

# TOWN OF GILL

MASSACHUSETTS



[www.gillmass.org](http://www.gillmass.org)

## SELECTBOARD & FINANCE COMMITTEE MEETING MINUTES

*May 24, 2012*

Call to Order: The joint meeting of the Selectboard and Finance Committee was called to order at 6:08pm.

Present: Randy Crochier, Ann Banash and John Ward, Selectboard members; Ray Purington, Admin. Assistant; Jacob Rau, Timmie Smith, Tupper Brown, Alden Booth, Claire Chang, and Ronnie LaChance, Finance Committee members; Nancy Griswold, Ernie Hastings.

FY13 Budget: Updated versions of the FY13 expense and revenue summaries were distributed. For the suggested contribution to the education stabilization fund (based on a less than 2.5% increase to the overall education assessment), Ray will determine the amount that corresponds to the 3.3% tax levy increase shown in line 148. [Amount would be \$22,808, compared to the \$10,612 based on the 2.5%.]

Discussion around projected revenues identified a steady decline in recent years' certified Free Cash. Level-funded budgets, and departments turning back less money at the end of the year was one suggested reason. Ray will ask the Accountant to prepare a breakdown of the sources and amounts that produced this year's Free Cash of \$93,726. There was some discussion about ways to use Free Cash other than "reducing the tax rate," without any conclusions except that some members would like an offline explanation of how Free Cash can be applied to various types of appropriations, and the associated impact.

Based on a question from Ernie Hastings, Ray was asked to find out the current balance of the Road Machinery Account and any recent activity in or out of that fund. Ray reported that he was successful in getting DOR approval to place highway machinery reimbursements from FEMA into the Road Machinery Fund rather than having to close the reimbursements to Free Cash. This allows the money to be used sooner than if it waited for the Free Cash certification process, and keeps the use of the reimbursement more in line with the source of the original expense (wear and tear on highway equipment).

6:55pm Jane Oakes, Kathleen Adams, and David Hastings joined the meeting.

7:08pm Timmie Smith called to order the CIPC meeting. Members present: Timmie Smith, Nancy Griswold, Jane Oakes, Ronnie LaChance, and Randy Crochier. Timmie gave a brief overview of the CIPC and this year's report, and then asked that Kathleen Adams, Principal of Gill Elementary School, be allowed to explain the school's request for new interior doors and locks.

Kathleen discussed the request, and distributed a handout that included an explanatory letter from her as well as info sheets on the locks. She noted that while there is no law that requires the ability to lock classroom doors, it is a generally accepted good practice within education facilities. "The children expect the adults to keep them safe." She also noted that for most of this year the school has been in a security situation involving a non-custodial parent. While the situation has stayed under control, it has brought a greater awareness of the inability to lock out a threat from entering a classroom. There was some philosophical discussion around locked classrooms and whether it teaches children fear.

Kathleen also explained that the locks could be added to the existing doors. The current doors are worn and tired looking. Her letter broke out the cost of the 18 locks at \$5,534 and 20 new doors at \$9,700. She was asked to find out the labor cost to install the locks and new doors, and if the work could be done by District personnel. She was also asked to find out the feasibility and potential cost of installing new locks in the current doors, and then in a few years moving the locks to new doors. Kathleen left the meeting at 7:40pm.

Police Chief David Hastings explained his request for a new cruiser, noting that the 2004 Explorer has 96,000 miles on it (~11,000 in the last year), and \$4,700 has been spent on repairs to the vehicle in the last 3 years. (The 2005 Crown Vic has 83,000 miles, 9332 from the last year. The 2008 Crown Vic has 65,000 miles, 11,859 from the last year.)

While his original request favored a Ford Interceptor, after seeing the one Northfield has, he now prefers the new Dodge Charger (which is Bernardston's newest cruiser) because the rear seat is roomier and an officer is less likely to get injured trying to place a large-bodied detainee into the cruiser. The police package V8 Charger is \$29,500 off state bid. The Interceptor is \$29,700. The V8 Charger is estimated to get 19 miles/gallon overall, and is a rear wheel drive. David will get gas mileage figures for the Interceptor.

With respect to hybrid vehicles, David explained that to the best of his knowledge, there are no police package hybrid cruisers. Some cities, New York was cited as an example, have used hybrid vehicles in their fleets, but only as administrative vehicles, and not as front line cruisers.

There is a desire to re-equip our cruisers with laptop computers, as we are down to just one functioning laptop. The laptops were regular consumer model hand-me-downs donated by NMH years ago. New heavy-duty laptops are estimated at \$2,000 each, but David will get a quote.

There was also discussion about a pending switch from the IMC records system to a Spillman software package. Because of uncertainties in the leadership of the Greenfield Police Department (which is the lead town on the Spillman project), as well as the withdrawal of several of the largest towns from the project, it's not clear whether a switch to Spillman will be possible and/or affordable for Gill. The new software would provide more functionality than the current IMC system and allow for more sharing of data between area departments.

David was asked to bring information on this year's overtime and part-time hours to the 4pm meeting on 5/29.

8:15pm The CIPC adjourned. David Hastings and Nancy Griswold left the meeting.

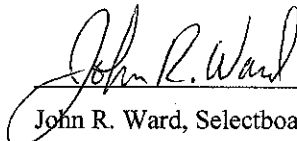
In a brief discussion of the need to replace the old, leaking roof at Town Hall, it was suggested that we should talk with Eddie Ambo about what he remembers when the roof was installed many years ago. (He worked for the company that did it, right before coming to work for the Town.) Reportedly, the plywood sheathing isn't nailed down as well as it should be, and there may not be any black paper under the shingles. Before the current roof, the roof was slate, which was stripped off.

The Finance Committee adjourned at 8:25pm.

