

ADOPTED
CAPITAL IMPROVEMENT PROGRAM
FY 2010 - 2014



Town of Purcellville, Virginia
May 12, 2009

**ADOPTED
CAPITAL IMPROVEMENT PROGRAM
FY 2010 - 2014**

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Approved
Capital Improvement Program Summary
FY 2010 - 2014

FINANCING SUMMARY - ALL FUNDS

<u>Sources</u>	Total Funding Required	Funded through 06/30/08	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
Grants- Various	4,873,732	791,741	4,050,000	(150,000)	2,470,240	1,531,751	25,000	35,000	20,000		1,611,751
Grants - VDOT	3,092,800	195,631	2,321,042	(1,187,052)	1,133,990	1,469,379	293,800				1,763,179
Grants - CDBG	170,891	54,000	8,600		8,600	108,291					108,291
Grants - Loud. Co.	100,000	100,000									
Bonds - New Loan	23,808,424					4,922,474	12,335,950	5,280,000	1,145,000	125,000	23,808,424
Lo. Co. Settlement	1,020,277					1,020,277					1,020,277
Un-Specified	9,532,434		(1,780,000)	1,406,267	(373,733)	(2,000,000)	603,200	7,039,650	2,574,645	1,688,672	9,906,167
Bonds-VRA	24,403,435	5,543,782	18,015,000	(7,799,344)	11,645,416	7,214,237					7,214,237
Bonds - B of A	2,513,362	2,513,362									
Bonds - Sun Trust	11,618,817	2,010,446	7,178,750	(1,240,655)	5,938,095	3,670,276					3,670,276
Bonds - USDA RDA	5,544,707	89,920	3,711,479	270,308	3,981,787	1,473,000					1,473,000
Cash	2,743,650	4,250	460,986	(43,086)	417,900	252,500	1,517,000	356,000	112,000	84,000	2,321,500
Other	232,842	199,109		28,733	28,733		5,000				5,000

TOTAL	89,655,370	11,502,240	33,965,857	(8,714,829)	25,251,028	19,662,185	14,779,950	12,710,650	3,851,645	1,897,672	52,902,102
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EXPENDITURE SUMMARY - ALL FUNDS

<u>Uses</u>	Total Project Cost	Expenses through 06/30/08	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
General Fund	31,524,628	2,039,118	7,075,881	(478,836)	6,597,046	5,364,547	4,503,950	8,280,650	2,841,645	1,897,672	22,888,464
Water Fund	24,044,122	1,426,122	3,852,000	(494,150)	3,357,850	4,869,150	9,026,000	4,355,000	1,010,000		19,260,150
Wastewater Fund	34,086,620	8,037,000	23,037,976	(7,741,844)	15,296,132	9,428,488	1,250,000	75,000			10,753,488

TOTAL	89,655,370	11,502,240	33,965,857	(8,714,830)	25,251,028	19,662,185	14,779,950	12,710,650	3,851,645	1,897,672	52,902,102
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Approved
Capital Improvement Program Summary
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GENERAL FUND PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 06/30/08	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
Grants	80,000		150,000	(150,000)			25,000	35,000	20,000		80,000
Grants - VDOT	3,092,800	195,631	2,321,042	(1,187,052)	1,133,990	1,469,379	293,800				1,763,179
Grants - CDBG	170,891	54,000	8,600		8,600	108,291					108,291
Grants - Loud. Co.	100,000	100,000									
Bonds - New loan	6,695,950					2,500,000	2,940,950	985,000	145,000	125,000	6,695,950
Lo. Co. Settlement	1,020,277					1,020,277					1,020,277
Un-Specified	9,532,434		(1,780,000)	1,406,267	(373,733)	(2,000,000)	603,200	7,039,650	2,574,645	1,688,672	9,906,167
Bonds - B of A	1,036,433	1,036,433									
Bonds - Sun Trust	2,932,745	407,877	2,372,774	(641,505)	1,731,269	793,600					793,600
Bonds - USDA RDA	5,544,707	89,920	3,711,479	270,308	3,981,787	1,473,000					1,473,000
Cash	1,129,400		291,986	(205,586)	86,400		636,000	221,000	102,000	84,000	1,043,000
Other	188,991	155,258		28,733	28,733		5,000				5,000
TOTAL	31,524,628	2,039,118	7,075,881	(478,835)	6,597,046	5,364,547	4,503,950	8,280,650	2,841,645	1,897,672	22,888,464

GENERAL FUND PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 06/30/08	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
General Fund	31,524,628	2,039,118	7,075,881	(478,836)	6,597,046	5,364,547	4,503,950	8,280,650	2,841,645	1,897,672	22,888,464

Approved
Capital Improvement Program Summary
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WATER FUND PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 06/30/08	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2,010	2,011	2,012	2,013	2,014	Total 5-Yr-CIP
Bonds - Sun Trust	6,618,994	979,468	3,787,000	(494,150)	3,292,850	2,346,676					2,346,676
Bonds - New loan	16,512,474					2,422,474	8,795,000	4,295,000	1,000,000		16,512,474
Bonds - B of A	398,553	398,553									
Cash	470,250	4,250	65,000		65,000	100,000	231,000	60,000	10,000		401,000
Other	43,851	43,851									
TOTAL	24,044,122	1,426,122	3,852,000	(494,150)	3,357,850	4,869,150	9,026,000	4,355,000	1,010,000		19,260,150

WATER FUND PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 06/30/08	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2,010	2,011	2,012	2,013	2,014	Total for 5-Yr-CIP
Water Fund	24,044,122	1,426,122	3,852,000	(494,150)	3,357,850	4,869,150	9,026,000	4,355,000	1,010,000		19,260,150

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WASTEWATER FUND PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 06/30/08	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2,010	2,011	2,012	2,013	2,014	Total 5-Yr-CIP
Grants	4,793,732	791,741	3,900,000		2,470,240	1,531,751					1,531,751
Bonds-VRA	24,403,435	5,543,782	18,015,000	(7,799,344)	11,645,416	7,214,237					7,214,237
Bonds - Sun Trust	2,067,077	623,101	1,018,976	(105,000)	913,976	530,000					530,000
Bonds - New loan	600,000						600,000				600,000
Bonds - B of A	1,078,375	1,078,375									
Cash	1,144,000		104,000	162,500	266,500	152,500	650,000	75,000			877,500
Other											
TOTAL	34,086,620	8,037,000	23,037,976	(7,741,844)	15,296,132	9,428,488	1,250,000	75,000			10,753,488

WASTEWATER FUND PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 06/30/08	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2,010	2,011	2,012	2,013	2,014	Total for 5-Yr-CIP
Wastewater Fund	34,086,620	8,037,000	23,037,976	(7,741,844)	15,296,132	9,428,488	1,250,000	75,000			10,753,488

Projects by Financing Source

Sources		Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
GENERAL FUND												
Grants												
Wayfinding Sign	119-4094100-0140	80,000						25,000	35,000	20,000		80,000
(Preserve America Grant)												
West Main -32nd St.	119-4094260			150,000	(150,000)							
(Gas tax special application-grant denied)												
Total Grants		80,000		150,000	(150,000)			25,000	35,000	20,000		80,000
Grants - VDOT												
Downtown Streetscape	119-4094100-0601	694,800		184,542	4,058	188,600	322,400	183,800				506,200
Main & Maple Int Imp	119-4094201	581,800		1,450,000	(868,200)	581,800						
Main St, Sidewalk Imp	119-4094202	252,722		48,000	(8,500)	39,500	213,222					213,222
S. Nursery Sidewalk	119-4094205	144,667			34,667	34,667		110,000				110,000
N. 21st Sidewalk	119-4094206	156,543		48,600	(2,057)	46,543	110,000					110,000
S. 32nd Sidewalk	119-4094207	135,637		24,900	2,980	27,880	107,757					107,757
Hatcher & Main Sig	119-4094257	75,926	75,926									
W. Main St. Sidewalk	119-4094262	471,000		99,000	41,000	140,000	331,000					331,000
Maple to W&OD Trail	119-4094267	460,000		466,000	(391,000)	75,000	385,000					385,000
23rd & Main Signal	119-4094252	119,705	119,705									
Total Grants - VDOT		3,092,800	195,631	2,321,042	(1,187,052)	1,133,990	1,469,379	293,800				1,763,179
Grants - CDBG												
14th St. Widen/G St.	119-4094200	54,000	54,000									
D St Drainage-Sidewalk	119-4094259	108,291					108,291					108,291
Bus Shelters	119-4094268	8,600		8,600		8,600						
Total Grants - CDBG		170,891	54,000	8,600		8,600	108,291					108,291
Grants-Loudoun County												
14th St. Widen/G St.	119-4094200	100,000	100,000									
Total Grants - LOCO		100,000	100,000									
TOTAL ALL GRANTS		3,443,690	349,631	2,479,642	(1,337,052)	1,142,590	1,577,670	318,800	35,000	20,000		1,951,470
Bonds - Sun Trust												
Public Safety Capital	119-4094100-0100	36,518	36,518									
GIS	119-4094100-0110	83,250	2,250	81,000		81,000						
Traffic Study	119-4094100-0130	281,741	103,741	122,000	56,000	178,000						
Downtown Streetscape	119-4094100-0601	300,173	2,973	46,136	63,464	109,600	187,600					187,600
Laser Microfiche	119-4094100-0604	67,675	37,675	30,000		30,000						
Maint Facility	119-4094101	130,000			130,000	130,000						
Stormwater Mgt Study	119-4094103	206,694	81,694	125,000		125,000						
14th St. Widen/G St.	119-4094200	143,632	65,916		77,716	77,716						
Main & Maple Int Imp	119-4094201	103,311	33,311	380,000	(310,000)	70,000						

Projects by Financing Source

Sources		Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
Main St, Sidewalk Imp	119-4094202	81,367		48,000	33,367	81,367						
S. Nursery Sidewalk	119-4094205	38,516	5,959	61,224	(28,667)	32,557						
N. 21st Sidewalk	119-4094206	205,184	1,627		53,557	53,557	150,000					150,000
S. 32nd Sidewalk	119-4094207	25,997	677		18,320	18,320	7,000					7,000
23rd & Main Signal	119-4094252	54,390	52,828		1,562	1,562						
Southern Collector Rd	119-4094253	27,876	636		27,240	27,240						
Hatcher & Main Sig	119-4094257	(15,329)	(17,928)		2,599	2,599						
Nursery Ave Storm Sewer	119-4094258	134,000		190,000	(166,000)	24,000	110,000					110,000
D St Drainage-Sidewalk	119-4094259	43,000		35,000	8,000	43,000						

Projects by Financing Source

Sources		Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
West Main/32nd Street	119-4094260			70,000	(70,000)							
Relocation of Town Hall	119-4094261	424,251		1,024,414	(600,163)	424,251						
W. Main St. Sidewalk	119-4094262	84,000		56,000	4,000	60,000	24,000					24,000
Fireman's Field Upgrade	119-4094263	50,000					50,000					50,000
FiremanFld Rink Renov	119-4094264	300,000		50,000		50,000	250,000					250,000
Maple to W&OD Trail	119-4094267	120,000		54,000	51,000	105,000	15,000					15,000
Bus Shelters	119-4094268	6,500			6,500	6,500						
Total Bonds - Sun Trust		2,932,745	407,877	2,372,774	(641,505)	1,731,269	793,600					793,600
Bonds - USDA RDA												
New Equip - PW	119-4094100-0120	363,500		176,500	30,000	206,500	157,000					157,000
Maint Facility	119-4094101	5,181,207	89,920	3,534,979	240,308	3,775,287	1,316,000					1,316,000
Total Bonds - USDA RDA		5,544,707	89,920	3,711,479	270,308	3,981,787	1,473,000					1,473,000
Bonds - New loan												
Public Safety Capital	119-4094100-0100											
New Equip - PW	119-4094100-0120											
Traffic Study	119-4094100-0130	75,000							75,000			75,000
Wayfinding Sign	119-4094100-0140	55,000							35,000	20,000		55,000
Downtown Streetscape	119-4094100-0601	65,950					65,950					65,950
Laser Microfiche	119-4094100-0604											
Trails and Pathways	119-4094100-0608											
Stormwater Mgt Study	119-4094103	500,000						125,000	125,000	125,000	125,000	500,000
Main & Maple Int Imp	119-4094201											
Main St, Sidewalk Imp	119-4094202											
S. Nursery Sidewalk	119-4094205	150,000						150,000				150,000
N. 21st Sidewalk	119-4094206											
S. 32nd Sidewalk	119-4094207											
Southern Collector Rd	119-4094253											
D St Drainage-Sidewalk	119-4094259											
West Main/32nd Street	119-4094260											
Relocation of Town Hall	119-4094261											
Fireman's Field Upgrade	119-4094263	350,000						250,000	100,000			350,000
FiremanFld Rink Renov	119-4094264	1,000,000						350,000	650,000			1,000,000
New Town Hall Purchase	119-4094269	2,500,000					2,500,000					2,500,000
New Town Hall Renovation	119-4094270	2,000,000						2,000,000				2,000,000
Total Bonds - New loan		6,695,950					2,500,000	2,940,950	985,000	145,000	125,000	6,695,950

Projects by Financing Source

Sources		Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
Bonds - B of A												
New Equip - PW	119-4094100-0120	264,180	264,180									
Traffic Study	119-4094100-0130	12,936	12,936									
Wayfinding Sign	119-4094100-0140	2,452	2,452									
Maint Facility	119-4094101	191,498	191,498									
Stormwater Mgt Study	119-4094103	87,140	87,140									
14th St. Widen/G St.	119-4094200	30,948	30,948									
Main & Maple Int Imp	119-4094201	114,479	114,479									
23rd & Main Signal	119-4094252	166,359	166,359									
Southern Collector Rd	119-4094253	1,481	1,481									
Hatcher & Main Sig	119-4094257	164,961	164,961									
Total Bonds - B of A		1,036,433	1,036,433									
Cash												
Public Safety Capital	119-4094100-0100	497,750		65,000		65,000	180,750	126,000	42,000	84,000		432,750
Admin Vehicles	119-4094100-0115	95,000					60,000	35,000				95,000
New Equip - PW	119-4094100-0120	190,000					100,000	45,000	45,000			190,000
Wayfinding Sign	119-4094100-0140	20,000					20,000					20,000
Relocation of Town Hall	119-4094261			205,586	(205,586)							
Park Maint & Replac.Fund	119-4094266	20,000		20,000		20,000						
Bus Shelters	119-4094268	1,400		1,400		1,400						
Downtown Streetscape	119-4094100-0601	260,250					260,250					260,250
Laser Microfiche	119-4094100-0604	45,000					15,000	15,000	15,000			45,000
Total Cash		1,129,400		291,986	(205,586)	86,400	636,000	221,000	102,000	84,000		1,043,000
Other												
Public Safety Capital	119-4094100-0100	62,493	62,493									
Traffic Study	119-4094100-0130	1,301	1,301									
Wayfinding Sign	119-4094100-0140	5,000					5,000					5,000
Main & Maple Int Imp	119-4094201	59,967	59,967									
Main St, Sidewalk Imp	119-4094202	51,207	22,474		28,733	28,733						
S. Nursery Sidewalk	119-4094205	3,796	3,796									
N. 21st Sidewalk	119-4094206	2,314	2,314									
S. 32nd Sidewalk	119-4094207	2,060	2,060									
Southern Collector Rd	119-4094253	853	853									
Total Other		188,991	155,258		28,733	28,733	5,000					5,000
Loudoun Co. Settlement												
Southern Collector Road	119-4094253	580,000					580,000					580,000
Main St Sidewalk Improv	119-4094202	298,568					298,568					298,568
D St Drainage-Sidewalk	119-4094259	141,709					141,709					141,709
Total Lo. Co. Settlement		1,020,277					1,020,277					1,020,277

Projects by Financing Source

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
Un-Specified											
Future Projects-settlement	(4,373,733)		(1,780,000)	1,406,267	(373,733)	(2,000,000)	(2,000,000)				(4,000,000)
Main & Maple Intersection 119-4094201	8,681,167						1,683,200	2,734,650	2,574,645	1,688,672	8,681,167
Southern Collector Road 119-4094253	5,105,000						800,000	4,305,000			5,105,000
Trails and Pathways 119-4094100-0608	120,000						120,000				120,000
Total Un-Specified	9,532,434		(1,780,000)	1,406,267	(373,733)	(2,000,000)	603,200	7,039,650	2,574,645	1,688,672	9,906,167
TOTAL GF	31,524,628	2,039,118	7,075,881	(478,835)	6,597,046	5,364,547	4,503,950	8,280,650	2,841,645	1,897,672	22,888,464

Projects by Financing Source

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
WATER FUND											
<u>Grants</u>	NONE										
Bonds - Sun Trust											
Jeffries Well Develop.	599-4094504	481,208	21,208	30,000	20,000	50,000	410,000				410,000
S/Int. Term Water Invest	599-4094506	2,327,689	92,163	1,208,000		1,208,000	1,027,526				1,027,526
LT Water Res Implement	599-4094508	1,113,685	423,685	690,000		690,000					
Water Dist Sys. Eval/Impl	599-4094511	906,592	196,592	355,000	(255,000)	100,000	610,000				610,000
"A" St Water Line Loop	599-4094513	210,483	2,483	203,000	(170,000)	33,000	175,000				175,000
Vulnerability Assessment	599-4094514	182,799	122,799	60,000		60,000					
New Elevated Water Tank	599-4094515	378,817	28,817	350,000		350,000					
Switch to Hypochlorite	599-4094516	340,000		320,000	20,000	340,000					
Generation of GIS Layers	599-4094517	123,771	23,771	100,000		100,000					
Water/Sewer Master Plan	599-4094518	82,829	22,829	60,000		60,000					
Transition to SCADA	599-4094519	83,640	8,640	60,000	15,000	75,000					
Water Plant Upgrade	599-4094521	100,000		100,000		100,000					
New & Replacement Equip	599-4094522	36,481	36,481								
Intake - Hirst Reservoir	599-4094523	60,000		60,000		60,000					
Water Line Replace - 690	599-4094525	191,000		191,000	(124,150)	66,850	124,150				124,150
Total Bonds - Sun Trust		6,618,994	979,468	3,787,000	(494,150)	3,292,850	2,346,676				2,346,676
Bonds - New Loan RQD											
S/Int. Term Water Invest	599-4094506	4,672,474				1,772,474	2,800,000	100,000			4,672,474
LT Water Res Implement	599-4094508	5,135,000				650,000	1,775,000	2,710,000			5,135,000
Water Dist Sys. Eval/Impl	599-4094511	355,000					355,000				355,000
New Elevated Water Tank	599-4094515	2,390,000					2,390,000				2,390,000
Water Plant Improvements	599-4094521	2,750,000					1,475,000	1,275,000			2,750,000
Intake Str - Hirst Reservoir	599-4094523	1,210,000						210,000	1,000,000		1,210,000
Total Bonds - New Loan RQD		16,512,474				2,422,474	8,795,000	4,295,000	1,000,000		16,512,474
Bonds - B of A											
Jeffries Well Develop.	599-4094504	24,590	24,590								
LT Water Res Implement	599-4094508	237,329	237,329								
Water Dist Sys. Eval/Impl	599-4094511	105,030	105,030								
New Elevated Water Tank	599-4094515	23,704	23,704								
Water/Sewer Master Plan	599-4094518	7,900	7,900								
Total Bonds - B of A		398,553	398,553								
Cash											
Water Conservation Plan	599-4094510	24,250	4,250	20,000		20,000					
Vulnerability Assessment	599-4094514	150,000					50,000	50,000	50,000		150,000
Generation of GIS Layers	599-4094517	80,000					50,000	10,000	10,000	10,000	80,000
Compl. Disinfection Rule	599-4094520										

