



**Town of Waterboro**

**CIP 2013-2018**



Town of Waterboro CIP 2013-2018

# Municipal Facilities & Planning

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	TARGET YEAR	CAPITAL COST
Prepared by Road Commissioner & the Town Administrator	FY 2013 – 2014	\$29,654.00
Reviewed by _____ Town Administrator	FY 2014 – 2015	\$ _____
Reviewed by _____ Board of Selectmen	FY 2015– 2016	\$ _____
Reviewed by _____ Finance Committee	FY 2016– 2017	\$ _____
	FY 2017 – 2018	\$ _____

**PROJECT DESCRIPTION**

This municipal facilities project seeks to pave six (6) high priority areas in various states of disrepair and/or new access improvements. These areas are the Town Office parking lot, walks, a new road into the parking lot, community center end parking lot, additional walkways and the old basketball court area. This work would be performed during either the spring or summer of 2013.

**TYPE OF PROJECT**

This is a capital refurbishment/improvement project of paved municipal areas.

**PROJECT JUSTIFICATION**

Firstly, this project is a consolidation of priority areas that will result in cost savings by grouping and the supervision of the Road Commissioner. Secondly, these public areas get a significant amount activity of and reflect our Town pride in facilities.

## **URGENCY**

Shimming and overlay these key parking lots, access ways and basketball courts will add to the life expectancy and prevent further municipal pavement breakdown.

## **IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Further deterioration of paved municipal assets and escalating costs for paving improvements.

## **CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

Consolidation of paving jobs results in best return on public investment.

## **FUNDING SOURCES**

Taxation

## **ADDITIONAL SUPPORTIVE DOCUMENTATION**

Please see cost research by the Road Commissioner and Dayton Sand & Gravel Co., Inc (dated: Tuesday, October 2, 2012)



# QUOTE

Dayton Sand & Gravel Co., Inc.  
 928 Goodwins Mills Road  
 Dayton, Maine 04005-7362  
 Phone (207) 499-2306  
 Maine WATTS: (800) 338-2700  
 Fax (207) 499-7102  
 e-mail: fjohnston@daytonsand.com

### PROJECT INFORMATION

Project ID: **Several Areas**  
 Project Location: **Town Office Parking Lot - Walks**  
**Community Center End - Parking Lot+Walks**  
 Expected Start Date **Old Basketball Courts**

Date: **Tuesday, October 2, 2012**

### CUSTOMER INFORMATION

Name: **Town of Waterboro**  
 Address: **24 Townhouse Road**  
**E Waterboro, Maine 04030**

Contact: **DOUG, SR** Doug's fax 247-6910  
 Telephone: **207-247-6166 town hall**  
 Fax: **207-247-3013 town hall**  
 Cell Phone: **205-3757**

### DESCRIPTION OF PROJECT:

**To Be Done Spring Or Summer Of 2013**

<b>Town Office - Parking Lot</b>	
Overlay, 1" of asphalt.....	2071 sq. yds. and two (2) catch basins covers.
Total.....	\$12,320.00
<b>Walks</b>	
Overlay, 1" of asphalt.....	205 sq. yds.
Total.....	\$1,530.00
<b>New Road Into Parking Lot</b>	
Fine grade and pave, 2" B-Mix, 1" C-Mix.....	279 sq. yds.
Total.....	\$3,336.00
<b>Community Center End - Parking Lot</b>	
Shim and overlay, 1" of asphalt.....	663 sq. yds.
Total.....	\$3,905.00
<b>Walks</b>	
Overlay, 1" of asphalt.....	70 sq. yds.
Total.....	\$540.00
<b>Old Basketball Courts</b>	
Shim and overlay, 1" of asphalt.....	1365 sq. yds.
Total.....	\$8,023.00

Any asphalt curb will be at \$7.50 per linear feet. **No Gravel.**  
 Any trench patch will be at \$150.00 per ton. **Any curb chink will be at \$150.00 per ton.**  
 PAYMENT TERMS: NET 30 DAYS WITH APPROVED CREDIT

Dayton Sand & Gravel Co., Inc. guarantees the workmanship and quality of materials used in this project for a period of one year.  
 Dayton Sand & Gravel Co., Inc. will charge extra over and above the quoted sum for additional materials and additional labor not outlined in this agreement.  
 A finance charge of 1 1/2% per month will be charged on all accounts over 30 days until paid. This amounts to 18% per year annualized.  
 Additionally, if necessary to file suit on this account, legal fees will be the customer's responsibility.  
 Disputes arising from this agreement will be settled according to Maine Law.  
**ALL NECESSARY PERMITS MUST BE PURCHASED AND OBTAINED BY OWNER PRIOR TO START OF PROJECT.**

**ACCEPTANCE TOTAL TO DO ALL \$29654.00**

The foregoing terms, specifications and conditions are satisfactory and they are hereby accepted and agreed to, pending credit approval.