Highway Products Bids: The Board reviewed results from the FRCOG cooperative bid for highway products for FY13. Randy made a motion, seconded by John, to awarded the following low-bid items: Hardpack - \$7.25/ton picked up - Mitchell Excavating; Hot Mix Asphalt - \$66.90/ton applied in place - Lane Construction; Hot Mix Asphalt - \$72.00/ton picked up - Lane Construction; 3/4" processed gravel - \$11.50/cu yd picked up - Mitchell Excavating; Liquid asphalt - \$3.34/gal delivered in place - All States Asphalt. The vote was unanimous in the affirmative.

Adjournment: The Selectboard meeting adjourned at 8:30 p.m.

*Minutes respectfully submitted by Ray Purington, Administrative Assistant.*

  
John R. Ward, Selectboard Clerk

**DOORCRAFT CORP.**

4 North Bridge St.  
P.O. Box 1127  
Holyoke, MA 01041-1127

**QUOTATION**

(413) 533-6809  
FAX (413) 534-7231

Date: 2/23/12

To: Gill Montague Reg. School Dist.  
35 Crocker Ave  
Turners Falls, MA 01376  
Attn: Bob Flaherty

Project: Gill Elem School  
Gill, MA

**TERMS : NET 30 DAYS - NO RETAINAGE**

1. We are pleased to submit the following Quotation for acceptance within 30 days from date hereof.
2. All prices are quoted F.O.B. factory, freight prepaid to job site.
3. Prices DO NOT INCLUDE Federal, State or Local Taxes

SPECS	MATERIAL DESCRIPTION	PRICE
	16 Locksets-Yale-Mortise x Lever Handle-Double Cylinder	\$ 3,904.00
	2 Exit Devices Yale-Vertical Rod x Lev Handle-Double Cyl. <i>if we need 4 Door Then This is x3 2. Worst Case</i>	1,630.00 5,534.00 ←
	Unit Prices:	
	Wood Door 3/0 x 7/0 x 1-3/4 Particle Core-Maple-Pre Fin. Clear with 6 x 30 Glass Light	325.00 Each
	Wood Door 3/0 x 7/0 x 1-3/4 45Min. Mineral <u>Core Fire Door</u> Maple-Pre Fins. Clear with 6 x 30 Glass Light	Worst case 485.00 Each x 16 7,760 ←
	*Bob, please contact me at your earliest convenience. Thank you.	
	Total	\$14,924.00

**EXCLUSIONS:**

\* If we proceed with this project Joe has a couple of questions. 2-23-12  
and will need more info.

Signed

  
Joseph Douglas

# GILL ELEMENTARY SCHOOL

48 Boyle Rd.  
Gill, MA 01354

Principal Kathleen Adams

Phone: (413)863-3255 Fax: (413) 863-3268  
Email: kathleen.adams@gmrsl.org

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*A Kindergarten through Sixth Grade Learning Community—Where every child is honored*

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Memo: Town of Gill

Date: 5/24/12

From: Kathleen Adams, Principal

Re: Doors and Locks

The doors and locks at Gill Elementary School are in need of two updates. The first are 16 Yale Mortise Locksets and Levers and 2 Yale Vertical Rod Exit Devices and Levers to ensure the safety of our students. Currently, the interior classroom doors do not have the capability to be locked. The teachers and staff at the school are not able to keep the children safe if presented with a dangerous situation in the school either verbal or physical. In this day and age we need to be careful and proactive. If something happened inside the school and I could not secure the safety of the children and someone became hurt, I could not sleep at night knowing that I could have prevented it. Could you? The estimated cost for this safety upgrade is \$5,534.00

Secondly, the doors need to be replaced. The current doors are the original doors in the school. They show years of wear. In replacing the locksets, new holes will need to be made and patching would need to occur. Since the laminate of the doors is chipped and the surface is well worn, marked and dirty, a patch job would decrease the aesthetic further. There is a good amount of research on the importance of beauty for emotional and social health. Well-maintained schools increase the happiness and emotional health of the employees and children and foster a sense of pride. An esthetically pleasing school promotes a positive school culture thus translating into academic success. The estimated cost for replacing 20 interior doors with wood mineral core fire doors is \$9,700.

The total project would cost \$15,234.

I thank you for your support for the children of Gill and our school choice students.

Respectfully Submitted,  
Kathleen Adams

Please initial and return original to Selectboard's Office. Thank you.  
 Routing: CIPC ☐ Selectboard ☐ Finance Comm. ☐

**GILL CAPITAL PROJECT REQUEST FORM**

1. Date: Feb 1, 2013 2. Dept, Board, Committee Proposing Article: Police

**PART 1 - COMPLETE FOR ALL CAPITAL PROJECT REQUESTS**

3. Project Title:  
Cruiser

4. Project Description:  
2013 Ford Taurus or Police Interceptor

5. Proposed Wording of Article: To see if the Town shall vote to...

6. Cost & Recommended Sources of Funding: (\*Don't include interest costs/costs of borrowing.)

Budget FY	Total*	Recommended Sources of Funding
FY 13	\$30,000	\$28,000 from last FY12 account and \$2,000 from taxation.
FY		
FY		
FY		
FY		
FY		
Six Year Total		
After 6 <sup>th</sup> Year		

(If figures are adjusted for inflation, what % did you use? )

7. Departmental Priority: 100

8. Justification and Useful Life: To replace the 2004 Explorer as a front line cruiser, expected life of 5-7 years

**PARTS 2 & 3: RESERVE FOR CAPITAL PROJECTS DEFINED AS:**  
**"A PROJECT THAT HAS A VALUE OF \$10,000 OR MORE AND A USEFUL LIFE OF AT LEAST FIVE YEARS."**

