks/Tomahawk Lake																			
Tomahawk Trail	2011	24	3,500	9,333	Y	\$12.25	NA	\$114,333.33	NA										
Lynn Drive	???	30	6,160	20,333	Y	\$12.25	\$1.50	\$251,533.33	\$30,800.00										
Susan Lane	???	30	635	2,117	Y	\$12.25	\$1.50	\$25,929.17	\$3,175.00										
Ascut Lane	???	28	1,250	3,889	N	\$10.25	\$1.50	\$39,861.11	\$5,833.33										
Braemar Court	???	30	700	2,333	N	\$10.25	\$1.50	\$23,916.67	\$3,500.00										
Catharine Terrace	???	30	620	2,067	N	\$10.25	\$1.50	\$21,183.33	\$3,100.00										
Carlisle Drive	???	30	850	2,633	N	\$10.25	\$1.50	\$28,041.67	\$4,250.00										
Douglas Terrace	???	30	1,055	3,117	N	\$10.25	\$1.50	\$36,045.83	\$5,275.00										
Elizabeth Lane	???	30	670	2,233	N	\$10.25	\$1.50	\$22,891.67	\$3,350.00										
Mara Lane	???	28	185	576	N	\$10.25	\$1.50	\$5,899.44	\$863.33										
Taitan Court	???	30	400	1,333	N	\$10.25	\$1.50	\$13,665.67	\$2,000.00										
Anderson Lane	???	30	250	833	N	\$10.25	\$1.50	\$8,541.67	\$1,250.00										
Brich Parkway	???	24	980	2,613	N	\$10.25	\$1.50	\$26,786.67	\$3,920.00										
Bridget Way	???	30	1,415	4,717	N	\$10.25	\$1.50	\$48,345.83	\$7,075.00										
Carnell Drive	???	24	1,500	4,000	N	\$10.25	\$1.50	\$41,000.00	\$6,000.00										
Carlson Lane	2004	22	480	1,173	N	\$10.25	\$1.50	\$12,026.67	\$1,760.00										
Circle Drive	???	28	350	1,089	N	\$10.25	\$1.50	\$11,161.11	\$1,633.33										
Deer Hill Run North	???	30	430	1,433	N	\$10.25	\$1.50	\$14,691.67	\$2,150.00										
Manor Drive	2006	30	3,900	13,000	N	\$10.25	\$1.50	\$28,358.33	\$4,150.00										
Fieldstone Trail	???	30	5,440	18,133	N	\$10.25	\$1.50	\$133,250.00	\$19,500.00										
Marne Terrace	???	17	1,210	2,236	N	\$10.25	\$1.50	\$185,866.67	\$27,200.00										
Matthew Drive	???	22	720	2,240	N	\$10.25	\$1.50	\$23,426.94	\$3,428.33										
Mayfair Lane	???	28	700	1,711	N	\$10.25	\$1.50	\$22,960.00	\$3,360.00										
Brookbrook Terrace	???	17	870	1,643	N	\$10.25	\$1.50	\$16,844.17	\$2,465.00										
Mountain Heights	2004	24	2,400	6,400	N	\$10.25	\$1.50	\$65,600.00	\$9,600.00										
Mountain View Terrace	2004	30	300	800	N	\$10.25	\$1.50	\$8,200.00	\$1,200.00										
Sandra Lane	???	30	1,555	5,183	N	\$10.25	\$1.50	\$53,129.17	\$7,775.00										
Seneca Lake Road	???	25	350	972	N	\$10.25	\$1.50	\$9,965.28	\$1,458.33										
Shag pond Road	???	14	365	563	N	\$10.25	\$1.50	\$5,819.72	\$851.67										
Stone Hedge Lane	???	30	4,950	16,500	N	\$10.25	\$1.50	\$169,125.00	\$24,750.00										
Westshore Trail	???	24	335	893	N	\$10.25	\$1.50	\$9,156.67	\$1,340.00										
Total Paving Costs										\$438,000.00	\$477,400.00	\$471,341.67	\$525,179.25	\$351,246.39	\$461,864.21	\$282,719.66	\$423,196.14	\$415,436.35	\$464,803.96
Minus Grants										-\$165,000.00	-\$200,000.00	-\$150,000.00	-\$200,000.00	\$0.00	-\$150,000.00	\$0.00	-\$150,000.00	-\$150,000.00	-\$150,000.00
Budget Amount										\$273,000.00	\$277,400.00	\$321,341.67	\$325,179.25	\$351,246.39	\$311,864.21	\$282,719.66	\$273,196.14	\$265,436.35	\$314,803.96
PAVING										\$438,000.00	\$432,500.00	\$380,000.00	\$365,000.00	\$218,070.83	\$346,791.40	\$0.00	\$176,966.33	\$211,002.53	\$294,834.44
OIL & STONE											\$44,900.00	\$91,341.67	\$160,179.25	\$133,175.57	\$116,072.81	\$262,719.66	\$246,229.81	\$204,433.82	\$169,969.52