### CUSTOMER

DAYTON SAND & GRAVEL CO., INC

Signature: \_\_\_\_\_

Signature: *Dana Robinson*

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_

Paving Manager

Date: *10-02-2012*

Dana Robinson

Please sign one copy and return to the above address. This proposal may be withdrawn by us if not signed within 30 days

Please Note: Price per ton of Asphalt is subject to availability and cost. Prices quoted on this agreement are for the 2012 season only  
 Dayton Sand & Gravel Co., Inc. reserves the right to renegotiate prices if proposal is not signed within the 30 day limit.

page 1 of 2

*DOUG*

# Dayton Sand & Gravel

## Asphalt Escalator

This escalator is based on the MDOT asphalt escalator. The price of asphalt is monitored weekly by MDOT. The agency supplying the information to MDOT is the Asphalt Weekly Monitor. Access to this information can be obtained from MDOT Website, go to "doing business" and click on "contractor info".

The price adjustment for Asphalt Binder will be based on the variance in cost for the performance graded binder component in hot mix asphalt and will be determined as follows:

The quantity of hot mix asphalt will be multiplied by the performance graded (read asphalt cement) percentages given in the table below times the difference in price between the base price at the time of the bid/estimate and the period price when the hot mix asphalt is placed. Adjustments will be made upward or downward as prices increase or decrease.

19.0 mm (3/4")	5.2 %
12.5 mm (1/2")	5.8 %
9.5 mm (3/8")	6.2 %

Example: Asphalt binder has increased from \$550.00 per ton to \$610.00 per ton (\$60.00 per ton increase) and you are placing 1000 tons of 9.5 mm HMA.

$1000 \times 6.2 \% = 62.00$   
 $60.00 \times 62.00 = \$3720.00$  total escalation cost or \$3.72 per ton.

The base and period price of performance graded binder to be used is the price per standard ton current with the bid opening date, or contract acceptance date. This price is determined by using the average, New England Selling Price, as listed in the Asphalt Weekly Monitor.

Dayton Sand & Gravel reserves the right to recover certain trucking / transportation costs where extreme or volatile market conditions exist.

Liquid Asphalt Price..... \$1602<sup>50</sup> Week of Oct 02, 2012

Town Water Boro - Parking lot + walks - Town Office, Community Gr, <sup>old</sup> Basketball Courts

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
Prepared by Mike DeAngelis	FY 2013 – 2014	\$24,550
Reviewed by _____ Town Administrator	FY 2014 – 2015	\$ _____
Reviewed by _____ Board of Selectmen	FY 2015 – 2016	\$ _____
Reviewed by _____ Finance Committee	FY 2016 – 2017	\$ _____
	FY 2017 – 2018	\$ _____

**PROJECT DESCRIPTION**

Replacing the grandstand at Friendship Park in center field. Following destruction and removal, the existing outfield fence will also be removed, backed up ten feet and replaced with chain link. Grandstand will be rebuilt not in its current spot but closer to center field area where the ground is level. This will allow for better viewing and provide for easier community opportunities such as live bands playing and movie nights in summer.

**TYPE OF PROJECT**

Destruction, removal, building construction

**PROJECT  
JUSTIFICATION**

Existing structure is unsafe and will need to be torn down prior to the start of

baseball season in 2013. Little League field dimensions require outfield fences to be 210 feet from home plate.

#### **URGENCY**

Destruction is fairly urgent due to potential safety issues.

#### **IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

The current grandstand is becoming an eye-sore and if simply taken down and hauled away, the field loses some of its charm. Plus, the opportunity for better use of a new grandstand is important.

#### **CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

A new structure will bring about a firmer sense of community. Visiting organizations that come to Waterboro for baseball always comment on how wonderful the field is and the location. A shaded seating area in center field is excellent for viewing the games and would also allow us to hang a movie screen up so we could have "movie night" and also allow for bands to play from it. Current grandstand has power, new one will as well. Existing electric box is located safely inside shed closer to road.



## **FUNDING SOURCES**

Local contractors have shown verbal support for the project; going so far as to say that "if you buy the material, we will build it." This includes electrical contractors as well as carpenters.

