TOWN OF TRUMBULL
CAPITAL IMPROVEMENT PLAN
CALENDAR YEARS 2011-2016

	CY 2011	CY 2012	CY 2013	CY 2014	CY 2015	CY 2016	TOTAL
Board of Education	$ 136,000	$ 23,299,757	$ 20,086,768	$ 25,533,844	$ 12,756,454	$ 15,204,205	$ 97,017,028
Roadways	-	1,738,817	1,811,664	2,207,509	1,665,073	1,665,073	$ 9,088,136
Public Facilities	711,700	1,185,800	1,391,100	1,583,500	5,699,000	3,932,500	$ 14,503,600
Fleet & Equipment	1,032,722	1,426,745	1,986,053	2,583,425	1,994,645	1,023,082	$ 10,046,672
Other	1,210,000	3,740,910	1,382,400	618,000	46,000	48,360	$ 7,045,670
Enterprise	111,000	73,000	116,300	30,000	30,000	30,000	$ 390,300
TOTAL*	**$ 3,201,422**	**$ 31,465,029**	**$ 26,774,285**	**$ 32,556,278**	**$ 22,191,172**	**$ 21,903,220**	**$ 138,091,406**
Five-Year Total	**$ 138,091,406**						

* Projected costs are gross amounts; actual bonded amounts will be net of any other funding sources, including State reimbursements. Amounts proposed for future periods are not adjusted for inflation.

Capital Improvement Plan

	CY 2011 Capital Plan PROPOSED	CY 2012 Capital Plan PROPOSED	CY 2013 Capital Plan PLANNED	CY 2014 Capital Plan PLANNED	CY 2015 Capital Plan PLANNED	CY 2016 Capital Plan PLANNED	TOTAL Capital Plan 2012-2016
Board of Education							
Life Safety		5,755,265	5,280,613	4,282,463	4,855,670	1,053,880	21,227,891
Technology		414,900	526,300	618,000	430,500	340,500	2,330,200
Energy Efficiency		13,911,723	5,470,388	10,912,835	2,014,377	9,358,283	41,667,606
Miscellaneous		3,145,229	8,759,467	9,720,546	5,389,597	4,384,542	31,399,381
Fleet & Equipment	136,000	72,640	50,000	-	66,310	67,000	391,950
TOTAL BOE	**136,000**	**23,299,757**	**20,086,768**	**25,533,844**	**12,756,454**	**15,204,205**	**97,017,028**
Roadways							
Roadway Paving		1,738,817	1,811,664	2,207,509	1,665,073	1,665,073	9,088,136
TOTAL ROADWAYS	**-**	**1,738,817**	**1,811,664**	**2,207,509**	**1,665,073**	**1,665,073**	**9,088,136**
Public Facilities							
Helen Plumb Building	-	-	-	-	-	24,000	24,000
Trumbull Library	-	135,000	243,000	45,000	195,000	497,500	1,115,500
Nichols Library	-	-	-	14,000	22,500	22,000	58,500
Town Hall	500,000	170,000	248,000	195,000	150,000	119,000	1,382,000
Town Hall Annex	40,000	-	-	20,000	-	12,000	72,000
Police Headquarters	87,000	394,500	305,500	485,000	483,000	734,000	2,489,000
Senior Center	36,500	24,800	33,000	153,000	19,000	67,000	333,300
Public Works Yard	48,200	375,000	484,500	544,500	4,708,000	2,340,000	8,500,200
EMS Building	-	86,500	77,100	127,000	121,500	117,000	529,100
TOTAL PUBLIC FACILITIES	**711,700**	**1,185,800**	**1,391,100**	**1,583,500**	**5,699,000**	**3,932,500**	**14,503,600**
Fleet & Equipment							
Building	-	25,000	25,000	-	24,000	-	74,000
Engineering	-	-	-	25,000	-	-	25,000
Fire Marshal	-	-	-	-	35,000	-	35,000
Police	144,000	121,000	168,000	171,000	193,000	144,000	941,000
Senior Center	55,000	55,000	55,000	55,000	-	55,000	275,000
Highway	692,580	950,250	1,629,977	2,175,325	1,247,150	660,006	7,355,288
Parks	141,142	125,495	108,076	157,100	195,495	164,076	891,384
EMS	-	150,000	-	-	300,000	-	450,000
TOTAL FLEET & EQUIPMENT	**1,032,722**	**1,426,745**	**1,986,053**	**2,583,425**	**1,994,645**	**1,023,082**	**10,046,672**
							-
Other							
Economic Development	305,000	1,125,000	555,000	-	-	-	1,985,000
Park Improvements	-	47,700	573,000	518,000	18,000	18,000	1,174,700
Other Projects	803,000	761,615	44,400	-	28,000	30,360	1,667,375
Public Safety	90,000	1,615,000	200,000	100,000	-	-	2,005,000
Technology	12,000	191,595	10,000	-	-	-	213,595
TOTAL VARIOUS	**1,210,000**	**3,740,910**	**1,382,400**	**618,000**	**46,000**	**48,360**	**7,045,670**

Capital Improvement Plan

	CY 2011 Capital Plan PROPOSED	CY 2012 Capital Plan PROPOSED	CY 2013 Capital Plan PLANNED	CY 2014 Capital Plan PLANNED	CY 2015 Capital Plan PLANNED	CY 2016 Capital Plan PLANNED	TOTAL Capital Plan 2012-2016
Enterprise*							
Tashua Knolls GC Fleet & Equipment	83,000	48,000	31,300	-	-	-	162,300
Tashua Knolls GC Other	28,000	25,000	85,000	30,000	30,000	30,000	228,000
TOTAL ENTERTAINMENT	**111,000**	**73,000**	**116,300**	**30,000**	**30,000**	**30,000**	**390,300**
GRAND TOTAL	**3,201,422**	**31,465,029**	**26,774,285**	**32,556,278**	**22,191,172**	**21,903,220**	**138,091,406**

* WPCA Contract III and IV Paving amounts to be added for 2011 when determined by Tighe & Bond (see notes)

CAPITAL IMPROVEMENT PLAN
NARRATIVE

STANDARD DEFINITION FOR CAPITAL IMPROVEMENT

- Any acquisition or lease of land
- Purchase of major equipment or vehicles in excess of $10,000 with life expectancy 3+ years
- Construction of new building facilities with cost in excess of $10,000
- Major building improvements with a cost in excess of $10,000
- Major equipment or furnishings in excess of $10,000

BOARD OF EDUCATION

The Board of Education based their request on a capital improvement plan prepared by Savin Engineers, P.C., in September 2007. Per Superintendent Ralph Iassogna, most of the needs identified still remain unless emergency circumstances necessitated addressing a specific project. Facility Manager Al Barbarotta and Plant Administrator Steve Kennedy reviewed the plan and made updates as necessary to each respective school. See Exhibit A for the full proposal. The BOE Fleet and Equipment detail is listed separately.

ROADWAYS

A detailed listing of streets to be paved is attached. Streets were prioritized based on wear, safety, and usage for years 2012-2014. The cost is based on State of Connecticut bid prices from August 2010. Cost includes asphalt, tack, catch basin, manholes, curbing as needed, grading/compacting, loading and trucking of excess material. The amount shown for the remaining years is based on repaving of 8.06 miles of roadway per year (assumes total roadway of 201.45 miles divided by 25 year average service life).

PUBLIC FACILITIES

Costs are based on professional estimates from Antinozzi Associates. The items in their report that meet the criteria for capital improvements are listed here and labeled "Public Facilities – Capital". The items from the same report that are considered maintenance or operating costs are listed by site and labeled "Public Facilities – Maintenance". The maintenance or operating costs should be included in the General Fund budget. The total cost of both (Capital and Maintenance) corresponds to the Antinozzi Associates report totals found in Exhibit B.

The items below were requested by Department Heads and added to the Public Facilities – Maintenance schedule since the cost is less than the $10,000 threshold for capitalization:

Town Hall – Tax Collector Security Camera System – vendor quote for $3,410
Town Hall – Reorganization of Server Room – estimate from Technology Dept. for $4,500

FLEET & EQUIPMENT

Detailed replacement schedules for each department are attached. Only items that were identified for replacement are included on the lists. The methodology for replacement was determined by each department. For example, the Trumbull Police Department replaces vehicles based on mileage. Patrol cruisers are replaced after 3 years or 75,000 miles within the warranty period. This policy reduces maintenance cost and ensures officer safety. Replaced police vehicles are typically rotated to other Town departments for use. Highway and Parks Departments replace equipment based on usage and condition. The vehicle may have rust and erosion due to road or work conditions that require replacement sooner than the recommended useful life. The general rule is to replace this equipment every 15 to 20 years. Cost estimates are based on State bid contracts or MSRP. The Senior Center buses need to be replaced every 5 years per State recommendation.