Joe Sabatini <jsabatini@byramtwp.org>

RE: Oil/chip roads

Cory L. Stoner <CStoner@hpellow.com>
To: Adolf Steyh <asteyh@byramtwp.org>
Cc: Joe Sabatini <jsabatini@byramtwp.org>

Wed, Jan 29, 2014 at 10:22 AM

Adolf,

Sorry for not getting back to you before now on this. I highlighted these roadways on the attached map and it looks fine to me. Other than Forest Lake Drive, this will take care of the entire eastern side of Forest Lake. Joe should comment on whether he is OK with this plan as well.

Cory L. Stoner, P.E., C.M.E.

Harold E. Pellow & Associates, Inc.

17 Plains Road

Augusta, New Jersey 07826

Phone: 973.948.6463, Ext. 213

Fax: 973.948.2916

Email: cstoner@hpellow.com

From: Adolf Steyh [mailto:asteyh@byramtwp.org]
Sent: Thursday, January 16, 2014 8:46 AM
To: Cory L. Stoner
Subject: Oil/chip roads

Good morning

I was going over the list of roads and this is the list of roads we should do first

Conrad Strasse	\$ 3,000.00
Crescent Drive N	13,000.00
Crescent Drive S	10,000.00

ANDC



④



HAROLD E. PELLOW & ASSOCIATES, INC.

CONSULTING ENGINEERS · PLANNERS · LAND SURVEYORS

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CORY L. STONER, *ASSOCIATE*
NJ - P.E., NJ - C.M.E.
PA - P.E.

THOMAS G. KNUTELSKY
NJ - P.E.

January 28, 2014

Via Email (jsabatini@byramtwp.org)

MEMORANDUM TO: Mr. Joseph Sabatini, Byram Township Manager

FROM: Cory L. Stoner, P.E., C.M.E., Byram Township Engineer

SUBJECT: Carl O. Johnson Park - Wood Beam Guide Rail Work
Byram Township, Sussex County
HPA No. 14-014

Dear Joe:

As requested, I have reviewed the areas within the large parking lot at Carl O. Johnson Park where wood beam guide rail should be considered to control the flow of traffic through the parking lot. I would propose that we install guide rail in the following locations:

1. Grass border area between the two sections of the parking lot = 250 LF
2. Grass border area between the access driveway and parking lot = 250 LF
3. Grass border area between the parking lot and the skateboard park = 120 LF

The total length of guide rail for these three areas will be 620 LF. At a unit price of approximately \$25/LF, this will cost the Township approximately \$15,500 for the installation of the guide rail. For budgeting purpose I would use this number and add \$1,000 for our firm to obtain the quotes needed for this project, make a recommendation of award and inspect the guide rail during installation. The total budget amount for this work would therefore be **\$16,500.00**.

