

To: Canaan Planning Board

September 25, 2012

From: Capital Improvement Program Committee

Subject: Capital Improvement Program 2013-2018

**INTRODUCTION** This 2012 Capital Improvement Program Committee (CIPC) report presents Canaan's Capital Improvement Program for the years 2013-2018. It contains capital projects and purchases submitted by Town departments and, on occasion, other organizations that support town activities. A short description is included for many of the projections.

This report is submitted for approval by Canaan's Planning Board and then presented to the Select Board and the Budget Committee in early fall in time for town budget preparations for the upcoming fiscal year. It is intended to provide a long term, six year context for the following year's budget. The capital expenditure projections contained herein were derived from discussions between the Town Administrator and the department heads about the future integrated needs of the departments.

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**HISTORY** A Capital Improvement Program Committee was formed in 2000 which submitted a capital improvement program for the years 2001-2006. Further reports were developed from 2001 to 2003 by the Planning Board. In 2004, the following warrant article was passed which authorized the Selectmen to appoint a CIP Committee composed of members from the Planning Board, Budget Committee and others.

## CAPITAL IMPROVEMENT PROGRAM

To see if the town will vote to authorize the Selectmen to appoint a capital improvement program committee, which shall include at least one member of the planning board and may include but not be limited to other members of the planning board, the budget committee, or the town or city governing body, to prepare and amend a recommended program of municipal capital improvement projects projected over a period of at least six years. The capital improvements program may encompass major projects being currently undertaken or future projects to be undertaken with federal, state, county and other public funds. The sole purpose and effect of the capital improvements program shall be to aid the selectmen and the budget committee in their consideration of the annual budget. This procedure is authorized by TITLE LXIV, PLANNING AND ZONING, CHAPTER 674, LOCAL LAND USE PLANNING AND REGULATORY POWERS, Capital Improvements Program, and Section 674:5, effective July 2, 2002.

A committee based on this warrant article was appointed in 2005 and reports were submitted in 2005, 2006, 2007 and 2010. No reports were issued in 2008 or 2009. A new committee was appointed in 2010. Members of the current committee are:

Planning Board	Steve Ward - Chairman
Budget Committee	Bill Crowther
Community Representative	Skip Baldwin
Selectman	Bob Reagan

This committee has evaluated capital expenditures proposed by the department heads and the Town Administrator and makes the recommendations contained below. This report is being submitted to the Planning Board for approval and then to the Select Board and Budget Committee for their use in developing capital improvement projects and in preparing their budget and financial plans.

**METHODOLOGY** The Committee has adopted a definition of capital expenditures and capital projects as follows:

1. A gross cost in the aggregate of \$5,000 or more;
2. A useful life of at least three years; and
3. Is non-recurring, i.e., is not an annual budget item.

The replacement of capital equipment items that cost less than \$5,000 individually such as radios and computers but greatly exceed \$5,000 in the aggregate have been included.

As mentioned above, departmental projections were reviewed with the Town Administrator. Care was taken to ensure that one department's projects did not conflict or overlap with another's and that they were appropriately prioritized. Public safety issues were addressed on an integrated basis rather than departmentally.

The purchase of Police, Fire and Highway Department vehicles will normally be the subject of warrant articles. For the more expensive, longer lived and intermittently purchased fire and highway vehicles, an annual amount will, as customary, be appropriated to build a capital reserve fund sufficient to finance the purchase of these vehicles in the year of expected replacement. In 2013, a capital reserve fund will be proposed for police vehicles as well so that funding can be appropriated annually even if no purchases are anticipated. Likewise, appropriations for capital reserve funds will be proposed for Water & Sewer vehicles in 2013. These do not require voter approval.

