



Public Meeting Room A
Delta Administration Building
7710 West Saginaw Highway
Lansing, Michigan 48917

TOWNSHIP BOARD
REGULAR MEETING
AGENDA
SEPTEMBER 21, 2009
7:00 P.M.

- I. **CALL TO ORDER**
- II. **OPENING CEREMONIES – Pledge of Allegiance**
- III. **ROLL CALL – Members:** Supervisor Ken Fletcher, Treasurer Howard Pizzo, Clerk Janice Vedder, Trustees Jan Cunningham, Jeff Hicks, Barbara Poma, Cara Spagnuolo
- IV. **PRESENTATIONS AND PROCLAMATIONS**
 1. **Joseph Sessions Retirement**
Part-time Firefighter and 19 year employee
 2. **Gary Beem Retirement**
Part-time Firefighter and 19 year employee
- V. **SET/ADJUST AGENDA**
- VI. **PUBLIC HEARINGS**
- VII. **COMMUNICATIONS**
- VIII. **PUBLIC COMMENTS FOR ITEMS NOT ON AGENDA** (*maximum two minutes*)
- IX. **INTRODUCTION OF ORDINANCES**
- X. **PASSAGE OF ORDINANCES**
 3. **Amendment to Section 11-88, Article IV of Chapter 11 (Noise Ordinance)**
The Planning Department recommends the Township Board adopt an amendment to Section 11-88 of

Article IV (Noise Control) of Chapter 11 (Nuisances) of the Code of Ordinances.

XI. CONSENT AGENDA – Anyone may request item/s to be pulled from the consent agenda for discussion. If left on the consent agenda, the items will be voted on by a roll call vote of the Board en masse. Then, the individual item/s will be discussed and voted upon.

4. Minutes
September 8, 2009 Regular Meeting

5. Bills and Financial Transactions
\$4,913,874.87

XII. ITEMS REMOVED FROM CONSENT AGENDA FOR DISCUSSION

XIII. ITEMS ADDED TO AGENDA UNDER SECTION V. SET/ADJUST AGENDA

6.
7.

XIV. ITEMS OF BUSINESS

8. LIAA Sustainable Communities Grant
The Planning Department recommends the Township Board pass the Resolution of Support for the Tri-County Regional Urban/Rural Service District/Boundary Committee Grant.

9. Special Meeting to Discuss the Proposed 2010 Budget
The Clerk's Office recommends the Township Board set a Special Meeting for the purpose of discussing the proposed 2010 Budget for the Charter Township of Delta for Monday, September 28, 2009.

10. Proposed Increase of Cemetery Rates
The Parks, Recreation, and Cemeteries Department recommends the Township Board approve the proposed increase of cemetery rates.

11. Acknowledgement of the 2010-2015 Capital Improvements Program
The Planning Commission recommends the Township Board acknowledge receipt of the 2010-2015 Capital Improvements Program as prepared and adopted by the Delta Township Planning Commission.

12. Resolution Requesting Traffic Study, Broadbent/M-43
The Planning Department recommends the Township Board adopt a resolution requesting the Michigan Department of Transportation initiate a traffic study for the Broadbent/M-43 intersection.

13. Set Public Hearing for Brownfield Plan #2
The Economic Development Corporation of Delta Township recommends the Township Board set a public hearing for Monday, October 5, 2009, to consider approval of the Brownfield Plan #2.

14. Proposed 2010 Holiday Schedule
The Administrative/Personnel Committee recommends the Township Board approve the proposed 2010 holiday schedule.

XV. ITEMS FOR DISCUSSION ONLY

15. Proposed Increase of Health Insurance Waiver

The Administrative/Personnel Committee recommends the Township Board consider for approval the proposed increase of the health insurance waiver.

16. Proposed Meter Reading Contract with Lansing Board of Water & Light

The Utility and Environmental Committee recommends the Township Board consider approving the proposed meter reading contract between Delta Township and the Lansing Board of Water and Light

XVI. BOARD MEMBER, MANAGER, AND DEPARTMENT REPORTS AND COMMITTEE MINUTES

17. Draft – Utility and Environmental Committee Minutes – September 10, 2009

XVII. PUBLIC COMMENTS (*maximum five minutes*)

XVIII. ADJOURNMENT

CHARTER TOWNSHIP OF DELTA

JANICE VEDDER, TOWNSHIP CLERK

Phone (517) 323-8500

Individuals with disabilities requiring auxiliary aids or services who are planning to attend Township meetings or hearings should contact the Clerk's Office by writing or calling in advance (323-8500) to inform them of the date of the meeting/hearing that will be attended. Copies of minutes may be purchased or viewed in the Clerk's Office from 8 a.m. to 5 p.m., Monday through Friday.