ECONOMIC DEVELOPMENT

Various Sidewalk Projects - $465,000

Sidewalks on Lower Main Street ($135,000)

Sidewalks on Main Street from the Merritt Parkway (exit 48) to the Bridgeport Border. This is approximately .4 of a mile on each side. The sidewalk will improve the safety of residents walking to the shopping park, as well as protect students boarding buses on Main Street.

The sidewalks are needed for safety reasons as well as for the purpose of revitalizing the gateway of Trumbull from the Bridgeport border to the Merritt Parkway. Many residents with children have complained about the dangers of having their children walk to the school bus stop on Main Street because there are no sidewalks. Without sidewalks risks may potentially increase as some of the homes on Main Street convert to professional offices (as is allowed by zoning code) and the mall expands. The Planning and Zoning Commission has also expressed interest in sidewalks in this area.

Sidewalks on Whitney Avenue from Main Street to Indian Ledge Park ($195,000)

The purpose is to provide greater safety and pedestrian connectivity between the park, the Rails to Trails, and the commercial lifestyle area at Long Hill Green. Sidewalks will only be implemented on the south side of Whitney. Estimated length is ½ mile. Costs include blasting, leveling, and some potential movement of utilities. The Planning and Zoning Commission has expressed interest in sidewalks in this area.

Sidewalks on Main Street from Whitney Avenue to Gisella Road ($135,000)

The purpose is to provide greater safety and foster more pedestrian oriented transit in the Long Hill Green Mixed Use District and to the Rails-to-Trails and Indian Ledge section of Whitney Avenue. Sidewalks will only be implemented on the south side of Whitney.
Estimated length is ½ mile. The Planning and Zoning Commission has expressed interest in sidewalks in this area.

Paving of the Trumbull Corporate Park – Merritt Boulevard - $105,000

Repaving of the Corporate Park is long over due, and businesses have complained about the tired and unsafe appearance of the park for several years. The purpose is to improve Trumbull's competitiveness against neighboring towns with newer, more upgraded business parks so that we are better able to attract and retain our business tax base at Trumbull Corporate Park.

Trumbull has the opportunity to receive $320,000 in federal transporation funding to repave the longest of the three roads, Merritt Boulevard, as long as the project is completed by June 30, 2011. Federal funding prohibits reimbursement for the cost of design work ($25,000). The Town would need to provide a twenty percent match to the federal funding in the amount of $80,000. The total Town investment would be $105,000 and the federal funding would be $320,000. See below for additional repaving to Trumbull Corporate Park.

Paving of the Trumbull Corporate Park – Nutmeg Drive and Commerce Drive - $200,000

See above summary. Due to funding regulations, the federal grant will not cover the cost of paving the adjoining roads of Nutmeg Drive and Commerce Drive as part of the Merritt Boulevard project. Paving consists of approximately 1.5 miles of road (Merritt Boulevard, Nutmeg Drive, and Commerce Drive).

Proposed paving amounts for Sewer Project Contracts III and IV were not available at the time of this report.

Emergency Exit at the Trumbull Corporate Park - $50,000

Purpose is to provide an emergency exit out of the Corporate Park(onto Route 8) in the event of a catastrophic incident. This has been requested by several of the businesses that are currently located in the Corporate Park. In addition, the lack of an emergency exit has been an expressed concern of prospective businesses over the past few years. The access would be opened by Town or State emergency officials only.

Nature Center & Ranger Station - $1,100,000

5,000 sqare foot facility to encompass both the new Nature Center and Ranger Station. The facility will replace two existing facilities. Cost includes equipment from existing facilities including playground and solar panels, transported from exisiting sites to new facility. Location to be determined. Preliminary cost estimate was provided by Antinozzi Associates based on RS Means for square footage.

White Plains Road Engineering Traffic Study - $25,000

Study and design for traffic calming on White Plains Road near Trumbull Center to make area more pedestrian friendly and safe.

Reservoir Avenue Design and Best Use Analysis - $40,000

The purpose of this study is to provide the Town's land use boards with data that enables them to make educated decisions on the best use for this area. Due to chaning market and economic conditions, the town is likely to be confronted with applications that may not be in line with the Plan of Conservation or the Zoning Code, which were adopted under very different conditions. The analysis will determine if zoning regulations should change to reflect the current conditions.

PARK IMPROVMENTS

Park improvements are necessary for the functioning and usefulness of the recreational facilities and for safety purposes. Costs are estimated based on manufacturer quotes or professional estimate. Project costs are spread out over several years where feasible.

Abraham Nichols Barn Roof Replacement - $15,000

Historic facility used by Parks and Historical Society for storage. Replacement of roof shingles needed to protect the equipment and materials being stored.

Twin Brooks Beach Parking Lot - $29,700

Resurface and repair the parking lot at site. Cost estimated at 330 tons of material x $90/ton.

OTHER PROJECTS

Highway Salt Shed - $175,000

Enclosure for salt/sand pile required to comply with DEP regulations.

Highway Pre-engineered Garages - $400,000

Garages to accommodate new fleet of plows and other equipment.

Transfer Station Improvements - $250,000

Heating is needed onsite to protect the mechanical components and operations. The building has sustained structural damage that needs further investigation to repair. Doors need to be repaired or replaced. The Main Hopper need repair. Paint, lighting, signage, and curbing stops and bumpers are also recommended safety improvements.

Town Hall Window Shutters - $20,000

The Town received ARRA funding through the Energy Efficiency and Conservation Block Grant program for window replacement at Town Hall. The shutters are not an eligible cost and would be prudent to complete at the same time as the window replacement for labor cost savings.

Berkshire Avenue Storage Garage - $60,000

Part of the structure will be repurposed as the Emergency Management storage and staging facility. The cost will replace the roof to ensure this equipment is protected as well as the Voter Registration's materials and equipment.

Engineering Survey Equipment - $18,000

Replacement of 40 year old survey equipment: Leica TPS1200 Total Statin, Allegro Data Collector, 3 tripods and 3 prisms. The existing equipment is antiquated and performs erratically. The

equipment also requires more time to use and is prone to errors. New equipment will provide efficiency and free up staff to work on other projects.

Tax Collector Cashier Security Counter - $10,000

Security partitions and counters for Tax Collector office including ergonomic furniture. Security for this office is a top priority based on Internal Audit report. Specs prepared by in-house engineer and cost estimate based on vendor quotes.

Reconfiguration of Town Clerk Office Space - $10,065

Search terminals are currently located in the vault due to space limitations in violation of State Law. The plan would reconfigure the office to include part of the unused hallway for search terminals and open up the area to increase visibility to meet safety and customer service needs. Design specs and cost estimate prepared by in-house engineer.

Town Clerk Vault Shelving - $12,000

Replace storage shelving in vault that is unusable due to layout. State Law governs how documents must be stored and made accessible. Cost is estimated.

Trumbull Main Library Furnishings - $28,000

Modernize public library facilities with replacement of furnishings. Replace furnishings over 35 years old with modern rectangular tables and chairs for patron use. Cost estimated at $1,000 each table x 10 tables and 40 chairs at $250 each. Comfortable stuffed chair seating to scatter throughout library for quiet reading similar to bookstore layouts. Stuffed chairs estimated at $1,000 each for 8 chairs.

Highway GPS - $71,550

GPS will be installed in Public Works vehicles. The system will be used for safety; fleet and personnel management. Cost is based on vendor quote of $435 for a one-time start up fee per vehicle and another $360 annual cost per vehicle x 90 vehicles at time of purchase. After the first year, $32,400 ($360 per vehicle x 90 vehicles) will need to be budgeted for service and maintenance contract expense.

Highway Wash Bay - $150,000

To replace inoperable wash bay used to clean and maintain all Town vehicles. Currently there is no hot water or pressure washing available. The structure will not accommodate the larger Public Works trucks, which need to be thoroughly cleaned of salt and debris for operational safety and fuel efficiency. The cost is based on use of in-house labor to construct a new bay.

Senior Center Additional Parking - $30,360

Project would remove the playground which is not used by the seniors and add 69 additional parking spaces.

Town-wide Energy Audit - $50,000

Funding for consulting firm to perform formal energy audit of town facilities and determine cost-effective energy efficient programs and solutions.

EMS Radio System - $250,000

The FCC mandate for narrowband compliance will make current communications system being used illegal after December 31, 2013. To bring the system into compliance for use the Town needs to purchase and install new base stations and compliant portable devices at EMS headquarters. The deadline is not expected to be extended again by the FCC. Cost based on estimate from vendor.

PUBLIC SAFETY

Communication Center - $1,550,000

Jacunski Humes Architects, LLC, has drafted plans for a redesigned communication center. Discussions are in process for a regional center to incorporate Trumbull, Monroe and Easton. Even if the regional center moves forward, the current communication equipment is reaching the end of its warranty life expectancy and will be obsolete and need to be upgraded to a Digital System. An equipment upgrade is necessary for the 2011-12 budget year.