Exhibit I covers purchases of major mobile equipment, primarily vehicles, broken out by department. It contains annual capital expenditure projections, annual appropriations for reserves and reserve balances for each year of the six-year period, 2013-2018. Exhibit I provides an inventory of vehicles and mechanical items, including the year of purchase, for all of the Town's departments

Because Canaan has a substantial investment in non-mobile assets aggregating about \$1.3 million at estimated current replacement cost, the replacement of these items has been scheduled in Exhibit II. Such purchases are normally funded in the annual operating budget. A budgeted sum of \$69,900 in 2013 augmented by \$20,000 in succeeding years is proposed. Any shortfall would be funded from the annual surplus, if any.

Exhibit III shows expected expenditures for each of the Town's buildings and capital reserves, where appropriate. Capital reserve appropriations will be proposed beginning in 2014. This exhibit also provides an inventory of the Town's buildings, the replacement cost of each and the year of construction.

The status of each of Canaan's 14 bridges is listed in Exhibit IV along with its construction date. Resumption of appropriations to the Bridge Reserve will be proposed for 2014.

The composition of the Highway Reconstruction budget proposed for 2013 is included in Exhibit V. A long term program is being formulated for the annual repair of a uniform portion of the Town's paved roads and reconstruction of dirt roads. For continuity, the cost projected for 2013 is carried forward for each of the remaining years of the forecast period.

## **CAPITAL PROJECTIONS**

### **Police Department**

The police department anticipates that no vehicles will be replaced in 2013. The 2007 Expedition will be replaced in 2014 (\$40,000), the 2010 Crown Victoria in 2015, the 2011 Crown Victoria in 2016, and the 2006 Explorer in 2017 (all \$30,000). Voter approval of a \$24,000 capital reserve appropriation will be requested annually to supplement funds received from the sale of the used vehicles (See Exhibit I).

The replacement of computers (7) and vehicle laptops, radios (6) and portable radios (11), ballistic vests (11), and handguns (11) are spread over the six-year period and beyond in order to smooth the budgetary impact. These items will be included in the Towns' annual operating budget. (See Exhibit II.)

### **Fire Department**

The Fire Department is planning to replace Engine 2 (1998) in 2017 (Exhibit I). Rescue Truck's (2000) replacement is not anticipated until 2020. The fire vehicle reserve will continue to be augmented in \$40,000 annual installments.

Because of the abundance of equipment ranging from hoses to a washer and dryer, the Fire Department has scheduled replacement of these items over a 20 year period. Within the 2013-2018 period, 30 sets of turn-out gear will be replaced at a rate of about 5 per year. However, note on Exhibit II that the 2015 purchase has been accelerated into 2014 and the 2016 purchase has been postponed until 2017. Such adjustments have been made throughout the equipment purchase projections for all departments where feasible in order to smooth the aggregate impact on the operating budget.

Three chain saws are replaced in 2016, and one venting saw is replaced twice (2014 and 2017). Thirty pagers are to be replaced at a rate of four per year. Sixteen SCBA [air] Packs are replaced simultaneously every eight years (2015) as OSHA standards evolve. Seven portable generators will be replaced one per year beginning in 2013.

### **Highway Department**

The Highway Department's six-wheel Freightliner dump truck is projected be replaced in 2013. This 2003 truck is in unsatisfactory condition. The Road Agent's 2006 GMC 3500 pick-up will be replaced in 2014, the 2001 Komatsu pay-loader in 2016, and the 2006 International 10-wheel dump truck in 2018. These will be funded out of a highway vehicle reserve with increments proposed at \$90,000 per annum.

The Highway Department also maintains a long list of equipment (Exhibit II). However, with the exception of tools and diagnostics, the 1989 six-ton trailer, the 1994 towable compressor and the 2005 brush chipper, these items are scheduled for replacement after 2018 (through 2032).

### **Other**

Five computer work stations in the **Town offices** will be replaced in 2014 (one), 2015 (two) and 2016 (two) as well as a copier (2013), telephone system (2013) and computer software (2015). See Exhibit II.