The

Delta Township Board

Recognizes

Joe Sessions

Whereas, Joe Sessions, has faithfully served the Charter Township of Delta for more than nineteen years in the Fire Department, and

Whereas, Joe Sessions served as a part-time Captain, and

Whereas, Joe Sessions has a rich history of sharing with others as demonstrated by his devotion to his family and co-workers,

Now, Therefore be it resolved that the Township Board of Delta Township is indeed grateful to Joe Sessions and wishes to recognize his outstanding service to the residents of Delta Township through his position within our local government.



The

Delta Township Board

Recognizes

Gary Beem

Whereas, Gary Beem, has faithfully served the Charter Township of Delta for more than nineteen years in the Fire Department, and

Whereas, Gary Beem served as a part-time Firefighter, and

Whereas, Gary Beem has a rich history of sharing with others as demonstrated by his devotion to his family and co-workers,

Now, Therefore be it resolved that the Township Board of Delta Township is indeed grateful to Gary Beem and wishes to recognize his outstanding service to the residents of Delta Township through his position within our local government.

September 17, 2009

To: Township Board
Delta Township

From: Mark Graham
Planning Department

Subject: Proposed Noise Ordinance Amendments

On September 8, 2009 the Township Board discussed proposed amendments to the Noise Ordinance which would permit a 90 decibel limit for mechanical equipment. This action followed receipt of a recommendation from the Township's Utility Committee. A "Notice of Introduction" of the proposed amendments was also provided in local newspapers. This item is being placed on the September 21, 2009 Board agenda for final action.

The actual text of the amendments is as follows:

Delta Township Code of Ordinances
Article IV. Noise Control.
Sec. 11-88. Exceptions.

- (19) Noise caused by stationary air conditioners, generators, and pool pumps and similar equipment provided it does not exceed 90 dBA as measured at the property line.

Proposed Motion

"I move that the Township Board of the Charter Township of Delta amend paragraph 19 of Section 11-88 of Article IV (Noise Control) of Chapter Eleven (Nuisances) of the Delta Township Code of Ordinances to provide an exception for generators, air conditioners, pool pumps and similar equipment such that noise from these sources does not exceed 90 decibels. Further the Township Clerk is hereby directed to publish a notice of adoption of the amendment in local newspapers, and the amendments shall become effective upon publication."

c:\rpt\amend\Noise Ord Generators Final Action

September 21, 2009

Community Newspapers
11963 West Andre Avenue
Grand Ledge, MI 48837

Please publish as follows:

Delta Waverly Community News – September 27, 2009
Grand Ledge Independent – September 27, 2009

DELTA CHARTER TOWNSHIP

7710 W. Saginaw Highway
Lansing, MI 48917
(517) 323-8520

**ADOPTION OF CODE OF ORDINANCES AMENDMENT
NOISE ORDINANCE**

Section 11-88 of Article IV (Noise Control) of Chapter Eleven (Nuisances)

The Delta Township Board introduced the following zoning ordinance at its regular meeting held on September 8, 2009.

The Delta Township Board adopted the following zoning ordinance at its regular meeting scheduled for 7:00 p.m. on September 21, 2009.

THE CHARTER TOWNSHIP OF DELTA ORDAINS TO AMEND THE CODE OF ORDINANCES OF DELTA TOWNSHIP AS FOLLOWS:

1. The Township Board hereby proposes to amend the Code of Ordinances to provide an exception for generators, air conditioners, pool pumps and similar equipment such that it can operate at up to 90 decibels.

SEVERABILITY. If any clause, sentence, paragraph, or part of this Ordinance shall for any reason be finally adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder of this Ordinance but shall be confined in its operation to the clause, sentence, paragraph or part thereof directly involved in the controversy in which such judgment is rendered.

REPEAL. All ordinances or parts of ordinances of the Charter Township of Delta inconsistent herein are hereby repealed so far as they may be inconsistent with the provisions of this Ordinance.