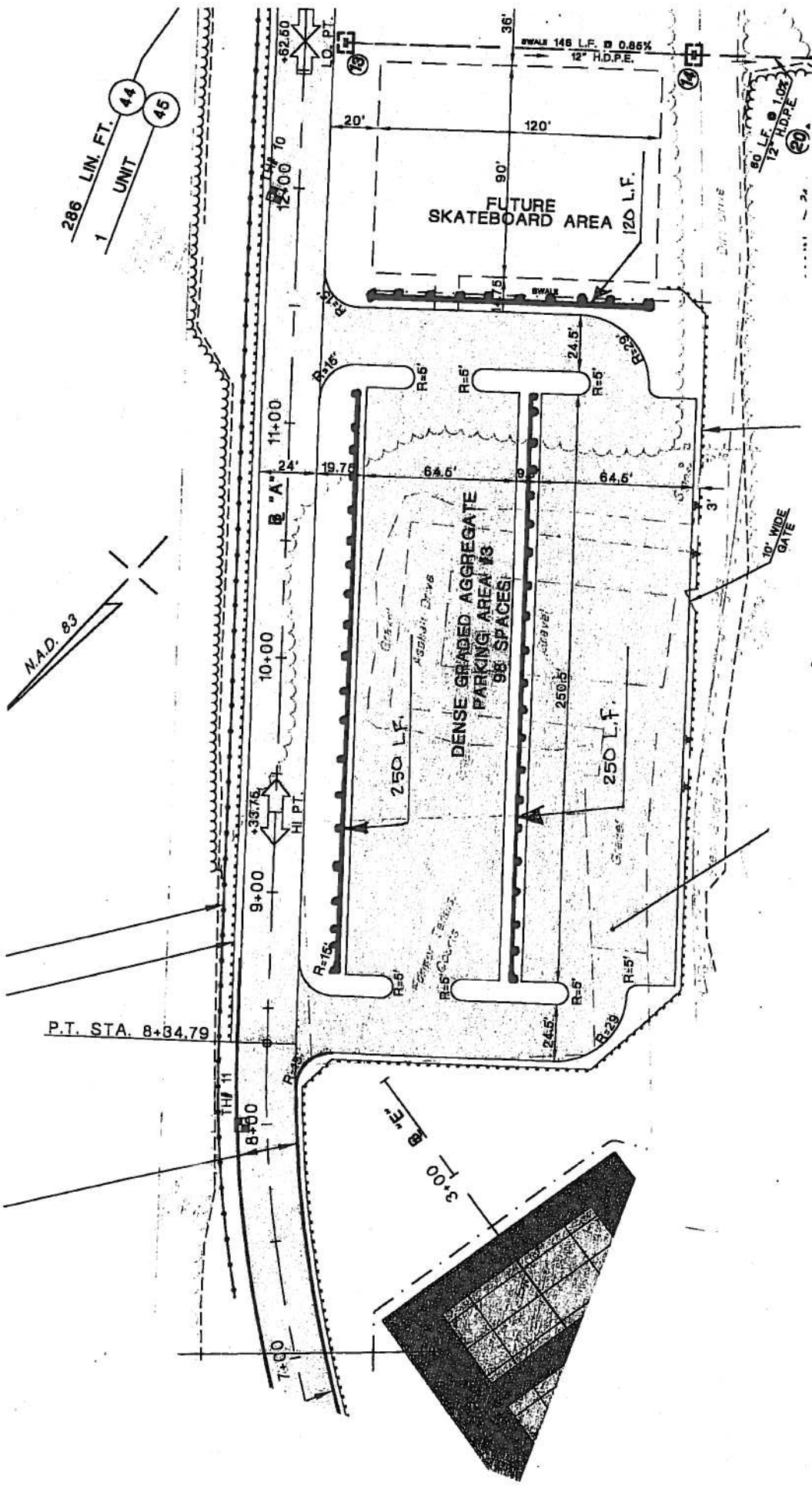
If you have any questions regarding the guide rail proposed or the estimate listed above, please feel free to contact me.