## **ADDITIONAL SUPPORTIVE DOCUMENTATION**



<b>CAPITAL IMPROVEMENTS PLAN</b>		<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
<b>FISCAL YEARS: 2013 – 2018</b>			
Prepared by	Pete Cote	FY 2013 – 2014	\$ 62,900.00
Reviewed by	_____	FY 2014 – 2015	\$ _____
	Town Administrator	FY 2015– 2016	\$ _____
Reviewed by	_____	FY 2016– 2017	\$ _____
	Board of Selectmen	FY 2017 – 2018	\$ _____
Reviewed by	_____		
	Finance Committee		

**PROJECT DESCRIPTION**

This capital improvement project is for analysis and complete retrofitting of LED lighting in all of Town Hall, the Transfer Station and the Town Library. The project is inclusive of all materials and labor for all LED lighting systems, as well as the installation of one (1) carriage lantern at Library entrance door, 3 paddle fans and two (2) LED lighting fixtures atop twenty (20) foot poles.

**TYPE OF PROJECT**

This project is for all new energy efficient lighting systems and is consistent with the Town’s Energy audit report prepared in April 19, 2011.

**PROJECT JUSTIFICATION**

LED light bulbs will eventually replace incandescent bulbs and CFLs. After the initial “sticker shock” of LED bulbs, a life span and efficiency comparison justifies the capital investment. Here are some of the comparative facts:

- The projected lifespan of a LED light bulb is 50,000 hours vs. a maximum of 1200 hours for incandescent bulbs vs. about 10,000 hours for CFLs.

- The KWH of electricity used over 50,000 hours is about 300 for LEDs, 700 for CFLs and 3000 for incandescent bulbs.
- The number of bulbs needed for 50K hours of use is one (1) for LED, five (5) CFLs
- Approximate cost in 2012 dollars for 50K hours with each lighting source is: \$95.95 for LED; \$160. for CFLs; and \$652.50 for incandescents.

#### **URGENCY**

This project has a moderate urgency, but the Town's lighting systems need a major overhaul, particularly in terms of energy efficiency.

#### **IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Energy savings are lost each year this project is not implemented. A logical approach may be to consider phasing in lighting in several municipal facilities

#### **CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

Capital project cost and return on public investment is clearly shown in long-term savings reflected in the justification.

#### **FUNDING SOURCES**

Taxation with an attentive eye towards energy efficiency monies in the next Federal State/ fiscal year.

#### **ADDITIONAL SUPPORTIVE DOCUMENTATION**

See attached proposal/estimate from ML Electric of Arundel, Maine



Town of Waterboro CIP 2013-2018

# Information Technology

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	TARGET YEAR	CAPITAL COST
Prepared by <u>David Lowe</u>	FY 2013 – 2014	\$ <u>11,450.00</u>
Reviewed by <u>Town Administrator</u>	FY 2014 – 2015	\$ _____
Reviewed by <u>Board of Selectmen</u>	FY 2015– 2016	\$ _____
Reviewed by _____	FY 2016– 2017	\$ _____
<u>Finance Committee</u>	FY 2017 – 2018	\$ _____

**PROJECT DESCRIPTION**

**INSTALLATION OF ELECTRONIC MESSAGE CENTER AT 24 TOWNHOUSE ROAD**

Purchase and installation of a programmable, double-sided, LED sign to replace the old-style announcement board located outside of Waterboro Town Hall on Townhouse Road. This includes software and wireless controller for purposes of programming the schedule and cycle of multiple announcements.

**TYPE OF PROJECT**

The project is largely a communications enhancement to serve information both to Town Hall visitors as well as passers-by. Sign would be installed and hooked up to existing electrical circuit and wiring by a licensed contractor who is a certified sales partner with the sign manufacturing company. Contractor would also ensure wireless connectivity for programming and would provide initial training on utilizing programming software.

**PROJECT JUSTIFICATION**

First and foremost, we are extremely limited on the amount of information that can be placed on the current board. Details of events must be truncated and if we list more than a single event, it is necessary to remove the website address from the sign and that is a vital link to the community. We often find citizens coming to Town Hall on Mondays or off-hours, or looking for certain meetings – often wandering around without anyone to assist them. Programming cycled on the sign would provide guidance to these individuals as well as

provide information about other upcoming events which they may be interested in attending. We are often questioned as to why certain events are not posted on the current board. The answer is that it simply is not practical to try and fit everything on the sign. If we were to try and meet everyone's needs, someone would need to be changing out the letters several times per day and could easily spend many hours per week doing just that. It is a time-consuming and inconvenient process to put up more than just general, long-lasting notice (such as the website address) and occasional changes for important meetings. We would like to provide more information to the public and meet the needs of multiple boards and committees with respect to notice via the message board, however, until there is a programmable means of doing this, what you see is what you get. Additionally, during the winter months, the existing message board gets changed very little due to buildup of ice and snow. The plastic letters become brittle and crack or break completely, and it's often hard to find a volunteer willing to wade through 3' of snow in 10 degree weather with a stiff wind blowing.