EFFECTIVE DATE. This Ordinance shall take effect upon final publication as required by law.

CHARTER TOWNSHIP OF DELTA
JANICE VEDDER, TOWNSHIP CLERK

**UTILITY AND ENVIRONMENTAL COMMITTEE
MINUTES**

**September 10, 2009 Meeting
Conference Room "B"
Administration Building**

MEMBERS PRESENT: Cara Spagnuolo, Jeff Hicks, and Barb Poma

MEMBERS ABSENT: None

OTHERS PRESENT: Thomas Morrissey, Utility Director
Dennis Williams, Township Engineer
Richard Watkins, Township Manager
Beverly Granger, Citizen
Gary Arnold, C2AE
Don Cooley, Oneida Twp Supervisor
Dave Carpenter, Oneida Twp Clerk
Rich Palermo, Oneida Twp Treasurer

CALLED TO ORDER: Ms. Spagnuolo called the meeting to order at 6:00 p.m.

Public Comment

None

Set/Adjust Agenda

Ms. Poma moved to accept the agenda as presented. Mr. Hicks supported the motion.
Motion passed 3-0.

Minutes

Ms. Poma moved to approve the minutes of the July 16, 2009, Utility Committee Meeting. Mr. Hicks seconded the motion. Motion passed 3-0.

Beverly Granger Private Well Request

Ms. Granger has requested to keep her existing well to water her livestock if she connects to the Township Water system. She said that she has spoken to Township Clerk Vedder and the Township Engineering staff on this matter.

Mr. Watkins told her of the possibly of a cross connection and contamination of the aquifer as to why we require capping of wells.

Ms. Poma recommended not allowing the well to be continued for use to the barn if Ms. Granger connects to the Township water system. Ms. Spagnuolo agreed with Ms. Poma. Mr. Hicks stated that this request is no different from other requests and it would be setting a precedent for future requests. Mr. Hicks also reminded Ms. Granger that connecting to the Township water system is voluntary and she could continue to keep the well.

Ms. Spagnuolo made the following motion:

“I move the Utility and Environmental Committee deny the request made by Ms. Beverly Granger for an exception to Section 18-29. Mandatory Well Plugging, Chapter 18, of the Code of Ordinances for Delta Township.”

Ms. Poma supported the motion. Motion passed 3-0.

Report on 2201 N. Canal

Mr. Watkins informed the members that after the last meeting, it was discussed to allow the Fire Department to do training with the house and then do a “Full Burn” when training was completed. Mr. Watkins also stated before the full burn would take place, the shingles, siding and copper pipe and wiring would be removed and recycled.

Ms. Poma asked if the windows could be donated to other charities. Mr. Morrissey stated that after the fire training sessions, they probably won’t be usable. Mr. Hicks asked if any action was required from the committee and Mr. Watkins stated none required as this was to inform the committee what was happening to the house. Mr. Morrissey will be contacting the Township Fire Chief to schedule the training exercises.

Biewer Lumber

Mr. Williams informed the Committee that Biewer Lumber has requested permission to install a private well for their wood treatment process. The reason given was that the Township water was not compatible with their current process. Mr. Williams stated Biewer Lumber had contacted Lansing Board of Water and Light (Bill Maier) to determine water chemistry.

Mr. Williams has asked Biewer Lumber for more information on the actual problems. As of this date, he has not heard from Biewer Lumber. Mr. Williams also stated he checked with the Accounting Department to see if they only had 1 water meter for the facility, and he was informed there were 4 meters at the location and 2 were for the treatment process that are for “Water Only” billing because their process is a “closed loop” system and none of the water enters the sanitary system.

Mr. Watkins stated he has concerns of chemicals getting into the aquifer.

Mr. Hicks asked if any action is required and Mr. Williams stated that since Biewer Lumber has not sent any requested follow up information, no action is required.

Meter Reading Contract

Mr. Watkins presented the Board of Water and Light meter reading contract to the committee for discussion. Mr. Watkins stated this was up for renewal and the cost “per read” was increasing because BWL wants Delta at the same rate as Lansing Township. The rate structure is such that after 5 years, Delta would in fact be at the same rate.

Mr. Watkins also stated that we are looking at installing a “Radio Read” system and have allocated \$200,000 in the 2010 budget to implement the project.