**PART 2 - CAPITAL PROJECT (excluding equipment)**

9. Project Location:

10. Purpose of Form: ( ) Add a new item to the capital program ( ) Modify a project already in the adopted program

11. Net Effects on Operating Costs (+ or -):

Direct Operating Cost	Indirect Operating Costs
Personnel - Number	Fringe benefits
Personnel - \$ Amount	General admin. costs
Purchase of services	Other
Materials & supplies	(b) Subtotal - Indirect
Equipment purchases	
Utilities	Total operating costs (a+b)
Other	(c) Debt service P & I
(a) Subtotal - Direct	Grand Total operating cost (a+b+c)

### PART 3 - CAPITAL EQUIPMENT PURCHASE/RENTAL

**12. Method of Acquisition (check appropriate):**    ☒ Purchase                      ☐ Rental

**13. Purpose of Expenditure:**  
(check all that are appropriate)

<input checked="" type="checkbox"/> (X) Scheduled replacement	<input type="checkbox"/> ( ) Present equipment obsolete
<input checked="" type="checkbox"/> (X) Replace worn-out equipment	<input type="checkbox"/> ( ) Reduce personnel time
<input type="checkbox"/> ( ) Expanded service	<input type="checkbox"/> ( ) New operation
<input checked="" type="checkbox"/> (X) Increased safety	<input type="checkbox"/> ( ) Improve procedures, records, etc.

**14. Number of Similar Items in Inventory: 3**

**15. Estimated Use of Requested Item(s):**

  52   Weeks per year  
   4   Average days per week  
  10   Average hours per day used  
  5-7  Useful life in years.

**16. Replaced Items:**

Item	Make	Age	Costs from Prior Years		
			Maint. Cost	Breakdowns	Rental Cost
Crusier- Explorer	Ford	2004-8 yrs	FY12- \$ 685 FY11- \$ 508 FY10- \$ 2717		
			*Does not include basic service.*		
*There are still no Hybrid Front Line Cruisers available					

## **PART 4 - COMMENTS**

**17. CIP Committee Recommendation:**

**18. Selectboard Recommendation:**

**19. Finance Committee Recommendation:**



*\$3,000 INCREASE  
FROM LAST YEAR*

January 30, 2012

Chief David Hastings  
Gill Police

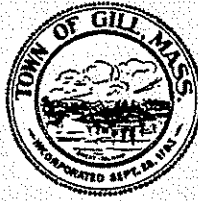
715-803-9398  
[chief@gillmass.org](mailto:chief@gillmass.org)

Dear Chief,

MHQ offers the following budget quote subject to final contract award:

2013 Ford <u>Taurus SE</u> V6 front wheel drive	\$21,822.34
Upgrade to all wheel drive SEL platform	3,995.00
Remote activated starter for chipped key system	375.00
5 year/100k mile extended powertrain warranty \$0 deductible	960.00
(2) additional chipped keys	40.00
Install supplied main two way police radio	Included
One dual blue LED over front passenger visor	295.00
Two dual blue LED on rear deck	545.00
Blue TIR 3 LED grille lights @ \$225/set	450.00
(2) clear LED hideaways in front directionals (acts as wigs)	250.00
(4) LED hideaways rear: blue/clear	475.00
Code 3 undercover remote siren w/air horn (no PA)	195.00
100w siren speaker behind grille	195.00
Remote mount kit for CDM1550 radio	235.00
TOTAL ESTIMATE FOR TAURUS;	\$ 29,832.34
2013 Ford Interceptor sedan V6 front wheel drive	\$ 24,949.24
Upgrade to all wheel drive platform	1,250.00
5 year / 100k mile factory powertrain warranty standard	Included
Remote activated starter	375.00
Install main 2 way radio	Included
Supply additional keys	Included
One dual blue LED over passenger mirror	295.00
(2) dual blue LED rear deck	545.00
(2) blue 400 series LED grille lights	495.00
(2) clear LED in front directionals	250.00
(4) LED hideaway rear: blue/clear	475.00
Whelen A6 siren w/switching & PA	425.00
100w siren speaker behind grille	195.00
Center console	325.00
Armrest	75.00
Cup holder	40.00
TOTAL ESTIMATE FOR INTERCEPTOR:	\$ 29,694.24

TOWN OF GILL  
MASSACHUSETTS



highway@gillmass.org

Dear Selectboard, Fin comm, Capital comm.

The Highway Dept this year is requesting funds to replace our aging brush chipper. The existing Morbark eager beaver chipper was purchased in 1985 from Tyler equipment of Longmeadow, Ma for \$ 9,950. the current chipper has 2262 hrs. This chipper is used during much of the year for tree trimming and storm damage tree work. The chipper has seen several repairs over the term of its life, we have replaced the engine timing belt twice along with fuel pumps, feed wheel teeth, tires, and hydraulic motors. The current chipper is a 12 inch feed into a disk type grinder that has two knives, that is powered by a Ford 4cylinder gas motor. Anything over 6 inches in dia is a struggle to feed into the unit thus making it a risk for a back injury.

We are asking for a new chipper large enough to accept limbs larger than 12 inch so we don't have to leave those limbs beside the road, then having to return with a loader and truck to pick them up later as we have to now. What we are asking for specs is a chipper that will take a limb 15 inches and under, diesel motor, drum style four knives and a hydraulic winch installed. The reason for the winch is we currently have to drag by hand all the brush and limbs up and over the guardrails and embankments thus running the more risk for injuries to the employees. The cost of the winch is very minimal compared to an insurance claim and having to hire a part time worker to fill in for unspecific amount of time.

An option for a lease to purchase is available from one of the dealers as I have been told. I have not have enough time to go into specifics with them, but it is an option.

Respectfully,

Mitchell ( Mick ) LaClaire Sr.  
Highway Supt.



Please initial and return original to Selectboard's Office. Thank you.

