

BLOOMFIELD TOWNSHIP STRATEGIC PLAN CONCLUSION
Infrastructure Objectives

Objectives	Major Strategies or Programs	Action or Implementation Plans	Time Frame	Comments
I. Strive to maintain roads and water and sewer systems at current standards.	1. Implement less expensive methods of providing the same quality of road and water & sewer services.	<p>1-a) Continue to evaluate and prioritize which specific road, water and sewer system operations could be privatized.</p> <p>1-b) Contract with private business where appropriate.</p> <p>1-c) Collaborate with other public entities; e.g., mutual aid programs and contracts</p>	<p>7/09</p> <p>Ongoing</p> <p>Ongoing</p>	<p>7/1/09 All being reviewed.</p> <p>10/1/10 Campus and safety path construction and maintenance are current focus.</p> <p>1/1/2010 Campus snow and ice plan prioritized.</p> <p>7/1/09 Application for dust control contracted. State hwy median maintenance contracted.</p> <p>4/1/10 Contracted maintenance for Safety Paths to private company for savings of \$40,000.</p> <p>4/1/11 Contract for dust control was changed to a different contractor for a savings of \$35,000.</p> <p>4/1/11 Actual savings = \$35,000.</p> <p>7/1/09 RCOC maintenance contract, MDOT state hwy median mowing contract. Oak. Co. water billing</p>

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		with other government agencies.		<p>contracted. Buy and sell water to/from Blm Hls, WB and Troy</p> <p>7/1/09 MITN site used for equipment disposal.</p> <p>4/1/10 Improvements made to water lines and safety paths with federal funds.</p> <p>10/1/10 Safety Paths on Telegraph being built by MDOT as part of its road repair project, resulting in great savings for Township. Rouge Program Office (RPO) is providing 40% of cost to rehabilitate sewers and manholes. This project will reduce inflow into the sewer that will in return decrease our cost for wastewater disposal and treatment.</p> <p>4/1/11 Water billing changed to a different private printer.</p> <p>4/1/11 Seven used vehicles sold on MTTN for total of \$50,000.</p> <p>10/1/10 MITN also now used for posting bids.</p>

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		<p>1-d) Increase efforts of joint purchasing with other agencies.</p> <p>1-e) Follow recommendations of Finance subcommittee in effort to consolidate services with other public entities.</p> <p>1-f) Change materials for dust control on roads.</p>	<p>Ongoing</p> <p>Ongoing</p>	<p>4/1/11 All projects related to energy audit and the RPO projects were bid on MITN.</p> <p>10/1/09 Discussions continue with Bloomfield Hills, Birmingham and SOCWA</p> <p>1/1/11 Recent developments have occurred that now make it possible for us to purchase water from SOCWA instead of DWSD. The Board of Trustees approved a proposal that, if also approved by SOCWA, will allow us to purchase water at a lower rate. That will enable us to fund necessary improvements to the system without raising rates.</p> <p>4/1/11 We are seeking approval to be a member (rather than a customer), which would bring about even greater savings over the long term.</p> <p>10/1/10 Done, resulting in same performance, less cost and increased environmental benefit.</p>
	2. Continue to implement Water & Sewer Capital Improvement Program.	2-a.). Contract projects with private businesses		<p>10/1/09 Pump stations and the Colberry Park water maintenance and replacement of sewer lining are current examples.</p>

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		2-b.) Plan and implement continual improvements	Ongoing	<p>10/1/10 Pump stations and Colberry Park projects completed. Maintenance, repair and energy costs will be reduced.</p> <p>1/1/12 Water study to determine improvements with SOCWA 90% complete</p> <p>Rehabilitating sewers in Hickory Heights and CSO area. Reduces maintenance and treatment cost. 90% complete.</p> <p>Developing water & sewer improvement plan for 2012. Due by March 2012.</p> <p>4/1/12 Water & sewer improvement plan completed.</p> <p>10/1/2013 Water Capital Improvement Program continues. Construction for SOCWA connection starting now. Connection should be in operation by July 2014.</p>
	3. Continue to fund road replacements through Special Assessment District (SAD) programs.	3. Increase efforts to educate public via newsletter, direct mailings, website, cable programs.	Ongoing	<p>10/1/09 Met with subdivision associations. Newsletter articles from Summer 2008 still used to educate residents.</p> <p>4/1/11 Continuing to meet with homeowner</p>