Mr. Morrissey stated that the “End Units” that are installed on the residents were capable of reading 2 sources, one being the water meter and the second could be used to read BWL electric meters and bill BWL for reading their meters and billing BWL.

Mr. Hicks offered the following:

“I move the Utility and Environmental Committee forward the final draft agreement between Delta Township and the Lansing Board of Water and Light Meter Reading Contract to the Township Board for approval”.

Ms. Poma supported the motion. Motion passed 3-0.

Saginaw Highway Sewer Failures

Mr. Williams reviewed for the committee the areas that had or has failing septic system along Saginaw Highway. He also mentioned that Barry/Eaton County Health Department is involved in this matter. The area affected is the West end of Saginaw Hwy in Delta Township and the East end of Saginaw Hwy in Oneida Township.

Mr. Gary Arnold (C2AE) presented maps of the area affected by the failures. He also presented information on another area along Willow Hwy in Oneida Township that is having septic system failures also. At this time, Oneida Township would like to address just the Saginaw Hwy problems.

Mr. Williams has had an informational meeting with several property owners in August 2009 and the concern was how much the assessment will cost. At this time, that has not been determined.

Mr. Arnold said to serve the Oneida Township area, a lift station would be installed somewhere in the location of Sundance Chevrolet and would belong to Oneida Township.

Mr. Cooley, Oneida Township Supervisor, said they would be interested in some type of a contract with Delta to maintain the station such as they do now with Grand Ledge.

Mr. Arnold and Mr. Cooley also suggested that the lift station force main could be extended all the way to the existing sewer in Delta as an option.

Mr. Watkins and Ms. Poma have asked that more information be presented at the next Committee meeting.

Other Business

a. Lootens Park/Hunter Property

Mr. Watkins informed the committee he is meeting with Mr. Hunter to discuss the possibility of purchasing land to do a parks land swap with Lootens Park. This is required if the Township chooses to use some or all of Lootens park for a future treatment plant. Mr. Richard Benkert (Parks Director) is working in the project and Mr. Watkins will be reporting back on the progress.

Mr. Morrissey mentioned that expanding the current plant is in the area of \$35 million dollars and building a satellite plant would be approximately \$15 to \$17 million dollars. It would also put it in the western area of the Township where future growth would be.

b. Bio Towers

Mr. Morrissey presented the committee with an email from C2AE with cost estimates and option to repair the 2 bio towers at the treatment plant. Of the 4 options, the long term option (Item #3) was discussed. This option includes "Wrapping" the towers in concrete and an approximate cost of \$175,000 for each tower. Once the report is received from C2AE, it will be presented to the committee for review and comments. Mr. Morrissey also stated the monies for one tower repair is included in the 2010 budget and the second tower in the 2011 budget.

c. Local Limits

Mr. Morrissey informed the committee that at the next meeting, he will be presenting the remaining 2 local limits resolutions that need to be changed. He explained to the committee that in June, 2009 he presented the committee with the "Surcharge" local limits as this would have placed a financial burden on the treatment plant as related to General Motors discharge of high phosphates. The remaining 2 local limits are required by M-DEQ permit. All the associated information will be presented at the next committee meeting.

**The next Utility and Environmental committee is
scheduled for October 20th, 2009**

DELTA CHARTER TOWNSHIP
FINANCE COMMITTEE REPORT
FOR BOARD OF TRUSTEES MEETING
9/21/2009

Disbursement requests listed on the following pages, totaling \$ 4,913,874.87 have been received and reviewed by the Finance Committee. The Finance Committee recommends that all listed vouchers be approved for payment.

Bond/Debt Payments	\$	
Investments		250,000.00
Payroll & Related		314,304.24
Refunds		93,844.02
Tax Distributions		3,649,699.22
Vendor Claims		606,027.39
Total	\$	4,913,874.87