Routing: CIPC ☐

Selectboard ☐

Finance Comm. ☐

### GILL CAPITAL PROJECT REQUEST FORM

1. Date: 2-12-12

2. Dept, Board, Committee Proposing Article: Highway Dept.

#### PART 1 - COMPLETE FOR ALL CAPITAL PROJECT REQUESTS

3. Project Title:

Replace 1985 Chipper

4. Project Description:

Replace Existing 1985 Chipper. Chipper is used very heavy year round. Existing chipper very difficult to operate, is very small & slow, hope to replace with slightly larger chipper, Diesel Motor & Feed winch.

5. Proposed Wording of Article: To see if the Town shall vote to... Replace Existing Brush Chipper for Highway Dept

6. Cost & Recommended Sources of Funding: (\*Don't include interest costs/costs of borrowing.)

Budget FY	Total*	Recommended Sources of Funding
FY <u>13</u>	<u>\$50,000</u>	<u>Debt Exp. (Town Funds) \$10,000 From Chap 90</u>
FY		
FY		
FY		
FY		
FY		
Six Year Total		
After 6 <sup>th</sup> Year		

(If figures are adjusted for inflation, what % did you use? \_\_\_\_\_)

7. Departmental Priority: 100%

8. Justification and Useful Life:

MAJORITY of work AROUND TOWN involves Tree work. The chipper is used heavily. Consideration to Existing Chippers Age & Usage. We are recommending a new chipper with a winch to assist in the removal of debris - The cost may be higher than expected. However much cheaper than workers comp claims.

#### PARTS 2 & 3: RESERVE FOR CAPITAL PROJECTS DEFINED AS

"A PROJECT THAT HAS A VALUE OF \$10,000 OR MORE AND A USEFUL LIFE OF AT LEAST FIVE YEARS."

#### PART 2 - CAPITAL PROJECT (excluding equipment)

9. Project Location:

Town wide

10. Purpose of Form: ( ) Add a new item to the capital program (X) Modify a project already in the adopted program

11. Net Effects on Operating Costs (+ or -):

Direct Operating Cost	Indirect Operating Costs
Personnel - Number	Fringe benefits
Personnel - \$ Amount	General admin. costs
Purchase of services	Other
Materials & supplies	(b) Subtotal - Indirect
Equipment purchases	
Utilities	Total operating costs (a+b)
Other	(c) Debt service P & I
(a) Subtotal - Direct	Grand Total operating cost (a+b+c)

### PART 3 - CAPITAL EQUIPMENT PURCHASE/RENTAL

- 12. Method of Acquisition (check appropriate):**    ☒ Purchase                      ☐ Rental
- 13. Purpose of Expenditure:**                      ☒ Scheduled replacement         ☐ Present equipment obsolete  
    (check all that are appropriate)                  ☒ Replace worn-out equipment    ☒ Reduce personnel time  
   ☐ Expanded service                      ☐ New operation  
   ☒ Increased safety                      ☐ Improve procedures, records, etc.

**14. Number of Similar Items in Inventory:** 1

15. Estimated Use of Requested Item(s):

<u>36</u>	Weeks per year
<u>3</u>	Average days per week
<u>6-8</u>	Average hours per day used
<u>20</u>	Useful life in years.

**16. Replaced Items:**

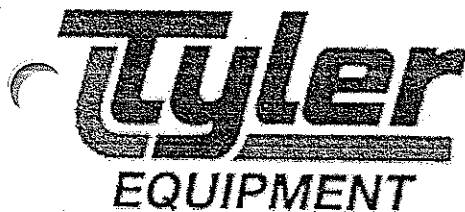
Item	Make	Age	Costs from Prior Years		
			Maint. Cost	Breakdowns	Rental Cost
Brush Chipper	Morbark Chipper	1985	Average \$1000	Most in 2011	

## PART 4 - COMMENTS

**17. CIP Committee Recommendation:**

**18. Selectboard Recommendation:**

**19. Finance Committee Recommendation:**



Tyler Equipment Corporation  
1980 Berlin Turnpike  
Berlin, CT 06037  
USA  
860-572-0606 (Phone)  
860-572-0606 (Fax)  
www.tylerequipment.com

QUOTATION			
Quote #	Quote Created	Last Updated	Salesperson
20382	March 16, 2012 08:50 AM by Tyler Equipment Corporation	March 16, 2012 09:04 AM by Tyler Equipment Corporation	T. Tyler

CUSTOMER:			
Town Of Gill Highway Dept 196C Main Rd Gill, Massachusetts 10354 USA 413-333-3232 (Phone) Mick LaClaire (Contact) Highway@gillmass.org			

MODEL 1390XP (13" / 15" DRUM STYLE) BRUSH BANDIT			
Qty	Part #	Description	
1	MODEL-1390	Model 1390XP - (13" / 15" Drum Style) Brush Bandit	

STANDARD EQUIPMENT			
Qty	Part #	Description	

1	STANDARD	Top feed wheel jack mount with locking pin to raise & lock top feed wheel using tongue jack (not provided when hydraulic lift cylinder option is selected)	
1	STANDARD	29" high x 54" wide tapered infeed hopper with 30" fold down infeed hopper tray, heavy-duty taillight covers, and spring lift assists	
1	STANDARD	360 degree manual swivel discharge chute with 12" adjustable chip deflector	
1	STANDARD	Clean out and inspection door on discharge	
1	STANDARD	37" diameter x 18 3/4" wide drum with (4) 5/8" X 5 1/2" X 9" dual edge knives	
1	STANDARD	12 gallon steel hydraulic tank with magnetic drain plug, lockable filler cap, and aluminum sight gauge	
1	STANDARD	24 1/2 gallon steel fuel tank with magnetic drain plug, lockable filler cap, and aluminum sight gauge	
1	STANDARD	12 volt system with rubber mounted LED taillights, 6 prong replaceable coiled power cord & protected heavy-duty wiring with junction box, and LED clearance lights with reflectors.	
1	STANDARD	5,000 pound capacity tongue jack with 15" of travel and foot pad	
1	STANDARD	3/16" x 2" x 6" rectangular tubing with a 3/16" x 2" x 6" tubular tongue	
1	STANDARD	Banded chipper belts	
1	STANDARD	Safety control bar controls forward / neutral / reverse	
1	STANDARD	Engine disable plug for hood locking pin-preventing engine from operating without pin in place	
1	STANDARD	Wooden pusher tool with mount on infeed hopper	
1	STANDARD	(2) Last chance safety pull cables	
1	STANDARD	Weather resistant manual container	
1	STANDARD	Safety DVD, Bandit operator's manual, and engine operator's manual	
1	STANDARD	Spanish & English combination safety decals	