The **Cemetery's** riding lawnmowers will be replaced in 2013, 2016 and 2018 (Exhibit II).

No repairs/replacements are projected during this six year period for **Recreation** facilities.

The **Transfer Station** is scheduling the acquisition of a tractor in 2014 and a trailer in 2018. The Transfer Station is self-funding (see Exhibit I).

**Water & Sewer** will replace the 2005 Kubota tractor in 2016. Purchases will be funded from a capital reserve augmented in \$47,000 annual installments. Reserve contributions will be funded by user fees (Exhibit I).

### **Town Buildings and Facilities**

It is recommended that a reserve be established beginning in 2014 for town building capital expenditures with annual additions aggregating \$40,000 (see Exhibit III). Heretofore, such expenditures have been funded by the operating budget.

### **Library/Town Offices**

It is recommended that an annual reserve of \$15,000 be appropriated beginning in 2014 to provide for the eventual transfer (2026) of the town offices to the third floor of the library. A major component of the estimated \$350,000 cost will be the extension of the elevator from the second to the third floor.

### **Senior Center**

The elevator in the Senior Center was upgraded to current safety standards at a cost of \$35,000 in 2012. This was funded by the operating budget.

No other repairs or improvements are projected during the forecast period.

### **Recreation**

No repairs are anticipated for the Cozy Corner building.

### **Police Station**

A 1,700 square foot addition to the Police Station that will provide office, meeting and ambulance parking space for the Fast Squad may be undertaken in 2013 if the projected \$350,000 cost can be underwritten entirely by grants and Fast Squad funds. This addition will allow the reconfiguring of space within the police department for safer, more efficient conduct of department business.

### **Highway Garage**

Floor drains, at a cost of \$17,000, were installed in the highway garage in 2012. This enables highway personnel to wash away salt from the undercarriage of vehicles in winter which is crucial to prolonging the life of these expensive highway vehicles.

A sand/salt shed was built in 2012 at a cost of \$120,000 to allow the blending of sand and salt under cover regardless of the weather. Adjusting the mix as prices vary will achieve significant savings. Funds for the shed and the floor drains were financed from the operating budget.

### **Transfer Station**

There are no expenditures for facilities projected.

## **Meeting House**

Structural damage caused by extensive leakage in the cupola of the Meeting House required the expenditure of \$73,000 for repairs in 2012. Funding of \$35,000 was obtained from a NH Land and Community Heritage Investment Program (LCHIP) grant, \$20,000 from the operating budget, and \$18,000 from private donations.

No other repairs are scheduled. The Meeting House will be painted in 2013 at a cost of \$15,000 obtained from the operating budget.

## **Museum**

Because of other priorities, no capital funds are being allocated for the museum in 2013-2018 although the building will be painted in 2013 at a cost of \$5,000 funded by the operating budget.

## **Bridges**

Six of Canaan's bridges listed in Exhibit IV have been declared deficient by the State. The Lashua Road and the Lary Pond Road bridges are on Class 6 roads and will not be replaced. The Transfer Station Bridge must be lengthened to permit widening of the stream bed to improve water flow. This is tentatively scheduled for 2019 if funds can be obtained. Washed-out abutments under the North Lary Road Bridge will be reinforced by the Town. This \$15,000 cost will be funded out of the bridge reserve.

The culvert under the Goose Pond Road Bridge over Goose Pond Brook adjacent to the dam is rusted and buckling. Engineering will start in 2013 at a cost of \$75,000. Construction costing \$425,000 will commence in 2014. The State will fund 80%. The balance, \$15,000 and \$85,000 respectively, will be financed out of the bridge reserve.

The Grist Mill Hill Road Bridge over the Indian River has rusted beams and requires repaving. The concrete deck will be resealed and repaved in 2013 at a cost of \$60,000 funded from the bridge reserve. It is proposed to resume funding the bridge reserve in 2014 with \$30,000 annual increments to provide for the eventual repair of the steel beams.