Projects by Financing Source

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
New & Replacement Equip	599-4094522	96,000		45,000	45,000		51,000				51,000
Tank Painting	599-4094524	120,000					120,000				120,000
	Total Cash	470,250	4,250	65,000	65,000	100,000	231,000	60,000	10,000		401,000
 Other											
S/Int. Term Water Invest	599-4094506	43,851	43,851								
	Total Other	43,851	43,851								
 TOTAL WF	24,044,122	1,426,122	3,852,000	(494,150)	3,357,850	4,869,150	9,026,000	4,355,000	1,010,000		19,260,150

Projects by Financing Source

Sources		Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY 09 Budget	2010	2011	2012	2013	2014	Total 5-Yr-CIP
WASTEWATER FUND												
Grants-WQIF												
BSWF Exp / Improvements	600-4094600	4,793,732	791,741	3,900,000		2,470,240	1,531,751					1,531,751
Total Grants		4,793,732	791,741	3,900,000		2,470,240	1,531,751					1,531,751
Bonds-VRA												
BSWF Exp / Improvements	600-4094600	24,403,435	5,543,782	18,015,000	(7,799,344)	11,645,416	7,214,237					7,214,237
Total Bonds		24,403,435	5,543,782	18,015,000	(7,799,344)	11,645,416	7,214,237					7,214,237
Bonds - Sun Trust												
Vulnerability Assessment	699-4094100-0110	113,768	3,768	60,000		60,000	50,000					50,000
I & I Imp CMOM Compliance	603-4094603	1,364,223	554,223	460,000		460,000	350,000					350,000
West End Pump Sta Impr	603-4094604	77,439	8,439	69,000		69,000						
Sewer Master Plan	603-4094605	60,000	2,024	57,976		57,976						
Generation of GIS Layers	603-4094606	117,399	17,399	100,000		100,000						
Transition to SCADA Sys	603-4094607	85,625	5,625	60,000	20,000	80,000						
Nursery/690 Sewer L.ine	603-4094608	226,179	9,179	212,000	(125,000)	87,000	130,000					130,000
Equip Maint-Sewer Coll Sys	603-4094610	22,444	22,444									
Bonds - Sun Trust		2,067,077	623,101	1,018,976	(105,000)	913,976	530,000					530,000
Bonds - New RQD												
West End Pump Sta Impr	603-4094604	600,000					600,000					600,000
Total Bonds - New RQD		600,000					600,000					600,000
Bonds - B of A												
BSWF Exp / Improvements	600-4094600	622,259	622,259									
I & I Imp CMOM Compliance	603-4094603	287,112	287,112									
West End Pump Sta Impr	603-4094604	81	81									
Equip Maint-Sewer Coll Sys	603-4094610	168,923	168,923									
Total Bonds - B of A		1,078,375	1,078,375									
Cash												
Vulnerability Assessment	699-4094100-0110	100,000						50,000	50,000			100,000
BSWF Exp / Improvements	603-4094600	250,000			162,500	162,500	87,500					87,500
I & I Imp CMOM Compliance	603-4094603											
Generation of GIS Layers	603-4094606	100,000					50,000	25,000	25,000			100,000
New Equip-Maint of Sewer	603-4094610	604,000		104,000		104,000		500,000				500,000
BSWF Odor Control	603-4094611	90,000					15,000	75,000				90,000
Total Cash		1,144,000		104,000	162,500	266,500	152,500	650,000	75,000			877,500
Other												
NONE												
TOTAL WWF		34,086,620	8,037,000	23,037,976	(7,741,844)	15,296,132	9,428,488	1,250,000	75,000			10,753,488

Equipment and Vehicle Purchase/Replacement Schedule

Fiscal Year 2009 On Hold- Purchases not made				
Department	Investment	R/A		
Public Works	Purchase	R	Inspector Truck (#103A 1999 3/4 T Dodge Plow truck)	\$ 45,000
Water	Purchase	R	1 T Plow truck (#301 2000 1/2 T Dodge Pickup)	\$ 45,000
WWater	Purchase	A	6" Godwin Pump	\$ 65,000
WWater	Purchase	R	Pick Up Truck (#401 1999 Ford pickup)	\$ 25,000
WWater	Purchase	R	Utility Terrain Vehicle (#451 2000 Deere Gator)	\$ 14,000
TOTAL FY09 On Hold				\$ 194,000

Fiscal Year 2010				
Department	Investment	R/A		
Maintenance	Purchase	A	Special events trailer	\$ 12,000
Maintenance	Purchase	R	1 T plow Truck (#508 2003 GMC Truck)	\$ 45,000
Maintenance	Purchase	R	Skid loader (#566 1998 Case Loader)	\$ 70,000
Maintenance	Purchase	A	Vehicle for Asst Dir of Pub Works/Ops	\$ 30,000
TOTAL FY10				\$ 157,000

Fiscal Year 2011				
Department	Investment	R/A		
Admin	Purchase	R	Ford Escape (#101 1996 Crown Vic)	\$ 30,000
Admin	Purchase	R	Truck or SUV for Meter Tech (#102 1998 Explorer)	\$ 30,000
Police	Transfer	A	#205 2005 Crown Victoria (to PD Support Team)	\$ -
Police	Purchase	R	Crown Vic Cruiser (#209 to PD Support Team)	\$ 42,000
Police	Purchase	R	Ford Explorer with Police package (#219 2002 Ford Explorer)	\$ 42,000
Police	Purchase	R	New Chief Vehicle (#102P 2002 Trailblazer)	\$ 42,000
Police	Purchase	A	Camera equipment for Cruisers (5)	\$ 38,000
Police	Purchase	A	Mobile Field Reporting DaPro upgrade	\$ 16,750
Maintenance	Purchase	R	Back Hoe (#551 1998 JCB Backhoe)	\$ 100,000
Water	Purchase	R	Utility Terrain Vehicle (Polaris ATV)	\$ 6,000
Water	Purchase	A	Vehicle due to Additional Staffing (projected staffing)	\$ 45,000
WWater	Purchase	A	Vac Con Truck (#506 2002 Sterling Vac Con as backup)	\$ 300,000
WWater	Purchase	R	E. End Gnerator (replace 20 year old one)	\$ 200,000
TOTAL FY11				\$ 891,750

Equipment and Vehicle Purchase/Replacement Schedule

Fiscal Year 2012				
Department	Investment	R/A		
Admin	Purchase	R	Ford Escape (#203 2003 Intrepid)	\$ 35,000
Police	Purchase	R	Police Cruiser (#216 2006 Crown Victoria)	\$ 42,000
Police	Purchase	R	Police Cruiser (#226 2006 Crown Victoria)	\$ 42,000
Police	Purchase	R	Police Cruiser (#206 2006 Crown Vic)	\$ 42,000
Maintenance	Purchase	R	Inspector Truck (#105 2003 Chevrolet Plow Truck-Inspections)	\$ 45,000
TOTAL FY12				\$ 206,000
Fiscal Year 2013				
Department	Investment	R/A		
Police	Purchase	R	Police Cruiser (#207 2007 Crown Victoria)	\$ 42,000
Maintenance	Purchase	R	1 Ton Plow Truck (2005 F350 Plow Truck)	\$ 45,000
TOTAL FY13				\$ 87,000
Fiscal Year 2014				
Department	Investment	R/A		
Police	Purchase	R	Police Cruiser (#208 2008 Crown Victoria)	\$ 42,000
Police	Purchase	R	Ford Explorer with police package (#218 2008 Explorer)	\$ 42,000
TOTAL FY14				\$ 84,000
GRAND TOTAL FY10 - FY14				\$ 1,425,750

* R = Replacement, A = Addition
(updated 7/15/2009)

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GENERAL FUND

PROJECT DETAIL SHEETS

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094100-0100**

TITLE: Public Safety Capital
DEPARTMENT: Police
PROJECT MGR: Darryl Smith

FUND: General
STATUS: In Progress
PROJECT START DATE: 2009
ESTIMATED END DATE:

PROGRAM DESCRIPTION:**New equipment & Replacement of existing equipment**

	Vehicle for Added Patrol Sergeants	FY09	\$42,000	\$42,000
#205	2005 Crown Victoria (transfer to PD Support Team)	FY11	\$0	
	Crown Vic Cruiser (#209 to PD Support Team)	FY11	\$42,000	
Ford Explorer with Police package (#219	2002 Ford Explorer)	FY11	\$42,000	
	New Chief Vehicle (#102P 2002 Trailblazer)	FY11	\$42,000	
	Vehicle Cameras (For 5 Vehicles)	FY11	\$38,000	
	Mobile Field Reporting DaPro upgrade	FY11	\$16,750	\$180,750
	Police Cruiser (#216 2006 Crown Victoria)	FY12	\$42,000	
	Police Cruiser (#226 2006 Crown Victoria)	FY12	\$42,000	
	Police Cruiser (#206 2006 Crown Vic)	FY12	\$42,000	\$126,000
	Police Cruiser (#207 2007 Crown Victoria)	FY13	\$42,000	\$42,000
	Police Cruiser (#208 2008 Crown Victoria)	FY14	\$42,000	
Ford Explorer with police package (#218	2008 Explorer)	FY14	\$42,000	\$84,000

OPERATING IMPACT**Police Vehicles --**

The addition of these new police vehicles to the Purcellville Police Fleet will continue to improve the overall performance of the emergency response vehicles that are available to our police force. The 2009 vehicle is meant for use by new patrol sergeants. Note: All vehicles from 2010 on will be replacement vehicles.

Vehicle Cameras --

The addition of this new in-vehicle camera system to the Purcellville Police Fleet will provide a substantial value to the department by enhancing officer safety, improving agency accountability, reducing agency liability, simplifying incident review, advancing prosecution/case resolution, and enhancing officer performance and professionalism.

Mobile Field Reporting --

This software upgrade will improve Field Reporting accuracy and timeliness by allowing officers to prepare reports in their vehicles and transmit them from their vehicles directly to the PPD server for a review by their sergeants.

FUNDING- SOURCE & TIMING**GOALS ADDRESSED**

Public Safety

PRIORITY

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0100

TITLE: Public Safety Capital

FUND General

PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	36,518	36,518			0						0
Bonds-New Loan	0				0						0
Cash Fund	497,750		65,000		65,000		180,750	126,000	42,000	84,000	432,750
	0				0						0
Other	62,493	62,493			0						0
TOTAL	596,761	99,011	65,000	0	65,000	0	180,750	126,000	42,000	84,000	432,750

PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	0				0						0
Construction	0				0						0
Equipment	596,761	99,011	65,000		65,000	0	180,750	126,000	42,000	84,000	432,750
TOTAL	596,761	99,011	65,000	0	65,000	0	180,750	126,000	42,000	84,000	432,750

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0110

TITLE: GIS
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND: General
STATUS: In Progress
PROJECT START DATE: 2nd Quarter 2007
ESTIMATED END DATE: 4th Quarter 2010

PROGRAM DESCRIPTION:

This project would provide consultant services to develop a foundation for a GIS system so it can be more useful to staff. FY 2009 will implement ArcView software and data migration from various sources, to consolidate information. FY 2010 will improve efficiency by implementing CityWorks Software to electronically process maintenance work orders and customer complaints.

PROJECT STATUS: The study is underway. KCI was awarded the contract.

OPERATING IMPACT

Provide integrated maps for sewer and water easements.
Map water facilities. Map storm drainage easements.
Map street lights, street signs and guardrails.
Will improve the efficiency, time spent researching information.
Operational expense of \$5,000 annually to maintain software licenses.

FUNDING- SOURCE & TIMING

GOALS ADDRESSED

This project will assist with the effective, integrated utility planning and growth management for the Town.
Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management.

PRIORITY

Improve Efficiency: Reduce staff time spent by consolidating information used daily. Work in 2010 to implement electronic processing of maintenance work orders and customer complaints.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0110

TITLE: GIS

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	83,250	2,250	81,000		81,000	0					0
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	83,250	2,250	81,000	0	81,000	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	83,250	2,250	81,000		81,000	0					0
Construction	0				0						0
Equipment	0				0						0
TOTAL	83,250	2,250	81,000	0	81,000	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094100-0115**

TITLE: Vehicles and Equipment Schedule
DEPARTMENT: Administration
PROJECT MGR: Patrick Childs

FUND General**STATUS:** Future Plan(FY10 fwd)**PROJECT START DATE:** 1st Quarter (Jul-Sep)**ESTIMATED END DATE:** 4th Quarter (Apr-Jun)**PROGRAM DESCRIPTION:**

The Town's vehicle and equipment replacement policy includes provisions that call for adequate maintenance of Town vehicles and equipment and for their orderly rehabilitation and replacement within available revenue and budgetary limits. The schedule included in the CIP lists the inventory of needs for vehicles and equipment exceeding \$10,000. In regards to vehicles, the Town will make every effort to evaluate whether there are suitable hybrids or alternative fuel vehicles available before purchasing non-hybrids or non-alternative vehicles.

- Replacement of 1996 Crown Vic with Ford Escape - \$30,000 in FY2011
- Replacement of 1998 Explorer with Truck/SUV - \$30,000 in FY2011
- Replacement of 2003 Intrepid with Ford Escape - \$35,000 in FY2012

OPERATING IMPACT

Regular and appropriate replacement cycles of vehicles and equipment ensure an efficient service delivery system that is not hampered by time lost to repairs, broken parts or maintaining outdated equipment and vehicles.

FUNDING- SOURCE & TIMING

This expense is proposed to be partially funded with cash with the remainder financed through issuance of bonds.

GOALS ADDRESSED

Maintenance of capital assets is one of many important criteria used by credit rating agencies to assess the fiscal health and credit rating of an organization. The Town should provide for the adequate maintenance of vehicles and equipment in accordance with the adopted vehicle replacement policy to ensure efficient and effective service delivery.

PRIORITY

Safety, maintenance and improve efficiency. When vehicles or equipment are not replaced on a consistent schedule, excessive downtime or staff labor may be used toward maintaining broken equipment and vehicles. This could disrupt services in a detrimental way that affects service delivery or causes safety or liability concerns.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0115

TITLE: Vehicles and Equipment Schedule

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	0	0			0						0
Bonds-New Loan	0				0	0					0
Cash Fund	95,000				0	0	60,000	35,000			95,000
	0				0						0
Other	0				0						0
TOTAL	95,000	0	0	0	0	0	60,000	35,000	0	0	95,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	0				0						0
Construction	0				0						0
Equipment	95,000	0	0		0		60,000	35,000			95,000
TOTAL	95,000	0	0	0	0	0	60,000	35,000	0	0	95,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094100-0120**

TITLE: New Equipment for Maintenance
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND: General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Ju) 2008
ESTIMATED END DATE: 4th Quarter (A) 2013

PROGRAM DESCRIPTION:

FY 2010: Special Events Trailer (\$12,000); Replacement Pick-up (\$45,000); Replacement Skid Loader (\$70,000)-cash;
Replacement Vehicle for Public Works Dept. (\$30,000);
FY 2011: Replacement Backhoe (\$100,000)
FY 2012: Replacement Inspector Pick-up (\$45,000);
FY 2013: Replacement Maintenance Pick-up (45,000)
<2 New Vehicles for added Maintenance Staff pending approval of additional maintenance staff members (\$80,000)>

OPERATING IMPACT

Equipment will increase safety levels, allow for improved responses, and/or make operations more efficient.

FUNDING- SOURCE & TIMING

USDA Rural Development Loan
Remaining fund requirements beyond USDA Rural Development need to be identified- either cash or bonds.

GOALS ADDRESSED

This project will help improve the safety of all of Purcellville's citizens.

PRIORITY

Maintenance: Replace aging equipment and vehicles to maintain a reliable fleet
Improve Efficiency: Addition of Special Events Trailer.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0120

TITLE: New Equipment for Maintenance

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds - USDA RD	363,500		176,500	30,000	206,500	157,000					157,000
Bonds-New Loan	0				0						0
Bonds - B of A	264,180	264,180									
Cash Fund	190,000				0	0	100,000	45,000	45,000		190,000
	0				0						0
Other	0				0						0
TOTAL	817,680	264,180	176,500	30,000	206,500	157,000	100,000	45,000	45,000	0	347,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	0				0						0
Construction	0				0						0
Equipment	817,680	264,180	176,500	30,000	206,500	157,000	100,000	45,000	45,000		347,000
TOTAL	817,680	264,180	176,500	30,000	206,500	157,000	100,000	45,000	45,000	0	347,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0130

TITLE: Town-wide Traffic Study
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jl) 2007
ESTIMATED END DATE: 4th Quarter (Al) 2012

PROGRAM DESCRIPTION:

The development of a Town-wide traffic management study to include traffic calming is intended to determine what road segments need to be constructed. The study is intended to include a survey of vehicles (at selected intersection stops) to determine where they came from and where they are going.

PROJECT STATUS: The study is near completion and the draft will be presented to the Transportation Committee in January 2009.