OPTIONS			
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1	333-32273	Standard Imron Industrial Urethane Bandit Yellow	
1	990-1013-88	Model 1390HD package (Unit will be rated as a 15" capacity machine and will feature a 17 3/4" high x 19 1/2" wide throat opening, feed wheels will open up to 15 1/2" from tooth to tooth. Includes spring loaded slide box type feed system with (2) horizontal feed wheels 10 5/8" diameter x 19 1/2" wide, driven by (2) 32.7 hydraulic motors (Provides approximately 2,040.09 lbs of pulling power for each feed wheel)	
1	990-RC0913-495	Perkins 1104D-E44TA 142 horsepower with NACD over center clutch - Tier 3	

1	990-100260	Lockable aluminum battery box with (1) 1,010 CCA Interstate battery
1	990-100450	Single 8,000 pound Torflex EZ lube electric brake axle
1	990-100415	Aluminum bolt on fenders (Approximately 1/8" thick)
1	990-100274	2 1/2" Wallace Forge pintle hitch
1	990-100185	Spare tire mounted on heavy-duty gray rim (215/75R 17.5")
1	990-1011-73	Deluxe Winch Option Package: Hydraulic winch mounted on infeed hopper (does not include cable or rope), hydraulic lift cylinder for top feed wheel, hand crank height adjustable discharge, HAND crank swivel discharge, and Reversing Auto Feed system (Please specify if winch end is to be set-up to accept rope (aluminum fairlead) or cable (steel rollers)) Specified: cable
1	990-100118	Heavy-duty lockable filler cap covers
1	990-100124	Shut-off valve for fuel tank
1	990-100127	Gate valve for hydraulic tank
1	990-100257	Frame / Fender supports
1	990-100082	(2) Mud Flaps (1/4" x 12" x 18")
1	990-100759	Telescoping tongue with single 20" adjustment
1	990-100131	Pole style cone holder

#### CUSTOMER TOTALS

Total Unit Price:		\$ 48395.00
Customer Discount:	15.0000 %	- \$ 7259.25
Dealer Preparation/Delivery:		\$ 500.00
Customer Net Unit Price:		\$ 41635.75
Freight/Shipping:		\$ 800.00
Customer Total:		\$ 42435.75

#### SIGNATURE

The Buyer, whose name and address appears above, agrees to purchase from the Seller, whose name and address appears above, the above equipment at the prices stated and upon the terms and conditions of this agreement.

X

Signature

Date



# MORBARK

## 2012 MORBARK BEEVER™ M15R

### STANDARD UNIT:

15" chipping capacity

Morthane Paint System: A chemically cured, electrostatically applied, two component industrial urethane topcoat with a two component urethane primer and military grade resins for resistance to anti-freeze, diesel fuel and hydraulic oil spills - system provides an excellent gloss finish, superior color retention, chip resistance and corrosion protection

56" wide x 37" high rigid infeed chute with 20" wide x 15" high throat opening, reversible feed works control bar and dual safety pull cables

Dual horizontal feed wheels with TorqMax™ top feed wheel compression system, hydraulic lift assist, Variable Force™ constant hydraulic down pressure system with additional manually applied hydraulic down pressure at the valve handle and direct drive bottom feed wheel with torque arm coupler

Reversing automatic feed system

30" diameter x 23-3/4" wide four (4) knife staggered knife pocket drum with patented EZ Drum™ removable knife holders and Vortex chambered air-impeller system

32-gallon lockable fuel tank with drain plug, sight gauge and shut-off valve

12-gallon lockable hydraulic reservoir with sight gauge, drain plug and clean-out cover

Live hydraulic system including: ball valve, pump, motor, and valve bank with additional pre-plumbed valve section for installation of an aftermarket winch

360° manual crank, height-adjustable, swivel discharge chute with adjustable flipper end to deflect chips

2" x 6" tubular steel frame with cross bracing for additional structural rigidity

4" x 6" tubular steel telescoping drawbar with (2) 12" extensions, adjustable hitch plate with 2-1/2" pintle ring and 3/8" thick safety chains with clasp hooks

9000# Torflex suspension axle, electric brakes and break-away actuator with 215/75R x 17.5", 16-ply radial tires with rims and hexagon splash guard fenders

10,000# tongue jack with stationary foot pad

Lockable steel battery box with 8D, 1400CCA battery

Lockable plastic tool box

Complete set of manuals including: Parts, Safety and Operator's Manual with electronic back-up, safety DVD, start-up paperwork, engine manual and OEM component manuals

Enclosed engine with gauge panel, radiator fines screen and slide rails for belt adjustment

Trailer wiring package includes: 7-pin flat electrical connector, LED tail lamps, LED side marker lamps and license plate holder with light

Extended tail light mounts (rabbit ear style) mounted on infeed top

### All above items are standard features

Caterpillar C4.4, Tier III, 142-HP Diesel Engine (standard base engine)

Retail	Municipal (less 15%)
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\$ 50,450.00	\$ 42,882.50
\$ -	\$ -

