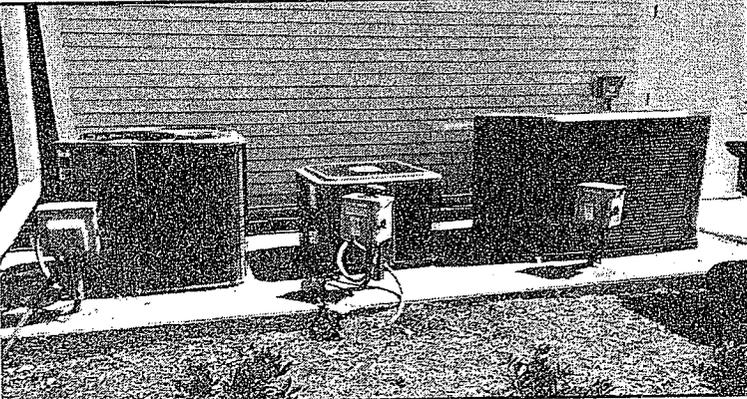


# DEPARTMENT HEAD PROPOSED 2016-2025 CAPITAL IMPROVEMENTS PROGRAM

Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Public Works- Buildings &amp; Grounds Division</b>										
Wagon Hill Erosion Mitigation Project	368,250									
Town Hall Air Handler Replacements	21,200									
Old Landing Park Improvements	86,475									
One-Half Ton Pickup Truck Replacement	18,020									
One Ton Dump Truck Replacement	42,890									
Town Office Generator		72,000								
Downtown Holiday Wreaths			17,000							
Purchase of Solar Panels at Town Facilities				130,500						
3/4 Ton Pickup Replacement							13,000			
<b>PW - BLDGS &amp; GRDS TOTALS</b>	<b>536,835</b>	<b>72,000</b>	<b>17,000</b>	<b>130,500</b>			<b>13,000</b>			

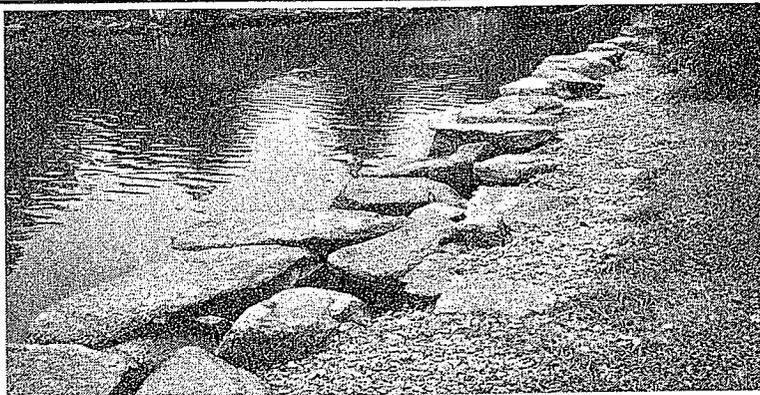
<b>PROJECT YEAR</b>	2016	<b>PROJECT COST</b>	\$368,250
<b>DESCRIPTION</b>	Wagon Hill Erosion Mitigation Project	<b>DEPARTMENT</b>	Public Works- Buildings and Grounds
<b>IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)</b>			
Administrator/Department Initiative			
<b>DESCRIPTION (TO INCLUDE JUSTIFICATION)</b>			
<p>The Town has the opportunity through the Eversource Seacoast Reliability Project to undertake an additional environmental mitigation project. The Public Works Department has chosen the Wagon Hill Farm erosion concern as its selected project. The project deals directly with the shoreline erosion problem that exists today and continues to worsen. The Eversource Mitigation Grant will reimburse the Town \$170,000 if awarded. The Department suggests utilizing the Lois E. Brown - Wagon Hill Farm Expendable Trust Fund consisting of \$115,350 as part of the funding. The remaining project cost, an approximate \$82,900 would be a contribution from the Town.</p> <p>This project will occur only after consultation with the Conservation, Land Stewardship and Parks and Recreation Committees and with the advice and consent of the Town Council.</p>			
<b>ESTIMATED COSTS:</b>	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	368,250
	CONTINGENCY	\$	-
	<b>TOTAL PROJECT COST</b>	\$	<b>368,250</b>
<b>FINANCING</b>	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	82,900
	UNH PORTION	\$	-
	EVERSOURCE GRANT	\$	170,000
	CAPITAL RESERVE ACCOUNT	\$	115,350
	<b>TOTAL FINANCING COSTS</b>	\$	<b>368,250</b>
<b>IF BONDED:</b>	NUMBER OF YEARS		5
	TOTAL PRINCIPAL	\$	82,900
	TOTAL INTEREST	\$	7,461
	<b>TOTAL ESTIMATED COST</b>	\$	<b>90,361</b>
			

**CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT YEAR</b>	2016	<b>PROJECT COST</b>	\$21,200
<b>DESCRIPTION</b>	Town Hall Air Handler Replacements	<b>DEPARTMENT</b>	Public Works- Buildings & Grounds
<b>IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)</b>			
Mandated by LEED to be completed within five years of new Town Hall construction. Old units contain freon.			
<b>DESCRIPTION (TO INCLUDE JUSTIFICATION)</b>			
As a cost savings measure during construction of the new Town Hall, we deferred the replacement of two of the air handling units and condensers which utilize freon. Freon is now banned from the LEED program. They will be taken out and replaced with two new units which utilize R-410A refrigerant. The replacment will include new units, new piping, new wiring, disconnects, and new refrigerant. The projected cost per unit is \$9,600. This project has been moved up to 2016 due to the 2015 performance of these older units.			
<b>ESTIMATED COSTS:</b>	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	2,000
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	19,200
	CONTINGENCY	\$	-
	<b>TOTAL PROJECT COST</b>	\$	<b>21,200</b>
<b>FINANCING</b>	OPERATING BUDGET	\$	21,200
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	<b>TOTAL FINANCING COSTS</b>	\$	<b>21,200</b>
<b>IF BONDED:</b>	NUMBER OF YEARS		N/A
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST	\$	-
	<b>TOTAL ESTIMATED COST</b>	\$	-
			

**CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT YEAR</b>	2016	<b>PROJECT COST</b>	\$86,475
<b>DESCRIPTION</b>	<i>Old Landing Park Improvements</i>	<b>DEPARTMENT</b>	<i>Public Works - Buildings and Grounds</i>
<b>IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)</b>			
<b>DESCRIPTION (TO INCLUDE JUSTIFICATION)</b>			
<p>We will be making improvements to the Old Landing Park, including repairing the dilapidated stone wall along the Oyster River, installing a new aluminum dock, rope railings, razing the old brick pump house and creating a larger lawn area. The stone wall along the Oyster River bordering Old Landing Park has deteriorated and collapsed in a couple areas. Completing these repairs increases safety and makes the park more usable by residents.</p> <p>-A local mason has estimated the stone wall repair (\$38,500).          -Additional improvements include replacing the current wooden dock with an aluminum dock (\$22,045).          -Replacing the railing along the shoreline/parking area (\$3,030).          -Demolition of the pump house. (\$12,000)          -Rehabilitation of lawn area (\$10,900).</p>			
<b>ESTIMATED COSTS:</b>	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	86,475
	CONTINGENCY	\$	-
	<b>TOTAL PROJECT COST</b>	\$	<b>86,475</b>
<b>FINANCING</b>	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	86,475
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	<b>TOTAL FINANCING COSTS</b>	\$	<b>86,475</b>
<b>IF BONDED:</b>	NUMBER OF YEARS		10
	TOTAL PRINCIPAL	\$	86,475
	TOTAL INTEREST	\$	7,783
	<b>TOTAL ESTIMATED COST</b>	\$	<b>94,258</b>



**CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT YEAR</b>	2016	<b>VEHICLE COST</b>	\$18,020
<b>DESCRIPTION</b>	1/2 Ton Pick-Up	<b>DEPARTMENT</b>	Public Works - Buildings & Grounds

**DESCRIPTION (TO INCLUDE JUSTIFICATION):**

The town would like to replace the current Buildings & Grounds Division 2005 1/2 Ton Pickup Truck. The truck fleet is currently on a 10 -12 year replacement program. This 1/2 Ton 2005 (Ford Ranger) Pick-up moves staff and equipment from site to site and supports the Building & Grounds Division employee who completes the daily trash/debris pick-up at all parks and downtown areas (2 hours daily). The vehicle is also used by the same employee for maintenance of all Town owned properties (graveyards, cemeteries, etc.) and the landscaping of the downtown area and buildings. This vehicle will be purchased through the state bid process. Routine maintenance costs per year include oil, tires, brakes, belts, filters costing \$985. DPW has previously downsized this vehicle in 2005 to obtain better gas mileage. The State of NH price for this vehicle (chevrolet silverado) is \$18,020.