Cell Block Modifications - $100,000

Replace the barred cells with clear, heavy plastic cell doors to offer greater visibility for both officer and prisoner safety.

Locker Room Expansion - $200,000 (included in Antinozzi Report – See Public Facilities Capital)

Replace existing lockers and expand locker room to accommodate the needs of sworn officers and civilian personnel. Due to a lack of space, lockers presently line the hallway in the basement causing a safety issue. Lockers are sized too small to accommodate critical equipment and uniform storage.

Perimeter Fencing - $65,000

Fencing to secure the area behind the facility. Currently non-authorized private vehicles can drive through this area to exit the parking lot. Approximately 984 linear feet of high chain link fencing is needed with two sliding gates operated by a card key.

Radio Amplification System - $90,000

Radio amplification system for Trumbull High School area to allow police to communicate via radio when responding to school incidents.

Police Annex Building - $200,000

A 24 x 30 foot cinder block and brick face building is needed on the rear of the property to offer a secure area for processing impounded vehicles and storage.

TECHNOLOGY

Technology projects are those identified as critical and necessary for the continued secure operation of the Town. The projects have been prioritized by the Technology Department. A brief description of each follows:

Domain Recovery / Server & Storage – State regulations require off site server and storage along with a disaster recovery plan for Town data. Off site location identified is Senior Center Building.

Domain Controllers – Used to validate credentials when logging into computer system. Currently controllers are not redundant (no backup system).

Email Server Support – Current server does not support all of Town. Upgrade necessary.

Storage Infrastructure – Upgrade and centralize storage infrastructure to accommodate the growing amount of electronic data from paperless office transactions.

Network Consultant – Analysis of Trumbull's data and IT infrastructure to make recommendations on modernizing system to meet future technology needs.

Time & Attendance System – Card and biometric identification system used to track employee work hours to be integrated with financial system. Cost based on vendor quote for equipment, software, implementation and training. Includes first year of system maintenance.

Wireless Network – Network to allow all Town buildings access to system.

ENTERPRISE

Tashua Knolls Golf Course projects were proposed by the General Manager based on priorities set by the Commission. Cost estimates were provided by TKGC and spread out over several years when applicable.

Town of Trumbull, CT

Debt Schedule Assumptions

Existing plus Proposed Bonding

Bond Date	Size	Additional	Rate	Purpose
September 1, 2011	18,920,000		3.50%	1/2 of HS + 1/2 of Sewer
September 1, 2012	18,920,000		4.00%	1/2 of HS + 1/2 of Sewer
September 1, 2013			4.00%	
September 1, 2014			4.50%	
September 1, 2015			4.50%	
TOTAL	37,840,000	-	37,840,000	

Actual Bond sizes would be 16.67 (HS) + 9MM for sewer but this shows the 25% net for budget purposes

	Start (FY 2011)	Growth Rate
Grand List (10-1-09)	5,114,138,925	1.50%
Budget	135,984,048	3.00%

NET Oustanding (as of 7/1/10)	
GP	24,221,360
Schools	56,134,700
Sewer (25%)	14,492,485
Golf (not incl in schedules)	3,039,000
	97,887,545
Less Golf	(3,039,000)
Total Net Outstanding	94,848,545

Gross Oustanding (as of 7/1/10)	
GP	24,221,360
Schools	56,134,700
Sewer (100%)	57,969,940
Golf (not incl in schedules	3,745,000
Total Gross Outstanding	142,071,000

Includes 2010 issues

	Proposed Issues by Project	Sep-01, 2011	Sep-01, 2012	Sep-01, 2013	Sep-01, 2014	Sep-01, 2015
	HS Left to be bonded (NET)	33,340,000				
	Sewer left to be bonded	18,000,000				
68%	BOE NET (68% of tot)	16,670,000	16,670,000			33,340,000
25%	Sewer NET (25% of tot)	2,250,000	2,250,000			4,500,000
	Town Hall					-
	Sr Ctr					-
Net	Library					-
Costs	Police					-
To	Animal Shelter					-
Town	Tennis Courts					-
	PW					-
	Parks					-
	Totals	18,920,000	18,920,000			37,840,000
	ROUNDED	18,920,000	18,920,000			37,840,000

	18,920,000 Dated: September, 01, 2011			18,920,000 Dated: September, 01, 2012			- Dated: September, 01, 2013			- Dated: September, 01, 2014			- Dated: September, 01, 2015		
Fiscal Year	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*
2011	-		-			-			-			-			-
2012	-	331,100	331,100			-			-			-			-
2013	946,000	645,645	1,591,645	-	378,400	378,400			-			-			-
2014	946,000	612,535	1,558,535	946,000	737,880	1,683,880	-	-	-			-			-
2015	946,000	579,425	1,525,425	946,000	700,040	1,646,040	-	-	-	-	-	-			-
2016	946,000	546,315	1,492,315	946,000	662,200	1,608,200	-	-	-	-	-	-	-	-	-
2017	946,000	513,205	1,459,205	946,000	624,360	1,570,360	-	-	-	-	-	-	-	-	-
2018	946,000	480,095	1,426,095	946,000	586,520	1,532,520	-	-	-	-	-	-	-	-	-
2019	946,000	446,985	1,392,985	946,000	548,680	1,494,680	-	-	-	-	-	-	-	-	-
2020	946,000	413,875	1,359,875	946,000	510,840	1,456,840	-	-	-	-	-	-	-	-	-
2021	946,000	380,765	1,326,765	946,000	473,000	1,419,000	-	-	-	-	-	-	-	-	-
2022	946,000	347,655	1,293,655	946,000	435,160	1,381,160	-	-	-	-	-	-	-	-	-
2023	946,000	314,545	1,260,545	946,000	397,320	1,343,320	-	-	-	-	-	-	-	-	-
2024	946,000	281,435	1,227,435	946,000	359,480	1,305,480	-	-	-	-	-	-	-	-	-
2025	946,000	248,325	1,194,325	946,000	321,640	1,267,640	-	-	-	-	-	-	-	-	-
2026	946,000	215,215	1,161,215	946,000	283,800	1,229,800	-	-	-	-	-	-	-	-	-
2027	946,000	182,105	1,128,105	946,000	245,960	1,191,960	-	-	-	-	-	-	-	-	-
2028	946,000	148,995	1,094,995	946,000	208,120	1,154,120	-	-	-	-	-	-	-	-	-
2029	946,000	115,885	1,061,885	946,000	170,280	1,116,280	-	-	-	-	-	-	-	-	-
2030	946,000	82,775	1,028,775	946,000	132,440	1,078,440	-	-	-	-	-	-	-	-	-
2031	946,000	49,665	995,665	946,000	94,600	1,040,600	-	-	-	-	-	-	-	-	-
2032	946,000	16,555	962,555	946,000	56,760	1,002,760	-	-	-	-	-	-	-	-	-
2033			-	946,000	18,920	964,920	-	-	-	-	-	-	-	-	-
2034			-			-	-	-	-	-	-	-	-	-	-
2035			-			-			-	-	-	-	-	-	-
2036			-			-			-			-	-	-	-
	18,920,000	6,953,100	25,873,100	18,920,000	7,946,400	26,866,400	0	0	0	0	0	0	0	0	0

NOTE: GOLF DEBT IS EXCLUDED FROM ABOVE.