### **URGENCY**

As stated herein and often repeated by Town officials, the Town is looking at every means possible to be more efficient and effective with communications and providing direction to its citizens. A highly functional message board has particularly importance in the event of pending or existing emergencies, natural disasters, severe weather, and other such events. An electronic message board would play a vital role in total communications efficiency as software can be remotely programmed to display the most current and accurate information. The remote access feature would also be very useful in displaying last-minute cancellation of meetings and events to those who show up when they do not otherwise get the message. The ability to program the sign wirelessly and remotely allows messages to change and display automatically based on date and time, and means that regardless of the weather, the sign will be kept updated with the latest communications and information.

### **IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

If the existing sign is the only means of communicating messages to visitors, passers-by, and those coming to Town Hall for assistance during emergency situations, we are missing a great opportunity to serve the public at very little expense. Example: during a developing emergency event, a remote message could be instantly displayed **EVEN WHEN NO ONE IS YET AT THE TOWN HALL** and could advise distressed residents where to find assistance or whether they should stand by as, for example, "Town Hall will open for shelter at 3 PM". Many residents, board and/or committee members know the feeling of showing up for a meeting that has been cancelled. For one reason or another, they never got that message. Upon arriving at Town Hall, **NO ONE IS THERE**, but the sign still says there is meeting, or more likely, doesn't say anything at all that will help them. Within these examples are the most obvious implications if not funded or completed. It boils down to better communication and serving the public to the highest level possible.... Or not.

**CAPITAL COSTS &  
RETURN ON PUBLIC  
INVESTMENT**

Estimated cost of a high-quality, two-sided, 7' 4.5" x 11", Electronic Message Center produced by Adaptive Display, including AlphaNet digital messaging software is \$9,950, with addition of the wireless option at \$500, plus \$1,000 installation, setup, and training fee with services to be provided by a Maine company, **Northern Signs of Waterville. Total estimate: \$11,450.**

"Return on Investment" comes with the value associated with the benefits that increased communications will have for citizens of the Town of Waterboro, both in disseminating general information and in providing emergency communications and direction during critical events.

**FUNDING SOURCES**

Taxation.

**ADDITIONAL  
SUPPORTIVE  
DOCUMENTATION**

See attached documentation.

# Proposal



**DESIGN • FABRICATION • INSTALLATION • MAINTENANCE**

P.O. BOX 1475 Waterville, Maine 04903

PHONE (207) 465-2399

FAX (207) 465-8284

**northersigns@adelphia.net**

PROPOSAL SUBMITTED TO <b>TOWN OF WATERBORO</b>	PHONE	DATE <b>10/4/12</b>
STREET	JOB NAME	
CITY, STATE & ZIP <b>WATERBORO, ME</b>	JOB LOCATION	

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

1-11.5"x7'4.5" ADAPTIVE 17MM "STREETSMART" DOUBLE FACE \$9950.00  
ELECTRONIC MESSAGE CENTER

\*NOTE: ADD \$500.00 FOR WIRELESS COMMUNICATION

LABOR: INSTALLATION, SETUP, TRAINING \$1,000.00

**We Propose** HEREBY TO FURNISH MATERIAL AND LABOR-COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS FOR THE SUM OF:  
**ELEVEN THOUSAND, FOUR HUNDRED AND FIFTY** \_\_\_\_\_ dollars (\$ **11,450.00** )

PAYMENT TO BE MADE AS FOLLOWS: **50% DOWN- 50% UPON COMPLETION**  
**ELECTRICAL NOT INCLUDED UNLESS OTHERWISE SPECIFIED**  
**CUSTOMER RESPONSIBLE FOR ALL PERMITS AND FEES**  
**COST SUBJECT TO CHANGE, DUE TO ABNORMAL CONDITIONS (DIGGING, ETC.)**

All products carry a one (1) year parts and labor warranty.  
Owner to carry fire and any other necessary insurance.  
All signs are the property of **NORTHERN SIGNS, INC.**  
All paid for in full. **NORTHERN SIGNS, INC.** reserves  
the right to remove said property if payment is not made  
in full.

Authorized  
Signature \_\_\_\_\_

Note: This proposal may be  
withdrawn by us if not accepted within **30** \_\_\_\_\_ days

**Acceptance of Proposal-** The above prices, specifications  
and conditions are satisfactory and are hereby accepted. You are  
authorized to do the work as specified.  
Payment will be made as outlined above.

Signature \_\_\_\_\_

Date of acceptance \_\_\_\_\_

CLOSE X  
Loading Image...