### POWER OPTIONS AVAILABLE: (ADD)

Cummins QSB4.5, Tier III, 130-HP Diesel Engine

\$ 0	\$ -
\$ 2,600.00	\$ 2,210.00

John Deere 4045H, Tier III, 140-HP Diesel Engine

\$ 2,900.00	\$ 2,465.00
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**BASE  
COST**

Cummins QSB4.5, Tier III, 170-HP Diesel Engine	\$ 5,600.00	\$ 4,760.00
	0	\$ -
<b>OPTIONAL EQUIPMENT: (ADD)</b>	0	\$ -
235/75R x 17.5", 16-ply radial tires in lieu of standard 215/75R x 17.5", 16-ply tires	\$ 200.00	\$ 170.00
3" lunet ring in lieu of standard	\$ 50.00	\$ 42.50
5LB ABC fire extinguisher with mount	\$ 150.00	\$ 127.50
Aluminum diamond plate fenders	\$ 300.00	\$ 255.00
Aluminum diamond plate tool box	\$ 50.00	\$ 42.50
Amber strobe light	\$ 75.00	\$ 63.75
Bottom bump bar	\$ 1,250.00	\$ 1,062.50
Chocks and chock holders (complete set)	\$ 175.00	\$ 148.75
Discharge clean-out door (BOTTOM)	\$ 75.00	\$ 63.75
Discharge clean-out door (SIDE)	\$ 100.00	\$ 85.00
Dual 10,000# rear jacks mounted roadside and curbside	\$ 625.00	\$ 531.25
Electronic fuel gauge located near control panel	\$ 150.00	\$ 127.50
Engine stop on infeed	\$ 250.00	\$ 212.50
Folding infeed tray	\$ 400.00	\$ 340.00
Folding infeed tray with spring lift assist	\$ 700.00	\$ 595.00
Hydraulic front stabilizer	\$ 1,500.00	\$ 1,275.00
Hydraulic swivel discharge chute	\$ 750.00	\$ 637.50
Knife saver tool	\$ 25.00	\$ 21.25
Manuals: complete, additional set	\$ 250.00	\$ 212.50
Pusher paddle with mount	\$ 175.00	\$ 148.75
Radiator brush guard	\$ 375.00	\$ 318.75
Rubber infeed curtain (clear poly)	\$ 650.00	\$ 552.50
Spanish safety decals in addition to English safety decals	\$ 200.00	\$ 170.00
Spare 215/75R x 17.5 tire and rim	\$ 650.00	\$ 552.50
Spare 235/75R x 17.5 tire and rim	\$ 750.00	\$ 637.50
Spare tire mount	\$ 200.00	\$ 170.00
Special color Morthane paint, in lieu of standard Morbark orange	\$ 600.00	\$ 510.00
Special color metallic paint, in lieu of standard Morbark orange	\$ 1,000.00	\$ 850.00
Tail light guards	\$ 150.00	\$ 127.50
Turnbuckle discharge height adjustment	\$ 225.00	\$ 191.25
Variable speed flow control	\$ 300.00	\$ 255.00
Winch package: heavy-duty, 5000# pull capacity with rope and 10' chafe guard	\$ 4,075.00	\$ 3,463.75

**WARRANTY**

BRUSH CHIPPER WARRANTY STANDARD ONE (1) YEAR WITH TWO (2) YEAR/3,000 HOUR COVERAGE, WHICHEVER COMES FIRST, ON MORBARK MANUFACTURED COMPONENTS

CATERPILLAR BASE WARRANTY COVERAGE TWO (2) YEARS/2,000 HOURS WITH POWER GREAT LAKES (PGL) EXTENDED WARRANTY COVERAGE TO FIVE (5) YEARS/3,000 HOURS MAXIMUM – WHICHEVER COMES FIRST

CUMMINS BASE WARRANTY COVERAGE TWO (2) YEARS/2,000 HOURS WITH CUMMINS ENCOMPASS EXTENDED WARRANTY COVERAGE TO FIVE (5) YEARS/2,000 HOURS MAXIMUM – WHICHEVER COMES FIRST (SEE CUMMINS ENGINE MANUAL FOR COVERAGE DETAILS)

JOHN DEERE BASE WARRANTY TWO (2) YEARS/2,000 HOURS WITH JOHN DEERE EXTENDED WARRANTY COVERAGE TO FIVE (5) YEARS/3,000 HOURS MAXIMUM – WHICHEVER COMES FIRST

\$ 50,320.<sup>00</sup>  
Before Trade

Town Hall Roof Replacement	5/24/2012	asphalt shingles		asphalt shingles		standing seam metal		standing seam metal	
		Close price	Conservative	Close price	Conservative	Close price	Conservative	Close price	Conservative
Architectural Design Services		4,680	4,680			4,680	4,680		
Legal Review		400	500			400	500		
Roof (30 squares @ \$250/sq)		7,500							
Roof (30 squares @ \$300/sq)			9,000						
Roof (30 squares @ \$750/sq)						22,500			
Roof (30 squares @ \$1000/sq)									30,000
Contingency 10%		1,258				2,758			
Contingency 15%			2,127				5,277		
Total		\$ 13,838	\$ 16,307	\$		30,338	\$ 40,457		
Cupola - repair & paint		TBD	TBD	TBD		TBD	TBD		

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April 9, 2012

Mr. Raymond Purington - Administrative Assistant  
Town of Gill  
325 Main Road  
Gill MA 01354

- All need immediate attention  
(repairs or replacement)

(4) PSC = annual inspect  
≈ 5 yrs if lucky on  
membrane.  
≈ 25 years left on metal.