37,840,000 Total NEW Debt Service (est)				1.50%							3.00%			
Principal	*Interest*	*Total*	*Total Net Existing + New*	*Year/Year Change*	*Annual Increase to Grand List*	*Value of 1 Mill*	*Existing Mill Rate for Debt Service*	*New Debt Mill Rate Impact*	*Total Mill Rate For DS*	*New Debt Impact to $300,000 Assessment*	*Add'l Projs Impact to $300,000 Assessment*	*Annual Growth in Total Expenditures*	*Total Net Debt as a % of Exp*	*10% of Budget*	*Difference Above or (Below) 10% of Budget*
-	-	-	9,936,131	0	5,114,138,925	5,114,139	1.94	-	1.94	-	-	135,984,048	7.31%	13,598,405	(3,662,274)
-	331,100	331,100	10,806,006	869,875	5,190,851,009	5,190,851	2.02	0.06	2.08	19.14	-	140,063,569	7.72%	14,006,357	(3,200,351)
946,000	1,024,045	1,970,045	12,081,991	1,275,985	5,268,713,774	5,268,714	1.92	0.37	2.29	112.17	-	144,265,477	8.37%	14,426,548	(2,344,556)
1,892,000	1,350,415	3,242,415	12,863,301	781,310	5,347,744,481	5,347,744	1.80	0.61	2.41	181.89	-	148,593,441	8.66%	14,859,344	(1,996,043)
1,892,000	1,279,465	3,171,465	12,579,499	(283,802)	5,427,960,648	5,427,961	1.73	0.58	2.32	175.28	-	153,051,244	8.22%	15,305,124	(2,725,625)
1,892,000	1,208,515	3,100,515	12,167,640	(411,859)	5,509,380,058	5,509,380	1.65	0.56	2.21	168.83	-	157,642,781	7.72%	15,764,278	(3,596,638)
1,892,000	1,137,565	3,029,565	11,177,478	(990,162)	5,592,020,758	5,592,021	1.46	0.54	2.00	162.53	-	162,372,065	6.88%	16,237,206	(5,059,728)
1,892,000	1,066,615	2,958,615	10,940,533	(236,945)	5,675,901,070	5,675,901	1.41	0.52	1.93	156.38	-	167,243,227	6.54%	16,724,323	(5,783,790)
1,892,000	995,665	2,887,665	9,514,919	(1,425,614)	5,761,039,586	5,761,040	1.15	0.50	1.65	150.37	-	172,260,524	5.52%	17,226,052	(7,711,133)
1,892,000	924,715	2,816,715	9,237,880	(277,039)	5,847,455,180	5,847,455	1.10	0.48	1.58	144.51	-	177,428,339	5.21%	17,742,834	(8,504,954)
1,892,000	853,765	2,745,765	8,967,059	(270,821)	5,935,167,007	5,935,167	1.05	0.46	1.51	138.79	-	182,751,189	4.91%	18,275,119	(9,308,060)
1,892,000	782,815	2,674,815	8,173,826	(793,232)	6,024,194,512	6,024,195	0.91	0.44	1.36	133.20	-	188,233,725	4.34%	18,823,373	(10,649,546)
1,892,000	711,865	2,603,865	7,500,129	(673,697)	6,114,557,430	6,114,557	0.80	0.43	1.23	127.75	-	193,880,737	3.87%	19,388,074	(11,887,944)
1,892,000	640,915	2,532,915	7,161,739	(338,390)	6,206,275,792	6,206,276	0.75	0.41	1.15	122.44	-	199,697,159	3.59%	19,969,716	(12,807,977)
1,892,000	569,965	2,461,965	5,725,527	(1,436,212)	6,299,369,928	6,299,370	0.52	0.39	0.91	117.25	-	205,688,074	2.78%	20,568,807	(14,843,281)
1,892,000	499,015	2,391,015	5,589,324	(136,202)	6,393,860,477	6,393,860	0.50	0.37	0.87	112.19	-	211,858,716	2.64%	21,185,872	(15,596,547)
1,892,000	428,065	2,320,065	5,049,078	(540,246)	6,489,768,385	6,489,768	0.42	0.36	0.78	107.25	-	218,214,477	2.31%	21,821,448	(16,772,370)
1,892,000	357,115	2,249,115	4,130,991	(918,087)	6,587,114,910	6,587,115	0.29	0.34	0.63	102.43	-	224,760,912	1.84%	22,476,091	(18,345,100)
1,892,000	286,165	2,178,165	3,514,442	(616,549)	6,685,921,634	6,685,922	0.20	0.33	0.53	97.74	-	231,503,739	1.52%	23,150,374	(19,635,932)
1,892,000	215,215	2,107,215	3,141,790	(372,652)	6,786,210,458	6,786,210	0.15	0.31	0.46	93.15	-	238,448,851	1.32%	23,844,885	(20,703,095)
1,892,000	144,265	2,036,265	2,697,640	(444,150)	6,888,003,615	6,888,004	0.10	0.30	0.39	88.69	-	245,602,317	1.10%	24,560,232	(21,862,592)
1,892,000	73,315	1,965,315	1,965,315	(732,325)	6,991,323,670	6,991,324	-	0.28	0.28	84.33	-	252,970,386	0.78%	25,297,039	(23,331,724)
946,000	18,920	964,920	964,920	(1,000,395)	7,096,193,525	7,096,194	-	0.14	0.14	40.79	-	260,559,498	0.37%	26,055,950	(25,091,030)
-	-	-	-	(964,920)	7,202,636,427	7,202,636	-	-	-	-	-	268,376,283	0.00%	26,837,628	(26,837,628)
-	-	-	-	0	7,310,675,974	7,310,676	-	-	-	-	-	276,427,571	0.00%	27,642,757	(27,642,757)
-	-	-	-	0	7,420,336,113	7,420,336	-	-	-	-	-	284,720,398	0.00%	28,472,040	(28,472,040)
37,840,000	14,899,500	52,739,500	175,887,159							2,637.11	-				
37,840,000	14,899,500	52,739,500	175,887,159												

	22,121,422 Dated: September, 01, 2011			50,385,029 Dated: September, 01, 2012			26,774,285 Dated: September, 01, 2013			32,556,278 Dated: September, 01, 2014			22,191,172 Dated: September, 01, 2015		
Fiscal Year	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*
2011	-		-			-			-			-			-
2012	-	387,125	387,125			-			-			-			-
2013	1,106,071	754,894	1,860,965	-	1,007,701	1,007,701			-			-			-
2014	1,106,071	716,181	1,822,252	2,519,251	1,965,016	4,484,268	-	535,486	535,486			-			-
2015	1,106,071	677,469	1,783,540	2,519,251	1,864,246	4,383,498	1,338,714	1,044,197	2,382,911	-	732,516	732,516			-
2016	1,106,071	638,756	1,744,827	2,519,251	1,763,476	4,282,727	1,338,714	990,649	2,329,363	1,627,814	1,428,407	3,056,221	-	499,301	499,301
2017	1,106,071	600,044	1,706,115	2,519,251	1,662,706	4,181,957	1,338,714	937,100	2,275,814	1,627,814	1,355,155	2,982,969	1,109,559	923,708	2,033,266
2018	1,106,071	561,331	1,667,402	2,519,251	1,561,936	4,081,187	1,338,714	883,551	2,222,266	1,627,814	1,281,903	2,909,717	1,109,559	873,777	1,983,336
2019	1,106,071	522,619	1,628,690	2,519,251	1,461,166	3,980,417	1,338,714	830,003	2,168,717	1,627,814	1,208,652	2,836,466	1,109,559	823,847	1,933,406
2020	1,106,071	483,906	1,589,977	2,519,251	1,360,396	3,879,647	1,338,714	776,454	2,115,169	1,627,814	1,135,400	2,763,214	1,109,559	773,917	1,883,476
2021	1,106,071	445,194	1,551,265	2,519,251	1,259,626	3,778,877	1,338,714	722,906	2,061,620	1,627,814	1,062,149	2,689,962	1,109,559	723,987	1,833,546
2022	1,106,071	406,481	1,512,552	2,519,251	1,158,856	3,678,107	1,338,714	669,357	2,008,071	1,627,814	988,897	2,616,711	1,109,559	674,057	1,783,615
2023	1,106,071	367,769	1,473,840	2,519,251	1,058,086	3,577,337	1,338,714	615,809	1,954,523	1,627,814	915,645	2,543,459	1,109,559	624,127	1,733,685
2024	1,106,071	329,056	1,435,127	2,519,251	957,316	3,476,567	1,338,714	562,260	1,900,974	1,627,814	842,394	2,470,208	1,109,559	574,197	1,683,755
2025	1,106,071	290,344	1,396,415	2,519,251	856,545	3,375,797	1,338,714	508,711	1,847,426	1,627,814	769,142	2,396,956	1,109,559	524,266	1,633,825
2026	1,106,071	251,631	1,357,702	2,519,251	755,775	3,275,027	1,338,714	455,163	1,793,877	1,627,814	695,890	2,323,704	1,109,559	474,336	1,583,895
2027	1,106,071	212,919	1,318,990	2,519,251	655,005	3,174,257	1,338,714	401,614	1,740,329	1,627,814	622,639	2,250,453	1,109,559	424,406	1,533,965
2028	1,106,071	174,206	1,280,277	2,519,251	554,235	3,073,487	1,338,714	348,066	1,686,780	1,627,814	549,387	2,177,201	1,109,559	374,476	1,484,035
2029	1,106,071	135,494	1,241,565	2,519,251	453,465	2,972,717	1,338,714	294,517	1,633,231	1,627,814	476,136	2,103,949	1,109,559	324,546	1,434,104
2030	1,106,071	96,781	1,202,852	2,519,251	352,695	2,871,947	1,338,714	240,969	1,579,683	1,627,814	402,884	2,030,698	1,109,559	274,616	1,384,174
2031	1,106,071	58,069	1,164,140	2,519,251	251,925	2,771,177	1,338,714	187,420	1,526,134	1,627,814	329,632	1,957,446	1,109,559	224,686	1,334,244
2032	1,106,071	19,356	1,125,427	2,519,251	151,155	2,670,407	1,338,714	133,871	1,472,586	1,627,814	256,381	1,884,195	1,109,559	174,755	1,284,314
2033			-	2,519,251	50,385	2,569,636	1,338,714	80,323	1,419,037	1,627,814	183,129	1,810,943	1,109,559	124,825	1,234,384
2034			-			-	1,338,714	26,774	1,365,489	1,627,814	109,877	1,737,691	1,109,559	74,895	1,184,454
2035			-			-			-	1,627,814	36,626	1,664,440	1,109,559	74,895	1,184,454
2036			-			-			-			-	1,109,559	24,965	1,134,524
	22,121,422	8,129,623	30,251,045	50,385,029	21,161,712	71,546,741	26,774,285	11,245,200	38,019,485	32,556,278	15,382,841	47,939,119	22,191,172	9,586,586	31,777,758
	-			-			-			-			-		

NOTE: GOLF DEBT IS EXCLUDED FROM ABOVE.