US Manufacturer of Indoor and Outdoor ALPHA LED Display Signs for Over 30 Years

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  - Gallery
  - About Us
  - Dealers

1-800-558-4187

Home >> Why Adaptive?

## Why Adaptive?

### Three decades of building business with LED Displays and Electronic Message Centers

You might already be familiar with the [great things an LED display can do](#) for your business or organization — bring in sales increases of 15% to 150%, grow public visibility, streamline your advertising budget — and now you're ready to start shopping.

Today, the LED display market is inundated with offshore manufacturers selling cheap message centers that look good on paper, but leave you high and dry when it comes to servicing or supporting their units.

**Adaptive offers value beyond price.** Not only have we been based in Milwaukee, Wisconsin since 1978, we have produced hundreds of thousands of LED displays from small cash register displays, to mid-sized retail electronic signage, to super-sized digital billboards.

We sell our [electronic message centers](#) only through a carefully selected and trained network of Authorized Sales Partners stationed throughout North America, ensuring the fastest and most efficient support and service to our end users.

And our LED displays are a real value; the price you pay for our products includes a comprehensive 5-Year Peace of Mind Warranty, a patented sealed case design, and the most energy-efficient electronics you'll find anywhere.

So whether you're a sign company looking to add LED displays to your product offerings, or an end user seeking an indoor or outdoor [store sign](#), [restaurant sign](#), [school sign](#), or [church sign](#), we invite you to consider an American-built LED display from Adaptive.



Why Choose Adaptive LED Displays?

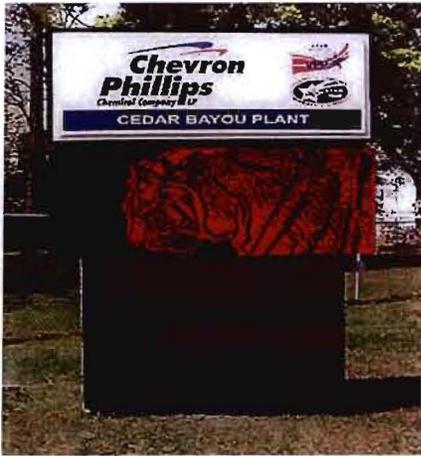


Why Become an Adaptive Sales Partner?

7840 N. 86TH STREET MILWAUKEE, WI | TELEPHONE: 800-558- | © 2011 ADAPTIVE MICRO  
53224 USA | 4187 | SYSTEMS  
[Contact Us](#) | [Site Map](#) | [Terms of Use](#) | [Become an Authorized Sales Partner](#)

ALL RIGHTS RESERVED

17mm Monochrome LED Displays



Model: StreetSmart® 17mm

StreetSmart LED displays deliver the power of highly visible outdoor advertising to businesses and organizations of any size

5" to 22" letters and high display resolution make the 17mm LED display ideal for monument signs, tower pylons, and slower city traffic volumes

Get your message out with StreetSmart LED signs in brilliant red or amber, featuring 256-shades/grayscaling for attention-grabbing graphics

LED message centers are a **proven method** of capturing the public eye and bringing more drive-by customers

Designed to deliver **lasting value** rather than quick savings, Adaptive's LED digital signage solutions are also a dynamic addition to school signs and church signs

StreetSmart® 17mm Specifications

Depth	Options	Case Dimensions	Clearance Height	4" Characters Per Line	Max Current (Amps)	Weight
16	96	11" x 56"	3" - 11"	16/2	2.76	69.3 lbs.
16	128	11" x 74"	3" - 11"	21/2	3.69	93.2 lbs.
16	160	11" x 92"	3" - 11"	26/2	4.61	109 lbs.
16	192	11" x 110"	3" - 11"	32/2	5.53	124.7 lbs.
32	96	1'0" x 56"	3" - 22"	16/4	5.53	91.7 lbs.
32	128	1'0" x 74"	3" - 22"	21/4	7.37	110.5 lbs.
32	160	1'0" x 92"	3" - 22"	26/4	9.22	140 lbs.
32	192	1'0" x 110"	3" - 22"	32/4	11.06	158.7 lbs.
48	96	2'9" x 56"	3" - 21"	16/6	8.29	137.9 lbs.
48	128	2'9" x 74"	3" - 21"	21/6	11.06	173.2 lbs.
48	160	2'9" x 92"	3" - 21"	26/6	13.82	211.1 lbs.
48	192	2'9" x 110"	3" - 21"	32/6	16.59	238.2 lbs.
64	96	3'8" x 56"	3" - 21"	16/8	11.06	164.1 lbs.
64	128	3'8" x 74"	3" - 21"	21/8	14.75	194.5 lbs.
64	160	3'8" x 92"	3" - 21"	26/8	18.43	246 lbs.
64	192	3'8" x 110"	3" - 21"	32/8	22.12	498 lbs.
80	96	4'7" x 56"	3" - 21"	16/10	13.82	201.8 lbs.
80	128	4'7" x 74"	3" - 21"	21/10	18.43	248.6 lbs.
80	160	4'7" x 92"	3" - 21"	26/10	23.04	513 lbs.
80	192	4'7" x 110"	3" - 21"	32/10	27.65	586 lbs.
96	256	5'6" x 148"	3" - 21"	42/12	17/230V	1017 lbs.