(1) TH = now

(2) RMB = 2014

(3) Gill Elem = theoretically due, but  
might last 5-10 yrs

(5) Lib = Annual inspection & repair slate  
+ chimney & window

## Evaluation of Roofs

### 1. Town Hall Photo TH-1

The Town Hall roof covering is single tab (no cutout) asphalt strip shingles. The age according to Town records is 34 years. These types of shingles in our climate have a life expectancy of about twenty years before deterioration begins to become apparent. Deterioration is usually manifested by the appearance of surface cracking, curling tabs or missing tabs. Photo TH-2 shows surface cracking and moss growth which increases the cracking problem. Photos TH-3 and TH-4 show missing tabs and an area where there are clearly holes through the roofing to the deck below. A repair could be made to this area to stop the potential water intrusion. It appears the likely source of the leak into the meeting room ceiling. There is no usable life expectancy to the existing roof. The cupola and porch roofs should be replaced at the same time. The cupola could be done with a fully adhered single ply membrane such as T.P.O. or EPDM rubber.

## Recommendations:

The Town Hall roof should be the number one priority for replacement. It is well past the life expectancy of the shingles and has active leaking. The cupola and porch roofs should be done at the same time as the main roof. Photos TH-4 and TH-5 show the need for repainting and caulking of the cupola siding and trim. The interior of the cupola shows some evidence of moisture intrusion, most likely from windblown rain around and through the louvers. When the reroofing is done it would be advisable to repair the cupola including caulking and painting. A metal pan type of sill flashing could be fabricated and installed in the louver openings so that windblown rain is directed to the outside rather than draining to the inside as it does now.

## Replacement/Maintenance

Roof area - Asphalt shingles: approx. 2,800 s.f. and 150 s.f. cupola membrane.  
Age: 34 years (1978)  
Replacement cost asphalt shingles: \$150-300/square.  
Replacement date: As soon as possible  
Alternative roof systems:



- and very popular in this area.
- b. EPDM membrane – adhesive seams. Economical rubber roof. (grey/black color not “cool” unless coated with white finish- a slightly more expensive option)  
Very flexible and heat resistant. Long history of use. Large sheet size minimizes seams.
  - c. SBS modified bitumen – asphalt adhesive seams or torched (APP), self healing UV resistant. Economical roofing system. Less tolerant of ponding water than rubber roofing.
  - d. Metal – Low slope standing seam. Requires adding framing to build slope in roof. Moderately expensive roofing material.

#### Recommendations:

Maintain both roofs until failures are evident and serious or start to show up more frequently. Contract for annual inspections to be performed by a competent roofing contractor. Find and fix the leak at the rear of the building. This roof might be the fourth priority for replacement.

### 3. Slate Library

The Slate Library is roofed with slate shingles which, according to Town records are the original roofing materials. The roof seems to be in good shape except for a broken slate (photo no. SL-1) and a loose slate (photo no. SL-2) Slate is a very durable roofing material and should be expected to last 100 -150 years. Sometimes individual slates can be damaged from the impact of falling tree limbs, ice and snow, walking on the roof or thermal effects on flaws in the material. Replacing individual slates as they are needed is often the only maintenance that needs to be done. Over a long period the copper slate nails may become corroded and fail. A number of slates would start to slip down the roof. Individual slates may be reinstalled or replaced by using slate hooks but if the fasteners are corroded over the entire roof then stripping the roof and reinstalling is the only option.

The chimney seems to have some problems. The flashing is loose and should be refastened. It appears that the upper portion of the chimney was rebuilt. The mortar joints below the repair are bad and need repointing. This problem may be occurring and recurring because there is no through-wall flashing to direct the path of moisture drainage to the outside face of the chimney. A future chimney rebuilding project might include installing through-wall flashing.

Another item of concern is the deteriorating window sill above the basement entry roof. This should be replaced and a flashing system installed to prevent moisture from getting into the sill and surrounding framing. The basement entry roof is asphalt and should be reroofed with the window repair and flashing installation.

## Replacement/Maintenance

Roof area - Slate 1586 s.f. - Asphalt shingles 50s.f.

Age 91 years (slate)

Replacement cost slate 1,000 - 1,500 per square

Replacement date 2021-2071

Alternative roof systems:

- e. Asphalt Shingles -Least expensive, less attractive and less historically appropriate.
- f. Metal - Standing Seam - more expensive and more durable than asphalt shingles but less attractive than slate and less historically appropriate.

## Recommendations:

Repair the loose and missing slate tiles. Fasten the chimney flashing and repair the window above the basement entry roof. The chimney should be repointed and possibly rebuilt at the top with a proper through-wall flashing system.

Inspect the roof once a year for damaged slate or flashing.

This roof would be the fifth priority for replacement.

## 4. Gill Elementary School - Photo GS-1

The School is roofed in 3 tab asphalt shingles. According to Town records, the original part of the school was reroofed in 1994 and the addition roof dates back to 1986. The life expectancy is about 20 years for asphalt shingles which means the original building would be due for replacement in 2014 and the addition is overdue by 6 years. Photo GS-2 shows the metal expansion joint between the addition and the original school building. It is hard to notice much difference between the shingles other than there is more moss or lichen growing on the older roof. Photo #GS-3 shows the damage the plant growth does to the mineral surface of the shingles. The roots loosen the aggregate as you can see from the difference in color on the shingle tab. In general the shingles seem to be in fairly good condition. There are some missing ridge cap shingles that have blown off of the ridge vent and need replacing. (See photo #GS-4). There are a few shingles here and there that have blown off or are loose especially at the sides of the dormers. All of the flashings seem to be in good shape. According to the custodian Bob Flaherty, there have been no leaks this year. Apparently leaks have occurred when there have been ice dams at the eaves in past years.

## Recommendations:

This roof might be the third priority for replacement.

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## Replacement/Maintenance

Roof area - Asphalt shingles

Age: 33 years (1979)

Replacement cost asphalt shingles: \$150-300/square

Replacement date: 2014 - see comments on condition

## Alternative roof systems:

Standing seam metal - An attractive durable option. Snow guards would be an important feature to include due to the tendency for sliding snow on metal roofs.