Very truly yours,

Cory L. Stoner, P.E., C.M.E.
HAROLD E. PELLOW & ASSOCIATES, INC.
Byram Township Engineer

CLS:cls
K:\PROJECTS\MUNICIPAL\BYRAM\COUNCIL\14-014 - 2014 BYRAM TOWNSHIP COUNCIL\SABATINI - CO JOHNSON PK GUIDE RAIL.DOC

Enclosure (*Guide Rail Location Sketch*)



FIRE DEPARTMENT

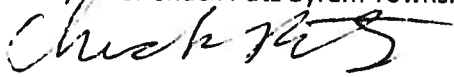
Year	Vehicle Make	Vehicle Model	Vin Number	Mileage	Cost New Value	Comments
1997	E-One	Engine 1 (101)	4ENGAAA83W1008943	23480		Cranberry Lake Firehouse - Engine 1- First due engine to Cranberry, forest lakes, Brookwoods, shoprite side of town. Also first due to any businesses along route 206 motor vehicle accidents on 206, On route 80 as well as car fires.
2001	Kenworth/Pierce	Rescue 3 (103)	2NKMHZBXX1M881034	11838		Cranberry Lake Firehouse - 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.
1988	Simon-Duplex	Engine 4 (104)	1D81P11J4J1008978	34637		Lee Hill - 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.
2006	Kenworth/Pierce	Tanker 5	2NKMHZBX87M195941	8692		Lackawanna - 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.
1992	E-One	Engine 6	4ENDAAA88M002119	20295		Lackawanna - Engine 106- First due out of the Lackawanna firehouse to Lackawanna, Roseville side, and even sometimes Forest Lakes side of town.
2001	Kenworth/Pierce	Tanker 7	2NKMHZBX41M855920	11728		Cranberry Lake Firehouse - 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.
						NOTES: 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

BYRAM FIRE DEPARTMENT TRUCK REPLACEMENT 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-

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.



Re: Fire Department Vehicles

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 airpacks, 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 airpacks 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

LAKELAND EMERGENCY SQUAD



RE:

Rourke Day <rday@lakelandems.org>
To: Joe Sabatini <jsabatini@byramtwp.org>
Cc: president@lakelandems.org

Mon, Jan 20, 2014 at 11:43 AM

Hi Joe –

Thanks again for attending our 75th Anniversary Installation Dinner over the weekend. It was nice to see you and Roxanne there.

As far as the Lakeland-owned ambulance goes, the Squad may very well want to go down that route when the time comes and it is something that Matt and I will be discussing as far as how we would finance such a project without another grant. As you know, that ambulance replaced the previous squad-owned ambulance that was stationed at Lee Hill to service that part of the Township and because of the joint-purchase of only one rig between Andover and Byram in the economic downturn, we had to reassign it to HQ leaving the Lee Hill bay devoid of an ambulance.

Stanhope has just completed a remount project on one of their rigs (I believe they took delivery over the summer). The process usually takes about 3 months give or take, and we'll have a loaner ambulance during that time so as not to pull the fleet down too much. The standard upgrades in addition to the chassis include cabinet hardware, paint, floors and upholstery, lighting, heating/AC unit, and the electrical system.

Please let me know if I can be of further assistance. February 4th is our monthly meeting, but I can certainly make arrangements to attend the Council meeting instead (assuming the baby doesn't arrive just yet).

Best,
Rourke

 **Rourke Day**

Sussex County EMS Coordinator



(no subject)

Matthew Jones <mmj5002@gmail.com>

Thu, Jan 9, 2014 at 12:01 PM

To: jsabatini@byramtwp.org

Cc: chief@lakelandems.org

Joe,

Per your request Rourke and I have worked up a capital budget response on behalf of Lakeland Emergency Squad using your criteria. Rourke provided additional details regarding our selections in the statement below. If you have any questions don't hesitate to contact us. Thank you and enjoy your upcoming weekend!