<b>Pixel (LED) Color</b>	Red or amber, 256 shades (grayscale)
<b>Pixel Pitch</b>	17.5mm / .70", single LED
<b>Pixel Luminance</b>	Viewable in direct sunlight
<b>Viewability</b>	Viewable in direct sunlight
<b>Character Set</b>	International Character Set, Block (sans serif), decorative (serif), upper/lower case, slim, wide, double wide, and shadow
<b>Message Capacity</b>	95 different messages can be stored and scheduled to be displayed according to time and date.
<b>Message Presentation</b>	<ul style="list-style-type: none"> <li>• 27 unique presentation styles</li> <li>• Automatic centering in any mode</li> <li>• User programmable logos and graphics</li> <li>• Programmable hold times up to 6 minutes</li> <li>• Calendar scheduling</li> </ul>
<b>User Animations</b>	BMP and GIF file formats
<b>Temperature Accuracy</b>	±1°F Typical (optional temperature probe)
<b>Clock/Date</b>	Time in 12/24-hour formats, date in multiple formats
<b>Battery</b>	Lithium battery for time/date/message retention during power interruptions for at least 1 year
<b>Communication Interface</b>	Standard RS232 or RS485 Options: On site wireless, telephone or fiber optic modem – factory tested, configured and installed inside the AlphaEclipse case.

<b>Special Features</b>	<ul style="list-style-type: none"> <li>• Adaptive's exclusive Protector™ sealed enclosure design locks out external contamination and eliminates filter maintenance.</li> <li>• Industry standard 64MB compact flash memory for message storage</li> <li>• Comprehensive remote diagnostic program</li> <li>• External temperature probe (optional)</li> <li>• Internal AC power switch for servicing</li> <li>• Light colored case, designed to limit solar heat rise internally</li> <li>• Automatic thermal protection</li> <li>• Auto night time dimming (8 levels)</li> </ul>
<b>Communications</b>	Alpha® Communication Protocol
<b>Power</b>	115/230 VAC ± 10% - 50/60 Hz single phase
<b>Case Material</b>	UL50 Type 3R, IP44 aluminum cabinet
<b>Warranty</b>	5-Year Peace of Mind Warranty
<b>Agency Approvals</b>	FCC Part 15, Class A, ANSI/UL 60950, CAN/CSA C22.2 60950-1-03 C-ETL-US listing mark
<b>Operating Temperature</b>	-40° to 122° F / -40° to 50° C
<b>Mounting</b>	Steel mounting angle, design facilitates welding, bolting, or riveting techniques.

<b>Module/Case Dimensions</b>	<ul style="list-style-type: none"> <li>• Front access to all components</li> <li>• Cantilever hinged door for ease of service</li> <li>• 10" deep including steel mounting brackets</li> </ul> <p>*NOTE Many more sizes available to 57" x 15" – consult your Adaptive dealer</p>
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Town of Waterboro CIP 2013-2018

# Highways & Public Works

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
Prepared by Doug Foglio, Road Comm. _____	<b>FY 2013 – 2014</b>	<b>\$330,000.00</b> _____
Reviewed by _____ Town Administrator	<b>FY 2014 – 2015</b>	<b>\$220,000.00</b> _____
Reviewed by _____ Board of Selectmen	<b>FY 2015– 2016</b>	<b>\$195,000.00</b> _____
Reviewed by _____	<b>FY 2016– 2017</b>	<b>\$</b> _____
Finance Committee	<b>FY 2017 – 2018</b>	<b>\$</b> _____

**PROJECT DESCRIPTION**

Ditching Roads - \$60,000.00

**TYPE OF PROJECT**

Catch up of general and preventive maintenance of town road system.

**PROJECT  
JUSTIFICATION**

Prevent deterioration of existing roadways. The costs of erosion compared to the costs of erosion control will save Waterboro money in the long run.

**URGENCY**

This project is crucial to begin immediately as maintenance that should have been performed annually has not been completed due to budgetary constraints. As a result, road repair is becoming more expensive. The sooner the project is completed, the less expensive it will be to the town in the future.

**IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Safety and crisis management of road condition.

**CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

**FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account. Unspent department revenue should be carried over year to year for ditching.

**ADDITIONAL SUPPORTIVE DOCUMENTATION**

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
Prepared by Doug Foglio, Road Comm. _____	<b>FY 2013 – 2014</b>	<b>\$330,000.00</b> _____
Reviewed by _____ Town Administrator	<b>FY 2014 – 2015</b>	<b>\$</b> _____
Reviewed by _____ Board of Selectmen	<b>FY 2015 – 2016</b>	<b>\$</b> _____
Reviewed by _____	<b>FY 2016 – 2017</b>	<b>\$</b> _____
Finance Committee	<b>FY 2017 – 2018</b>	<b>\$</b> _____

**PROJECT DESCRIPTION**

Hamilton Road Bridge Job Replacement - \$100,000.00 (Estimate)

How should we handle this bridge replacement?

**TYPE OF PROJECT**

Bridge Replacement

**PROJECT  
JUSTIFICATION**

Severe Deterioration of Main Steel Beams and sidewall under pinning.

**URGENCY**

Urgent

**IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Road weight limits will have to be imposed or the road will have to be closed.

**CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

**FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account. Unspent department revenue should be carried over year to year for ditching.

**ADDITIONAL SUPPORTIVE DOCUMENTATION**

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
Prepared by Doug Foglio, Road Comm. _____	<b>FY 2013 – 2014</b>	<b>\$330,000.00</b> _____
Reviewed by _____ Town Administrator	<b>FY 2014 – 2015</b>	<b>\$</b> _____
Reviewed by _____ Board of Selectmen	<b>FY 2015 – 2016</b>	<b>\$</b> _____
Reviewed by _____ Finance Committee	<b>FY 2016 – 2017</b>	<b>\$</b> _____
	<b>FY 2017 – 2018</b>	<b>\$</b> _____

**PROJECT DESCRIPTION**

Blueberry Road – Phase II - \$50,000.00

**TYPE OF PROJECT**

Reconstruction

**PROJECT JUSTIFICATION**

Deterioration of existing roadways. The costs of erosion control compared to the costs of erosion control will save Waterboro money in the long run.

**URGENCY**

Urgent

**IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Safety and crisis management of road condition.

**CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

**FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account.  
Unspent department revenue should be carried over year to year for ditching.

**ADDITIONAL SUPPORTIVE DOCUMENTATION**

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
Prepared by Doug Foglio, Road Comm. _____	<b>FY 2013 – 2014</b>	<b>\$330,000.00</b> _____
Reviewed by _____ Town Administrator	<b>FY 2014 – 2015</b>	<b>\$</b> _____
Reviewed by _____ Board of Selectmen	<b>FY 2015 – 2016</b>	<b>\$</b> _____
Reviewed by _____ Finance Committee	<b>FY 2016 – 2017</b>	<b>\$</b> _____
	<b>FY 2017 – 2018</b>	<b>\$</b> _____

**PROJECT DESCRIPTION**

Deering Ridge Road - \$120,000.00

**TYPE OF PROJECT**

Partial Reconstruction, Ditching and Under drain

**PROJECT JUSTIFICATION**

Deterioration of existing roadways. The costs of erosion compared to the costs of erosion control will save Waterboro money in the long run.

**URGENCY**

Urgent

**IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Safety and crisis management of road condition.

**CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

**FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account. Unspent department revenue should be carried over year to year for ditching.

**ADDITIONAL SUPPORTIVE DOCUMENTATION**

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
Prepared by Doug Foglio, Road Comm. _____	FY 2013 – 2014	\$330,000.00 _____
Reviewed by _____ Town Administrator	FY 2014 – 2015	\$220,000.00 _____
Reviewed by _____ Board of Selectmen	FY 2015 – 2016	\$ _____
Reviewed by _____	FY 2016 – 2017	\$ _____
Finance Committee	FY 2017 – 2018	\$ _____

**PROJECT DESCRIPTION**

Straw Mill Brook Road - \$120,000.00  
Grind, Gravel, Ditching and Tree Removal

**TYPE OF PROJECT**

Partial Reconstruction

**PROJECT  
JUSTIFICATION**

Complete deflection of road surface and underlying gravel deterioration.

**URGENCY**

Urgent

**IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Continued deterioration until the road becomes unsafe.

**CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

**FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account. Unspent department revenue should be carried over year to year for ditching.