Ken Fletcher, Township Supervisor

Janice Vedder, Township Clerk

Howard Pizzo, Township Treasurer

CHECK REGISTER FOR DELTA CHARTER TWP
 ACCOUNTS PAYABLE VOUCHERS FOR BOARD MEETING AGENDA 9/21/09

Check Date	Name	Description	Amount
9/9/2009	JILL BLACK	CONTRACTUAL - AQUATIC REISSUED*	120.00
9/9/2009	LORI BOLAN	CONTRACTUAL - AQUATIC	70.00
9/9/2009	COMCAST	CABLE INTERNET	70.29
9/9/2009	CORECOMM INTERNET	INTERNET DOMAIN	12.00
9/9/2009	DEBRA DUFFY	CONTRACTUAL - AQUATIC	75.00
9/9/2009	EMPLOYEE BENEFIT CONCEPTS INC.	MONTHLY ADM FEE SEPT	315.00
9/9/2009	MARALYN HYDE	CONTRACTUAL - AQUATIC	524.00
9/9/2009	LANSING BOARD OF WATER & LIGHT	STREET LIGHTS	36,019.37
9/9/2009	LANSING BOARD OF WATER & LIGHT	ELECTRICITY	148.55
9/9/2009	LANSING ICE & FUEL	GAS & DIESEL	4,401.20
9/9/2009	AL LEBLANC	CONTRACTUAL - AQUATIC	45.00
9/9/2009	CAROLYN MCARTHUR	CONTRACTUAL - AQUATIC	90.00
9/9/2009	DROUIN, RAYMOND & LORI	REFUND W/S 7840 E WILLOW	29.08
9/9/2009	WARREN, HELENA	REFUND FINAL W/S 1032 LONDON	3.14
9/9/2009	VALLER, ERIC	REFUND W/S 2016 PINEY POINT	35.37
9/9/2009	DANFORD INVESTMENT INC	REFUND W/S 4135 W MI #25	92.71
9/9/2009	PIETERS, NANCY	REFUND FINAL W/S 1324 BROOKSIDE	29.19
9/9/2009	MONICA MARTINEZ	REFUND - CLASS	50.00
9/9/2009	JOSEPH LEE YANG	REFUND DAMAGE DEPOSIT	250.00
9/9/2009	FONDA TURNER-CAVIN	REFUND DAMAGE DEPOSIT	250.00
9/9/2009	MELISSA GONGALSKI	REFUND - CLASS	45.00
9/9/2009	DOTY MECHANICAL, INC.	REFUND OVERPMT ON PERMIT	15.00
9/9/2009	RYAN ELECTRIC COMPANY	REFUND OVERPMT ON PERMIT	41.00
9/9/2009	GREATER LANSING ADVENTIST SCHOOL	REFUND SIGN PERMIT DEPOSIT	150.00
9/9/2009	JUDITH STURLEY	CONTRACTUAL - AQUATIC	60.00
9/9/2009	GREGORY SMITH	REFUND OVERPMT ON TWO S-TAX PARCELS	4.00
9/9/2009	VICKIE GRANT	REFUND OVERPMT ON S/A PAY OFF	102.56
9/9/2009	BAC TAX SERVICE	REFUND OVERPMT ON TAXES BATCH 59	2,665.42