Sincerely,
Matthew Jones
President
Lakeland Emergency Squad
(848)-992-9193

Attached please find my revisions to the capital budget forecasting for Byram. In 2013, we saw a 12% increase in our call volume of 2012.

This year we are looking to remount our aging 2003 ambulance which is solely owned by Byram Township. Andover Township has a similar project underway for the 2003 ambulance they solely own. This project is estimated to cost \$135K-\$140K and will save roughly \$70K over the cost of a purchasing a brand-new unit. The anticipated lifespan of the remounted ambulance is 10 years. We have never undertaken a remount project before at Lakeland and have always purchased new ambulances; looking at this as a cost-saving measure to use our modules for twice as long by adding a new chassis and double their lifespan for 65% of the cost of a new truck.

In roughly another 5-6 years (FY2020) it will be time to remount the 2009 ambulance that was jointly purchased by Andover Township and Byram Township. The estimated cost of this project is \$75K per town; these are larger trucks and will require slightly more expensive chassis to remount on (not including whatever increase the cost of remounting a truck is at that time). Additionally, we would be looking to Andover Township and Byram Township to jointly purchase another ambulance at that time to maintain the fleet at 4 town-owned ambulances. Roughly a new ambulance would cost \$180K (likely a bit more at that time). Again, only estimates here.

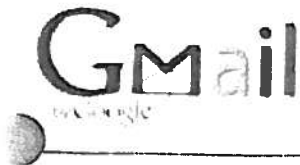
Ten years out it will be time to replace the trucks we are hoping to remount this year with new ambulances because modules cannot be remounted more than once. That cost is estimated at a minimum of \$200K per truck at that point.

DPW, BUILDINGS AND GROUNDS

m = mason dump
d = dump truck
p = pickup

TOWNSHIP OF BYRAM					
Status	Name	Year	Vehicle Make	Vehicle Model	Vin Number
In service	ID1	2001	INTERNATIONAL	2674 ROLLOFF DUMP TRUCK	1HTGLAT21H376932 1HTSDAARXR601207
In service	ID3	1994	INTERNATIONAL		
In service	ID4	1995	INTERNATIONAL	DUMP TRUCK	1HTSDAAR85SH205668
In service	ID5	1990	INTERNATIONAL	DUMP TRUCK	1HTSDDBRXL248782
In service	ID7	2008	INTERNATIONAL	7400 TRUCK	1HTWEAAR98J659766
Retired	M4	2004	DODGE	3600	3B6MF3668TME75219
In service	M2	2009	Sterling	Bullet	3F6WK76L19G520006
In service	M3	2009	Sterling	Truck	3F6WK76L79G521921
In service	M4	1998	DODGE	MASON DUMP	3B6MF3664M253605
In service	M5	2009	Sterling	Bullet	3F6WK76L19G520005
In service	M6	2005	FORD	F550 MASON DUMP	1FDAF5745EC96892
In service	M7	2009	Sterling	Truck	3F6WK76L09G514356
In service	P1	2012	GMC		
In service	P2	2006	FORD	F350 TRUCK	1FDWF31P06EA57232
In service	P3	2007	DODGE	3500 TRUCK	3D6WH46A27G787995
In service	P5	2006	FORD	F350 TRUCK	1FDWF31P96EA57231
In service	S2	2004	ELGIN	SWEeper	49HAADB74DN22266
In service		1987	Case	Loader	