## **Highway Reconstruction**

The expected 2013 budget for road repaving and dirt road reconstruction detailed in Exhibit V is \$259,128. For continuity, this amount has been extrapolated annually through 2018. The proposed budget represents today's cost of repaving 1.5 miles per year of Canaan's 30 miles of paved roads and reconstructing three quarters of a mile per year of Canaan's 70 miles of unpaved roads. This budget attempts to balance the cost of reconstructing Canaan's most deficient roads with the amount of funds available.

These projections are preliminary. The Highway Department's objective is to formulate a long term plan and is undertaking a comprehensive inventory of paved and unpaved roads to assess the use (traffic count and vehicle weight), condition and cause of deterioration. This is likely take approximately two years to observe the roads through two seasons of freezing and thawing.

### **Total Capital Expenditures**

Exhibit VI totals the capital expenditures from Exhibits I through V.

### **CONCLUSION**

The Capital Improvement Program Committee wishes to thank the Department Heads and Town Administrator for their efforts in providing the comprehensive, long-range projections contained in this report. It is hoped that this document will assist Town residents in evaluating Canaan's future capital requirements.



Assumes deposit of \$5,000 per year			\$ 40,000							
			TOT Cost							
Highway	Chevy 986	Blazer	1986							
	Freight	Dump-6	2001	\$ 160,000	\$ 160,000					
	Komatsu	Loader	2001	\$ 175,000			\$ 175,000			
	Dodge 411	1 Ton	2011	\$ 85,000						
	John Deere	410 J Backhoe	2004	\$ 120,000						
	Volvo	Grader	2004	\$ 225,000						
	GMC 705	1 Ton	2005	\$ 85,000						
	Inter 104	Dump-6	2005	\$ 120,000						
	Sterling 605	Dump-6	2005	\$ 120,000						
	GMC 806	3500	2006	\$ 50,000	\$ 50,000					
	Inter 505	Dump-10	2006	\$ 180,000					\$ 180,000	
	Inter 307	Dump-6	2007	\$ 140,000						
		Power Screen	1998	\$ 45,000						
	<b>Total Expense</b>			\$ (160,000)	\$ (50,000)	\$ -	\$ (175,000)	\$ -	\$ (180,000)	
	<b>From Capital Reserve</b>			\$ 159,037	\$ 50,000	\$ -	\$ 175,000	\$ -	\$ 180,000	
	<b>From Operating Budget</b>			\$ 963	\$ -	\$ -	\$ -	\$ -	\$ -	
	<b>Balance in Reserve</b>			\$ 1,505,000	\$ -	\$ 40,000	\$ 130,000	\$ 45,000	\$ 135,000	\$ 45,000
	<b>Assumes deposit of \$90.000 per year</b>			<b>TOT Cost</b>						