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		3-b) Implement a newly developed SAD process, customized for Blm. Twp. neighborhoods, instead of using Oakland County plan.	Ongoing	<p>associations to discuss funding of roads</p> <p>4/1/12 Outline of the SAD process and FAQs prepared for distribution to interested citizens.</p> <p>10/1/12 Produced a TV program explaining SAD process.</p>
	4. Adjust funding mechanism for water & sewer operations and maintenance	4. Increase efforts to educate public via newsletter, direct mailings, website, cable programs.		<p>7/1/09 Newsletter articles about water usage</p> <p>10/1/09 Continuing with each newsletter issue.</p> <p>1/1/10 Expanded information in Annual Drinking Water Report. Negotiated contract to adjust criteria for a more controlled water rate system.</p> <p>4/1/10 Water billing and utility usage account information added to website. Ordinance for water restrictions being developed.</p> <p>4/1/11 Became a customer of SOCWA to help control water rates.</p> <p>4/1/12 Working to become a member of SOCWA (not</p>

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		4-b) Collaborate with Oakland County to plan regional Evergreen Farmington sewage disposal system.	3/31/14	just a customer) to further help control rates. Participate in technical work groups with member communities to plan improvements to be completed by 12/31/17.

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<p>II. Strive to maintain, improve and optimize value of facilities and equipment using fewer dollars than current budget allows</p>	<p>1. Evaluate and prioritize capital assets.</p>	<p>1-a). Continue to prepare spending and revenue requirements for Capital assets and Equipment. Analyze the joint purchase/use of underutilized equipment with surrounding agencies. Review buying versus leasing or renting equipment.</p> <p>1-b) Update or develop replacement and maintenance schedules.</p> <p>1-c) Include a cost benefit analysis of keeping the equipment longer versus maintenance costs and safety concerns in the replacement schedules.</p>	<p>Budget annually</p> <p>7/1/09</p> <p>7/1/09</p>	<p>7/1/09 2009-2010 budget calls for borrowing equipment in mutual aid agreement</p> <p>10/1/09 Buying refurbished equipment where appropriate.</p> <p>7/1/09 Changed deadline to 10/09</p> <p>10/1/09 Maintenance schedule done</p> <p>4/1/11 Vehicles and equipment are being kept longer.</p> <p>7/1/09 Increasing miles between oil changes with synthetic oil increases materials costs but decreases down time and labor costs. Must be further analyzed.</p> <p>10/1/09 Done</p>
	<p>2. Continue to budget properly for facility updates and equipment replacements.</p>	<p>2-a) Continue efforts of joint purchasing with Oakland County and surrounding communities in the area – purchasing consortium. Assign an official Township representative.</p>	<p>7/1/09</p>	<p>7/1/09 Person assigned. Joint purchasing efforts ongoing.</p>

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		<p>2-b) Continue using other agency bids and the MITN process for disposing of materials and equipment.</p> <p>2-c) Explore and evaluate other purchasing options.</p>	<p>7/1/09</p> <p>7/1/09</p>	<p>Ongoing</p> <p>7/1/09 Ongoing</p> <p>10/1/09 Reviewing new options for new equipment</p> <p>10/1/10 Will be included in energy audit and efficiency grant, to be finished 11/30/10</p>
	<p>3. Strengthen campus-wide planning and purchasing practices to standardize equipment.</p>	<p>3. Continue to review and examine all existing equipment, facilities and materials for standardization and cost savings and determine all places they can be instituted.</p>		<p>7/1/09 Ongoing.</p>

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<p>III. Use Technology to increase efficiencies and enhance services in every area of operation</p>	<p>1. Specify and purchase standardized technical equipment and software across departments whenever practical.</p>	<p>1. Continue to review and examine all existing technologies for standardization and cost savings and determine where they can be instituted campus-wide.</p>	<p>Ongoing</p>	<p>7/1/09 New financial software will improve efficiencies for several depts. Implementation for Accounting targeted for July.</p> <p>10/1/09 Conversion in process. New target is April for completion.</p> <p>10/1/09 Outlook training scheduled. County training continues with examples from multiple departments.</p> <p>4/1/10 Financial software conversion on target. Training for all affected personnel being completed.</p> <p>7/1/10 Financial software being used by all affected staff members. It will give department heads a five-year history so they can better prepare next year's operating budget.</p> <p>10/1/10 Financial software implementation for first phase completed.</p> <p>1/1/12 Financial payroll software implemented.</p>