Cost: \$650-1000/square

## Summary:

1. The Town Hall roof needs replacement as soon as possible.
2. The Riverside Municipal Building needs immediate repairs to the eaves shingles and will need a new roof very soon.
3. The Gill Elementary School needs some immediate repairs.
4. The Slate Library needs some immediate repairs
5. The Safety Complex needs annual inspections and immediate attention to the leak at the Fire Station roof

It would be in the interest of the Town to have a consultant prepare specifications and bidding documents for the roofs which require replacement or extensive repairs. Part of the process would include selecting the appropriate replacement materials or perhaps a range of options and providing cost estimates for the options.

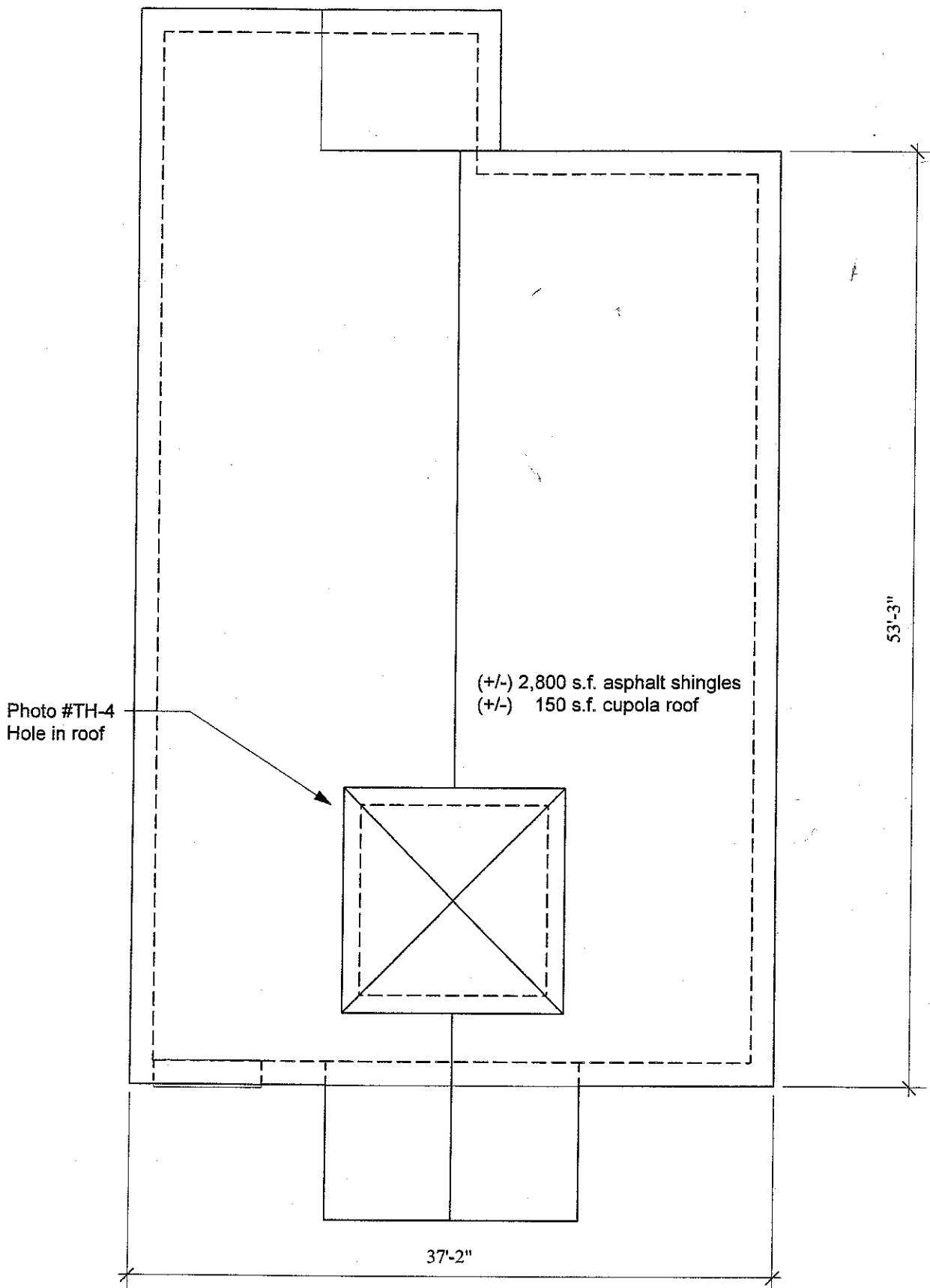
## Engineering evaluation for solar panel installation:

The Town should budget \$2,500 for the structural evaluation of each building being considered for the installation of solar panels.

We hope this discussion is helpful to the Board in making decisions about capital plans for improvements to the roofs of the Town owned buildings. We will be glad to discuss the report with the Board or designated personnel at any time.

Sincerely,

Brian De Vriese AIA



# 1 Town Hall Roof Plan

scale: 1/8"=1'-0"

**JABLONSKI  
DEVRIESE**  
Architects

## FY 13 Highway Products

24-May-12

	Low Bid	Bidder	FY12 Price	% increase
Hardpack	\$7.25/ton picked up	Mitchell Excavating	\$7.00	3.6%
Hot Mix Asphalt	66.90/ton applied in place	Lane Construction	\$63.05	6.1%
Hot Mix Asphalt	\$72.00/ton picked up	Lane Construction	\$69.00	4.3%
3/4" processed gravel	\$11.50/cu yd picked up	Mitchell Excavating	\$11.50	0.0%
Liquid asphalt	\$3.34/gal delivered in place	All States Asphalt	\$3.28	1.8%