Town of Trumbull, CT

BOE and TOWN CIP CY2011-2015

Debt Schedule Assumptions

Existing plus Proposed Bonding

Bond Date	Size	Additional	Rate	Purpose
September 1, 2011	18,920,000	3,201,422	3.50%	1/2 of HS + 1/2 of Sewer
September 1, 2012	18,920,000	31,465,029	4.00%	1/2 of HS + 1/2 of Sewer
September 1, 2013	26,774,285		4.00%	
September 1, 2014	32,556,278		4.50%	
September 1, 2015	22,191,172		4.50%	
TOTAL	119,361,735	34,666,451	154,028,186	

Actual Bond sizes would be 16.67 (HS) + 9MM for sewer but this shows the 25% net for budget purposes

	Start (FY 2011)	Growth Rate
Grand List (10-1-09)	5,114,138,925	1.50%
Budget	135,984,048	3.00%

NET Oustanding (as of 7/1/10)	
GP	24,221,360
Schools	56,134,700
Sewer (25%)	14,492,485
Golf (not incl in schedules)	3,039,000
	97,887,545
Less Golf	(3,039,000)
Total Net Outstanding	94,848,545

Gross Oustanding (as of 7/1/10)	
GP	24,221,360
Schools	56,134,700
Sewer (100%)	57,969,940
Golf (not incl in schedules	3,745,000
Total Gross Outstanding	142,071,000

Includes 2010 issues

	Proposed Issues by Project	Sep-01, 2011	Sep-01, 2012	Sep-01, 2013	Sep-01, 2014	Sep-01, 2015
	HS Left to be bonded (NET)	33,340,000				
	Sewer left to be bonded	18,000,000				
68%	BOE NET (68% of tot)	16,670,000	16,670,000			33,340,000
25%	Sewer NET (25% of tot)	2,250,000	2,250,000			4,500,000
	Town Hall					-
	Sr Ctr					-
Net	Library					-
Costs	Police					-
To	Animal Shelter					-
Town	Tennis Courts					-
	PW					-
	Parks					-
	Totals	18,920,000	18,920,000			37,840,000
	ROUNDED	18,920,000	18,920,000			37,840,000

154,028,186 Total NEW Debt Service (est)				1.50%							3.00%			
Principal	*Interest*	*Total*	*Total Net Existing + New*	*Year/Year Change*	*Annual Increase to Grand List*	*Value of 1 Mill*	*Existing Mill Rate for Debt Service*	*New Debt Mill Rate Impact*	*Total Mill Rate For DS*	*New Debt Impact to $300,000 Assessment*	*Add'l Projs Impact to $300,000 Assessment*	*Annual Growth in Total Expenditures*	*Total Net Debt as a % of Exp*	*10% of Budget*	*Difference Above or (Below) 10% of Budget*
-	-	-	9,936,131	0	5,114,138,925	5,114,139	1.94	-	1.94	-	-	135,984,048	7.31%	13,598,405	(3,662,274)
-	387,125	387,125	10,862,031	925,900	5,190,851,009	5,190,851	2.02	0.07	2.09	22.37	-	140,063,569	7.76%	14,006,357	(3,144,326)
1,106,071	1,762,594	2,868,665	12,980,612	2,118,580	5,268,713,774	5,268,714	1.92	0.54	2.46	163.34	-	144,265,477	9.00%	14,426,548	(1,445,936)
3,625,323	3,216,683	6,842,005	16,462,891	3,482,280	5,347,744,481	5,347,744	1.80	1.28	3.08	383.83	-	148,593,441	11.08%	14,859,344	1,603,547
4,964,037	4,318,428	9,282,465	18,690,499	2,227,608	5,427,960,648	5,427,961	1.73	1.71	3.44	513.04	-	153,051,244	12.21%	15,305,124	3,385,375
6,591,851	5,320,589	11,912,439	20,979,565	2,289,066	5,509,380,058	5,509,380	1.65	2.16	3.81	648.66	-	157,642,781	13.31%	15,764,278	5,215,287
7,701,409	5,478,712	13,180,121	21,328,034	348,470	5,592,020,758	5,592,021	1.46	2.36	3.81	707.09	-	162,372,065	13.14%	16,237,206	5,090,828
7,701,409	5,162,499	12,863,909	20,845,826	(482,208)	5,675,901,070	5,675,901	1.41	2.27	3.67	679.92	-	167,243,227	12.46%	16,724,323	4,121,504
7,701,409	4,846,286	12,547,696	19,174,950	(1,670,877)	5,761,039,586	5,761,040	1.15	2.18	3.33	653.41	-	172,260,524	11.13%	17,226,052	1,948,897
7,701,409	4,530,073	12,231,483	18,652,648	(522,302)	5,847,455,180	5,847,455	1.10	2.09	3.19	627.53	-	177,428,339	10.51%	17,742,834	909,814
7,701,409	4,213,861	11,915,270	18,136,564	(516,084)	5,935,167,007	5,935,167	1.05	2.01	3.06	602.27	-	182,751,189	9.92%	18,275,119	(138,555)
7,701,409	3,897,648	11,599,057	17,098,069	(1,038,495)	6,024,194,512	6,024,195	0.91	1.93	2.84	577.62	-	188,233,725	9.08%	18,823,373	(1,725,304)
7,701,409	3,581,435	11,282,844	16,179,109	(918,960)	6,114,557,430	6,114,557	0.80	1.85	2.65	553.57	-	193,880,737	8.34%	19,388,074	(3,208,965)
7,701,409	3,265,222	10,966,631	15,595,455	(583,653)	6,206,275,792	6,206,276	0.75	1.77	2.51	530.11	-	199,697,159	7.81%	19,969,716	(4,374,261)
7,701,409	2,949,009	10,650,418	13,913,980	(1,681,475)	6,299,369,928	6,299,370	0.52	1.69	2.21	507.21	-	205,688,074	6.76%	20,568,807	(6,654,827)
7,701,409	2,632,796	10,334,205	13,532,515	(381,465)	6,393,860,477	6,393,860	0.50	1.62	2.12	484.88	-	211,858,716	6.39%	21,185,872	(7,653,357)
7,701,409	2,316,583	10,017,993	12,747,006	(785,509)	6,489,768,385	6,489,768	0.42	1.54	1.96	463.10	-	218,214,477	5.84%	21,821,448	(9,074,442)
7,701,409	2,000,370	9,701,780	11,583,656	(1,163,350)	6,587,114,910	6,587,115	0.29	1.47	1.76	441.85	-	224,760,912	5.15%	22,476,091	(10,892,435)
7,701,409	1,684,158	9,385,567	10,721,843	(861,812)	6,685,921,634	6,685,922	0.20	1.40	1.60	421.13	-	231,503,739	4.63%	23,150,374	(12,428,530)
7,701,409	1,367,945	9,069,354	10,103,929	(617,914)	6,786,210,458	6,786,210	0.15	1.34	1.49	400.93	-	238,448,851	4.24%	23,844,885	(13,740,956)
7,701,409	1,051,732	8,753,141	9,414,516	(689,413)	6,888,003,615	6,888,004	0.10	1.27	1.37	381.23	-	245,602,317	3.83%	24,560,232	(15,145,716)
7,701,409	735,519	8,436,928	8,436,928	(977,588)	6,991,323,670	6,991,324	-	1.21	1.21	362.03	-	252,970,386	3.34%	25,297,039	(16,860,110)
6,595,338	438,662	7,034,000	7,034,000	(1,402,928)	7,096,193,525	7,096,194	-	0.99	0.99	297.37	-	260,559,498	2.70%	26,055,950	(19,021,949)
4,076,087	211,547	4,287,634	4,287,634	(2,746,367)	7,202,636,427	7,202,636	-	0.60	0.60	178.59	-	268,376,283	1.60%	26,837,628	(22,549,995)
2,737,373	111,521	2,848,894	2,848,894	(1,438,740)	7,310,675,974	7,310,676	-	0.39	0.39	116.91	-	276,427,571	1.03%	27,642,757	(24,793,864)
1,109,559	24,965	1,134,524	1,134,524	(1,714,370)	7,420,336,113	7,420,336	-	0.15	0.15	45.87	-	284,720,398	0.40%	28,472,040	(27,337,516)
154,028,186	65,505,962	219,534,148	342,681,808							10,763.87	-				
154,028,186	65,505,962	219,534,148	342,681,808												