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				<p>10/1/2013 New equipment and software are being evaluated for use in the field to provide more immediate access to important information that employees need on a daily basis.</p>
	<p>2. Train all employees to maximize the use of available technical equipment.</p>	<p>2-a) Evaluate individual and Township-wide training needs.</p> <p>2-b) Increase the efforts to involve all employees in the training process.</p>	<p>Ongoing</p> <p>Ongoing</p>	<p>7/1/09 Clearzoning service implemented 6/15; Business/Film section created 6/11; Page for all legal notices created 6/9.</p> <p>10/1/10 Many employees attending Oakland County computer training classes.</p> <p>4/1/11 Deputy Finance Director training many employees in use of financial software, keeping expense for outside classes down.</p> <p>7/1/11 Personnel assigned to Emergency Operations Center (EOC) took refresher course in "E-Team," and emergency communications software program.</p> <p>10/1/2013 Training held for personnel assigned to Emergency Operations Center (EOC) in new software Web-EOC. Township is standardized on the same software utilized by the Michigan State Police for their emergency operations.</p>
	<p>3. Encourage public to use</p>	<p>3. Make more resources and information</p>	<p>Ongoing</p>	<p>10/1/09</p>

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	online information and services.	available on website.		<p>Fall Newsletter asked people to subscribe to listserv. Number of listserv subscribers continues to grow each time it is sent.</p> <p>Traffic accident reports now available online.</p> <p>1/1/2010 Added notice to BT SS newsletter asking people to subscribe to listserv email.</p> <p>4/1/10 Notices will be added to BT SS and Solid Waste Newsletters to encourage listserv subscriptions. Utility billing and usage account information added to website. Video capabilities added to website. All BCTV programs, including four with millage information.</p> <p>10/1/10 Interdepartmental competition in place to increase number of residents subscribing to listserv; number up by 300+ at this time.</p> <p>1/1/11 Interdepartmental competition resulted in more than 600 new subscribers.</p> <p>Two Facebook accounts now online; one for Police and one general Township. Number of viewers and friends increases regularly.</p>

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				<p>4/1/11 New Lake Improvement Board information and departmental annual reports now online.</p> <p>1/1/12 Minutes and packets for all public meetings now more easily accessible due to a new user-friendly search system.</p> <p>10/1/2013 Township website redesigned for cleaner, more modern look and more efficient navigation. New events and news listings features added.</p>

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<p>IV. Implement the best practices for energy conservation and use of alternative energy sources.</p>	<p>1. Decrease energy use in our facilities.</p>	<p>1-a) Conduct a facilities energy audit.</p>	<p>Ongoing</p>	<p>7/1/09 Underway with funds from federal grant, including Fire Stations #3 & #4.</p> <p>10/1/09 Funds from grant will cover energy audit for all Township buildings.</p> <p>1/1/2010 Specifications for audit are being completed for bid in January 2010.</p> <p>4/1/10 Received 16 bids for energy audit. Contract will be awarded later in April.</p> <p>7/1/10 Energy audit is underway.</p> <p>10/1/10 All field work for energy audit completed. Report is in final draft stage, will be completed by 11/30/10.</p> <p>1/1/11 Energy-related facility updates will be prioritized according to findings detailed in energy audit, accepted by the Board in December.</p> <p>7/1/09 (1-b & 1-c) New roof on Twp. Hall, Planning & Cable; new buildings all have modernized lights activated by</p>

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				<p>4/1/11 Retrofit stage of energy audit and retrofit program now in process. 165 projects were identified which could cut utility costs by as much as 50% over 2½ years if fully implemented. They will be prioritized and implemented as funds allow.</p> <p>7/1/11 Campus lighting projects underway. Heating and cooling will be next.</p> <p>Energy bill audit in process</p> <p>1/1/12 Township Hall heating system now updated. Energy grant components completed.</p>
	2. Consider alternative fueled vehicles	2. Continue to review the purchase and use of Flex Fuel/Hybrid vehicles.	Ongoing	10/1/10 Not a viable strategy at this time.
	3. Examine utilities usage and costs.	3. Continue to review the purchase of utilities, gas and electricity from third party providers.	Ongoing	<p>10/1/10 On waiting list to get into program.</p> <p>4/1/11 We now have a 3rd party provider for gas for an annual savings of \$24,000. On waiting list for 3rd party electricity provider.</p> <p>4/1/12 Saved an additional \$40,000 by buying gas from a 3rd party provider.</p>