2014 Request Per		2013 ¹	\$180,000	Used for plowing and hauling. All Large dump trucks are currently in decent Shape some body rust will run till not safe or breaks down.
Superintendent	Public			
Target	Replacement	2014	\$10,000	2013 - CAPITAL BOND ORDINANCE Used for plowing and hauling. All Large dump trucks are currently in decent Shape some body rust will run till not safe or breaks down.
Replacement	Cost			
				Use existing 10 yd spreader body in place of rotting dump body estimated cost = \$10,000
		2016	\$180,000	All Large dump trucks are currently in GOOD Shape some body rust will run till not safe or breaks down.
				All Large dump trucks are currently in GOOD Shape some body rust will run till not safe or breaks down.
		2014	\$70,000	Dump piston removed, frame welded, trans issue - retiring 2012 DECEMBER 2013 - OUT OF SERVICE BAD TRANSMISSION Added effective 2/13/09. Ourchased in 2008 and delivered in 2009
				Used for patching - target for replacement
				Added effective 2/13/09. Ourchased in 2008 and delivered in 2009
				Replace dump body 0 2014 - \$5000
				Adolf's Truck - Used for Plowing
		2018	\$40,000	
		2018	\$40,000	Red Flat Bed
		2017	\$120,000	Hydraulic leaks and parts rusted and not replaceable - worn out



It's Saturday - you're probably enjoying your day.

RE: Byram Township Salt Dome

Jacques Kessous <jk.dome@verizon.net>
To: Joe Sabatini <jsabatini@byramtwp.org>

Fri, Jan 24, 2014 at 10:56 AM

Morning,

The cost to mobilize, order the fan dormers, replace and or repair panels below the dormers, and deliver, Removal and installation , lift rentals to do that and hotel accommodations, then to repair the 10 holes around building, shingling only what we are replacing would cost around \$38,000.00- , excluding taxes. These prices are approximate.

I can say this, money or no money available, with the conditions of the shingles now , it will become far more expensive when more of the panels get damaged as is already happening.

I know you are aware of this, but it must be mentioned. A dome of that size today costs almost \$450,000.00 We have in the past replaced the entire structure above the wall because it was beyond repair.

Stay warm,

Jacques Kessous VP

Dome Corp. Of North America

From: Joe Sabatini [mailto:jsabatini@byramtwp.org]
Sent: Friday, January 24, 2014 10:36 AM
To: jk.dome@verizon.net
Cc: Adolf Steyh
Subject: Byram Township Salt Dome

Hi Jacques,

My Superintendent of Public works provided me the attached quote. I am trying to identify and prioritize all my capital projects knowing they will all not get funded.

I understand we should be looking at shingling the building but my original concern was the structural damage around the fan dormers.



DCNA Letterhead-Main-2-

Jacques Kessous <jk.dome@verizon.net>
To: Adolf Steyh <asteyh@byramtwp.org>

Thu, Dec 5, 2013 at 10:05 AM

Here is your info.

December 5, 2013

Mr. Adolf Steyh
Byram Township DPW
asteyh@byramtwp.org
Re: Salt Dome Repair.

Dear Mr. Steyh,

It was a pleasure seeing you yesterday at the site. Upon inspection of the dome built in 1991, it is clear that the shingles need replacing as they have outlasted their life.

Apart from leaks around the two dormers, the building a 116' diameter dome on a 10' wall in very nice shape.

We recommend the following work when the spring weather returns:

- Remove and replace all the shingles using 25 year shingles. (172 squares)(\$77744.00)
- Remove and replace flashing around entire dome (\$6556.00)
- Remove and replace the two fan dormers (Panels#5) and the panels directly below (Panels # 4)
- Repair approximately 10 holes in the plywood all around the dome.

.The total cost to do this repair is \$116410.00

We had discussed the possibility of installing a portable conveyor for your dome. Today, a conveyor that would handle 300TPH with a diesel engine would cost approximately \$130-140 K.

Please do not hesitate to contact us if we can be of further help.