9/9/2009	FIRST AMERICAN REAL ESTATE TAX	REFUND OVERPMT ON TAXES BATCH 60	31,849.12
9/9/2009	TDS METROCOM	TELEPHONE	944.00
9/9/2009	VERIZON	TELEPHONE	1,122.45
9/9/2009	VERIZON	TELEPHONE	181.41
9/16/2009	HAROLD ELKINS	REFUND AMBULANCE FEES	100.00
9/16/2009	BLUE CROSS BLUE SHIELD OF	HEALTH INSURANCE	126,835.15
9/16/2009	COMCAST	HIGH SPEED INTERNET	59.95
9/16/2009	CONSUMERS ENERGY	HEAT/GAS	72.10
9/16/2009	CONSUMERS ENERGY	STREET LIGHTING	2,780.84
9/16/2009	CONSUMERS ENERGY	ELECTRIC/GAS FOR WWTP ACCOUNTS	1,103.93
9/16/2009	CONSUMERS ENERGY	HEAT/GAS FOR P&R ACCTS	665.98
9/16/2009	CONSUMERS ENERGY	HEAT/ELECTRIC FOR VARIOUS ACCTS	346.75
9/16/2009	DELTA CHARTER TWP - PETTY CASH	PETTY CASH	89.12
9/16/2009	DELTA DENTAL PLAN OF MICHIGAN	DENTAL INSURANCE	11,707.26
9/16/2009	EATON COUNTY TREASURER	TAX DISTRIBUTION	1,456,866.05
9/16/2009	EATON COUNTY REGISTER OF DEEDS	ADDITIONAL FOR RECORDING	23.00
9/16/2009	EATON INTERMEDIATE SCHOOLS	TAX DISTRIBUTION	147,143.69
9/16/2009	GRAND LEDGE PUBLIC SCHOOLS	TAX DISTRIBUTION	817,376.24
9/16/2009	HOLT PUBLIC SCHOOLS	TAX DISTRIBUTION	5,524.42
9/16/2009	INGHAM INTERMEDIATE SCHOOLS	TAX DISTRIBUTION	331,586.03
9/16/2009	LANSING BOARD OF WATER & LIGHT	ELECTRICITY - SHERIFF SUBSTATION	859.69
9/16/2009	LANSING BOARD OF WATER & LIGHT	ELECTRICITY	17.29
9/16/2009	LANSING ICE & FUEL	GAS & DIESEL	1,561.03
9/16/2009	LANSING PUBLIC SCHOOLS	TAX DISTRIBUTION	4,438.74
9/16/2009	LANSING COMMUNITY COLLEGE	TAX DISTRIBUTION	498,648.56
9/16/2009	LOWES BUSINESS ACCOUNT	SUPPLIES FOR DEPT ACCOUNTS	1,688.56
9/16/2009	BUDA, NICHOLE	REFUND FINAL W/S 7291 CONEFLOWER	38.50
9/16/2009	KARES, DAN	REFUND W/S 1749 BUSHWOOD	25.67
9/16/2009	HUNT, CHAD P	REFUND FINAL W/S 7516 GLEN TERRA	14.64
9/16/2009	1ST CHOICE REAL ESTATE, PLLC	REFUND W/S 421 N DIBBLE	34.91
9/16/2009	TEMBRAS, DAN	REFUND FINAL W/S 303 IRIS	30.15
9/16/2009	SLAGHT SR, RICK	REFUND W/S 4616 FIELDCREST	18.31
9/16/2009	EWING, JAMES	REFUND W/S 6907 SOAPSTONE	11.88
9/16/2009	MOWEN, RUSSELL	REFUND W/S 7014 W ST JOE	19.27

9/16/2009	EASTBROOK HOMES	REFUND W/S 10702 CORKERY	7.21
9/16/2009	NAPA AUTO PARTS	TOOLS	51.66
9/16/2009	FRED STOKES	REFUND UMPIRE FEES	110.00
9/16/2009	CYNTHIA KING	REFUND DAMAGE DEPOSIT	250.00
9/16/2009	NGOAN TRUONG	REFUND DAMAGE DEPOSIT	250.00
9/16/2009	LUANN THEIS	REFUND CLASS	30.00
9/16/2009	TRANSNATION TITLE	REFUND DRAIN PORTION OF TAX PMT	266.05
9/16/2009	FIRST AMERICAN REAL ESTATE TAX SERV	REFUND DUPLICATE PMT ON S-09-TAX (BOWER)	3,096.74
9/16/2009	GARY SIWEK	REFUND OVERPMT ON TAXES 068-001-570-00	585.71
9/16/2009	MICHIGAN ASSOC FOR JUSTICE	REFUND OVERPMT ON S-TAXES	3.00
9/16/2009	MACY'S RETAIL HOLDINGS, INC.	REFUND PPTAX 040-090-100-815-00	46,206.19
9/16/2009	MULDER CO	REFUND DUPLICATE PMT S-TAXES	5,302.66
9/16/2009	MICHAEL OR CELESTE BISHOP	REFUND DUPLICATE PMT ON S-TAXES	1,831.54
9/16/2009	UNUM LIFE INSURANCE COMPANY OF AMER	LIFE INSURANCE COVERAGE	6,195.23
9/16/2009	WAVERLY COMMUNITY SCHOOLS	TAX DISTRIBUTION	388,115.49
9/23/2009	AC&E RENTALS	AIRLESS PAINT SPRAYER	50.00
9/23/2009	ACCIDENT FUND INSURANCE	INSTALLMENT	37,193.00
9/23/2009	AIRGAS GREAT LAKES	PROPANE	26.50
9/23/2009	AIR POWER OF NEBRASKA, INC.	OIL FILTER	36.06
9/23/2009	ALERT EMERGENCY EQUIPMENT	NST MT PLATE	143.27
9/23/2009	ALLEGRA PRINT & IMAGING	POST IT NOTES GRAND LEDGE DOOR HANGERS	241.31
9/23/2009	AMBS MESSAGE CENTER	ANSWERING SERVICE	101.70
9/23/2009	AMERICAN RENTALS, INC.	PORTABLE TOILET	80.00
9/23/2009	APPLIED INDUSTRIAL TECH.	V BELT	8.17
9/23/2009	AUTO ZONE	DURALAST BRAKE	219.08
9/23/2009	B&B STUMP REMOVAL, INC.	STUMP REMOVAL AT PARKS	575.00
9/23/2009	B&D ELECTRIC, INC.	PHOTO CELL	2,116.00
9/23/2009	BDI	RUBBER	160.24
9/23/2009	BOUND TREE MEDICAL LLC	MEDICAL SUPPLIES	480.93
9/23/2009	CAPITOL TOOL GRINDING CO.	BRUSH HOG BLADES, MOWER SPINDLES	260.00
9/23/2009	CDW GOVERNMENT INC.	HP EXPRESSCARD SMART CARD READER	347.55
9/23/2009	CINTAS CORPORATION #725	MATS	40.00
9/23/2009	CLASSIC COFFEE CO.	COFFEE & SUPPLIES	120.50
9/23/2009	COMPLETE MUSIC	COMPLETE MUSIC PKG 5 HR 11/21/09	449.00