OPERATING IMPACT

This document will help identify improvements needed to better manage the Town's traffic. It should provide guidance on future capital projects for transportation.

FUNDING- SOURCE & TIMING

Funding for this project is from GO bonds.

GOALS ADDRESSED

This project was #1 on the 2007 Town Council Priority List.
This project will help meet the goal for an effective intermodal transportation system.
Comp Plan Goal: Connected, Efficient Street Network: Provide a connected network of attractive public streets in Town that efficiently and effectively manage traffic flow. Encourage the routing of through traffic to transportation corridors outside of the Town to minimize effects on the internal street system. Maintain and meet acceptable levels of service on all streets in Town.

PRIORITY

Improve Efficiency: Evaluate needs for traffic improvements.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0130

TITLE: Town-wide Traffic Study

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bonds-New Loan	75,000				0			75,000			75,000
Bonds-Sun Trust Loan	281,741	103,741	122,000	56,000	178,000						0
Bonds - B of A	12,936	12,936			0						0
Cash Fund	0				0						0
	0				0						0
Other	1,301	1,301			0						0
TOTAL	370,978	117,978	122,000	56,000	178,000	0	0	75,000	0	0	75,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	370,978	117,978	122,000	56,000	178,000			75,000			75,000
Construction	0				0						0
Equipment	0				0						0
TOTAL	370,978	117,978	122,000	56,000	178,000	0	0	75,000	0	0	75,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0140

TITLE: Wayfinding Sign System
DEPARTMENT: Planning
PROJECT MGR: Martha Mason Semmes

FUND General

STATUS: Future Plan(FY10 fwd)

PROJECT START DATE: 1st Quarter (Ju) 2009

ESTIMATED END DATE: 2nd Quarter (C) 2012

PROGRAM DESCRIPTION:

Design, fabricate and install a townwide directional wayfinding system of signs to assist residents and visitors to locate Town public facilities and attractions and to promote tourism.
Include interpretive signage for historic features of Fireman's Field.

OPERATING IMPACT

Project design and installation is a one-time expense proposed to be financed through grant funds and a cash match. Grant funding will be sought to partially offset design, sign fabrication and installation costs. There will be some continuing sign maintenance and replacement costs over time.

FUNDING- SOURCE & TIMING

Preserve America Grant funds will be sought in 2009. A 50% local match is required; Cash & in-kind match is proposed. Grant funding with 50% match from bond funding is suggested for sign fabrication & installation in FY2011 & 2012.

GOALS ADDRESSED

Comprehensive Plan Economic Development Implementation Strategy #8.2:
Develop an attractive, coordinated directional signage plan for destinations.

PRIORITY

New Service:
New directional & interpretative signs in selected Town locations to improve public safety and facilitate tourism.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0140

TITLE: Wayfinding Sign System

FUND General

PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grant-Preserve America	80,000				0	0	25,000	35,000	20,000		80,000
Bonds-Bank of America	2,452	2,452			0						0
Bonds-New Loan	55,000				0			35,000	20,000		55,000
Cash Fund	20,000				0	0	20,000				20,000
	0				0						0
Other: In-Kind Match	5,000				0	0	5,000				5,000
TOTAL	162,452	2,452	0	0	0	0	50,000	70,000	40,000	0	160,000

PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	50,000				0	0	50,000				50,000
Prof. Services	2,452	2,452			0						0
Construction	110,000				0			70,000	40,000		110,000
Equipment	0				0						0
TOTAL	162,452	2,452	0	0	0	0	50,000	70,000	40,000	0	160,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094100-0601**

TITLE: Downtown Streetscapes Enhancements
DEPARTMENT: Streets & Maintenance/Admin
PROJECT MGR: Department of Public Works
Marty Kloeden (Grants Administration)

FUND: General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jl) 2008
ESTIMATED END DATE: 4th Quarter (A) 2011

PROGRAM DESCRIPTION:

A multi-phased project to enhance the streetscapes in Downtown Purcellville. Funding is through the Federal Transportation Enhancement Grant program. Three phases have been funded to date with funding staggered by the federal fiscal year. The Town is applying for a fourth grant to update the overall project budget due to increased costs and prices for construction and labor. The Town will not learn if it shall be awarded additional funding until May 2009. The preliminary Engineering Phases of the project are now underway.

PROJECT STATUS: The study is underway. Kimely Horn was awarded the contract.

OPERATING IMPACT

Completed project will require additional resources for maintenance.

FUNDING- SOURCE & TIMING

Transportation Enhancement Grants have been awarded and applications for additional funding are in progress. The Town will be reimbursed for 80% of eligible project expenses. Grant and Town (matching) funding will be spent in the following order: design phase, right of way phase, then construction phase. VDOT approval is required prior to proceeding from one phase to the next. Right of way costs are unknown until scope of design is complete. Any right of way funds required would be deducted from available construction funds.

GOALS ADDRESSED

This project is a major component in addressing the Town Council's Priority Project to develop a "Public/Private" partnership for the redevelopment of North 21st Street. The project will upgrade sidewalks, lighting, landscaping and crosswalks in the area.

PRIORITY New Service:

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0601

TITLE: Downtown Streetscapes Enhancements

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	694,800		184,542	4,058	188,600	322,400	183,800				506,200
	0				0						0
Bonds-Sun Trust Loan	300,173	2,973	46,136	63,464	109,600	187,600					187,600
Bonds-New Loan	65,950				0		65,950				65,950
Cash Fund	260,250				0		260,250				260,250
	0				0						0
Other	0				0						0
TOTAL	1,321,173	2,973	230,678	67,522	298,200	510,000	510,000	0	0	0	1,020,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	508,200			278,200	278,200	190,000	40,000				230,000
Prof. Services	62,973	2,973	159,465	(139,465)	20,000	20,000	20,000				40,000
Construction	750,000		71,213	(71,213)	0	300,000	450,000				750,000
Equipment	0				0						0
TOTAL	1,321,173	2,973	230,678	67,522	298,200	510,000	510,000	0	0	0	1,020,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0604

TITLE: LASER MICROFICHE
DEPARTMENT: Admin/IT
PROJECT MGR: J. Helbert

FUND General
STATUS: In Progress
PROJECT START DATE: 2nd Quarter (Oct-Dec)
ESTIMATED END DATE: 4th Quarter (Apr-Jun)

PROGRAM DESCRIPTION:

This is a program that was put into place to save on storage needed for records as well as to make our records or accessible for the public and for staff. This will eventually be a Town wide scanning system that will work with other systems purchased by the Town for records management. This project could also be considered as part of an environmental friendly initiative by the Town.

OPERATING IMPACT

As the program is introduced into each department there will be training of staff and back scanning of documents, however once the program is in full use it will dramatically cut back on the time spent searching for records and documents.

FUNDING- SOURCE & TIMING

GOALS ADDRESSED

PRIORITY Improve Efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0604

TITLE: LASER MICROFICHE

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	67,675	37,675	30,000		30,000						0
Bonds-New Loan	0				0						0
Cash Fund	45,000				0		15,000	15,000	15,000		45,000
	0				0						0
Other	0				0						0
TOTAL	112,675	37,675	30,000	0	30,000	0	15,000	15,000	15,000	0	45,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	20,000		20,000		20,000						0
Construction	0				0						0
Equipment	92,675	37,675	10,000		10,000		15,000	15,000	15,000		45,000
TOTAL	112,675	37,675	30,000	0	30,000	0	15,000	15,000	15,000	0	45,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094100-0608**

TITLE: Trails and Pathways Project
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 1st Quarter (Jl) 2007
ESTIMATED END DATE: 4th Quarter (A) 2010

PROGRAM DESCRIPTION:

Allocation of \$110,000 to begin planning, acquisition and construction of Phase I of our Trails/Pathways Partnership and link with other modes of transportation.

PROJECT STATUS: Deferred until revenue source can be identified.

OPERATING IMPACT

Impact of increased maintenance and future capital replacement.

FUNDING- SOURCE & TIMING

Not identified

GOALS ADDRESSED

Comp Plan Goal: Pedestrian and Bicycle Friendly Town: Promote Purcellville as a pedestrian and bicycle friendly Town. Provide quality pedestrian and bicycle facilities and experiences for residents and visitors. Provide safe facilities that exhibit adequate separation of vehicles, bicycles and pedestrians.

PRIORITY New Service

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094100-0608

TITLE: Trails and Pathways Project

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	0				0						0
Bonds-New Loan	0				0						0
Cash Fund	0				0						0
Un-Specified Source	120,000				0		120,000				120,000
Other	0				0						0
TOTAL	120,000	0	0	0	0	0	120,000	0	0	0	120,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	10,000				0		10,000				10,000
Engr. Study/Design	10,000				0		10,000				10,000
Prof. Services	0	0			0						0
Construction	100,000				0		100,000				100,000
Equipment	0				0						0
TOTAL	120,000	0	0	0	0	0	120,000	0	0	0	120,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094101**

TITLE: Maintenance Facility
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE:
ESTIMATED END DATE: 2nd Quarter (C 2010

PROGRAM DESCRIPTION:

The existing Maintenance Facility is considerably undersized and out-of-date. The design and construction of a new 13,578 square feet maintenance facility for Streets & Maintenance/Utilities will allow for a more efficient response to routine and emergency work orders with more space to organize tools and equipment; savings in dollars and time through bulk purchase and storage of salt and sand; extended equipment/vehicle life through "out-of-the-weather" storage.

PROJECT STATUS: Design complete & construction contract issued.

OPERATING IMPACT

The project will increase the debt burden due to its initial cost. But in the long run it should decrease operating costs by: 1) allowing for the bulk purchasing of salt, sand, and other supplies at reduced rates, 2) lower the repair costs by allowing equipment/vehicle in "out-of-the-weather" storage, and 3) lower future capital costs by extended equipment/vehicle life through "out-of-the-weather" storage, 4) lowers the need and cost of rental equipment due to improved maintenance and reliability on town owned equipment

FUNDING- SOURCE & TIMING

Rural Development Loan-USDA

GOALS ADDRESSED

This project will help improve the safety of all of Purcellville's citizens, and improve responsiveness to citizen's needs.

PRIORITY

Improve Efficiency: Better protect materials and equipment resulting in more efficient responses.
Maintenance: Construction contract has been awarded

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094101

TITLE: Maintenance Facility

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bonds-Sun Trust Loan	130,000			130,000	130,000						0
Bonds USDA RD	5,181,207	89,920	3,534,979	240,308	3,775,287	1,316,000					1,316,000
Bonds - B of A	191,498	191,498			0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	5,502,705	281,418	3,534,979	370,308	3,905,287	1,316,000	0	0	0	0	1,316,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	296,870	204,583	44,979	31,558	76,537	15,750					15,750
Prof. Services	553,834	76,834		394,750	394,750	82,250					82,250
Construction	4,652,000		3,370,000	64,000	3,434,000	1,218,000					1,218,000
Equipment	0				0						0
Miscellaneous	0		120,000	(120,000)	0						0
TOTAL	5,502,705	281,418	3,534,979	370,308	3,905,287	1,316,000	0	0	0	0	1,316,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094103**

TITLE: Stormwater Management Study
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND: General
STATUS: In Progress
PROJECT START DATE: 2nd Quarter (C) 2007
ESTIMATED END DATE: 4th Quarter (A) 2013

PROGRAM DESCRIPTION:

Based on the 2006 Wiley Wilson Stormwater Assessment, the purpose of this Stormwater Management Project is to identify problems with ditch overflow, wet basements or standing water caused by storm drains that are undersized, in need of repair, or constructed of an inappropriate material, and propose a plan and course of action to mitigate the problems.

PROJECT STATUS: The study is underway. William Gordon & Associates were awarded the contract.

OPERATING IMPACT

Similar to the Infiltration and Inflow analysis of the sanitary sewer system recently completed, this project will provide an inventory of the stormwater system (pipes, inlets, culverts, ditches) that the town is responsible for. This inventory will allow for a more organized approach to maintenance and troubleshooting, a more focused identification of problem areas and a priority list of recommended repairs and improvements to the system.

FUNDING- SOURCE & TIMING**GOALS ADDRESSED**

This project helps obtain the goals of high environmental standards, improved living environment, and safe streets.
Comp Plan Implementaion Strategy: Develop and implement a Storm Water Management Plan. Include regional storm water management strategies for managing storm water runoff quantity and quality, particularly on East Main Street

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094103

TITLE: Stormwater Management Study

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	206,694	81,694	125,000		125,000						0
Bonds-New Loan	500,000				0		125,000	125,000	125,000	125,000	500,000
Bonds - B of A	87,140	87,140			0						0
Cash Fund	0				0						0
Other	0				0						0
TOTAL	793,834	168,834	125,000	0	125,000	0	125,000	125,000	125,000	125,000	500,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	793,668	168,668	125,000		125,000		125,000	125,000	125,000	125,000	500,000
Prof. Services	166	166			0						0
Construction	0				0						0
Equipment	0				0						0
TOTAL	793,834	168,834	125,000	0	125,000	0	125,000	125,000	125,000	125,000	500,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094200

TITLE: 14th Street Widening/G Street Sidewalk
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: Complete
PROJECT START DATE: 2nd Quarter (C 2007
ESTIMATED END DATE:

PROGRAM DESCRIPTION:

This project will widen 14th Street so it has full-width improvements along its entire length, improve the storm drainage system, and install connecting sidewalk to G St./12th St. intersection.

PROJECT STATUS: The project is complete. Last payment to be processed in the next few weeks

OPERATING IMPACT

This project will widen 14th Street so it has full-width improvements along its entire length, improve the storm drainage system, and install connecting sidewalk to G St./12th St. intersection.

FUNDING- SOURCE & TIMING

CDBG Grant in amount of \$52,000 received 2008.
Loudoun County in the amount of \$100,000 received 2007.

GOALS ADDRESSED

Comp Plan Goal: Pedestrian and Bicycle Friendly Town: Promote Purcellville as a pedestrian and bicycle friendly Town. Provide quality pedestrian and bicycle facilities and experiences for residents and visitors. Provide safe facilities that exhibit adequate separation of vehicles, bicycles and pedestrians.
Comp Plan Implementaion Strategy: Provide sidewalks where lacking. Adopt a sidewalk improvement plan in conjunction with the Capital Improvement Plan that includes prioritized projects. Give priority to a sidewalk program that addresses school access.

PRIORITY Improve Efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094200

TITLE: 14th Street Widening/G Street Sidewalk

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants CDBG	54,000	54,000			0						0
Loudoun County	100,000	100,000			0						0
Bonds-Sun Trust Loan	143,632	65,916		77,716	77,716						0
Bonds - B of A	30,948	30,948			0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	328,579	250,863	0	77,716	77,716	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	46,434	43,629		2,805	2,805						0
Prof. Services	83,409	75,909		7,500	7,500						0
Construction	198,738	131,327	0	67,411	67,411						0
Equipment	0				0						0
TOTAL	328,580	250,864	0	77,716	77,716	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094201**

TITLE: Main & Maple Intersect Improvements
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE:
ESTIMATED END DATE:

PROGRAM DESCRIPTION:

This project entails adding a right turn lane to each portion of the intersection to reduce the bottlenecks and conflict points by closing driveways near the intersection. This project will also enhance pedestrian & bicycle movement through the addition of crosswalks, a new traffic signal and pedestrian signals. This project was initiated in 2004.

PROJECT STATUS: Engineer design underway. Construction deferred until funding acquired.
Direction to be obtained by the Transportation Committee.

OPERATING IMPACT

The traffic improvements should reduce the amount of oversight by the Police Department to control traffic during rush hour. There may be some additional costs associated with preventative maintenance activities.

FUNDING- SOURCE & TIMING

- 1) VDOT 6-year plan inclusion, which would total around \$2.8 million.
- 2) Un-specified

GOALS ADDRESSED

This project is #10 on the 2007 Town Council Priority List.
Comp Plan Goal: Connected, Efficient Street Network: Provide a connected network of attractive public streets in Town that efficiently and effectively manage traffic flow. Encourage the routing of through traffic to transportation corridors outside of the Town to minimize effects on the internal street system. Maintain and meet acceptable levels of service on all streets in Town.

PRIORITY

Improve efficiency: Improve traffic flow and capacity at the Main St and Maple Ave intersection.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094201

TITLE: Main & Maple Intersect Improvements

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	581,800		1,450,000	(868,200)	581,800						0
	0				0						0
Bonds-Sun Trust Loan	103,311	33,311	380,000	(310,000)	70,000						0
Bonds-New Loan	0				0						0
Un-Specified Source	8,681,167				0	0	1,683,200	2,734,650	2,574,645	1,688,672	8,681,167
Bonds - B of A	114,479	114,479			0						0
Cash Fund	0				0						0
Other	59,967	59,967			0						0
TOTAL	9,540,724	207,757	1,830,000	(1,178,200)	651,800	0	1,683,200	2,734,650	2,574,645	1,688,672	8,681,167

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	1,338,200		1,490,000	(1,490,000)	0	0	1,338,200	0	0	0	1,338,200
Engr. Study/Design	777,829	156,029		621,800	621,800	0	0	0	0	0	0
Prof. Services	141,688	11,688		30,000	30,000	0	25,000	30,000	30,000	15,000	100,000
Construction	7,283,008	40,041	340,000	(340,000)	0	0	320,000	2,704,650	2,544,645	1,673,672	7,242,967
Equipment	0				0						0
TOTAL	9,540,724	207,757	1,830,000	(1,178,200)	651,800	0	1,683,200	2,734,650	2,574,645	1,688,672	8,681,167

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094202

TITLE: Main St Sidewalk Improvements
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jl) 2009
ESTIMATED END DATE: 4th Quarter (Al) 2010

PROGRAM DESCRIPTION:

The purpose of this project is to construct missing sidewalk segments around the Town to promote pedestrian access. Northside of E. Main Street from Pickwick Dr to Maple Ave. (2400 linear feet)

PROJECT STATUS: The design is underway. Construction to commence near the end of FY 2010 into 2011.

OPERATING IMPACT

The Town will be responsible for maintaining the additional sidewalks. This will require additional funding for maintenance and upkeep of the sidewalks on an annual basis.

FUNDING- SOURCE & TIMING

VDOT Revenue Sharing will reimburse the Town for 50% of eligible expenses up to \$252,722.