Regards,

Jacques Kessous

Dome Corp. Of North America

Regards and thank you,

Jacques Kessous

Dome Corp. Of North America



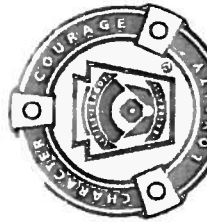
2014 Board Projects, Goals and Needs List (wish list)

Project Name	Description/Date	Possible Leaders	Assigned Y/N	Priority	Completed Abandoned
Concussion Course	Increase awareness and access to course and information to all. Mandatory for all volunteers including Umpires. Strongly recommended for Parents and older players.	John F	Y	1	
Lights on 2 fields	One on large field. One on standard field. Long term project not specific to this year only.	Need Direction from town		1	
50/70 Teams	Increase awareness and players from last year	John F	Y	1	
50/70 Field	1. 2014 continue to use F3 2. Improvements needed to F4 – many divots and holes causing injury to players. Parents have complained in writing.	1. - 2. Need Direction from town	JF	1	
Additional Shed	Need to get Towns permission Alternative, larger boxes behind (home plate) fields	Need Direction from town	JF	1	
F3 Drainage	F3 needs some type of work done to make it drain better, not puddle up and dry in a regular manner	Need Direction from town	JF	1	
Field Care Insinuitive	New HE~LL guidelines for field maintenance 1. Rake after every practice and game 2. Requires purchase so each field can have 2 rakes. Rakes must be able to be locked up (with L Screen) 3. Mobile, Large Water Tub or container. Source TBD 4. Cover mound and plate with Tarp. Must be purchased. Need weights to secure.	ALL 1. All 2. Randy and Darren 3. Randy and Darren, Need Direction from town 4. Need Direction from town	JF	1	



2014 Board Projects, Goals and Needs List (wish list)

Keys for FH	We cannot continue with 2 keys as we did last year.	Need Direction from town	1
F1 Playground Net	Raise the fence in LF on F1 with mess (seasonal or permanent)	Need Direction from town	1
Batting cage platform foundation	Bricks or gravel under platform to keep it out of wet earth.	Darren S	1
Fundraising	Duplicate but improve on last year's events. (Somerset Patriots and Applebees breakfast)	Corinne and Jeff	1
New Dual Batting Cage	Purchase pending towns final approval	Need Direction from town JF	1
Batting cage platform	1. 2 nd set of wheels to make it easier to move: I have a 4 wheel dolly to move batting cage platform so you can take that off the list. (ds) 2. Might need 2 nd platform or new design for batters boxes.	Depends on town's approval of Batting Cage and winter storage.	2
Loft in Shed	To help store equipment more efficiently,	Darren S	2
Helmet Rack	Seasonal: Use what is in stock. Let's put them out with batting caddy and see if they are used or damaged.	Randy M	2
F2 Clay	Increase clay between Pitcher's mound and home plate. Great work done in 2013, needs more.	Need Direction from town	2
Spare Bases	Currently we have none that are same as magnetic ones, only older ones. Buy one per year for the next 5 years assuming we get 50/70 access to F4	Randy M	2
L Screen	Acquire at least one more. We have 2. Need one on each field and in Batting cage(s). Will plan on buying 2 for this year.	R. Miller	2
Clay for Mounds	Add to work that has been done already	Darren S	2
Clay for Batter box	New project	Darren S	2
50/70 Field	Step 2, prepare for a move to F4 in 2015. Requires: • Access to the field (town permission) • Moveable Mound \$\$\$ • Bases \$\$\$ • Removable Fence (optional)	Need Direction from town	3
Scorer's Table	Table for Game Scorers	Neil P	3



2014 Board Projects, Goals and Needs List (wish list)

Tournament	Have a fundraising tournament.				
Game Changer Software for score keeping	Hand held electronic scoring mandatory for all Majors divisions and above. Cannot enforce. Project for Majors Division.				A

Legend

Priority 1: Top priority for HE~LL. Costs might be prohibitive.

Priority 2: Top priority for HE~LL. Costs are a concern depending on Priority 1 possibilities and expenses accrued from these items however, these are targeted for current year completion.

Priority 3: Not a priority for this year all things considered (costs, timing, and prerequisites).

A = Abandoned for this year.

