Town of Littleton, Massachusetts
Roadway Improvement Project
As adopted by the Board of Selectmen
10-Mar-08

3 borrowings - 5 Year Level Principal each
4% interest rate assumed

Debt/Cash Flow Info	TOTALS	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY1015	FY2016
		Goldsmith	Goldsmith	Goldsmith	Crane & Whitcomb	Bruce	Taylor & Harwood	Harwood	Nashoba
Project Completed - Cash out	**8,143,696.00**	1,000,000.00	1,000,000.00	600,000.00	601,739.00	730,249.00	437,609.00	359,794.00	253,244.00
Inflation	9%	0%	0%	0%	5%	7%	9%	11%	13%
Inflated Cost	**8,909,780.30**	**1,000,000.00**	**1,000,000.00**	**600,000.00**	**631,825.95**	**781,366.43**	**476,993.81**	**399,371.34**	**286,165.72**
Funding Sources									
Roadway Repair Account - 1% Annual increase		500,000.00	505,000.00	510,050.00	515,150.50	520,302.01	525,505.03	530,760.08	536,067.68
Chapter 90		260,000.00	260,000.00	260,000.00	260,000.00	260,000.00	260,000.00	260,000.00	260,000.00
Subtract - Maintenance allowance		(100,000.00)	(101,000.00)	(102,010.00)	(103,030.10)	(104,060.40)	(105,101.01)	(106,152.02)	(107,213.54)
Prior Year Surplus/Deficit		-	140,000.00	72,000.00	300,040.00	100,334.45	243,209.62	202,619.83	751,856.55
New Revenue Required - Room Tax, etc									
Total Funding Available		**660,000.00**	**804,000.00**	**740,040.00**	**972,160.40**	**776,576.05**	**923,613.64**	**887,227.89**	**1,440,710.70**
Surplus/(Deficit) Cost vs. Funding		**(340,000.00)**	**(196,000.00)**	**140,040.00**	**340,334.45**	**(4,790.38)**	**446,619.83**	**487,856.55**	**1,154,544.98**
Short Term Borrowing --->	**2,800,000.00**	500,000.00	800,000.00	1,000,000.00		500,000.00	500,000.00	1,000,000.00	
Total Interest	553,600.00	20,000.00	32,000.00	40,000.00	40,000.00	52,000.00	44,000.00	36,000.00	48,000.00
Principal Payment	2,640,000.00	-	-	-	200,000.00	200,000.00	200,000.00	200,000.00	400,000.00
Total Debt Service Payment		**20,000.00**	**32,000.00**	**40,000.00**	**240,000.00**	**252,000.00**	**244,000.00**	**236,000.00**	**448,000.00**
TOTAL Surplus/Deficit		**140,000.00**	**72,000.00**	**300,040.00**	**100,334.45**	**243,209.62**	**202,619.83**	**751,856.55**	**706,544.98**

2,800,000.00 = sum of 3 bonds for 5 year term each

Town of Littleton, Massachusetts
Roadway Improvement Project
As adopted by the Board of Selectmen
10-Mar-08

3 borrowings - 5 Year Level Principal each
4% interest rate assumed

Debt/Cash Flow Info	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2024
	Harvard	Nagog	Washington & Ft Pond	Nashoba	Nashoba &Tahattawan	NEW PROJECT	NEW PROJECT	NEW PROJECT	NEW PROJECT
Project Completed - Cash out	919,131.00	986,832.00	340,356.00	384,667.00	530,075.00				
Inflation	15%	17%	19%	21%	23%				
Inflated Cost	**1,057,000.65**	**1,154,593.44**	**405,023.64**	**465,447.07**	**651,992.25**	**-**			
Funding Sources									
Roadway Repair Account - 1% Annual increase	541,428.35	546,842.64	552,311.06	557,834.17	563,412.52	569,046.64	574,737.11	580,484.48	586,289.32
Chapter 90	260,000.00	260,000.00	260,000.00	260,000.00	260,000.00	260,000.00	260,000.00	260,000.00	260,000.00
Subtract - Maintenance allowance	(108,285.67)	(109,368.53)	(110,462.21)	(111,566.83)	(112,682.50)	(113,809.33)	(114,947.42)	(116,096.90)	(117,257.86)
Prior Year Surplus/Deficit	706,544.98	110,687.01	5,567.68	62,392.89	271,213.16	137,950.92	667,588.23	1,208,177.91	1,759,765.50
New Revenue Required - Room Tax, etc									
Total Funding Available	**1,399,687.66**	**808,161.12**	**707,416.53**	**768,660.23**	**981,943.17**	**853,188.23**	**1,387,377.91**	**1,932,565.50**	**2,488,796.95**
Surplus/(Deficit) Cost vs. Funding	**342,687.01**	**(346,432.32)**	**302,392.89**	**303,213.16**	**329,950.92**	**853,188.23**	**1,387,377.91**	**1,932,565.50**	**2,488,796.95**
Short Term Borrowing --->		600,000.00	600,000.00	800,000.00					
Total Interest	32,000.00	48,000.00	40,000.00	32,000.00	32,000.00	25,600.00	19,200.00	12,800.00	6,400.00
Principal Payment	200,000.00	200,000.00	200,000.00	200,000.00	160,000.00	160,000.00	160,000.00	160,000.00	160,000.00
Total Debt Service Payment	**232,000.00**	**248,000.00**	**240,000.00**	**232,000.00**	**192,000.00**	**185,600.00**	**179,200.00**	**172,800.00**	**166,400.00**
TOTAL Surplus/Deficit	**110,687.01**	**5,567.68**	**62,392.89**	**271,213.16**	**137,950.92**	**667,588.23**	**1,208,177.91**	**1,759,765.50**	**2,322,396.95**