NOTE: \$28,733 received from Washington & Stang (Loudoun Veterinary Service) for Main Street improvements. Moved from zoning escrow funds to 119-3130399-0000 Misc. GF CIP revenue with JE#60 in FY09.
2010- funding is from Loudoun County Field's Farm Settlement

GOALS ADDRESSED

This project will help meet the goal for an effective intermodal transportation system.
Comp Plan Implementaion Strategy: Provide sidewalks where lacking. Adopt a sidewalk improvement plan in conjunction with the Capital Improvement Plan that includes prioritized projects. Give priority to a sidewalk program that addresses school access.

PRIORITY New Service: Design and construct missing sidewalk segments

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094202

TITLE: Main St Sidewalk Improvements

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	252,722		48,000	(8,500)	39,500	213,222					213,222
Loudoun Co. Settmnt	298,568				0	298,568					298,568
Bonds-Sun Trust Loan	81,367		48,000	33,367	81,367						0
Bonds-New Loan	0				0	0					0
Cash Fund	0				0						0
	0				0						0
Other^	51,207	22,474		28,733	28,733						0
TOTAL	683,864	22,474	96,000	53,600	149,600	511,790	0	0	0	0	511,790

^ See Funding NOTE

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	39,600		39,600	0	39,600						0
Engr. Study/Design	99,882	4,882	56,400	38,600	95,000						0
Prof. Services	54,236	14,236		15,000	15,000	25,000					25,000
Construction	490,145	3,355			0	486,790					486,790
Equipment	0				0						0
TOTAL	683,864	22,474	96,000	53,600	149,600	511,790	0	0	0	0	511,790

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094205

TITLE: S. Nursery Avenue Sidewalk Improvements
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND: General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (J) 2009
ESTIMATED END DATE: 4th Quarter (A) 2010

PROGRAM DESCRIPTION:

The purpose of this project is to construct missing sidewalk segments around the Town to promote pedestrian access. S. Nursery Avenue from Fireman’s Field to School Street (1000 linear feet). This sidewalk section will connect Emerick Elementary School and the Community Center to Downtown. Project is from the 2004 Sidewalk Priority List Developed by the Parks and Recreation Advisory Board.

PROJECT STATUS: The design is underway. Construction to commence near the end of FY 2010 into 2011.

OPERATING IMPACT

The Town will be responsible for maintaining the additional sidewalks this will require additional funding for maintenance and upkeep of the sidewalks on an annual basis.

FUNDING- SOURCE & TIMING

This project is one of three projects (along with S 32nd Street Sidewalk and N 21st Street Sidewalk) funded in majority by a VDOT Bike/Pedestrian Safety grant which provides \$450,000 in Federal funds that VDOT matched with \$49,000 and the Town must match with \$1,000 for a total of \$500,000. These grants are split among various projects(205/206/207).

GOALS ADDRESSED

This project will help meet the goal for an effective intermodal transportation system.
Comp Plan Implementaion Strategy: Provide sidewalks where lacking. Adopt a sidewalk improvement plan in conjunction with the Capital Improvement Plan that includes prioritized projects. Give priority to a sidewalk program that addresses school access.

PRIORITY New Service: New sidewalk.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094205

TITLE: S. Nursery Avenue Sidewalk Improvements

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	144,667			34,667	34,667	0	110,000				110,000
	0				0						0
Bonds-Sun Trust Loan	38,516	5,959	61,224	(28,667)	32,557						0
Bonds-New Loan	150,000				0	0	150,000				150,000
Cash Fund	0				0						0
	0				0						0
Other	3,796	3,796			0						0
TOTAL	336,979	9,755	61,224	6,000	67,224	0	260,000	0	0	0	260,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	16,700		16,700		16,700						0
Engr. Study/Design	44,779	255	44,524		44,524						0
Prof. Services	35,500	9,500		6,000	6,000	0	20,000				20,000
Construction	240,000				0	0	240,000				240,000
Equipment	0				0						0
TOTAL	336,979	9,755	61,224	6,000	67,224	0	260,000	0	0	0	260,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094206**

TITLE: N. 21st Street Sidewalk Improvements
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jl) 2009
ESTIMATED END DATE: 4th Quarter (A) 2010

PROGRAM DESCRIPTION:

The purpose of this project is to construct missing sidewalk segments around the Town to promote pedestrian access. N 21st Street Project From Banbury Glen Ct to O St (1700 ft). This sidewalk section will connect connect 2 residential developments to the Downtown. Project is from the 2004 Sidewalk Priority List Developed by the Parks and Recreation Advisory Board.

PROJECT STATUS: The design is underway. Construction to commence near the end of FY 2010 into 2011.

OPERATING IMPACT

The Town will be responsible for maintaining the additional sidewalks this will require additional funding for maintenance and upkeep of the sidewalks on an annual basis.

FUNDING- SOURCE & TIMING

This project is one of three projects (along with S 32nd Street Sidewalk and Nursery Ave Sidewalk) funded in majority by a VDOT Bike/Pedestrian Safety grant which provides \$450,000 in Federal funds that VDOT matched with \$49,000 and the Town must match with \$1,000 for a total of \$500,000. These grants are split among various projects(205/206/207).

GOALS ADDRESSED

This project will help meet the goal for an effective intermodal transportation system.
Comp Plan Implementaion Strategy: Provide sidewalks where lacking. Adopt a sidewalk improvement plan in conjunction with the Capital Improvement Plan that includes prioritized projects. Give priority to a sidewalk program that addresses school access.

PRIORITY New Service: New sidewalk.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094206

TITLE: N. 21st Street Sidewalk Improvements

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	156,543		48,600	(2,057)	46,543	110,000					110,000
	0				0						0
Bonds-Sun Trust Loan	205,184	1,627		53,557	53,557	150,000					150,000
Bonds-New Loan	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	2,314	2,314			0						0
TOTAL	364,041	3,941	48,600	51,500	100,100	260,000	0	0	0	0	260,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	28,600		28,600		28,600						0
Engr. Study/Design	66,812	1,312	20,000	45,500	65,500						0
Prof. Services	28,629	2,629		6,000	6,000	20,000					20,000
Construction	240,000				0	240,000					240,000
Equipment	0				0						0
TOTAL	364,041	3,941	48,600	51,500	100,100	260,000	0	0	0	0	260,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094207

TITLE: S. 32nd Street Sidewalk Improvements
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jl) 2009
ESTIMATED END DATE: 4th Quarter (A) 2010

PROGRAM DESCRIPTION:

The purpose of this project is to construct missing sidewalk segments around the Town to promote pedestrian access. S. 32nd Street between Rugby Court and Nursery Avenue (600 linear feet). This sidewalk section will connect 2 residential developments to the Downtown. Project is from the 2004 Sidewalk Priority List Developed by the Parks and Recreation Advisory Board.

PROJECT STATUS: The design is underway. Construction to commence near the end of FY 2010 into 2011.

OPERATING IMPACT

The Town will be responsible for maintaining the additional sidewalks this will require additional funding for maintenance and upkeep of the sidewalks on an annual basis.

FUNDING- SOURCE & TIMING

This project is one of three projects (along with Nursery Ave Sidewalk and N 21st Street Sidewalk) funded in majority by a VDOT Bike/Pedestrian Safety grant which provides \$450,000 in Federal funds that VDOT matched with \$49,000 and the Town must match with \$1,000 for a total of \$500,000. These grants are split among various projects(205/206/207).

GOALS ADDRESSED

This project will help meet the goal for an effective intermodal transportation system.
Comp Plan Implementaion Strategy: Provide sidewalks where lacking. Adopt a sidewalk improvement plan in conjunction with the Capital Improvement Plan that includes prioritized projects. Give priority to a sidewalk program that addresses school access.

PRIORITY

New Service: New sidewalk.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094207

TITLE: S. 32nd Street Sidewalk Improvements

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	135,637		24,900	2,980	27,880	107,757					107,757
	0				0						0
Bonds-Sun Trust Loan	25,997	677	0	18,320	18,320	7,000					7,000
Bonds-New Loan	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	2,060	2,060			0						0
TOTAL	163,694	2,737	24,900	21,300	46,200	114,757	0	0	0	0	114,757

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	9,900		9,900		9,900						0
Engr. Study/Design	33,530	230	15,000	18,300	33,300						0
Prof. Services	12,507	2,507		3,000	3,000	7,000					7,000
Construction	107,757				0	107,757					107,757
Equipment	0				0						0
TOTAL	163,694	2,737	24,900	21,300	46,200	114,757	0	0	0	0	114,757

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094252

TITLE: Traffic Signals on N23rd/Main
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General

STATUS: Complete

PROJECT START DATE:
ESTIMATED END DATE:

PROGRAM DESCRIPTION:

Installation of traffic signals with Opticom pre-emptive devices at N 23rd Main Street intersections will improve the overall level of service for those intersections and should provide traffic gaps for vehicles at the Teardrop. Left-hand turn lanes will also be installed on east bound Main at 23rd, and south bound 23rd Street.

PROJECT STATUS: The project is complete.

OPERATING IMPACT

The Town is responsible for maintenance of this signals.

FUNDING- SOURCE & TIMING

This was a VDOT Revenue Sharing Project.

GOALS ADDRESSED

This project is #8 on the 2007 Town Council Priority List.
Comp Plan Goal: Connected, Efficient Street Network: Provide a connected network of attractive public streets in Town that efficiently and effectively manage traffic flow. Encourage the routing of through traffic to transportation corridors outside of the Town to minimize effects on the internal street system. Maintain and meet acceptable levels of service on all streets in Town.

PRIORITY

Improve efficiency: Improve traffic flow

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094252

TITLE: Traffic Signals on N23rd/Main

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	119,705	119,705			0						0
	0				0						0
Bonds-Sun Trust Loan	54,390	52,828		1,562	1,562						0
Bonds - B of A	166,359	166,359			0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	340,454	338,892	0	1,562	1,562	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	40	40			0						0
Engr. Study/Design	46,946	46,946			0						0
Prof. Services	293,468	291,907	0	1,562	1,562						0
Construction	0		0		0						0
Equipment	0				0						0
TOTAL	340,454	338,892	0	1,562	1,562	0	0	0	0	0	0

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094253

TITLE: Southern Collector Road
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 1st Quarter (Jl) 2010
ESTIMATED END DATE: 4th Quarter (A) 2011

PROGRAM DESCRIPTION:

Acquire land for Maple Avenue A Street Roundabout; Improvements to A Street from 32nd Street to connection with Main Street; Addition of Roundabouts and concomitant road enhancements.

PROJECT STATUS: No funding is allocated for this FY. Staff recommends completing the engineer design and property acquisition in FY 2010

OPERATING IMPACT

This project would require the Town to maintain the new roads

FUNDING- SOURCE & TIMING

Anticipated VDOT & NVTC funding of \$3.8 million. On hold.

GOALS ADDRESSED

Comp Plan Goal: Connected, Efficient Street Network: Provide a connected network of attractive public streets in Town that efficiently and effectively manage traffic flow. Encourage the routing of through traffic to transportation corridors outside of the Town to minimize effects on the internal street system. Maintain and meet acceptable levels of service on all streets in Town.

Comp Plan Implementaion Strategy: Pursue the connection of A Street to Route 287 in a manner that is consistent with the design and conservation recommendations

PRIORITY

Improve Efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094253

TITLE: Southern Collector Road

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Loudoun Co. Settmnt	580,000				0	580,000					580,000
Bonds-Sun Trust Loan	27,876	636		27,240	27,240						0
Bonds-New Loan	0				0						0
Un-Specified Source	5,105,000					0	800,000	4,305,000			5,105,000
Bonds - B of A	1,481	1,481			0						0
Cash Fund	0				0						0
Other	853	853			0						0
TOTAL	5,715,209	2,970	0	27,240	27,240	580,000	800,000	4,305,000	0	0	5,685,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	575,470	470	0		0	115,000	460,000				575,000
Engr. Study/Design	822,240			27,240	27,240	455,000	340,000				795,000
Prof. Services	217,500	2,500	0		0	10,000		205,000			215,000
Construction	4,100,000				0			4,100,000			4,100,000
Equipment	0				0						0
TOTAL	5,715,209	2,970	0	27,240	27,240	580,000	800,000	4,305,000	0	0	5,685,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094257

TITLE: Traffic Signals on Hatcher/Main
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General

STATUS: Complete

PROJECT START DATE:
ESTIMATED END DATE:

PROGRAM DESCRIPTION:

Installation of traffic signals with Opticom pre-emptive devices at the Hatcher Ave. and Main Street intersection will improve the overall level of service for this intersection and should provide traffic gaps for vehicles at the Teardrop. Left-hand turn lanes will also be installed on Hatcher.

PROJECT STATUS: The project is complete.

OPERATING IMPACT

The Town is responsible for maintenance of this signals.

FUNDING- SOURCE & TIMING

This was a VDOT Revenue Sharing Project.

GOALS ADDRESSED

This project is #8 on the 2007 Town Council Priority List.
Comp Plan Goal: Connected, Efficient Street Network: Provide a connected network of attractive public streets in Town that efficiently and effectively manage traffic flow. Encourage the routing of through traffic to transportation corridors outside of the Town to minimize effects on the internal street system. Maintain and meet acceptable levels of service on all streets in Town.

PRIORITY

Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094257

TITLE: Traffic Signals on Hatcher/Main

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	75,926	75,926			0						0
	0				0						0
Bonds-Sun Trust Loan	(15,329)	(17,928)		2,599	2,599						0
Bonds - B of A	164,961	164,961			0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	225,558	222,959	0	2,599	2,599	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	542	542			0						0
Engr. Study/Design	38,321	38,321			0						0
Prof. Services	186,434	183,834		2,599	2,599						0
Construction	47	47			0						0
Equipment	0				0						0
Miscellaneous	215	215			0						0
TOTAL	225,558	222,959	0	2,599	2,599	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094258**

TITLE: Nursery Avenue Storm Sewer
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jl 2007
ESTIMATED END DATE: 2nd Quarter (C 2010

PROGRAM DESCRIPTION:

This project will replace the drainage culvert under S 32nd Street near Nursery Ave. The existing culvert is aging and inadequate. A new concrete box culvert is to be installed in conjunction with the water and sewer improvements on S 32nd Street and Nursery Ave.

PROJECT STATUS: IFB for design work to be issued shortly. Design work to be completed in April. The construction will span over the end of FY09 into the next budget cycle.

OPERATING IMPACT

This project will reduce the Maintenance costs associated with repairs due to poor drainage.

FUNDING- SOURCE & TIMING

Funding for this project is from GO bonds.

GOALS ADDRESSED

Comp Plan Goal: Physical Infrastructure: Provide sufficient physical infrastructure to accommodate future business growth and new economic development opportunities. Ensure that physical infrastructure enhances the town's appearance.

Comp Plan Implementaion Strategy: Upgrade and maintain, water, sewer and storm drainage facilities and systems to promote the public health, welfare and safety.

PRIORITY Maintenance

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094258

TITLE: Nursery Avenue Storm Sewer

FUND General

PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	134,000		190,000	(166,000)	24,000	110,000					110,000
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
	0				0						0
TOTAL	134,000	0	190,000	(166,000)	24,000	110,000	0	0	0	0	110,000

PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0	0			0						0
Prof. Services	20,000			10,000	10,000	10,000					10,000
Construction	114,000		190,000	(176,000)	14,000	100,000					100,000
Equipment	0				0						0
TOTAL	134,000	0	190,000	(166,000)	24,000	110,000	0	0	0	0	110,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094259

TITLE: D Street Drainage & Sidewalk
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jl) 2009
ESTIMATED END DATE: 4th Quarter (Al) 2010

PROGRAM DESCRIPTION:

This project would address a drainage issue along the south side of D Street. The elevation drops off significantly as you head towards 20th Street and there have been substantial problems with storm water flow and ditch line drainage. In addition, new sidewalk on D Street would provide a linkage, along with the upgrades on 14th Street and 12th Street, for the business district located at Main and Maple. Project may include sidewalk if CDBG funding is obtained.

PROJECT STATUS: The design is underway. Construction will be pushed back until funding can be identified.

OPERATING IMPACT

This project will reduce the Maintenance costs associated with repairs due to poor drainage. The Town will be responsible for maintaining the additional sidewalks this will require additional funding for maintenance and upkeep of the sidewalks on an annual basis.

FUNDING- SOURCE & TIMING

CDBG application will be submitted.

GOALS ADDRESSED

This project will help meet the goal for an effective intermodal transportation system.
Comp Plan Implementaion Strategy: Provide sidewalks where lacking. Adopt a sidewalk improvement plan in conjunction with the Capital Improvement Plan that includes prioritized projects. Give priority to a sidewalk program that addresses school access.
Comp Plan Implementaion Strategy: Upgrade and maintain, water, sewer and storm drainage facilities and systems to promote the public health, welfare and safety.

PRIORITY

New Service: New sidewalk.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094259

TITLE: D Street Drainage & Sidewalk

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-CDBG	108,291				0	108,291					108,291
Loudoun Co. Settmnt	141,709				0	141,709					141,709
Bonds-Sun Trust Loan	43,000		35,000	8,000	43,000						0
Bonds-New Loan	0				0						0
Cash Fund	0				0						0
Un-Specified Source	0				0		0				0
Other	0				0						0
TOTAL	293,000	0	35,000	8,000	43,000	250,000	0	0	0	0	250,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	40,000	0	35,000	5,000	40,000						0
Prof. Services	18,000			3,000	3,000	15,000	0				15,000
Construction	235,000				0	235,000	0				235,000
Equipment	0				0						0
TOTAL	293,000	0	35,000	8,000	43,000	250,000	0	0	0	0	250,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094260**

TITLE: West Main & 32nd Street Intersection
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 1st Quarter (JL) 2013
ESTIMATED END DATE: 4th Quarter (A) 2013

PROGRAM DESCRIPTION:

Installation of traffic signals with Opticom pre-emptive devices at West Main Street and 32nd Street intersection will improve the overall level of service for this intersection and should provide traffic gaps for vehicles. Turn lanes may also be installed on Main Street or 32nd Street.

PROJECT STATUS:

Deferred until revenue source can be identified.
November 19, 2008 Budget Committee meeting- approved removing from CIP since no VDOT support or funding available in foreseeable future.

OPERATING IMPACT

The Town is responsible for maintenance of this signals.