Capital Improvement Program 9-12-12 Non Mobile Assets											Exhibit II
Dept.	Asset	Life	Next	Cost	Annual	2013	2014	2015	2016	2017	2018
Gen Govt											
	Server	7	2015	14000	\$2,000	0	0	0	0	0	14000
	Telephone System	8	2012	7000	\$875	7000	0	0	0	0	0
	Copier	7	2013	2484	\$355	2484	0	0	0	0	0
	High Speed Laser Printer	7	2012	1240	\$177	0	0	0	0	0	0
	Software (Off/CS/Acrobat	5	2015	3300	\$660	0	0	3300	0	0	0
	8 Work Stations					0	800	1500	1500	0	0
						0	0	0	0	0	0
Highways	Building Generator	15	2026	14000	\$933	0	0	0	0	0	0
	20 t trailer Eager Beaver	20	2012	\$22,000	\$1,100	0	0	0	0	0	0
	6 t trailer Hillsboro 112hmv2	25	2014	\$10,000	\$400	10000	0	0	0	0	0
	compressor Davy cd179d98	20	2014	\$10,000	\$500	0	10000	0	0	0	0
	screen MKII 2745517	25	2022	\$60,000	\$2,400	0	0	0	0	0	0
	truck washer hydrotek	10	2020	\$15,000	\$1,500	0	0	0	0	0	0
	york rake 1695	20	2023	\$4,000	\$200	0	0	0	0	0	0
	york rake 448	20	2024	\$4,000	\$200	0	0	0	0	0	0
	york rake 683	20	2027	\$5,500	\$275	0	0	0	0	0	0
	front york rake	20	2028	\$6,000	\$300	0	0	0	0	0	0
	brush chipper Bandit 021110	10	2015	\$50,000	\$5,000	0	0	0	0	50000	0
	ford tractor /w loader	15	2020	\$32,000	\$2,133	0	0	0	0	0	0
	asphalt reclaimr raytech R	15	2020	\$22,000	\$1,467	0	0	0	0	0	0
	Service Truck	20	*	\$35,000	\$1,750	0	0	0	0	0	0
	Tools and Diagnostics	6		\$15,000	\$2,500	12000	0	0	0	0	0
	welder	15	*	\$5,000	\$333	0	0	0	0	0	0
	air compresor	20	*	\$5,000	\$250	0	0	0	0	0	0
	plasma cutter	20	*	\$5,000	\$250	0	0	0	0	0	0
	computers 2	6	*	\$3,000	\$500	0	0	0	0	0	0
	Truck Lift	20	*	\$90,000	\$4,500	0	0	0	0	0	0
						0	0	0	0	0	0
Cemetery	Simplicity Riding Mowers (2	0	2013	\$2,000		3000	0	0	3000	0	3000
	landscape trailer			\$7,000		0	0	0	0	0	0
	Tree removal and trimming			\$30,000		5000	5000	5000	5000	5000	5000
	Headstone Repair					0	0	0	0	0	0
Police	Server	7	2016	12000	\$1,714	0	0	0	12000	0	0
	Telephone System	7	2014	8000	\$1,143	0	8000	0	0	0	0
	Generator	15	2026	14000	\$933	0	0	0	0	0	0
	Ballistic Vests 11	5	2013	8800	\$1,760	2400	2400	1600	0	2400	2400
	Tasers 11	10	2018	9900	\$990	0	0	0	9900	0	0
	Base & Vehicle Radios 6	10	2013	21000	\$2,100	7000	14000	0	0	0	0
	Portable Radios 11	10	2013	22000	\$2,200	8000	16000	0	0	0	0
	Vehicle Laptops	6	2012	30000	\$5,000	0	5000	5000	5000	5000	0
	Computers 7	8	2012	10500	\$1,313	0	0	0	3500	3500	3500
	Handguns 11	15	2013	7500	\$500	2200	2200	1100	0	0	0
	Long Rifles 5	15	2020	5000	\$333	0	0	0	0	0	0
Govt Buildings	Mower	6	2016	12000	\$2,000	0	0	0	12000	0	0



CIP Capital Buildings		CANAAN BUILDINGS		9/12/2012						Exhibit III
General Govt										
Name	Replace.	Year	Improvement	Transaction	2013	2014	2015	2016	2017	2018
Senior Center	\$ 610,000	1923	Elevator	Expense						
				Less Grants						
				Oper.Bud.						
				Balance						
Library / Town Office	\$ 1,034,000	1924	GOAL: Renovate Office	Add Cap. Reserve		15000	15000	15000	15000	15000
				Expense						
				Less Operating						
Cozy Corner/Recreation	\$ 142,000	1955	Playground	Expense						
			(avail)	Trust Funds						
			(Timken Grant)	Less Grant						
				Balance						
Police Station	\$ 787,000	2001	FAST Squad Addit.	Expense	\$ 350,000					
FAST Squad Addition	\$ 275,000	2012	External Funding	Less Grant/Loan	\$ (250,000)					
				Fast Squad	\$ (100,000)					
				Balance	\$0					
Fire Station	\$ 614,000	1986								
Highway Garage	\$ 696,000	2000	GOAL: Truck/Equip. Storage	Add to Cap. Reserve		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
			Garage Add. 3,200 SF	Expense						
				Less Cap Reserve						
				Less Oper. Bud.						
				Balance						
			Floor Drains	Expense						
				2011 Oper. Bud.						
				Balance						
				Expense						
				From Operating Budget						
				Balance						
Sand / Salt Shed	\$ 130,000		Replace to allow blending	Expense						
				Less Oper. Bud. 2011-12						
				Balance						