	19,056,000 Dated: September, 01, 2011			42,219,757 Dated: September, 01, 2012			20,086,768 Dated: September, 01, 2013			25,533,844 Dated: September, 01, 2014			12,756,454 Dated: September, 01, 2015		
Fiscal Year	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*
2011	-		-			-			-			-			-
2012	-	333,480	333,480			-			-			-			-
2013	952,800	650,286	1,603,086	-	844,395	844,395			-			-			-
2014	952,800	616,938	1,569,738	2,110,988	1,646,571	3,757,558	-	401,735	401,735			-			-
2015	952,800	583,590	1,536,390	2,110,988	1,562,131	3,673,119	1,004,338	783,384	1,787,722	-	574,511	574,511			-
2016	952,800	550,242	1,503,042	2,110,988	1,477,691	3,588,679	1,004,338	743,210	1,747,549	1,276,692	1,120,297	2,396,990	-	287,020	287,020
2017	952,800	516,894	1,469,694	2,110,988	1,393,252	3,504,240	1,004,338	703,037	1,707,375	1,276,692	1,062,846	2,339,538	637,823	530,987	1,168,810
2018	952,800	483,546	1,436,346	2,110,988	1,308,812	3,419,800	1,004,338	662,863	1,667,202	1,276,692	1,005,395	2,282,087	637,823	502,285	1,140,108
2019	952,800	450,198	1,402,998	2,110,988	1,224,373	3,335,361	1,004,338	622,690	1,627,028	1,276,692	947,944	2,224,636	637,823	473,583	1,111,406
2020	952,800	416,850	1,369,650	2,110,988	1,139,933	3,250,921	1,004,338	582,516	1,586,855	1,276,692	890,493	2,167,185	637,823	444,881	1,082,704
2021	952,800	383,502	1,336,302	2,110,988	1,055,494	3,166,482	1,004,338	542,343	1,546,681	1,276,692	833,042	2,109,734	637,823	416,179	1,054,002
2022	952,800	350,154	1,302,954	2,110,988	971,054	3,082,042	1,004,338	502,169	1,506,508	1,276,692	775,591	2,052,283	637,823	387,477	1,025,300
2023	952,800	316,806	1,269,606	2,110,988	886,615	2,997,603	1,004,338	461,996	1,466,334	1,276,692	718,139	1,994,832	637,823	358,775	996,598
2024	952,800	283,458	1,236,258	2,110,988	802,175	2,913,163	1,004,338	421,822	1,426,161	1,276,692	660,688	1,937,380	637,823	330,073	967,896
2025	952,800	250,110	1,202,910	2,110,988	717,736	2,828,724	1,004,338	381,649	1,385,987	1,276,692	603,237	1,879,929	637,823	301,371	939,194
2026	952,800	216,762	1,169,562	2,110,988	633,296	2,744,284	1,004,338	341,475	1,345,813	1,276,692	545,786	1,822,478	637,823	272,669	910,492
2027	952,800	183,414	1,136,214	2,110,988	548,857	2,659,845	1,004,338	301,302	1,305,640	1,276,692	488,335	1,765,027	637,823	243,967	881,790
2028	952,800	150,066	1,102,866	2,110,988	464,417	2,575,405	1,004,338	261,128	1,265,466	1,276,692	430,884	1,707,576	637,823	215,265	853,088
2029	952,800	116,718	1,069,518	2,110,988	379,978	2,490,966	1,004,338	220,954	1,225,293	1,276,692	373,432	1,650,125	637,823	186,563	824,386
2030	952,800	83,370	1,036,170	2,110,988	295,538	2,406,526	1,004,338	180,781	1,185,119	1,276,692	315,981	1,592,674	637,823	157,861	795,684
2031	952,800	50,022	1,002,822	2,110,988	211,099	2,322,087	1,004,338	140,607	1,144,946	1,276,692	258,530	1,535,222	637,823	129,159	766,982
2032	952,800	16,674	969,474	2,110,988	126,659	2,237,647	1,004,338	100,434	1,104,772	1,276,692	201,079	1,477,771	637,823	100,457	738,280
2033			-	2,110,988	42,220	2,153,208	1,004,338	60,260	1,064,599	1,276,692	143,628	1,420,320	637,823	71,755	709,578
2034			-			-	1,004,338	20,087	1,024,425	1,276,692	86,177	1,362,869	637,823	43,053	680,876
2035			-			-			-	1,276,692	28,726	1,305,418	637,823	43,053	680,876
2036			-			-			-			-	637,823	14,351	652,174
	19,056,000	7,003,080	26,059,080	42,219,757	17,732,298	59,952,055	20,086,768	8,436,443	28,523,211	25,533,844	12,064,741	37,598,585	12,756,454	5,510,788	18,267,242
	-			-			-			-			-		

NOTE: GOLF DEBT IS EXCLUDED FROM ABOVE.

Town of Trumbull, CT

BOE CIP CY2011-2015

Debt Schedule Assumptions

Existing plus Proposed Bonding

Bond Date	Size	Additional	Rate	Purpose
September 1, 2011	18,920,000	136,000	3.50%	1/2 of HS + 1/2 of Sewer
September 1, 2012	18,920,000	23,299,757	4.00%	1/2 of HS + 1/2 of Sewer
September 1, 2013	20,086,768		4.00%	
September 1, 2014	25,533,844		4.50%	
September 1, 2015	12,756,454		4.50%	
TOTAL	96,217,066	23,435,757	119,652,823	

Actual Bond sizes would be 16.67 (HS) + 9MM for sewer but this shows the 25% net for budget purposes

	Start (FY 2011)	Growth Rate
Grand List (10-1-09)	5,114,138,925	1.50%
Budget	135,984,048	3.00%

NET Oustanding (as of 7/1/10)	
GP	24,221,360
Schools	56,134,700
Sewer (25%)	14,492,485
Golf (not incl in schedules)	3,039,000
	97,887,545
Less Golf	(3,039,000)
Total Net Outstanding	94,848,545

Gross Oustanding (as of 7/1/10)	
GP	24,221,360
Schools	56,134,700
Sewer (100%)	57,969,940
Golf (not incl in schedules	3,745,000
Total Gross Outstanding	142,071,000

Includes 2010 issues

	Proposed Issues by Project	Sep-01, 2011	Sep-01, 2012	Sep-01, 2013	Sep-01, 2014	Sep-01, 2015	
	HS Left to be bonded (NET)	33,340,000					
	Sewer left to be bonded	18,000,000					
68%	BOE NET (68% of tot)	16,670,000	16,670,000				33,340,000
25%	Sewer NET (25% of tot)	2,250,000	2,250,000				4,500,000
	Town Hall						-
	Sr Ctr						-
Net	Library						-
Costs	Police						-
To	Animal Shelter						-
Town	Tennis Courts						-
	PW						-
	Parks						-
	Totals	18,920,000	18,920,000				37,840,000
	ROUNDED	18,920,000	18,920,000				37,840,000