**ADDITIONAL SUPPORTIVE DOCUMENTATION**

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	TARGET YEAR	CAPITAL COST
Prepared by Doug Foglio, Road Comm. _____	FY 2013 – 2014	\$330,000.00 _____
Reviewed by _____ Town Administrator	FY 2014 – 2015	\$220,000.00 _____
Reviewed by _____ Board of Selectmen	FY 2015 – 2016	\$ _____
Reviewed by _____	FY 2016 – 2017	\$ _____
Finance Committee	FY 2017 – 2018	\$ _____

**PROJECT DESCRIPTION**

Ditching Roads - \$60,000.00

**TYPE OF PROJECT**

Catch up of general and preventive maintenance of town road system.

**PROJECT JUSTIFICATION**

Prevent deterioration of existing roadways. The costs of erosion compared to the costs of erosion control will save Waterboro money in the long run.

## **URGENCY**

This project is crucial to begin immediately as maintenance that should have been performed annually has not been completed due to budgetary constraints. As a result, road repair is becoming more expensive. The sooner the project is completed, the less expensive it will be to the town in the future.

## **IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Safety and crisis management of road condition.

## **CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

## **FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account. Unspent department revenue should be carried over year to year for ditching.

## **ADDITIONAL SUPPORTIVE DOCUMENTATION**

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
Prepared by Doug Foglio, Road Comm. _____	FY 2013 – 2014	\$330,000.00 _____
Reviewed by _____ Town Administrator	FY 2014 – 2015	\$220,000.00 \$ _____
Reviewed by _____ Board of Selectmen	FY 2015 – 2016	\$ _____
Reviewed by _____ Finance Committee	FY 2016 – 2017	\$ _____
	FY 2017 – 2018	

**PROJECT DESCRIPTION**

Ossipee Hill Road - \$40,000.00

**TYPE OF PROJECT**

Under drain, Grind and Grade.  
Partial Reconstruction

**PROJECT  
JUSTIFICATION**

Severe Detioration of Pavement

**URGENCY**

**IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Safety and crisis management of road condition.

**CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

**FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account. Unspent department revenue should be carried over year to year for ditching.

**ADDITIONAL SUPPORTIVE DOCUMENTATION**

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<b>TARGET YEAR</b>	<b>CAPITAL COST</b>
Prepared by Doug Foglio, Road Comm. _____	FY 2013 – 2014	\$330,000.00 _____
Reviewed by _____ Town Administrator	FY 2014 – 2015	\$220,000.00 _____
Reviewed by _____ Board of Selectmen	FY 2015 – 2016	\$195,000.00 _____
Reviewed by _____	FY 2016 – 2017	\$ _____
Finance Committee	FY 2017 – 2018	\$ _____

**PROJECT DESCRIPTION**

Bagley Road - \$35,000.00

**TYPE OF PROJECT**

Partial Reconstruction, Re-grade and Remove Rocks, Under Drain (paved end)

**PROJECT JUSTIFICATION**

Road Base Deteriorating and the rough surface makes it difficult to maintain.

**URGENCY**

Urgent

**IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Continued Deterioration and impossible for winter maintenance.

**CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

**FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account. Unspent department revenue should be carried over year to year for ditching.

**ADDITIONAL SUPPORTIVE DOCUMENTATION**

**CAPITAL IMPROVEMENTS PLAN  
FISCAL YEARS: 2013 – 2018**

	<i>TARGET YEAR</i>	<i>CAPITAL COST</i>
Prepared by Doug Foglio, Road Comm.____	FY 2013 – 2014	\$330,000.00____
Reviewed by _____ Town Administrator	FY 2014 – 2015	\$220,000.00____
Reviewed by _____ Board of Selectmen	FY 2015– 2016	\$195,000.00____
Reviewed by _____	FY 2016– 2017	\$ _____
Finance Committee	FY 2017 – 2018	\$ _____

**PROJECT DESCRIPTION**

Ditching Roads - \$60,000.00

**TYPE OF PROJECT**

Catch up of general and preventive maintenance of town road system.

**PROJECT  
JUSTIFICATION**

Prevent deterioration of existing roadways. The costs of erosion compared to the costs of erosion control will save Waterboro money in the long run.

**URGENCY**

This project is crucial to begin immediately as maintenance that should have been performed annually has not been completed due to budgetary constraints. As a result, road repair is becoming more expensive. The sooner the project is completed, the less expensive it will be to the town in the future.

**IMPLICATIONS IF NOT FUNDED OR IF NOT COMPLETED**

Safety and crisis management of road condition.

**CAPITAL COSTS & RETURN ON PUBLIC INVESTMENT**

**FUNDING SOURCES**

Excise Taxes with future maintenance to be built into the ditching line item of roads account. Unspent department revenue should be carried over year to year for ditching.

**ADDITIONAL SUPPORTIVE DOCUMENTATION**