<b>ESTIMATED COST</b>	<b>PURCHASE PRICE</b>	\$ 18,020.00
	<b>ACCESSORIES*</b>	\$ -
	<b>LESS TRADE-IN**</b>	\$ -
	<b>NET PURCHASE PRICE</b>	\$ 18,020.00

\*Accessories include lighting, radios, striping, misc. equipment.

<b>FINANCING</b>	<b>OPERATING BUDGET</b>	\$ 18,020.00
	<b>UNH - CASH</b>	\$ -
	<b>BOND - TOWN PORTION</b>	\$ -
	<b>UNH PORTION</b>	\$ -
	<b>FEDERAL/STATE GRANT</b>	\$ -
	<b>CAPITAL RESERVE ACCOUNT</b>	\$ -
	<b>TOTAL FINANCING COSTS</b>	\$ 18,020.00

<b>IF BONDED:</b>	<b>NUMBER OF YEARS</b>	N/A
	<b>TOTAL PRINCIPAL</b>	\$ -
	<b>TOTAL INTEREST (EST'D)</b>	\$ -
	<b>TOTAL PROJECT COST</b>	\$ -



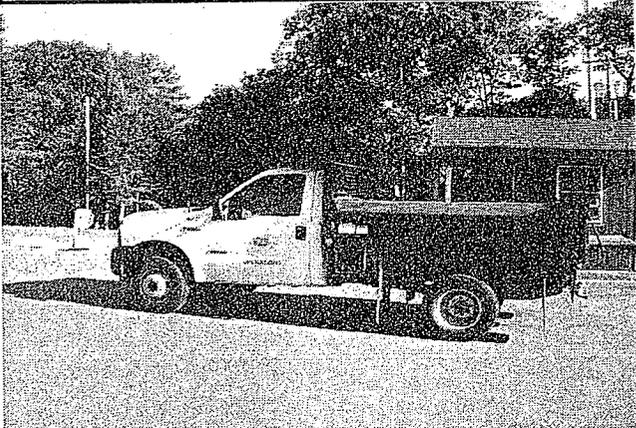
**VEHICLE TO BE REPLACED (info as of July 2015)**

**YEAR/MAKE/MODEL:** 2005 Ford Ranger  
**CONDITION:** Fair/poor  
**CURRENT MILEAGE/HOURS:** 90,441 miles  
**MAJOR REPAIRS DONE:** Brakes, Engine Tune-up

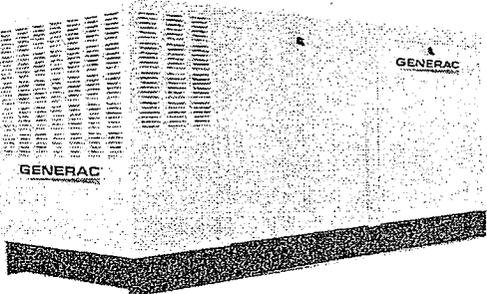
Will this vehicle be traded-in or used for other purpose?  
 If other purpose, please specify:

Will be sold as surplus equipment.