FUNDING- SOURCE & TIMING

Recommend deferring project to 2013. Previously expected Gas Tax funds not available for this project.

GOALS ADDRESSED

Comp Plan Goal: Connected, Efficient Street Network: Provide a connected network of attractive public streets in Town that efficiently and effectively manage traffic flow. Encourage the routing of through traffic to transportation corridors outside of the Town to minimize effects on the internal street system. Maintain and meet acceptable levels of service on all streets in Town.

PRIORITY

New Service: New traffic signal.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094260

TITLE: West Main & 32nd Street Intersection

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0		150,000	(150,000)	0						0
	0				0						0
Bonds-Sun Trust Loan	0		70,000	(70,000)	0						0
Bonds-New Loan	0				0						0
Cash Fund	0				0						0
Un-Specified Source	0				0				0		0
Other	0				0						0
TOTAL	0	0	220,000	(220,000)	0	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0	0	40,000	(40,000)	0				0		0
Prof. Services	0				0				0		0
Construction	0	0	180,000	(180,000)	0				0		0
Equipment	0				0						0
TOTAL	0	0	220,000	(220,000)	0	0	0	0	0	0	0

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094261

TITLE: Relocation of Town Hall
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 4th Quarter (A) 2010
ESTIMATED END DATE:

PROGRAM DESCRIPTION:

This project will entail the study and design needed to meet the space requirements of the town staff and to provide adequate storage for town documents.

PROJECT STATUS:

Tied to the lease/purchase agreement. Work to commence date unknown at this time
Reducing funding of SunTrust loan to transfer to other current projects moving forward before the SunTrust abritrage loan end date of May 2010.

OPERATING IMPACT

The new town hall should improve interaction between staff and the customers that they serve.

FUNDING- SOURCE & TIMING

Funding will come from either the sale or lease of the existing Town Hall facility.

GOALS ADDRESSED

This project will ensure that the Town has adequate space to conduct daily business and activities to enhance customer service and improve responsiveness to the residents.

PRIORITY

Improves Efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094261

TITLE: Relocation of Town Hall

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	424,251		1,024,414	(600,163)	424,251						0
Bonds-New Loan	0				0						0
Cash Fund	0		205,586	(205,586)	0						0
	0				0						0
Other	0				0						0
TOTAL	424,251	0	1,230,000	(805,749)	424,251	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	62,836	0	30,000	32,836	62,836						0
Prof. Services	0				0						0
Construction	0	0	1,100,000	(1,100,000)	0						0
Equipment	0				0						0
Miscellaneous	361,415		100,000	261,415	361,415						0
TOTAL	424,251	0	1,230,000	(805,749)	424,251	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094262**

TITLE: West Main Street - Sidewalk from 28th to 33rd St.
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND: General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jl) 2009
ESTIMATED END DATE: 4th Quarter (A) 2010

PROGRAM DESCRIPTION:

Installation of sidewalk on north side of West Main Street from 28th Street to 33rd Street. Extend existing sidewalk to residential communities at west end of Town.

PROJECT STATUS: The design is underway. Construction to commence near the end of FY 2010 into 2011.

OPERATING IMPACT

The Town will be responsible for maintaining the additional sidewalks.

FUNDING- SOURCE & TIMING

The Town was awarded a \$499,000 VDOT(Federal 90%) Bike/Pedestrian Safety grant in October 2006. Project costs above \$474,000 will need to be from Town funds.

GOALS ADDRESSED

This project will help meet the goal for an effective intermodal transportation system.
Comp Plan Implementaion Strategy: Provide sidewalks where lacking. Adopt a sidewalk improvement plan in conjunction with the Capital Improvement Plan that includes prioritized projects. Give priority to a sidewalk program that addresses school access.

PRIORITY

New Service: New sidewalk.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094262

TITLE: West Main Street - Sidewalk from 28th to 33rd St.

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	471,000		99,000	41,000	140,000	331,000					331,000
	0				0						0
Bonds-Sun Trust Loan	84,000		56,000	4,000	60,000	24,000					24,000
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	555,000	0	155,000	45,000	200,000	355,000	0	0	0	0	355,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	100,000	0	100,000		100,000						0
Engr. Study/Design	90,000	0	55,000	35,000	90,000						0
Prof. Services	34,000			10,000	10,000	24,000					24,000
Construction	331,000				0	331,000					331,000
Equipment	0				0						0
TOTAL	555,000	0	155,000	45,000	200,000	355,000	0	0	0	0	355,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094263**

TITLE: Fireman's Field Upgrades
DEPARTMENT: Administration
PROJECT MGR: Samer Beidas

FUND: General
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 1st Quarter (Jul-Sep)
ESTIMATED END DATE: 4th Quarter (Apr-Jun)

PROGRAM DESCRIPTION:

In FY08-09, the Town finalized the acquisition of Fireman's Field from the Purcellville Volunteer Fire Department. The upgrades included in this project are lights at the smaller baseball field in FY2010-11 and paving and lighting the larger parking lot along Nursery Avenue in FY2009-2010.
FY10 = lighting related expenditures
Paving pushed to later years until re-location of Town office scheduled

OPERATING IMPACT

Increased electrical costs and maintenance for ballfield and parking lot lighting.

FUNDING- SOURCE & TIMING

These projects are proposed to be financed through the issuance of bonds.

GOALS ADDRESSED

Comprehensive Plan references include the following: Parks and Recreation - Enhanced Quality of Life and Protection of Open Space and Sensitive Resources; Expanded Opportunities for Recreation Programs, Facilities and Access; Adequate Recreation Facilities.

PRIORITY

Mandatory, maintenance, improve efficiency, new service

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094263

TITLE: Fireman's Field Upgrades

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bonds-Sun Trust Loan	50,000				0	50,000					50,000
Bonds-New Loan	350,000				0	0	250,000	100,000			350,000
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	400,000	0	0	0	0	50,000	250,000	100,000	0	0	400,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	50,000				0	50,000					50,000
Prof. Services	0				0						0
Construction	350,000				0	0	250,000	100,000			350,000
Equipment	0				0						0
TOTAL	400,000	0	0	0	0	50,000	250,000	100,000	0	0	400,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094264**

TITLE: Fireman's Field Skating Rink Renovation
DEPARTMENT: Administration
PROJECT MGR: Samer Beidas

FUND: General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jul-Sep)
ESTIMATED END DATE: 4th Quarter (Apr-Jun)

PROGRAM DESCRIPTION:

In FY08-09, the Town finalized the acquisition of Fireman's Field from the Purcellville Volunteer Fire Department. In April 2007, Building Diagnostics, Inc. completed an inspection report with observations and some conclusions on repairs. The original structure - the skating rink - is a post and beam design with wood siding with block foundation walls and concrete footings as additions on the east and west sides. The main structure is estimated to be about 100 years old. The interior of the roof framing shows signs of stress. In the crawlspaces, some joists are cracked and need repairs and recommendations include improving crawlspace ventilation. The roof has many significant sags and the shingles need replacement which indicates possible structural problems. The general fusing of the electrical system is satisfactory but the panels need doors installed. The A/C has four units - three dated 1998 and one dated 1995 with a life expectancy of 10-12 years. Therefore, the A/C units will need to be replaced. The baseball and foot-ball concession general condition is satisfactory. Roof(s) remaining life is estimated at six years. The appliances were not evaluated at that time and will need to be as soon as the Town is the owner. The main conclusion from this report is that the main structure appears to have major problems in both roof structure and floor system, the roof needs replacement and that major repairs are anticipated. In FY08-09, the Town is working with a structural engineering firm to perform the structural inspection and evaluation.

OPERATING IMPACT

The orderly replacement and maintenance of facilities and associated equipment minimizes the additional maintenance costs incurred when facilities are in a state of disrepair. Failure to make major repairs such as roof repairs results in safety issues and cost escalation if the work is deferred to a later date.

FUNDING- SOURCE & TIMING

These projects are proposed to be financed through the issuance of bonds. The Town is working to identify potential grants to cover construction costs.

GOALS ADDRESSED

Comprehensive Plan references include the following: Parks and Recreation - Enhanced Quality of Life and Protection of Open Space and Sensitive Resources; Expanded Opportunities for Recreation Programs, Facilities and Access; Adequate Recreation Facilities; Historic Preservation.

PRIORITY

Mandatory, maintenance, improve efficiency.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094264

TITLE: Fireman's Field Skating Rink Renovation

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds-Sun Trust Loan	300,000		50,000		50,000	250,000					250,000
Bonds-New Loan	1,000,000				0	0	350,000	650,000			1,000,000
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	1,300,000	0	50,000	0	50,000	250,000	350,000	650,000	0	0	1,250,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	50,000	0	50,000		50,000						0
Prof. Services	0				0						0
Construction	1,250,000				0	250,000	350,000	650,000			1,250,000
Equipment	0				0						0
TOTAL	1,300,000	0	50,000	0	50,000	250,000	350,000	650,000	0	0	1,250,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094266

TITLE: Park Maintenance and Replacement Fund
DEPARTMENT: Administration
PROJECT MGR: Samer Beidas

FUND: General
STATUS: In Progress
PROJECT START DATE: 1st Quarter (Jul) 2008
ESTIMATED END DATE:

PROGRAM DESCRIPTION:

This annual project includes funds to address maintenance work and upgrades to the Town's park facilities. As the Town's parks and greenways age, renovations and upgrades become necessary in order to provide the level of service that meets resident expectations. The renovations and upgrades will preserve and protect the Town's facilities and make them safe and accessible for patrons. Also, in FY08-09, the Town acquired Firemans Field which will expand the Town's recreation opportunities as well as maintenance responsibilities. The ongoing contingency funds of \$10,000 per year are requested to fund small park repairs as needed.

PROJECT STATUS: Should be moved to operations.

November 19, 2008 Budget Committee meeting- approved eliminating from CIP & moving to operations going forward

OPERATING IMPACT

The orderly replacement and maintenance of facilities and associated equipment minimizes the additional maintenance costs incurred when facilities are in a state of disrepair.

FUNDING- SOURCE & TIMING

Cash

GOALS ADDRESSED

Comprehensive Plan references include the following: Parks and Recreation - Enhanced Quality of Life and Protection of Open Space and Sensitive Resources; Expanded Opportunities for Recreation Programs, Facilities and Access; Adequate Recreation Facilities.

PRIORITY

Maintenance: Maintenance and upgrades to park facilities.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094266

TITLE: Park Maintenance and Replacement Fund

FUND General

PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds	0				0						0
	0				0						0
Cash Fund	20,000		20,000		20,000	0	0	0	0	0	0
	0				0						0
Other	0				0						0
TOTAL	20,000	0	20,000	0	20,000	0	0	0	0	0	0

PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	0				0						0
Construction	20,000	0	20,000		20,000	0	0	0	0	0	0
Equipment	0				0						0
TOTAL	20,000	0	20,000	0	20,000	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094267**

TITLE: Maple to W&OD Trail
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: In Progress
PROJECT START DATE: 2008
ESTIMATED END DATE: 4th Quarter (A) 2010

PROGRAM DESCRIPTION:

Bicycle and pedestrian improvements are proposed along North Maple Avenue(Route 722), from the Purcellville Volunteer Fire Department to approximately 100 LF north of the W&OD. Improvements along North Maple Avenue include increased vehicular, bicycle and pedestrian signage, and addition of sidewalks and landscape strips. The project also includes improvements to the W&ODRRP's trails, consisting of the realignment of approximately 365 LF of trail to intersect perpendicular to North Maple Avenue. Pedestrian crossing striping and signage will also be added.

PROJECT STATUS: Design underway. Project linked to grant.

OPERATING IMPACT

Town will be responsible for Maintenance

FUNDING- SOURCE & TIMING

The Town will receive funds from the 2004 Federal Bicycle & Pedestrian Grant.

GOALS ADDRESSED

This project is part of the Main Maple Intersection Project and is #10 on the 2007 Town Council Priority List.
Comp Plan Goal: Pedestrian and Bicycle Friendly Town: Promote Purcellville as a pedestrian and bicycle friendly Town. Provide quality pedestrian and bicycle facilities and experiences for residents and visitors. Provide safe facilities that exhibit adequate separation of vehicles, bicycles and pedestrians.

PRIORITY

New Service: New sidewalk/trail.

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094267

TITLE: Maple to W&OD Trail

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants-VDOT	460,000		466,000	(391,000)	75,000	385,000					385,000
	0				0						0
Bonds-Sun Trust Loan	120,000		54,000	51,000	105,000	15,000					15,000
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	580,000	0	520,000	(340,000)	180,000	400,000	0	0	0	0	400,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	75,000	0	75,000		75,000						0
Engr. Study/Design	100,000	0	20,000	80,000	100,000						0
Prof. Services	20,000			5,000	5,000	15,000					15,000
Construction	385,000	0	425,000	(425,000)	0	385,000					385,000
Equipment	0				0						0
TOTAL	580,000	0	520,000	(340,000)	180,000	400,000	0	0	0	0	400,000

CAPITAL PROJECT DETAIL**PROJECT #: 119-4094268**

TITLE: Bus Shelters
DEPARTMENT: Public Works
PROJECT MGR: Samer Beidas

FUND General
STATUS: Complete
PROJECT START DATE: 1st Quarter (Jl 2008
ESTIMATED END DATE:

PROGRAM DESCRIPTION:

The Town has partnered with Virginia Regional Transit to place bus shelters at various locations throughout the Town. One exists at Town Hall and one is proffered by the development at Purcellville Gateway. Four additional planned shelters are at the follow locations: Loudoun Community Center, Cardinal Bank, Maple Avenue Apartments, and Loudoun Valley Shopping Center.

PROJECT STATUS: Near completion.

OPERATING IMPACT

Maintaining and upkeep of the bus shelter.

FUNDING- SOURCE & TIMING

CDBG funding for \$10,000 for the Maple Avenue Apartments and Cardinal Bank locations. VRTA is supplying the Bus Shelter structures.

GOALS ADDRESSED

This project will help meet the goal for an effective intermodal transportation system.

PRIORITY New Service

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094268

TITLE: Bus Shelters

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants CDBG	8,600		8,600		8,600						0
	0				0						0
Bonds-Sun Trust Loan	6,500			6,500	6,500						0
	0				0						0
Cash Fund	1,400		1,400		1,400						0
	0				0						0
Other	0				0						0
TOTAL	16,500	0	10,000	6,500	16,500	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	6,500			6,500	6,500						0
Construction	10,000	0	10,000		10,000						0
Equipment	0				0						0
TOTAL	16,500	0	10,000	6,500	16,500	0	0	0	0	0	0

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094269

TITLE: New Town Hall Purchase
DEPARTMENT: Administration
PROJECT MGR: Samer Beidas

FUND General
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 1st Quarter (Jl 2009
ESTIMATED END DATE: 2nd Quarter (C 2009

PROGRAM DESCRIPTION:

Purchase old Purcellville Baptist Church at 221 Nursery Avenue for conversion to a new Town Hall.

PROJECT STATUS:

OPERATING IMPACT

None until FY11 or FY12

FUNDING- SOURCE & TIMING

Private placement bond with capitalized interest for a three year period then converted to permanent financing.

GOALS ADDRESSED

Community Facilities and Services: Pursue the necessary street connections and property acquisitions that will enable the future realignment of 20th street/Nursery Avenue at Main Street and the potential development of a new expanded Town hall and public green.

PRIORITY

Top Town Council priority

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094269

TITLE: New Town Hall Purchase

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds - NEW LOAN	2,500,000				0	2,500,000					2,500,000
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
	0				0						0
TOTAL	2,500,000	0	0	0	0	2,500,000	0	0	0	0	2,500,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	2,000,000				0	2,000,000					2,000,000
Engr. Study/Design	200,000				0	200,000					200,000
Prof. Services	100,000				0	100,000					100,000
Construction	200,000				0	200,000					200,000
Equipment	0				0						0
	0				0						0
TOTAL	2,500,000	0	0	0	0	2,500,000	0	0	0	0	2,500,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094270

TITLE: New Town Hall Renovation
DEPARTMENT: Administration
PROJECT MGR: Samer Beidas

FUND General
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 1st Quarter (Jl) 2010
ESTIMATED END DATE: 4th Quarter (A) 2010

PROGRAM DESCRIPTION:

Renovation of old Purcellville Baptist Church as new Town Hall.

PROJECT STATUS:

OPERATING IMPACT

None until FY12 - FY13

FUNDING- SOURCE & TIMING

Private placement bond with capitalized interest for a three year period then converted to permanent financing.

GOALS ADDRESSED

Community Facilities and Services: Pursue the necessary street connections and property acquisitions that will enable the future realignment of 20th street/Nursery Avenue at Main Street and the potential development of a new expanded Town hall and public green.

PRIORITY

Top Town Council priority

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094270

TITLE: New Town Hall Renovation

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds - NEW LOAN	2,000,000				0		2,000,000				2,000,000
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	2,000,000	0	0	0	0	0	2,000,000	0	0	0	2,000,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	100,000				0		100,000				100,000
Prof. Services	100,000				0		100,000				100,000
Construction	1,500,000				0		1,500,000				1,500,000
Equipment	300,000				0		300,000				300,000
TOTAL	2,000,000	0	0	0	0	0	2,000,000	0	0	0	2,000,000

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094271

TITLE: Future Projects-Loudoun County Settlement
DEPARTMENT: Council
PROJECT MGR:

FUND: General
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 1st Quarter (Jl) 2010
ESTIMATED END DATE: 1st Quarter (Jl) 2011

PROGRAM DESCRIPTION:

Including this project detail sheet in the Capital Improvement Program reflects a reduction to the overall CIP since these funds will be applied to future transportation related projects.
(Shown as negative because it will reduce overall CIP funding load)

PROJECT STATUS:

OPERATING IMPACT

FUNDING- SOURCE & TIMING

Loudoun County Settlement \$2 million at annexation (approx. June 2009) & \$2 million at final occupancy permit (approx. Sep. 2010)

GOALS ADDRESSED

PRIORITY

CAPITAL PROJECT DETAIL

PROJECT #: 119-4094271

TITLE: Future Projects-Loudoun County Settlement

FUND General

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	RECEIVED in 2009	Proposed Designation to Projects	Remaining Undesignated Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds - NEW LOAN	0				0						0
	0				0						0
Cash Fund	0				0						0
Loudoun Co. Settlement	(4,373,733)		(1,780,000)	1,406,267	(373,733)	(2,000,000)	(2,000,000)				(4,000,000)
Other	0				0						0
TOTAL	(4,373,733)	0	(1,780,000)	1,406,267	(373,733)	(2,000,000)	(2,000,000)	0	0	0	(4,000,000)

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	0				0						0
Construction	(4,373,733)		(1,780,000)	1,406,267	(373,733)	(2,000,000)	(2,000,000)				(4,000,000)
Equipment	0				0						0
TOTAL	(4,373,733)	0	(1,780,000)	1,406,267	(373,733)	(2,000,000)	(2,000,000)	0	0	0	(4,000,000)

WATER FUND

PROJECT DETAIL SHEETS

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094504**

TITLE: Jeffries Well Development
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas
 Norm Hutchison

FUND: Water
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2008
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2009

PROGRAM DESCRIPTION:

This project involves the transitioning of the well from a temporary use to a permanent source for the Town's water supply. This project will require a pretreatment building to be constructed and will involve approval from both the Virginia Department of Health and Loudoun County's Department of Building & Development.