119,652,823 Total NEW Debt Service (est)				1.50%							3.00%			
Principal	*Interest*	*Total*	*Total Net Existing + New*	*Year/Year Change*	*Annual Increase to Grand List*	*Value of 1 Mill*	*Existing Mill Rate for Debt Service*	*New Debt Mill Rate Impact*	*Total Mill Rate For DS*	*New Debt Impact to $300,000 Assessment*	*Add'l Projs Impact to $300,000 Assessment*	*Annual Growth in Total Expenditures*	*Total Net Debt as a % of Exp*	*10% of Budget*	*Difference Above or (Below) 10% of Budget*
-	-	-	9,936,131	0	5,114,138,925	5,114,139	1.94	-	1.94	-	-	135,984,048	7.31%	13,598,405	(3,662,274)
-	333,480	333,480	10,808,386	872,255	5,190,851,009	5,190,851	2.02	0.06	2.08	19.27	-	140,063,569	7.72%	14,006,357	(3,197,971)
952,800	1,494,681	2,447,481	12,559,427	1,751,041	5,268,713,774	5,268,714	1.92	0.46	2.38	139.36	-	144,265,477	8.71%	14,426,548	(1,867,120)
3,063,788	2,665,244	5,729,032	15,349,918	2,790,490	5,347,744,481	5,347,744	1.80	1.07	2.87	321.39	-	148,593,441	10.33%	14,859,344	490,574
4,068,126	3,503,616	7,571,743	16,979,777	1,629,859	5,427,960,648	5,427,961	1.73	1.39	3.13	418.49	-	153,051,244	11.09%	15,305,124	1,674,653
5,344,818	4,178,462	9,523,280	18,590,405	1,610,628	5,509,380,058	5,509,380	1.65	1.73	3.37	518.57	-	157,642,781	11.79%	15,764,278	2,826,127
5,982,641	4,207,017	10,189,658	18,337,571	(252,835)	5,592,020,758	5,592,021	1.46	1.82	3.28	546.65	-	162,372,065	11.29%	16,237,206	2,100,364
5,982,641	3,962,902	9,945,543	17,927,461	(410,109)	5,675,901,070	5,675,901	1.41	1.75	3.16	525.67	-	167,243,227	10.72%	16,724,323	1,203,139
5,982,641	3,718,788	9,701,429	16,328,683	(1,598,778)	5,761,039,586	5,761,040	1.15	1.68	2.83	505.19	-	172,260,524	9.48%	17,226,052	(897,369)
5,982,641	3,474,674	9,457,315	15,878,480	(450,203)	5,847,455,180	5,847,455	1.10	1.62	2.72	485.20	-	177,428,339	8.95%	17,742,834	(1,864,354)
5,982,641	3,230,560	9,213,201	15,434,495	(443,986)	5,935,167,007	5,935,167	1.05	1.55	2.60	465.69	-	182,751,189	8.45%	18,275,119	(2,840,624)
5,982,641	2,986,445	8,969,087	14,468,098	(966,397)	6,024,194,512	6,024,195	0.91	1.49	2.40	446.65	-	188,233,725	7.69%	18,823,373	(4,355,274)
5,982,641	2,742,331	8,724,972	13,621,237	(846,861)	6,114,557,430	6,114,557	0.80	1.43	2.23	428.08	-	193,880,737	7.03%	19,388,074	(5,766,837)
5,982,641	2,498,217	8,480,858	13,109,682	(511,555)	6,206,275,792	6,206,276	0.75	1.37	2.11	409.95	-	199,697,159	6.56%	19,969,716	(6,860,034)
5,982,641	2,254,103	8,236,744	11,500,305	(1,609,377)	6,299,369,928	6,299,370	0.52	1.31	1.83	392.27	-	205,688,074	5.59%	20,568,807	(9,068,502)
5,982,641	2,009,989	7,992,630	11,190,939	(309,367)	6,393,860,477	6,393,860	0.50	1.25	1.75	375.01	-	211,858,716	5.28%	21,185,872	(9,994,933)
5,982,641	1,765,874	7,748,515	10,477,528	(713,410)	6,489,768,385	6,489,768	0.42	1.19	1.61	358.19	-	218,214,477	4.80%	21,821,448	(11,343,919)
5,982,641	1,521,760	7,504,401	9,386,277	(1,091,251)	6,587,114,910	6,587,115	0.29	1.14	1.42	341.78	-	224,760,912	4.18%	22,476,091	(13,089,814)
5,982,641	1,277,646	7,260,287	8,596,564	(789,714)	6,685,921,634	6,685,922	0.20	1.09	1.29	325.77	-	231,503,739	3.71%	23,150,374	(14,553,810)
5,982,641	1,033,532	7,016,173	8,050,748	(545,816)	6,786,210,458	6,786,210	0.15	1.03	1.19	310.17	-	238,448,851	3.38%	23,844,885	(15,794,137)
5,982,641	789,417	6,772,059	7,433,434	(617,314)	6,888,003,615	6,888,004	0.10	0.98	1.08	294.95	-	245,602,317	3.03%	24,560,232	(17,126,798)
5,982,641	545,303	6,527,944	6,527,944	(905,489)	6,991,323,670	6,991,324	-	0.93	0.93	280.12	-	252,970,386	2.58%	25,297,039	(18,769,094)
5,029,841	317,863	5,347,704	5,347,704	(1,180,240)	7,096,193,525	7,096,194	-	0.75	0.75	226.08	-	260,559,498	2.05%	26,055,950	(20,708,246)
2,918,853	149,317	3,068,170	3,068,170	(2,279,534)	7,202,636,427	7,202,636	-	0.43	0.43	127.79	-	268,376,283	1.14%	26,837,628	(23,769,458)
1,914,515	71,779	1,986,294	1,986,294	(1,081,876)	7,310,675,974	7,310,676	-	0.27	0.27	81.51	-	276,427,571	0.72%	27,642,757	(25,656,464)
637,823	14,351	652,174	652,174	(1,334,120)	7,420,336,113	7,420,336	-	0.09	0.09	26.37	-	284,720,398	0.23%	28,472,040	(27,819,866)
119,652,823	50,747,350	170,400,173	293,547,832							8,370.16	-				
119,652,823	50,747,350	170,400,173	293,547,832												

Town of Trumbull, CT

TOWN CIP CY2011-2015

Debt Schedule Assumptions

Existing plus Proposed Bonding

Bond Date	Size	Additional	Rate	Purpose
September 1, 2011	18,920,000	3,065,422	3.50%	1/2 of HS + 1/2 of Sewer
September 1, 2012	18,920,000	8,165,272	4.00%	1/2 of HS + 1/2 of Sewer
September 1, 2013	6,687,517		4.00%	
September 1, 2014	7,022,434		4.50%	
September 1, 2015	9,434,718		4.50%	
TOTAL	60,984,669	11,230,694	72,215,363	

Actual Bond sizes would be 16.67 (HS) + 9MM for sewer but this shows the 25% net for budget purposes.

	Start (FY 2011)	Growth Rate
Grand List (10-1-09)	5,114,138,925	1.50%
Budget	135,984,048	3.00%

NET Oustanding (as of 7/1/10)	
GP	24,221,360
Schools	56,134,700
Sewer (25%)	14,492,485
Golf (not incl in schedules)	3,039,000
	97,887,545
Less Golf	(3,039,000)
Total Net Outstanding	94,848,545

Gross Oustanding (as of 7/1/10)	
GP	24,221,360
Schools	56,134,700
Sewer (100%)	57,969,940
Golf (not incl in schedules	3,745,000
Total Gross Outstanding	142,071,000

Includes 2010 issues

	Proposed Issues by Project	Sep-01, 2011	Sep-01, 2012	Sep-01, 2013	Sep-01, 2014	Sep-01, 2015
	HS Left to be bonded (NET)	33,340,000				
	Sewer left to be bonded:	18,000,000				
68%	BOE NET (68% of tot)	16,670,000	16,670,000			33,340,000
25%	Sewer NET (25% of tot)	2,250,000	2,250,000			4,500,000
	Town Hall					-
	Sr Ctr					-
Net	Library					-
Costs	Police					-
To	Animal Shelter					-
Town	Tennis Courts					-
	PW					-
	Parks					-
	Totals	18,920,000	18,920,000			37,840,000
	ROUNDED	18,920,000	18,920,000			37,840,000