Town Buildings Reserve Fund			Add to Reserve							
Meeting House	\$ 701,000	1792	Repair Tower	Expense						
				Less LCHIP Grant						
				Less 2012 Oper. Bud.						
				Less Contrib. Avail.						
				Less Contrib. Needed						
				Balance						
			Paint Meeting House	Expense	15000					
				Less Oper. Bud.	-15000					
				Balance	0					
Museum	\$ 602,000	1835	Paint Museum	Expense	5000					
Bath House	\$ 57,000	1970		Less Oper. Bud.	-5000					
				Balance	0					
	\$ 5,648,000			<b>Unfunded</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SUMMARY</b>				<b>Other Revenue</b>	<b>\$ (370,000)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
				<b>To Reserve</b>	<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>
				<b>Total Expenses</b>	<b>\$ 370,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
				<b>Balance</b>	<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ 80,000</b>	<b>\$ 120,000</b>	<b>\$ 160,000</b>	<b>\$ 200,000</b>

<b>Bridge re. 9/12/12</b>	<b>Issues</b>	<b>Year Built</b>	<b>Transaction</b>	<b>2013</b>	<b>Transaction</b>	<b>2014</b>	<b>Transaction</b>	<b>2015</b>
Lashua Road * 122/136	Damaged in Hurricane Irene  <b>Bridge is on Class 6 and will not be replaced</b> Repaired only through FEMA funds	1900						
Transfer Station Added 2011	Replace Inadequate Flow Area <b>Looking For Funding</b>	1968						
Goose Pond Culvert 87/092	Repair Rusted and Buckling <b>Replace in 2014</b> <b>Engineer in 2013</b>	1981	Expense \$ 75,000 Less State \$ (60,000) To Reserve \$ - Town Reserve \$ (15,000)	Expense \$ 425,000 Less State \$ (340,000) To Reserve \$ - Town Reserve \$ (85,000)				
North Lary Road	Repair Wash out of abutements <b>Repair by town in 2012-13</b>	1940 2009	Expense \$ 15,000 Less State \$ - Town Reserve \$ (15,000) To Reserve \$ -					
Lary Pond Road	Replace Rusted Beams <b>Bridge is on Class 6 and will not be replaced</b>	1930						
Grist Mill Hill RD Over Indian River 172/070	Rust on steel beams <b>Remove asphalt, seal concrete deck</b> <b>and repave in 2013</b> <b>Extend life by 15 years</b>	1956	Expense \$ 60,000 Less State \$ - Town Reserve \$ (60,000) To Reserve \$ -	To Reserve \$ 30,000	To Reserve \$ 30,000			
Grist Mill Hill RD Over Trail 173/086	<b>NO RATING</b>	2002						
Goose Pond over Hinkson 83/114	<b>NOT DEFICIENT</b>	1979 2006						
Goose Pond / Goose Pond Brook 87/074	<b>NOT DEFICIENT</b>	1991						
Blackwater / Crystal Lake Brook 100/40	<b>NOT DEFICIENT</b>	1988 1992						
Blackwater over Mascoma 91/030	<b>NOT DEFICIENT</b>	1992						
River Road over Mascoma 123/126	<b>NOT DEFICIENT</b>	2010						
Potato Road over Indian 147/055	<b>Functionally Obsolete</b> <b>Wood Decking</b> <b>Flooding Issues</b>	1930 1994						
By Passed Historic on Juniper 173/130	<b>Closed on Juniper-North Lary road</b> <b>Would like to rebuild</b>	1913						
			<b>From Brid</b> \$ (90,000)	\$ (85,000)				
			<b>To Bridge</b> 0	\$ 30,000	\$ 30,000			
			<b>Balance</b> \$ 145,361	\$ 90,361	\$ 120,361			