PROJECT STATUS: Contract awarded for the design work and is proceeding as scheduled.

OPERATING IMPACT

The well is expected to increase the water capacity of the Town System by 36,000 gpd. Mixing the well water with the reservoir water may also decrease the alkalinity adjustment needed thus decreasing costs for soda ash. Operations of the well will increase electricity, permanganate chemical costs and maintenance costs. Estimated to be less than \$40,000/yr.

FUNDING- SOURCE & TIMING

Funding for this project will come from GO Bonds.

GOALS ADDRESSED

Additional water sources are needed to meet the water demands for the Town of Purcellville. The following specific goals will also be addressed: #5 of the Top Ten Priorities developed by Town Council in July, 2006 states "Establish an aggressive strategy to search for water resources."
Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."
Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY New Service

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094504

TITLE: Jeffries Well Development

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	481,208	21,208	30,000	20,000	50,000	410,000					410,000
Bond- B of A	24,590	24,590			0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	505,798	45,798	30,000	20,000	50,000	410,000	0	0	0	0	410,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	20,000		20,000		20,000						0
Engr. Study/Design	75,047	45,047	10,000	20,000	30,000						0
Prof. Services	10,000				0	10,000					10,000
Construction	400,166	166			0	400,000					400,000
Equipment	0				0						0
Miscellaneous	585	585			0						0
TOTAL	505,798	45,798	30,000	20,000	50,000	410,000	0	0	0	0	410,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094506**

TITLE: Short & Intermediate Water Investments
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas
 Norm Hutchison

FUND Water
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 3rd Qtr(Jan-Mar) 2011
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2013

PROGRAM DESCRIPTION:

This project will involve the feasibility review, design and construction of a new water source system that can meet the long term needs of the Town. This project will be one of the recommendations from the 2007 Water Resources Study to increase the Town's water supply. In FY 2009, money is budgeted to initiate the process of implementing those sources identified in the water resources study.

PROJECT STATUS: Contract awarded and work is underway. See descriptions below for more detail

OPERATING IMPACT

The new water source is expected to provide a water supply to meet the needs of the community through build out. Several of the options in the Water Resource Study will require additional electrical costs for pumping, manpower for general maintenance like mowing, road improvements and equipment and transmission maintenance. Estimated cost is \$50,000/year or more plus staff time. In order to take advantage of the total additional supply, the existing Water Treatment Plant will need to be expanded or replaced with a larger facility. Costs will need to be determined during the Preliminary Engineering Report phase of that project.

FUNDING- SOURCE & TIMING

Funding for this project is through GO Bonds. Funding from availability fees should be considered. Projections for funding may vary and change as one or more alternatives may get eliminated as others choices become more probable for completion.

GOALS ADDRESSED

The following goals are addressed by this project: #5 of the Top Ten Priorities developed by Town Council in July, 2006 states Establish an aggressive strategy to search for water resources.
Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."
Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory
 New Service

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094506

TITLE: Short & Intermediate Water Investments

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	2,327,689	92,163	1,208,000		1,208,000	1,027,526					1,027,526
Bond-New loan	4,672,474				0	1,772,474	2,800,000	100,000			4,672,474
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	43,851	43,851			0						0
TOTAL	7,044,014	136,014	1,208,000	0	1,208,000	2,800,000	2,800,000	100,000	0	0	5,700,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	1,215,663	15,663			0		1,200,000				1,200,000
Engr. Study/Design	1,366,617	58,617	1,208,000		1,208,000	0	100,000				100,000
Prof. Services	446,507	46,507			0	300,000		100,000			400,000
Construction	4,000,000				0	2,500,000	1,500,000				4,000,000
Equipment	0				0						0
Miscellaneous	15,227	15,227			0						0
TOTAL	7,044,014	136,014	1,208,000	0	1,208,000	2,800,000	2,800,000	100,000	0	0	5,700,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094508**

TITLE: Long Term Water Resource Implementation
DEPARTMENT: Water
PROJECT MGR: Samer Beidas
 Alex Vanegas
 Norm Hutchison

FUND Water
STATUS: In Progress
PROJECT START DATE: 3rd Qtr(Jan-Mar) 2007
ESTIMATED END DATE: 1st Qtr(Jul-Sep) 2011
 for short-term water supply solutions

PROGRAM DESCRIPTION:

This project will involve the implementing the various water resource options for the Water Resource Study to provide a long term solution for the Town. The plan has become part of the Water Supply Plan required by DEQ and planned for completion regionally through the Northern Virginia Council of Governments. The Town will employ the strategy of following multiple pathways to reduce risk associated with having only one option. As the town moves forward with this project, the amount of money needed may increase or decrease depending on the avenue that the town pursues.

PROJECT STATUS: Contract awarded and work is underway. See descriptions below for more detail

OPERATING IMPACT

Additional operational costs will occur with the new facilities.

FUNDING- SOURCE & TIMING

Funding for this project will come from GO Bonds.

GOALS ADDRESSED

The following goals are addressed by this project: #5 of the Top Ten Priorities developed by Town Council in July, 2006 states Establish an aggressive strategy to search for water resources.

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management.

Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY

Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094508

TITLE: Long Term Water Resource Implementation

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	1,113,685	423,685	690,000		690,000						0
Bond-New loan	5,135,000				0	650,000	1,775,000	2,710,000			5,135,000
Bond- B of A	237,329	237,329			0						0
Cash Fund	0				0						0
Other	0				0						0
TOTAL	6,486,014	661,014	690,000	0	690,000	650,000	1,775,000	2,710,000	0	0	5,135,000

* Does not include the costs associated with the implementation of the Long Term recommendations

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	200,000		50,000		50,000	50,000		100,000			150,000
Engr. Study/Design	2,701,014	661,014	640,000		640,000	600,000	400,000	400,000			1,400,000
Prof. Services	1,000,000				0			1,000,000			1,000,000
Construction	2,585,000				0	0	1,375,000	1,210,000			2,585,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	6,486,014	661,014	690,000	0	690,000	650,000	1,775,000	2,710,000	0	0	5,135,000

The budgeted amounts for 2008 and beyond are very preliminary and will need to be updated upon completion of the Water Resources Study.

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094510**

TITLE: Water Conservation Plan
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas
 Norm Hutchison

FUND Water
STATUS: In Progress
PROJECT START DATE: 4th Qtr(Apr-Jun) 2008
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2013

PROGRAM DESCRIPTION:

A conservation program will be developed to include a broad spectrum of water conservation methods that the Town will implement. The program is hoped to increase awareness of water conservation and in turn reduce overall everyday water demand to the Town's system. This plan will be an element of the Water Resource Study.

PROJECT STATUS: Should be moved to operations.

November 19, 2008 Budget Committee meeting- approved eliminating from CIP & moving to operations going forward

OPERATING IMPACT

The desired impact will be an overall reduction in the everyday and drought period water demand by the users. Budget allocation are needed for rebates as incentives to improve participation. Staffing time will also be necessary to develop, implement and keep the program current. This would be a program upgrade that current staffing resources won't be sufficient to support. Once the plan is completed, yearly operational support will be better defined. It is likely that expenditures will be needed each year but will likely be funded as an operational expense.

FUNDING- SOURCE & TIMING

Funding should be from the operating fund.

GOALS ADDRESSED

The following goals are addressed by this project: #5 of the Top Ten Priorities developed by Town Council in July, 2006 states Establish an aggressive strategy to search for water resources.

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY

New Service

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094510

TITLE: Water Conservation Plan

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds	0				0						0
	0				0						0
Cash Fund	24,250	4,250	20,000		20,000	0	0	0	0		0
	0				0						0
Other	0				0						0
TOTAL	24,250	4,250	20,000	0	20,000	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	4,250	4,250			0						0
Prof. Services	0				0						0
Construction	0				0						0
Equipment	0				0						0
Miscellaneous	20,000		20,000		20,000	0	0	0	0		0
TOTAL	24,250	4,250	20,000	0	20,000	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094511**

TITLE: Water Distribution System Evaluation and Implementation
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas
 Andrea Broshkevitch

FUND Water
STATUS: In Progress
PROJECT START DATE: 3rd Qtr(J: 2007
ESTIMATED END DATE: 2nd Qtr(C 2011

PROGRAM DESCRIPTION:

This project will identify location coordinates for each element of the water distribution system and develop a model for the hydraulics and water quality of the system. The elements will be incorporated into a GIS layer on the Town's GIS map. The project will also provide a recommended implementation plan for needed improvements to the distribution system. Once the project is completed, the implementation plan will be updated and individual improvement projects will be identified on their own detail sheet.

PROJECT STATUS: Design to commence in the Spring 2009 and construction to be shifted out one year.

OPERATING IMPACT

Maintenance of a GIS database system is key to keeping the water map and model accurate and therefore useful. A full-time staff person will be required to operate and maintain the GIS system for all the maps for the Town including the water line map. Operating budget impact is estimated to be equivalent to 1/3 of a staff person. Additional funding will be needed to obtain coordinates for any new elements that are added to the system.

FUNDING- SOURCE & TIMING

Funding for this project is from GO bonds. Upgrades or replacement to pipes from FY 2012 forward should be from the operating fund.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."
Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Maintenance Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094511

TITLE: Water Distribution System Evaluation and Implementation

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bond-New loan	355,000				0		355,000				355,000
Bond-Sun Trust loan	906,592	196,592	355,000	(255,000)	100,000	610,000					610,000
Bond- B of A	105,030	105,030			0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	1,366,622	301,622	355,000	(255,000)	100,000	610,000	355,000	0	0	0	965,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	456,562	301,562	55,000	(5,000)	50,000	50,000	55,000				105,000
Prof. Services	10,000			5,000	5,000	5,000					5,000
Construction	900,000		300,000	(255,000)	45,000	555,000	300,000				855,000
Equipment	0				0						0
Miscellaneous	60	60			0						0
TOTAL	1,366,622	301,622	355,000	(255,000)	100,000	610,000	355,000	0	0	0	965,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094513**

TITLE: A Street Water Line Loop
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas

FUND: Water
STATUS: New
PROJECT START DATE: 1st Qtr(Jul-Sep) 2009
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2010

PROGRAM DESCRIPTION:

This project involves the design, easement acquisition and installation of a water line loop from Gardner Meadows to a water line at the Blue Ridge Middle School. During a series of water line breaks on 20th Street, it was determined that a water loop would have permitted many residents to retain water supply while the 20th Street line was taken out of service for repairs. It is expected that completion of the Water Distribution System Evaluation model will help in identifying the best hydraulic location for the line and the possible placement of a water tank at the Blue Ridge Middle School. Planned expenditures will need to be updated after completion of the Water Distribution Evaluation is completed.

PROJECT STATUS: IFB for design work to be issued shortly.

OPERATING IMPACT

This project will improve the reliability of the system as well as the water quality of the system. It will reduce interruptions of service to users in the southern section of Town. Operational costs and time are not expected to be affected by the completion of this project.

FUNDING- SOURCE & TIMING

Funding for this project will come from GO Bonds.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094513

TITLE: A Street Water Line Loop

FUND Water

PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bond-Sun Trust loan	210,483	2,483	203,000	(170,000)	33,000	175,000					175,000
Cash Fund	0				0						0
Other	0				0						0
TOTAL	210,483	2,483	203,000	(170,000)	33,000	175,000	0	0	0	0	175,000

PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	30,483	2,483	28,000		28,000						0
Prof. Services	5,000			5,000	5,000						0
Construction	175,000		175,000	(175,000)	0	175,000					175,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	210,483	2,483	203,000	(170,000)	33,000	175,000	0	0	0	0	175,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094514**

TITLE: Vulnerability Assessment
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas
 Eileen Boeing

FUND: Water
STATUS: In Progress
PROJECT START DATE: 3rd Qtr(Jan-Mar) 2007
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2012

PROGRAM DESCRIPTION:

After the 911 terrorist attacks, the federal government required all water systems to conduct an assessment of the vulnerabilities to the Water System. This assessment identified potential vulnerabilities and recommended improvements. The assessment was completed in June, 2005 and the Town is now working to implement recommendations made in the Assessment.

The assessment has identified items that could be completed to reduce the vulnerabilities at the facilities. Due to the sensitive nature of this information it is not possible to go into details on what those improvements might be.

PROJECT STATUS: Items continue to be evaluated. FY 2010 forward funding to come from cash.

OPERATING IMPACT

Additional operating budget and staff time will be needed to operate and maintain some of the recommended improvements. For some of the items, new positions will be needed and equipment will need to go on an every 3-4 year replacement program.

FUNDING- SOURCE & TIMING

FY 2009 funding is from the GO Bonds. FY 2010 forward: recommend funding be from the operating fund.

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094514

TITLE: Vulnerability Assessment

FUND Water

PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	182,799	122,799	60,000		60,000						0
	0				0						0
Cash Fund	150,000				0	50,000	50,000	50,000			150,000
	0				0						0
Other	0				0						0
TOTAL	332,799	122,799	60,000	0	60,000	50,000	50,000	50,000	0	0	150,000

PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	10,000		10,000		10,000	0	0	0			0
Prof. Services	0				0						0
Construction	322,799	122,799	50,000		50,000	50,000	50,000	50,000			150,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	332,799	122,799	60,000	0	60,000	50,000	50,000	50,000	0	0	150,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094515**

TITLE: New Elevated Water Tank
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas
 Andrea Broshkevitch

FUND: Water
STATUS: New
PROJECT START DATE: 1st Qtr(Jul-Sep) 2009
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2011

PROGRAM DESCRIPTION:

This project involves the sizing, siting and construction of an additional finished water storage tank for the water distribution system. The Virginia Department of Health requires that the Town maintain a certain level of water storage. The initial Water Tank Siting Study has identified that there is a need for an additional 500,000 gallons of finished storage capacity. The next step in the study will be to utilize the new model developed in the Water Distribution Study to further evaluate the sites discussed in the Tank Siting Study and begin acquisition of a tank site. Costs for land acquisition, design and construction will be updated after the additional evaluation with the model is completed.

PROJECT STATUS: On hold to be pushed back to FY 2011 or FY 2012

OPERATING IMPACT

Installation of this tank will provide additional finished water storage to the town and additional fire flow capacity. Additional operational costs include: every 10 - 15 years the tank will need to be painted (approximately \$150,000), cost for electricity and communications for water level (approximately \$1000/yr), and cost for security access to tank (approximately \$6,000/yr). Possible revenue through rental of cell phone sites (approximately \$2400/month/site).
 Every 10 - 15 years the tank needs to be painted (approximately \$150,000)
 Cost for electricity and communications for water level (approximately \$1000/yr)
 Cost for security access to tank (approximately \$6,000/yr)
 Possible revenue through rental of cell phone sites (approximately \$2400/month/site)

FUNDING- SOURCE & TIMING

Funding should come from the GO bonds. Repayment should come from leasing location on tower for cell phone antennas.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094515

TITLE: New Elevated Water Tank

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	378,817	28,817	350,000		350,000						0
Bond-New loan	2,390,000				0		2,390,000				2,390,000
Bond- B of A	23,704	23,704			0						0
Cash Fund	0				0						0
Other	0				0						0
TOTAL	2,792,521	52,521	350,000	0	350,000	0	2,390,000	0	0	0	2,390,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	100,000	0	100,000		100,000						0
Engr. Study/Design	342,185	52,185	250,000		250,000		40,000				40,000
Prof. Services	0				0						0
Construction	2,350,335	335			0		2,350,000				2,350,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	2,792,521	52,521	350,000	0	350,000	0	2,390,000	0	0	0	2,390,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094516**

TITLE: Switch to Hypochlorite
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas

FUND Water
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2008
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2009

PROGRAM DESCRIPTION:

This project involves replacing gas chlorine with liquid hypochlorite. Gas chlorine is very dangerous to the workers and the surrounding public. For this reason, stored chlorine gas can become a target for terrorists. Liquid chlorine in the form of sodium hypochlorite is much safer. Most communities in the area have already made the switch or plan on making the switch. The Water Resource Study will identify the plans for the WTP and this project would then be incorporated into that plan as appropriate. Planned Expenditures will need to be updated after the design is completed.

PROJECT STATUS: Design is underway. Construction has not yet been procured.

OPERATING IMPACT

Liquid Chlorine will cost more to purchase, however, the increase in safety to both staff and the public offset the cost difference. The first phase of the design will provide cost impact numbers for future budgeting purposes.

FUNDING- SOURCE & TIMING

Funding for this project is through GO Bonds.

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094516

TITLE: Switch to Hypochlorite

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bond-Sun Trust loan	340,000		320,000	20,000	340,000						0
Cash Fund	0				0						0
Other	0				0						0
TOTAL	340,000	0	320,000	20,000	340,000	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	40,000	0	20,000	20,000	40,000						0
Prof. Services	0				0						0
Construction	300,000		300,000		300,000						0
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	340,000	0	320,000	20,000	340,000	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094517**

TITLE: Generation of GIS layers for Water Easements
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas
 Andrea Broshkevitch

FUND Water
STATUS: In Progress
PROJECT START DATE: 3rd Qtr(Jan-Mar) 2007
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2009
 * may need to change based on progress made in first year.