**CAPITAL IMPROVEMENT PROGRAM**

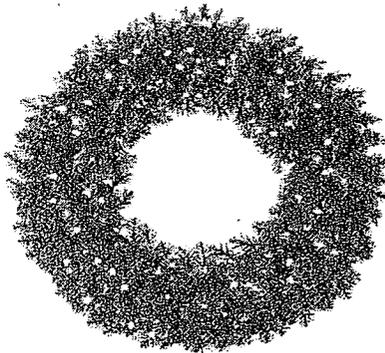
<b>PROJECT YEAR</b>	2016	<b>VEHICLE COST</b>	\$42,890
<b>DESCRIPTION</b>	1 Ton Dump Truck Replacement	<b>DEPARTMENT</b>	Public Works - Buildings and Grounds
<b>DESCRIPTION (TO INCLUDE JUSTIFICATION):</b>			
<p>We will be replacing the current 2006 Ford 1-ton, Four Wheel Drive Dump Truck with a 2016 1-ton equipped with plowing and sand/salt spreading capabilities. This truck is integral to daily operations and is the front-line piece of equipment for parks, cemeteries, buildings and grounds, and snow removal at all Town facilities. This vehicle is the sole vehicle used during winter storms at such sites as the Town Offices, Police Station, Lee Well, Wagon Hill Farm, Transfer Station and various parking lots. Optimum trade-in time is 10 years. Expected trade value is \$4,000. Tires, filters, hydraulics will be \$890/year included in the operating budget.</p>			
<b>ESTIMATED COST</b>	<b>PURCHASE PRICE</b>	\$	46,000.00
	<b>ACCESSORIES*</b>	\$	890.00
	<b>LESS TRADE-IN**</b>	\$	(4,000.00)
	<b>NET PURCHASE PRICE</b>	\$	42,890.00
	*Accessories include lighting, radios, striping, misc. equipment.		
<b>FINANCING</b>	<b>OPERATING BUDGET</b>	\$	-
	<b>UNH - CASH</b>	\$	-
	<b>BOND - TOWN PORTION</b>	\$	42,890.00
	<b>UNH PORTION</b>	\$	-
	<b>FEDERAL/STATE GRANT</b>	\$	-
	<b>CAPITAL RESERVE ACCOUNT</b>	\$	-
	<b>TOTAL FINANCING COSTS</b>	\$	42,890.00
<b>IF BONDED:</b>	<b>NUMBER OF YEARS</b>		7
	<b>TOTAL PRINCIPAL</b>	\$	42,890.00
	<b>TOTAL INTEREST (EST'D)</b>	\$	5,147.00
	<b>TOTAL PROJECT COST</b>	\$	48,037.00
		<p align="center"><b>VEHICLE TO BE REPLACED (info as of July 2015)</b></p> <p>YEAR/MAKE/MODEL: 2006 Ford 1 Ton</p> <p>CONDITION: Poor</p> <p>CURRENT MILEAGE/HOURS: 61,429 miles</p> <p>MAJOR REPAIRS DONE: Transmission, Injection pump, front suspension parts, brakes, tires, body work</p> <p>Will this vehicle be traded-in: YES</p>	

## CAPITAL IMPROVEMENT PROGRAM

<b>PROJECT YEAR</b>	2017	<b>PROJECT COST</b>	\$72,000
<b>DESCRIPTION</b>	Town Hall 100 KW Emergency Generator	<b>DEPARTMENT</b>	Public Works - Buildings & Grounds
<b>DESCRIPTION (TO INCLUDE JUSTIFICATION):</b>			
<p>Emergency generator to supply power to the entire Town Hall electricity load. Electrical conduit and gas conduit have already been installed in anticipation of this project. This project will allow the Town Hall to also operate as a warming/comfort facility in the case of severe weather.</p>			
<b>ESTIMATED COST</b>			
	PURCHASE PRICE	\$	72,000.00
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	72,000.00
	*Accessories include lighting, radios, striping, misc. equipment.		
<b>FINANCING</b>			
	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	72,000.00
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	72,000.00
<b>IF BONDED:</b>			
	NUMBER OF YEARS		10
	TOTAL PRINCIPAL	\$	72,000.00
	TOTAL INTEREST (EST'D)	\$	11,880.00
	TOTAL PROJECT COST	\$	83,880.00
			

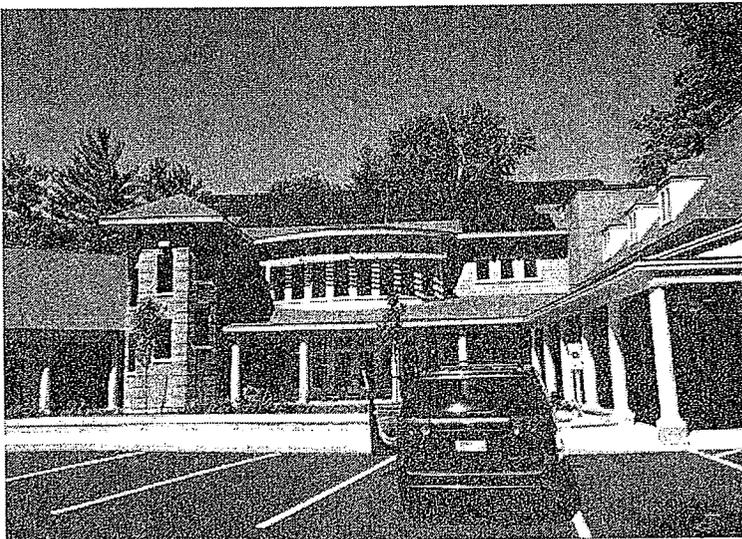
**CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT YEAR</b>	2018	<b>PROJECT COST</b>	\$17,000
<b>DESCRIPTION</b>	<i>Downtown Holiday Decorations</i>	<b>DEPARTMENT</b>	<i>Public Works - Buildings and Grounds</i>
<b>IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)</b>			
<b>DESCRIPTION (TO INCLUDE JUSTIFICATION)</b>			
<p>The Town currently has 29 existing 12 year old holiday wreaths which are hung on the Town owned decorative street lights along Main Street. This CIP project requests an additional purchase of 44 new holiday wreaths for placement on Jenkins Court, Madbury Road and Pettee Brook Lane. These new holiday decorations will include LED technology which will substantially negate any new energy cost from the 44 additional decorations. These holiday wreaths will light up the complete downtown loop.</p>			
<b>ESTIMATED COSTS:</b>	PURCHASE PRICE	\$	17,000
	ACCESSORIES	\$	-
	NET PURCHASE PRICE	\$	17,000
	TOTAL PROJECT COST		
<b>FINANCING</b>	OPERATING BUDGET	\$	17,000
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	17,000
<b>IF BONDED:</b>	NUMBER OF YEARS		N/A
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	-



**CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT YEAR</b>	2019	<b>PROJECT COST</b>	\$130,500
<b>DESCRIPTION</b>	<i>Purchase of Solar Panels</i>	<b>DEPARTMENT</b>	<i>Public Works - Buildings &amp; Grounds</i>
<b>DESCRIPTION (TO INCLUDE JUSTIFICATION):</b>			
<p>In 2013 Durham Solar, LLC installed solar powered electric generating panels at the Churchill Rink, Durham Library and Durham Police Station. The Agreement allows the Town of Durham to purchase these panels at fair market value after the sixth year of operation.</p>			
<b>ESTIMATED COST</b>	PURCHASE PRICE	\$	130,500.00
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	130,500.00
	*Accessories include lighting, radios, striping, misc. equipment.		
<b>FINANCING</b>	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	130,500.00
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	130,500.00
<b>IF BONDED:</b>	NUMBER OF YEARS		10
	TOTAL PRINCIPAL	\$	130,500.00
	TOTAL INTEREST (EST'D)	\$	11,745.00
	TOTAL PROJECT COST	\$	142,245.00



**CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT YEAR</b>	2022	<b>VEHICLE COST</b>	\$13,000
<b>DESCRIPTION</b>	3/4 Ton Pick-Up	<b>DEPARTMENT</b>	Public Works - Buildings and Grounds
<b>DESCRIPTION (TO INCLUDE JUSTIFICATION):</b>			
<p>Replace Buildings &amp; Grounds Foreman's 2012 Chevrolet 3/4 Ton Pick-up truck. The truck fleet is currently on a 10-12 year replacement program, this vehicle was replaced in 2012. This vehicle is used by the Building &amp; Grounds Foreman for daily transportation in his job of maintaining/ supervising each of the Town facilities and parcels of land. The Foreman is also the person in charge of all supplies, safety training, water equipment and the Town's carpenter and stone mason.</p>			
<b>ESTIMATED COST</b>	<b>PURCHASE PRICE</b>	\$	16,000.00
	<b>ACCESSORIES*</b>	\$	1,000.00
	<b>LESS TRADE-IN**</b>	\$	<u>(4,000.00)</u>
	<b>NET PURCHASE PRICE</b>	\$	13,000.00
	*Accessories include lighting, radios, striping, misc. equipment.		
<b>FINANCING</b>	<b>OPERATING BUDGET</b>	\$	13,000.00
	<b>UNH - CASH</b>	\$	-
	<b>BOND - TOWN PORTION</b>	\$	-
	<b>UNH PORTION</b>	\$	-
	<b>FEDERAL/STATE GRANT</b>	\$	-
	<b>CAPITAL RESERVE ACCOUNT</b>	\$	<u>-</u>
	<b>TOTAL FINANCING COSTS</b>	\$	13,000.00
<b>IF BONDED:</b>	<b>NUMBER OF YEARS</b>		N/A
	<b>TOTAL PRINCIPAL</b>	\$	-
	<b>TOTAL INTEREST (EST'D)</b>	\$	<u>-</u>
	<b>TOTAL PROJECT COST</b>	\$	-
		<p align="center"><b>VEHICLE TO BE REPLACED (info as of July 2015)</b></p> <p><b>YEAR/MAKE/MODEL:</b> 2012 Chevrolet 3/4 Ton Pickup</p> <p><b>CONDITION:</b> Good</p> <p><b>CURRENT MILEAGE/HOURS:</b> 41,202 miles</p> <p><b>MAJOR REPAIRS DONE:</b> Injector pump, hydraulic pump</p> <p><b>Will this vehicle be traded-in:</b> YES</p>	