	21,985,422 Dated: September, 01, 2011			27,085,272 Dated: September, 01, 2012			6,687,517 Dated: September, 01, 2013			7,022,434 Dated: September, 01, 2014			9,434,718 Dated: September, 01, 2015		
Fiscal Year	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*	*Principal*	*Interest*	*Total*
2011	-		-			-			-			-			-
2012	-	384,745	384,745			-			-			-			-
2013	1,099,271	750,253	1,849,524	-	541,705	541,705			-			-			-
2014	1,099,271	711,778	1,811,049	1,354,264	1,056,326	2,410,589	-	133,750	133,750			-			-
2015	1,099,271	673,304	1,772,575	1,354,264	1,002,155	2,356,419	334,376	260,813	595,189	-	158,005	158,005			-
2016	1,099,271	634,829	1,734,100	1,354,264	947,985	2,302,248	334,376	247,438	581,814	351,122	308,109	659,231	-	212,281	212,281
2017	1,099,271	596,355	1,695,626	1,354,264	893,814	2,248,078	334,376	234,063	568,439	351,122	292,309	643,431	471,736	392,720	864,456
2018	1,099,271	557,880	1,657,151	1,354,264	839,643	2,193,907	334,376	220,688	555,064	351,122	276,508	627,630	471,736	371,492	843,228
2019	1,099,271	519,406	1,618,677	1,354,264	785,473	2,139,736	334,376	207,313	541,689	351,122	260,708	611,830	471,736	350,264	822,000
2020	1,099,271	480,931	1,580,202	1,354,264	731,302	2,085,566	334,376	193,938	528,314	351,122	244,907	596,029	471,736	329,036	800,772
2021	1,099,271	442,457	1,541,728	1,354,264	677,132	2,031,395	334,376	180,563	514,939	351,122	229,107	580,229	471,736	307,808	779,544
2022	1,099,271	403,982	1,503,253	1,354,264	622,961	1,977,225	334,376	167,188	501,564	351,122	213,306	564,428	471,736	286,580	758,315
2023	1,099,271	365,508	1,464,779	1,354,264	568,791	1,923,054	334,376	153,813	488,189	351,122	197,506	548,628	471,736	265,351	737,087
2024	1,099,271	327,033	1,426,304	1,354,264	514,620	1,868,884	334,376	140,438	474,814	351,122	181,705	532,827	471,736	244,123	715,859
2025	1,099,271	288,559	1,387,830	1,354,264	460,450	1,814,713	334,376	127,063	461,439	351,122	165,905	517,027	471,736	222,895	694,631
2026	1,099,271	250,084	1,349,355	1,354,264	406,279	1,760,543	334,376	113,688	448,064	351,122	150,105	501,226	471,736	201,667	673,403
2027	1,099,271	211,610	1,310,881	1,354,264	352,109	1,706,372	334,376	100,313	434,689	351,122	134,304	485,426	471,736	180,439	652,175
2028	1,099,271	173,135	1,272,406	1,354,264	297,938	1,652,202	334,376	86,938	421,314	351,122	118,504	469,625	471,736	159,211	630,947
2029	1,099,271	134,661	1,233,932	1,354,264	243,767	1,598,031	334,376	73,563	407,939	351,122	102,703	453,825	471,736	137,983	609,719
2030	1,099,271	96,186	1,195,457	1,354,264	189,597	1,543,861	334,376	60,188	394,564	351,122	86,903	438,024	471,736	116,755	588,491
2031	1,099,271	57,712	1,156,983	1,354,264	135,426	1,489,690	334,376	46,813	381,188	351,122	71,102	422,224	471,736	95,527	567,262
2032	1,099,271	19,237	1,118,508	1,354,264	81,256	1,435,519	334,376	33,438	367,813	351,122	55,302	406,423	471,736	74,298	546,034
2033			-	1,354,264	27,085	1,381,349	334,376	20,063	354,438	351,122	39,501	390,623	471,736	53,070	524,806
2034			-			-	334,376	6,688	341,063	351,122	23,701	374,822	471,736	31,842	503,578
2035			-			-			-	351,122	7,900	359,022	471,736	31,842	503,578
2036			-			-			-			-	471,736	10,614	482,350
	21,985,422	8,079,643	30,065,065	27,085,272	11,375,814	38,461,086	6,687,517	2,808,757	9,496,274	7,022,434	3,318,100	10,340,534	9,434,718	4,075,798	13,510,516
	-			-			-			-			-		

NOTE: GOLF DEBT IS EXCLUDED FROM ABOVE.

72,215,363 Total NEW Debt Service (est)				1.50%							3.00%			
Principal	*Interest*	*Total*	*Total Net Existing + New*	*Year/Year Change*	*Annual Increase to Grand List*	*Value of 1 Mill*	*Existing Mill Rate for Debt Service*	*New Debt Mill Rate Impact*	*Total Mill Rate For DS*	*New Debt Impact to $300,000 Assessment*	*Add'l Projs Impact to $300,000 Assessment*	*Annual Growth in Total Expenditures*	*Total Net Debt as a % of Exp*	*10% of Budget*	*Difference Above or (Below) 10% of Budget*
-	-	-	9,936,131	0	5,114,138,925	5,114,139	1.94	-	1.94	-	-	135,984,048	7.31%	13,598,405	(3,662,274)
-	384,745	384,745	10,859,651	923,520	5,190,851,009	5,190,851	2.02	0.07	2.09	22.24	-	140,063,569	7.75%	14,006,357	(3,146,706)
1,099,271	1,291,958	2,391,229	12,503,175	1,643,524	5,268,713,774	5,268,714	1.92	0.45	2.37	136.16	-	144,265,477	8.67%	14,426,548	(1,923,372)
2,453,535	1,901,854	4,355,389	13,976,275	1,473,099	5,347,744,481	5,347,744	1.80	0.81	2.61	244.33	-	148,593,441	9.41%	14,859,344	(883,069)
2,787,911	2,094,277	4,882,187	14,290,221	313,947	5,427,960,648	5,427,961	1.73	0.90	2.63	269.84	-	153,051,244	9.34%	15,305,124	(1,014,903)
3,139,032	2,350,642	5,489,674	14,556,800	266,578	5,509,380,058	5,509,380	1.65	1.00	2.64	298.93	-	157,642,781	9.23%	15,764,278	(1,207,478)
3,610,768	2,409,261	6,020,029	14,167,942	(388,858)	5,592,020,758	5,592,021	1.46	1.08	2.53	322.96	-	162,372,065	8.73%	16,237,206	(2,069,265)
3,610,768	2,266,212	5,876,980	13,858,898	(309,044)	5,675,901,070	5,675,901	1.41	1.04	2.44	310.63	-	167,243,227	8.29%	16,724,323	(2,865,425)
3,610,768	2,123,163	5,733,931	12,361,186	(1,497,712)	5,761,039,586	5,761,040	1.15	1.00	2.15	298.59	-	172,260,524	7.18%	17,226,052	(4,864,867)
3,610,768	1,980,115	5,590,883	12,012,048	(349,137)	5,847,455,180	5,847,455	1.10	0.96	2.05	286.84	-	177,428,339	6.77%	17,742,834	(5,730,786)
3,610,768	1,837,066	5,447,834	11,669,128	(342,920)	5,935,167,007	5,935,167	1.05	0.92	1.97	275.37	-	182,751,189	6.39%	18,275,119	(6,605,991)
3,610,768	1,694,017	5,304,785	10,803,797	(865,331)	6,024,194,512	6,024,195	0.91	0.88	1.79	264.17	-	188,233,725	5.74%	18,823,373	(8,019,576)
3,610,768	1,550,969	5,161,737	10,058,001	(745,796)	6,114,557,430	6,114,557	0.80	0.84	1.64	253.25	-	193,880,737	5.19%	19,388,074	(9,330,072)
3,610,768	1,407,920	5,018,688	9,647,512	(410,489)	6,206,275,792	6,206,276	0.75	0.81	1.55	242.59	-	199,697,159	4.83%	19,969,716	(10,322,204)
3,610,768	1,264,871	4,875,639	8,139,201	(1,508,311)	6,299,369,928	6,299,370	0.52	0.77	1.29	232.20	-	205,688,074	3.96%	20,568,807	(12,429,606)
3,610,768	1,121,823	4,732,591	7,930,900	(208,301)	6,393,860,477	6,393,860	0.50	0.74	1.24	222.05	-	211,858,716	3.74%	21,185,872	(13,254,972)
3,610,768	978,774	4,589,542	7,318,555	(612,345)	6,489,768,385	6,489,768	0.42	0.71	1.13	212.16	-	218,214,477	3.35%	21,821,448	(14,502,893)
3,610,768	835,725	4,446,494	6,328,369	(990,186)	6,587,114,910	6,587,115	0.29	0.68	0.96	202.51	-	224,760,912	2.82%	22,476,091	(16,147,722)
3,610,768	692,677	4,303,445	5,639,721	(688,648)	6,685,921,634	6,685,922	0.20	0.64	0.84	193.10	-	231,503,739	2.44%	23,150,374	(17,510,653)
3,610,768	549,628	4,160,396	5,194,971	(444,750)	6,786,210,458	6,786,210	0.15	0.61	0.77	183.92	-	238,448,851	2.18%	23,844,885	(18,649,914)
3,610,768	406,579	4,017,348	4,678,723	(516,249)	6,888,003,615	6,888,004	0.10	0.58	0.68	174.97	-	245,602,317	1.90%	24,560,232	(19,881,509)
3,610,768	263,531	3,874,299	3,874,299	(804,424)	6,991,323,670	6,991,324	-	0.55	0.55	166.25	-	252,970,386	1.53%	25,297,039	(21,422,740)
2,511,497	139,719	2,651,216	2,651,216	(1,223,083)	7,096,193,525	7,096,194	-	0.37	0.37	112.08	-	260,559,498	1.02%	26,055,950	(23,404,733)
1,157,233	62,230	1,219,464	1,219,464	(1,431,752)	7,202,636,427	7,202,636	-	0.17	0.17	50.79	-	268,376,283	0.45%	26,837,628	(25,618,164)
822,858	39,742	862,600	862,600	(356,864)	7,310,675,974	7,310,676	-	0.12	0.12	35.40	-	276,427,571	0.31%	27,642,757	(26,780,157)
471,736	10,614	482,350	482,350	(380,250)	7,420,336,113	7,420,336	-	0.07	0.07	19.50	-	284,720,398	0.17%	28,472,040	(27,989,690)
72,215,363	29,658,112	101,873,475	225,021,135							5,030.81	-				
72,215,363	29,658,112	101,873,475	225,021,135												