PROGRAM DESCRIPTION:

This project involves title research, surveying and generation of a GIS layer for all water line easements for the Town. This will allow staff to quickly determine the easement location and type for each property in question. Budget expenditures may need to be modified after the first year as the Town's staff will be able to better identify what elements are needed in the GIS system through a phased approach.

PROJECT STATUS: Partial underway. KCI completed report and implementing recommendations. Can defer out years.

OPERATING IMPACT

Generation of a GIS layer for the water line easements will reduce staff time to research a particular item and will aid in defining land and easement acquisition needs for some CIP projects. Maintenance of a GIS system is key to keeping it accurate and therefore useful. A full-time staff person will be required to operate and maintain the GIS system for all the maps for the Town including the easements and water and wastewater lines. Operating budget impact to the Water Fund is estimated to be equivalent to 1/3 of a staff person and maintenance of extensive computer equipment and software. (Assume \$30,000 total cost/year).

FUNDING- SOURCE & TIMING

Funding for this project is through GO Bonds.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."
Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094517

TITLE: Generation of GIS layers for Water Easements

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	123,771	23,771	100,000		100,000						0
Bond-New loan	0				0						0
Cash Fund	80,000				0	50,000	10,000	10,000	10,000		80,000
	0				0						0
Other	0				0						0
TOTAL	203,771	23,771	100,000	0	100,000	50,000	10,000	10,000	10,000	0	80,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	60,359	20,359	100,000	(60,000)	40,000						0
Prof. Services	68,412	3,412		10,000	10,000	25,000	10,000	10,000	10,000		55,000
Construction	50,000			50,000	50,000						0
Equipment	25,000				0	25,000					25,000
Miscellaneous	0				0						0
TOTAL	203,771	23,771	100,000	0	100,000	50,000	10,000	10,000	10,000	0	80,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094518**

TITLE: Water Master Plan
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas

FUND: Water
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2009
ESTIMATED END DATE: 3rd Qtr(Jan-Mar) 2010

PROGRAM DESCRIPTION:

The project involves the updating of the Water Master Plan to show future needs for the system that is consistent with the Town's Comprehensive Plan & PUGAMP plan. This project will provide the Town with a roadmap for capacity demand for the Town's water treatment and distribution system through build out. Much of the needed background for the plan will be collected as part of the Water Distribution Evaluation and Water Resources Study. This project budget has been budgeted for several years but has been delayed in anticipation of a new Comprehensive Plan and PUGAMP plan.

PROJECT STATUS: Push back to FY 2010 after annexation efforts are addressed

OPERATING IMPACT

Completion of an updated Water Master Plan will aid in discussions with future developers to better define the water needs, lines sizes requirements, and associated upgrades to the distribution & treatment system.

FUNDING- SOURCE & TIMING

Funding for this project is through GO Bonds.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."
Comp Plan Implementaion Strategy: Review and update fundamental utility infrastructure plans at least every 5 years to ensure effective long-term planning and implementation of public systems.
Mandatory

PRIORITY Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094518

TITLE: Water Master Plan

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	82,829	22,829	60,000		60,000						0
Bond- B of A	7,900	7,900			0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	90,729	30,729	60,000	0	60,000	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	90,729	30,729	60,000		60,000						0
Prof. Services	0				0						0
Construction	0				0						0
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	90,729	30,729	60,000	0	60,000	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094519**

TITLE: Transition to a SCADA system
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas

FUND Water
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2007
ESTIMATED END DATE: 2nd Qtr(Oct-Dec) 2009

PROGRAM DESCRIPTION:

This project involves installing a SCADA (Supervisory Control and Data Acquisition) system for all remote facilities. The SCADA system will permit the water plants to wirelessly communicate and operate the remote well stations through a base computer at the main facilities. This system will facilitate operations tremendously.

PROJECT STATUS: Construction has not yet been procured.

OPERATING IMPACT

This project will allow operators to monitor remote facilities and will alert them to problems sooner. Operations costs for operators will be reduced by decreasing site visits needed. Budget will be necessary to maintain the electronic equipment that is needed and replacement of parts may be needed every 3-5 years.

FUNDING- SOURCE & TIMING

Funding for this project is through GO Bonds.

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094519

TITLE: Transition to a SCADA system

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bond-Sun Trust loan	83,640	8,640	60,000	15,000	75,000						0
Cash Fund	0				0						0
Other	0				0						0
TOTAL	83,640	8,640	60,000	15,000	75,000	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	8,640	8,640			0						0
Prof. Services	0				0						0
Construction	75,000		60,000	15,000	75,000						0
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	83,640	8,640	60,000	15,000	75,000	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094520**

TITLE: Compliance with Groundwater Disinfection Rule
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas

FUND Water
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 1st Qtr(Jul-Sep) 2010
ESTIMATED END DATE: 2nd Qtr(Oct-Dec) 2011

PROGRAM DESCRIPTION:

This project involves identification and implementation of changes that will be needed to meet a pending regulation concerning disinfection requirements of groundwater sources. It is expected that adjustments will need to be made to the Main Street Well System only as the other two well systems were designed to meet this pending rule. It is unknown when the rule will go into effect but consultants have indicated that it would not be before 2010.

PROJECT STATUS: On hold pending implementation of the Groundwater Disinfection Rule.

OPERATING IMPACT

Completion of this project will ensure the Main Street Well System meets the disinfection contact times for the expected Groundwater Disinfection Rule. No operating impact is expected.

FUNDING- SOURCE & TIMING

Funding for this project should come from the operating fund.

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094520

TITLE: Compliance with Groundwater Disinfection Rule

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bonds	0				0						0
Cash Fund	0	0	0		0	0	0				0
Other	0				0						0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0	0					0
Prof. Services	0	0	0		0		0				0
Construction	0				0		0				0
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094521**

TITLE: Water Treatment Plant Improvements
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas

FUND Water
STATUS: In Progress
PROJECT START DATE: 2nd Qtr(Oct-Dec) 2008
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2013

PROGRAM DESCRIPTION:

This project involves the design and construction of an expansion to the existing WTP or a new WTP facility to address expected additional water to be treated and update an aging facility. The WTP is 21 years old using 1960's treatment technology and does not provide any flexibility to address new treatment requirements from EPA. A current WTP evaluation was conducted and the report determined that immediate upgrades would be required. This will allow us to extend the useful life of the facilities as well. The new facility will likely involve addition of flexibility of treatment options for future needs of the Town. If the Water Resource Study identifies continuing to use Hirst Reservoir or an additional surface water source in that area, an upgrade or replacement to the facility will be necessary which will include filtration and potentially alternative disinfection/organic removal. The Water Resource Study will help to identify options for the continued use of the facility. Budget expenditures will be updated after completion of the Water Resource Study.

PROJECT STATUS: Design work linked to timing of the Water Resource implementation process.

OPERATING IMPACT

The operating budget increase is unknown at this time but will be substantial, as more water treatment will require additional chemicals, electricity, and manpower. It will likely double our current budgets in these categories.

FUNDING- SOURCE & TIMING

Funding for this project is through GO Bonds.

GOALS ADDRESSED

The following goals are addressed by this project: #5 of the Top Ten Priorities developed by Town Council in July, 2006 states Establish an aggressive strategy to search for water resources.

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management.

Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094521

TITLE: Water Treatment Plant Improvements

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	100,000	0	100,000		100,000						0
Bond-New loan	2,750,000				0		1,475,000	1,275,000	0		2,750,000
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	2,850,000	0	100,000	0	100,000	0	1,475,000	1,275,000	0	0	2,750,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	500,000				0		500,000				500,000
Engr. Study/Design	400,000	0	100,000		100,000		150,000	150,000			300,000
Prof. Services	150,000				0		75,000	75,000	0		150,000
Construction	1,800,000				0		750,000	1,050,000	0		1,800,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	2,850,000	0	100,000	0	100,000	0	1,475,000	1,275,000	0	0	2,750,000

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094522

TITLE: New & Replacement Equipment
DEPARTMENT: Water
PROJECT MGR: Brian Lutton

FUND: Water
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2007
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2010

PROGRAM DESCRIPTION:

These items are large purchases under capital and will be funded through short term loans.

		FY	
	Replacement of Pickup Truck	Truck is needed to replace the 1999 Ford	2008 \$ 40,000.00
	Replace Well Pump at HF 2	Due to poor water quality, pump is replaced - 5yrs	2008 \$ 8,800.00
	Replacement of Jon Boat	Boat needed to replace boat for chemical application	2008 \$ 5,950.00
	Direct Automatic Flush	Devices used to fix stagnant areas for water quality improvement	2008 \$ 8,170.00
	Honda Generator	Needed to provide mobile and temporary power	2008 \$ 5,306.00
ON HOLD in 2009	Replacement Truck	Replaces 2000 Dodge truck	2009 \$ 45,000.00
	Replace Polaris ATV	Replaces ATV used to check water line easements	2011 \$ 6,000.00
	New Truck	New vehicle to support additional staff	2011 \$ 45,000.00

PROJECT STATUS: Vehicle purchase on hold.

OPERATING IMPACT

Regular maintenance will be required for the equipment after the 1st year warranty. Replacement of the existing pickup truck is expected to result in a reduction in maintenance costs as the truck is requiring regular maintenance currently.

FUNDING- SOURCE & TIMING

Funding for this project should come from the operating fund.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

PRIORITY Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094522

TITLE: New & Replacement Equipment

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	36,481	36,481			0						0
	0				0						0
Cash Fund	96,000		45,000		45,000		51,000				51,000
	0				0						0
Other	0				0						0
TOTAL	132,481	36,481	45,000	0	45,000	0	51,000	0	0	0	51,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	0				0						0
Construction	0				0						0
Equipment	132,481	36,481	45,000		45,000		51,000				51,000
Miscellaneous	0				0						0
TOTAL	132,481	36,481	45,000	0	45,000	0	51,000	0	0	0	51,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094523**

TITLE: Intake Structure for Hirst Reservoir
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas

FUND Water
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 4th Qtr(Apr-Jun) 2012
ESTIMATED END DATE: 2nd Qtr(Oct-Dec) 2012

PROGRAM DESCRIPTION:

This project involves the design and installation of a new intake structure to replace the one that is broken. The Hirst Reservoir relies on its intake structure to obtain the best quality water from the reservoir. Sometime in the past this intake was damaged so that the withdrawal point is limited to 12 feet below full pool level. This project involves installation of a new intake structure that would allow operators to change the level of the intake in order to maximize water quality. Installation of a new structure will be a challenge if the Town wishes to keep the reservoir full and in operation during the project. To accomplish this the project will involve underwater construction or dewatering of an area around the intake structure area. Both these options are quite expensive. Planned Expenditures will need to be updated upon completion of the design work. The funding for this project can be used for a new intake at another location in the event that this reservoir is not used as a backup source.

PROJECT STATUS: Design work linked to timing of the Water Resource implementation process.

OPERATING IMPACT

Installation of a new intake structure will provide flexibility to the water operators to draw water from the reservoir at the appropriate level to maximize water quality. During the project, the drain line from the reservoir will also be maintained and made operational. Minimal staff time will be needed to maintain the structure with the main activity being annual valve exercising.

FUNDING- SOURCE & TIMING

Funding is from GO Bonds.

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094523

TITLE: Intake Structure for Hirst Reservoir

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	60,000	0	60,000		60,000						0
Bond-New loan	1,210,000				0		0	210,000	1,000,000		1,210,000
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	1,270,000	0	60,000	0	60,000	0	0	210,000	1,000,000	0	1,210,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	190,000	0	10,000		10,000		0	180,000			180,000
Prof. Services	30,000				0		0	30,000			30,000
Construction	1,050,000	0	50,000		50,000			0	1,000,000		1,000,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	1,270,000	0	60,000	0	60,000	0	0	210,000	1,000,000	0	1,210,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094524**

TITLE: Tank Painting
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas

FUND Water
STATUS: Future Plan(FY10 fwd)
PROJECT START DATE: 4th Qtr(Apr-Jun) 2011
ESTIMATED END DATE: 1st Qtr(Jul-Sep) 2012

PROGRAM DESCRIPTION:

The elevated storage tank is expected to need repainting by 2011 or 2012. The tank requires repainting every 10-15 years. The million gallon storage tank will probably need painting around 2015.

PROJECT STATUS: Funding not allocated this FY.

OPERATING IMPACT

The funding for this project will come from the user fee revenue as it is a purely operational and maintenance cost.

FUNDING- SOURCE & TIMING

Funding for this project should come from the operating fund.

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the-art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094524

TITLE: Tank Painting

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds	0				0						0
	0				0						0
Cash Fund	120,000	0	0		0		120,000				120,000
	0				0						0
Other	0				0						0
TOTAL	120,000	0	0	0	0	0	120,000	0	0	0	120,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	20,000	0	0		0		20,000				20,000
Construction	100,000	0	0		0		100,000				100,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	120,000	0	0	0	0	0	120,000	0	0	0	120,000

CAPITAL PROJECT DETAIL**PROJECT #: 599-4094525**

TITLE: Water Line replacement on 690 (part of Nursery/690 sewer project)
DEPARTMENT: Water
PROJECT MGR: Alex Vanegas
 Larry Burns

FUND: Water
STATUS: In Progress
PROJECT START DATE: 4th Qtr(Apr-Jun) 2008
ESTIMATED END DATE: 2nd Qtr(Oct-Dec) 2008

PROGRAM DESCRIPTION:

This project involves the replacement of 50+ year old water line in 690 with new, larger water line. The design for the replacement of the water line from Main Street to Nursery Ave on 690 was completed around 2002 but funding limitations kept the project from being completed in this area. The new line replacement went from Main Street to J Street on 690 south. The water line replacement will occur in conjunction with installation of a gravity sewer line on Nursery Avenue to take Davis Drive Pump Station offline thereby taking advantage of the road already being closed up in that area.

PROJECT STATUS: IFB for design work to be issued shortly. Design work to be completed in April. The construction will span over the end of FY09 into the next budget cycle.

OPERATING IMPACT

This project will improve the reliability of the system as well as the water quality of the system. It will reduce interruptions of service to users in the southern section of Town. Operational costs and time are not expected to be affected.

FUNDING- SOURCE & TIMING

Funding for this project should come from the operating fund.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."
Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 599-4094525

TITLE: Water Line replacement on 690 (part of Nursery/690 sewer project)

FUND Water

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bond-Sun Trust loan	191,000		191,000	(124,150)	66,850	124,150					124,150
Cash Fund	0				0						0
Other	0				0						0
TOTAL	191,000	0	191,000	(124,150)	66,850	124,150	0	0	0	0	124,150

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	5,000	0	5,000	(3,250)	1,750	3,250					3,250
Prof. Services	0				0						0
Construction	186,000	0	186,000	(120,900)	65,100	120,900					120,900
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	191,000	0	191,000	(124,150)	66,850	124,150	0	0	0	0	124,150

WASTEWATER FUND
PROJECT DETAIL SHEETS

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094100-0110**

TITLE: Vulnerability Assessment
DEPARTMENT: Wastewater
PROJECT MGR: Alex Vanegas
 Eileen Boeing

FUND Sewer
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2007
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2013

PROGRAM DESCRIPTION:

After the 911 terrorist attacks, the federal government required all water systems to conduct an assessment of the vulnerabilities to the Water System. This assessment identified potential vulnerabilities and recommended improvements. The Town is now working to implement recommendations made in the Assessment.

****The assessment has identified items that could be completed to reduce the vulnerabilities at the facilities. Due to the sensitive nature of this information it is not possible to go into details on what those improvements might be.****

PROJECT STATUS: Items continue to be evaluated. FY 2010 forward funding to come from cash.

OPERATING IMPACT

Additional operating budget and staff time will be needed to operate and maintain some of the recommended improvements. For some of the items, new positions will be needed and equipment will need to go on a every 3-4 year replacement program.

FUNDING- SOURCE & TIMING

In years previous to FY 2010, this was funded via GO bonds. For FY 2011 and forward this will be a funded through cash as part of operation sewer fund

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094100-0110

TITLE: Vulnerability Assessment

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	113,768	3,768	60,000		60,000	50,000					50,000
	0				0						0
Cash Fund	100,000				0		50,000	50,000			100,000
	0				0						0
Other	0				0						0
TOTAL	213,768	3,768	60,000	0	60,000	50,000	50,000	50,000	0	0	150,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	3,220	3,220			0						0
Prof. Services	20,000		10,000		10,000	10,000	0	0			10,000
Construction	190,000		50,000		50,000	40,000	50,000	50,000			140,000
Equipment	547	547			0						0
Miscellaneous	0				0						0
TOTAL	213,768	3,768	60,000	0	60,000	50,000	50,000	50,000	0	0	150,000

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094600**

TITLE: BSWF ENR and Expansion Improvements
DEPARTMENT: Wastewater
PROJECT MGR: Samer Beidas
Alex Vanegas
Scott House

FUND: Sewer
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2007
ESTIMATED END DATE: 1st Qtr(Jul-Sep) 2010

PROGRAM DESCRIPTION:

This project involves the design and construction of a 0.5 mgd expansion of treatment capability and Enhanced Nutrient Reduction for the Basham Simms Wastewater Facility. A new Regulation from the Department of Environmental Quality requires the BSWF to meet much more stringent nutrient (nitrogen and phosphorous) limits by the year 2010 to address compliance with the Cheseapeake Bay Act. Completion of the expansion by the end of 2010 provides the Town with a nutrient loading allocation based on the 1.5 MGD instead of 1 MGD. The facility is planned to be funded through a State Revolving Loan and approximately \$6,000,000 is expected from the state's Water Quality Initiative Fund as a grant.

PROJECT STATUS: Construction underway to comply with regulations to meet the 2010 deadline.

OPERATING IMPACT

This project will increase the flow capability of the plant from 1.0 mgd to 1.5 mgd. The facility will also provide better treatment capabilities and will be less susceptible to toxic hits, cold temperatures and high flows than the current design. The facility will have a substantial amount of new equipment and new processes to operate. Additional manpower will be needed as well as additional operations budget for chemicals, power and maintenance. At a flow of 1.5 MGD, the additional O & M cost is estimated to be \$1,480,000 from PER dated January 2006 which includes additional staff.