<b>Bridge re. 9/12/12</b>	<b>Transaction</b>	<b>2016</b>	<b>Transaction</b>	<b>2017</b>	<b>Transaction</b>	<b>2018</b>
Lashua Road * 122/136						
Transfer Station Added 2011				Expense	\$	440,000
				Less State	\$	(352,000)
				Town Reserve	\$	(88,000)
Goose Pond Culvert 87/092						
North Lary Road						
Lary Pond Road						
Grist Mill Hill RD Over Indian River 172/070						
	To Reserve	\$ 30,000	To Reserve	\$ 30,000	To Reserve	\$ 30,000
Grist Mill Hill RD Over Trail 173/086						
Goose Pond over Hinkson 83/114						
Goose Pond / Goose Pond Brook 87/074						
Blackwater / Crystal Lake Brook 100/40						
Blackwater over Mascoma 91/030						
River Road over Mascoma 123/126						
Potato Road over Indian 147/055						
By Passed Historic on Juniper 173/130						
					\$	(88,000)
	\$	30,000	\$	30,000	\$	30,000
	\$	150,361	\$	180,361	\$	122,361

**Capital Budget Highway Reconstruction**  
**Does not include wages or benefits**

rev 8-21      2013-2018      Exhibit V

Highway Reconstruction				2013	2013	2013
		Miles to be Done	Years in	2013 Miles	Per mile Cost	Per Year Budget
Highways		Per Year	Cycle			
Paving 30 miles total						
	top coat & shim	0.75	20	1.00	\$121,193	\$121,193
	base & top	0.75	20	0.50	\$145,431	\$72,716
	Reclamation of Asphalt Road	0.75	20	0.50	\$18,000	\$9,000
						\$202,908
Dirt Road Reconstruction 70 miles						
	Rebuild Base, Install Fabric, Surface	0.75	40	0.75	\$44,454	\$33,341
	Crush and Screen Material	0.75	40	0.75	\$30,506	\$22,879
						\$56,220

**Highway Paving and Dirt Road Reconstruction**

PAVED ROADS	2012	2013	2014	2015	2016	Expense Per Year
	Roads	Roads	West Farms	Black Water	Jerusalem	for Base, Shim, Regrind & Top Coat Paving
Cost Per Mile	Turnpike	Turnpike	Codfish	South		
\$ 145,431	Back Bay Prospect	Goose Pond Talbert Hill				\$202,908
<b>DIRT ROADS</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>			<b>Expense Per Year for Base, Membrane and Gravel</b>
Cost Per Mile	Jerusalem RD	Fernwood Farms RD	Prospect			
\$ 74,960	South RD	Jerusalem South	Jerusalem South			\$56,220

**Exhibit VI**

**2012 CIP TOTAL CAPITAL EXPENDITURES**

	2013	2014	2015	2016	2017	2018
Major Mobile Equipment	160,000	115,000	30,000	237,000		480,000
Non Mobile Assets	74,597	95,214	110,315	88,766	99,217	62,418
Buildings	370,000					
Bridges	90,000	85,000				88,000
Highway Reconstruction	<u>260,000</u>	<u>260,000</u>	<u>260,000</u>	<u>260,000</u>	<u>260,000</u>	<u>260,000</u>
Total	954,597	555,124	400,315	585,766	359,217	802,418