FUNDING- SOURCE & TIMING

WQIF Grant - \$5,185,503
DEQ -VRA Loan- \$24,944,377

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."
Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094600

TITLE: BSWF ENR and Expansion Improvements

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants*WQIF	4,793,732	791,741	3,900,000		2,470,240	1,531,751					1,531,751
	0				0						0
Bonds* VRA	24,403,435	5,543,782	18,015,000	(7,799,344)	11,645,416	7,214,237					7,214,237
	0				0						0
Cash Fund**	250,000			162,500	162,500	87,500					87,500
Bank of America Bond	622,259	622,259			0						0
Other	0				0						0
TOTAL	30,069,427	6,957,783	21,915,000	(7,636,844)	14,278,156	8,833,488	0	0	0	0	8,833,488

*Please note that this loan amount is not guaranteed only an estimate.

**Cash Funds will cover expenses in-eligible to the Grant or Loan

Loan Amount- \$24,944,377

WQIF Grant- \$5,185,503

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	360	360			0						0
Engr. Study/Design	3,403,000	2,461,673	915,000	(303,138)	611,862	329,465					329,465
Prof. Services	1,813,108	602,191		787,096	787,096	423,821					423,821
Construction	23,705,310	3,891,160	21,000,000	(8,120,802)	12,879,198	6,934,952					6,934,952
Equipment	0				0						0
Miscellaneous	1,147,649	2,399			0	1,145,250					1,145,250
TOTAL	30,069,427	6,957,783	21,915,000	(7,636,844)	14,278,156	8,833,488	0	0	0	0	8,833,488

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094603**

TITLE: I & I Improvements & CMOM Compliance
DEPARTMENT: Wastewater
PROJECT MGR: Alex Vanegas

FUND: Sewer
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2005
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2012

PROGRAM DESCRIPTION:

This project involves the design and implementation of recommendations from the Inflow and Infiltration (I & I) Study to reduce the flow to the BSWF during storm events. I&I introduced into the sewer system adds to the water that needs to be treated at the wastewater plant, increasing operations cost and reducing treatment effectiveness. Corrections to the pipelines and manholes to reduce this excess water entering the system helps improve the treatment at the BSWF as well as decreasing the possibility of sewer back ups. Corrections will include: plugging manholes that are inundated during rain events, lining or replacing leaking manholes and sliplining or replacing broken sewer line. A pending regulation from the federal government will require all communities to keep a CMOM, which is a program to manage the maintenance and operations of the sewer collection system. It is unclear when this regulation will be promulgated as it has been poised for implementation for some time but has not been made into law. Activity connected to the CMOM will be considered operational expense.

PROJECT STATUS: Construction complete. Design work to start for next phase. This project was integral in the removing of the consent order.

OPERATING IMPACT

Completion of the I&I recommendations will decrease the stormwater flows to the BSWF. This will improve the treatment effectiveness of the facility during these events and will reduce the emergency manpower needed to operate the facility during storms. Implementation of an aggressive CMOM program will hopefully reduce sewer blockages and backups in the system and help to identify areas where pipe deterioration is triggering a need for repairs or replacement. Currently operating costs include \$10,000 per year to keep the current CMOM program, up to date. Additional operating budget of \$100,000 is estimated to provide the additional staff member needed to oversee the full CMOM maintenance program once it is developed. \$50,000/year is estimated for Maintenance manpower to conduct the CMOM maintenance required and \$20,000/year is estimated for maintenance material costs. These costs will need to be updated as part of the final engineering work to develop the CMOM program.

FUNDING- SOURCE & TIMING

This project will be funded through the GO Bond until FY 2011 at that point the funding should be derived from cash source as an operational activity.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Mandatory Maintenance

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094603

TITLE: I & I Improvements & CMOM Compliance

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	1,364,223	554,223	460,000		460,000	350,000					350,000
Bond- B of A	287,112	287,112			0						0
Cash Fund	0				0		0	0	0		0
	0				0						0
Other	0				0						0
TOTAL	1,651,335	841,335	460,000	0	460,000	350,000	0	0	0	0	350,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	9,625	9,625			0						0
Engr. Study/Design	187,683	87,683	60,000	(5,000)	55,000	45,000					45,000
Prof. Services	21,026	11,026		5,000	5,000	5,000					5,000
Construction	1,432,861	732,861	400,000		400,000	300,000	0	0	0		300,000
Equipment	0				0						0
Miscellaneous	140	140			0						0
TOTAL	1,651,335	841,335	460,000	0	460,000	350,000	0	0	0	0	350,000

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094604**

TITLE: West End Pump Station Improvements
DEPARTMENT: Wastewater
PROJECT MGR: Alex Vanegas
Scott House

FUND: Sewer
STATUS: In Progress
PROJECT START DATE: 3rd Qtr(Jan-Mar) 2008
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2009

PROGRAM DESCRIPTION:

This project involves improvements to the West End Pump Station to replace aging equipment, provide back up power, dialing alarm system and meet the specifications of the Town's Facility Standards Manual to make the pump station reliable. The pump station is approximately 30 years old and uses a different type of pump technology than the other pump stations in town. Initial improvements completed in FY06/07 will involve replacement of the pumps, control box and wiring. Unfortunately, more land is needed to meet the Facilities Standards Manual (FSM) requirements for a building, etc. Trees, powerlines, sidewalks/trails, and storm structures may require moving the pump station in order to accomplish bringing the station up to FSM standards. Location of the pump station and land negotiations will be the next step for this project. Planned Expenditures will require updating after the next step is completed.

PROJECT STATUS: Design work near completion. Construction to be pushed back to FY 2011.

OPERATING IMPACT

Upgrading the pump station will result in improved maintenance.
This should reduce operations costs and overtime for emergency call outs.

FUNDING- SOURCE & TIMING

Funding for FY 2009 - FY 2010 will come through GO Bonds.
FY11- New Loan required

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY Improve Efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094604

TITLE: West End Pump Station Improvements

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	77,439	8,439	69,000		69,000		0				0
Bond-New loan	600,000				0		600,000				600,000
Bond- B of A	81	81			0						0
Cash Fund	0				0						0
Other	0				0						0
TOTAL	677,520	8,520	69,000	0	69,000	0	600,000	0	0	0	600,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	10,000				0		10,000				10,000
Engr. Study/Design	77,520	8,520	69,000		69,000						0
Prof. Services	10,000				0		10,000				10,000
Construction	580,000				0		580,000				580,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	677,520	8,520	69,000	0	69,000	0	600,000	0	0	0	600,000

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094605**

TITLE: Sewer Master Plan
DEPARTMENT: Wastewater
PROJECT MGR: Alex Vanegas

FUND: Sewer
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2009
ESTIMATED END DATE: 3rd Qtr(Jan-Mar) 2010

PROGRAM DESCRIPTION:

The project involves the updating of the Sewer Master Plan to show future needs for the system that is consistent with the Town's Comprehensive Plan & PUGAMP plan. This project will provide the Town with a roadmap for capacity demand for the Town's sewer treatment and collection system through build out. Much of the needed background information has been collected as part of the Capacity Maintenance & Operations Management program & data projections from the Planning Department. This project has been budgeted for several years but has been delayed in anticipation of a new Comprehensive Plan and PUGAMP plan. Town Council scheduled this project in FY09 in anticipation of revisions to the PUGAMP that are expected to commence shortly.

PROJECT STATUS: Contract awarded and project underway

OPERATING IMPACT

Completion of a new Water and Sewer Master Plan will aid in discussions with future developers to better define the water and sewer needs, lines sizes, etc.

FUNDING- SOURCE & TIMING

This project will be funded through a GO bond. Future Master Plans to be funded out of the operating fund.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."
Comp Plan Implementaion Strategy: Review and update fundamental utility infrastructure plans at least every 5 years to ensure effective long-term planning and implementation of public systems.

PRIORITY Mandatory

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094605

TITLE: Sewer Master Plan

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	60,000	2,024	57,976		57,976						0
	0				0						0
Cash Fund	0				0						0
	0				0						0
Other	0				0						0
TOTAL	60,000	2,024	57,976	0	57,976	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	60,000	2,024	57,976		57,976						0
Prof. Services	0				0						0
Construction	0				0						0
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	60,000	2,024	57,976	0	57,976	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094606**

TITLE: Generation of GIS layer for Sewer Easements
DEPARTMENT: Wastewater
PROJECT MGR: Alex Vanegas
 Andrea Broshkevitch

FUND: Sewer
STATUS: In Progress
PROJECT START DATE: 3rd Qtr(Jan-Mar) 2007
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2009
 * may need to change based on progress made in first year.

PROGRAM DESCRIPTION:

This project involves title research, surveying and generation of a GIS layer for all water line easements for the Town. This will allow staff to quickly determine the easement location and type for each property in question. Budget expenditures may need to be modified after the first year as the Town's staff will be able to better identify what elements are needed in the GIS system through a phased approach.

OPERATING IMPACT

Generation of a GIS layer for the water line easements will reduce staff time to research a particular item and will aid in defining land and easement acquisition needs for some CIP projects. Maintenance of a GIS system is a critical component to keeping it accurate and therefore useful. A full-time staff person will be required to operate and maintain the GIS system for all the maps for the Town including the easements and water and wastewater lines. Operating budget impact to the Water Fund is estimated to be equivalent to 1/3 of a staff person and maintenance of extensive computer equipment and software. (Assume \$30,000 total cost/year).

FUNDING- SOURCE & TIMING

Currently funded through GO Bonds. After FY 2010, it becomes an operational expense to maintain.

PROJECT STATUS: Partial underway. KCI completed report and implementing recommendations. Can defer out years.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

PRIORITY Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094606

TITLE: Generation of GIS layer for Sewer Easements

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	117,399	17,399	100,000		100,000						0
Bond-New loan	0				0						0
Cash Fund	100,000				0	50,000	25,000	25,000			100,000
	0				0						0
Other	0				0						0
TOTAL	217,399	17,399	100,000	0	100,000	50,000	25,000	25,000	0	0	100,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	213,994	13,994	100,000		100,000	50,000	25,000	25,000			100,000
Prof. Services	3,405	3,405			0						0
Construction	0				0						0
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	217,399	17,399	100,000	0	100,000	50,000	25,000	25,000	0	0	100,000

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094607**

TITLE: Transition to a SCADA system
DEPARTMENT: Wastewater
PROJECT MGR: Alex Vanegas

FUND Sewer
STATUS: In Progress
PROJECT START DATE: 1st Qtr(Jul-Sep) 2007
ESTIMATED END DATE: 2nd Qtr(Oct-Dec) 2009

PROGRAM DESCRIPTION:

This project involves installing a SCADA (Supervisory Control and Data Acquisition) system for all remote facilities. The SCADA system will permit the sewer plant to wirelessly communicate and operate the remote pump stations through a base computer at the main facilities. This system will improve operations by being able to potential identify problems immediately or before they occur.

PROJECT STATUS: Construction has not yet been procured.

OPERATING IMPACT

This project will allow operators to monitor remote facilities and will alert them to problems sooner. Operations costs for operators will be reduced by decreasing site visits needed. Budget will be necessary to maintain the electronic equipment that is needed and replacement of parts may be needed every 3-5 years.

FUNDING- SOURCE & TIMING

Funding is through GO Bonds. The upgrade and replacement parts to be funded through the sewer operating fund.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

PRIORITY Improve Efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094607

TITLE: Transition to a SCADA system

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bond-Sun Trust loan	85,625	5,625	60,000	20,000	80,000						0
Cash Fund	0				0						0
Other	0				0						0
TOTAL	85,625	5,625	60,000	20,000	80,000	0	0	0	0	0	0

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	5,625	5,625			0						0
Prof. Services	0				0						0
Construction	80,000		60,000	20,000	80,000						0
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	85,625	5,625	60,000	20,000	80,000	0	0	0	0	0	0

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094608**

TITLE: Nursery/690 Sewer Line Project
DEPARTMENT: Wastewater
PROJECT MGR: Alex Vanegas

FUND: Sewer
STATUS: In Progress
PROJECT START DATE: 4th Qtr(Apr-Jun) 2009
ESTIMATED END DATE: 1st Qtr(Jul-Sep) 2009

PROGRAM DESCRIPTION:

This project will involve the design and installation of a gravity sewer line from the Holly Hill and Davis Drive pump stations to Hirst Farm sewer system. As part of the Locust Grove and Hirst Farm Subdivisions, the developer is committed to installing a line from Holly Hill Pump Station to a line in Locust Grove. The Town will be paying for the effort to extend the gravity system to include Davis Drive PS. This will result in elimination of two older pump stations. These two pump stations do not meet FSM standards for pump stations and would require major upgrades if they are not eliminated.

PROJECT STATUS: IFB for design work to be issued shortly. Design work to be completed in April. The construction will span over the end of FY09 into the next budget cycle.

OPERATING IMPACT

This project will result in elimination of two older pump stations (Holly Hill and Davis Drive). These two pump stations do not meet FSM standards for pump stations and would require major upgrades if they are not eliminated. The life cycle cost analysis has been requested to demonstrate long term savings by eliminating the pump stations and thus reducing operations and maintenance costs. (approximately \$15,000/yr) Since we currently have 8 pump stations, an estimated savings would be 1/4 of the total cost of that category. There would be the additional cost savings of not having to upgrade the pump stations and conduct repairs. A life cycle cost analysis that is almost done will provide additional information.

FUNDING- SOURCE & TIMING

This project is funded through GO bonds.

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

PRIORITY Improve Efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094608

TITLE: Nursery/690 Sewer Line Project

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
Bond-Sun Trust loan	226,179	9,179	212,000	(125,000)	87,000	130,000					130,000
Cash Fund	0				0						0
Other	0				0						0
TOTAL	226,179	9,179	212,000	(125,000)	87,000	130,000	0	0	0	0	130,000

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	19,969	7,969	12,000		12,000						0
Prof. Services	11,210	1,210		5,000	5,000	5,000					5,000
Construction	195,000		200,000	(130,000)	70,000	125,000					125,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	226,179	9,179	212,000	(125,000)	87,000	130,000	0	0	0	0	130,000

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094610**

TITLE: New Equipment for Maintenance of Sewer Collection System
DEPARTMENT: Wastewater
PROJECT MGR: Samer Beidas
 Jim Kelly
 Scott House

FUND: Sewer
STATUS: New
PROJECT START DATE: 1st Qtr(Jul-Sep) 2007
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2011

PROGRAM DESCRIPTION:

			FY
	Replacement CCTU Sewer Inspection Camera & Truck	\$162,000 Current camera is not operational and is not repairable. TV camera is essential to determining the state of the sewer system and the problems that may be present.	2008
	Building Renovations for CCTU Camera	\$15,000 New CTU requires protected storage location	2008
	Pipe Patching Tool	\$10,000 Will allow town to repair pipes without excavation reducing disruption to citizens	2008
	Pick Up Truck	\$25,000 Replaces 1996 Ford	2008
On HOLD	Pick Up Truck	\$25,000 Replaces 1999 Ford	2009
On HOLD	6" Godwin Pump	\$65,000 New Equipment used for emergency situations	2009
On HOLD	Plant Utility Vehicle	\$14,000 Replaces Gator	2009
On HOLD	Vac Con Truck	\$300,000 New Equipment to supplement older Vac Truck	2011
On HOLD	Generator	\$200,000 Replace E. End Generator which will be 20 years old	2011

PROJECT STATUS: Vac Truck purchase delayed to 2011**OPERATING IMPACT**

These tools will require regular maintenance and periodic repair after the first year warranty perhaps \$5000 may be appropriate.

FUNDING- SOURCE & TIMING

Funded through the operation fund.

GOALS ADDRESSED

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the-art technology that promotes environmental protection, conservation and green development."

PRIORITY

Imrpove efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094610

TITLE: New Equipment for Maintenance of Sewer Collection System

FUND Sewer

PLANNED FINANCING

Sources	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bond-Sun Trust loan	22,444	22,444			0						0
Bond- B of A	168,923	168,923			0						0
Cash Fund	604,000		104,000		104,000	0	500,000				500,000
	0				0						0
Other	0				0						0
TOTAL	795,367	191,367	104,000	0	104,000	0	500,000	0	0	0	500,000

* Short Term Financing

PLANNED EXPENDITURES

Uses	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	0				0						0
Construction	0				0						0
Equipment	795,367	191,367	104,000		104,000	0	500,000				500,000
Miscellaneous	0				0						0
TOTAL	795,367	191,367	104,000	0	104,000	0	500,000	0	0	0	500,000

CAPITAL PROJECT DETAIL**PROJECT #: 699-4094611**

TITLE: BSWF Odor Control
DEPARTMENT: Wastewater
PROJECT MGR: Scott House
Alex Vanegas

FUND: Sewer
STATUS: New
PROJECT START DATE: 1st Qtr(Jul-Sep) 2010
ESTIMATED END DATE: 4th Qtr(Apr-Jun) 2011

PROGRAM DESCRIPTION:

This project involves the design and construction of odor control elements for the BSWF to address complaints from neighbors.

PROJECT STATUS: Funds are not appropriated this FY.

OPERATING IMPACT

This project will improve relations with neighbors who may currently experience days when they can smell odors from the plant. The odor control elements will be additional equipment to maintain and will have a regular expense in supplies.

FUNDING- SOURCE & TIMING

Funding should come from operating fund

GOALS ADDRESSED

Comp Plan Goal: "Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns."

Comp Plan Goal: "Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development."

PRIORITY

Improve efficiency

CAPITAL PROJECT DETAIL

PROJECT #: 699-4094611

TITLE: BSWF Odor Control

FUND Sewer

PLANNED FINANCING

<u>Sources</u>	Total Funding Required	Funded through 6/30/2008	Approved Budget 2009	Revision Amount (Amendment)	Revised FY09 Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Grants	0				0						0
	0				0						0
Bonds	0				0						0
	0				0						0
Cash Fund	90,000				0	15,000	75,000				90,000
	0				0						0
Other	0	0	0		0						0
TOTAL	90,000	0	0	0	0	15,000	75,000	0	0	0	90,000

PLANNED EXPENDITURES

<u>Uses</u>	Total Project Cost	Expenses through 6/30/2008	Approved Budget 2009	(Amendment)	Budget	2010	2011	2012	2013	2014	Total for 5-Yr-CIP
Land / ROW /Legal	0				0						0
Engr. Study/Design	0				0						0
Prof. Services	15,000	0	0		0	15,000					15,000
Construction	75,000				0		75,000				75,000
Equipment	0				0						0
Miscellaneous	0				0						0
TOTAL	90,000	0	0	0	0	15,000	75,000	0	0	0	90,000