9/23/2009	CONSUMERS CONCRETE CORP.	PARKING BUMPER	1,132.50
9/23/2009	CP SIGNS, INC.	RECYCLING SIGNS	936.00
9/23/2009	DARLING INTERNATIONAL INC	ANNUAL GREASE RMVL SRVC CHG	250.00
9/23/2009	DAVID CHAPMAN AGENCY, INC.	INSURANCE COVERAGE	40,760.80
9/23/2009	DBI BUSINESS INTERIORS	SUPPLIES	1,651.69
9/23/2009	DEWITT FENCE COMPANY	GROUND SUPPLIES	468.32
9/23/2009	DUBOIS-COOPER ASSO.	SLEEVE, SHAFT, IMPELLER LOCKNUT KIT,	628.00
9/23/2009	EATON COUNTY TREASURER	SHERIFF CONTRACTUAL	229,325.50
9/23/2009	EATON COUNTY CONTROLLER	CONTRACTUAL - SECURITY	556.49
9/23/2009	EATON COUNTY REGISTER OF DEEDS	RECORDING COSTS	20.00
9/23/2009	EP IMAGES	BUSINESS CARDS IMPRINTS	45.70
9/23/2009	EXOTIC AUTOMATION & SUPPLY	PARKER REGULATOR 1"	269.78
9/23/2009	FARM PLAN	LEVER	3.45
9/23/2009	FASTENAL	BLDG MAINT SUPPLIES	120.39
9/23/2009	FIBERTEC ENVIRONMENTAL SERVICE	EPA METHOD VOLATILE ORGANICS	300.00
9/23/2009	FIRE RESCUE OUTFITTERS, INC.	CRIB, STEPCHOCK, WEDGE	946.78
9/23/2009	GANNETT MICHIGAN NEWSPAPERS	ADVERTISING	267.84
9/23/2009	GOVERNOR BUSINESS SOLUTIONS	TNR SAMSUNG FOR ML-2010	165.49
9/23/2009	GRAINGER	FLAG, US	267.80
9/23/2009	GREAT LAKES EXPRESS SERVICE, INC.	MAIL SERVICE	294.00
9/23/2009	J&B MEDICAL SUPPLY, INC	MEDICAL SUPPLIES	771.56
9/23/2009	JACK DOHENY SUPPLIES, INC.	WIND ROLLER	205.36
9/23/2009	JB EQUIPMENT	TIP, SPRAYMISER GUN	152.00
9/23/2009	DAVID JENKINS	REIMBURSEMENT FOR CDL LICENSE RENEWAL	30.00
9/23/2009	JERRY HALLS SEPTIC SERVICE LLC	PORTABLE RESTROOM RENTAL	85.00
9/23/2009	K&H CONCRETE CUTTING OF	ASPHALT SLAB SAWING	348.60
9/23/2009	K & K TRUCKING	SCREENED TOPSOIL	26.00
9/23/2009	KENDALL ELECTRIC, INC.	RIGID PIPE	236.48
9/23/2009	PETER LAPPAN	AARP SAFE DRIVING COURSE	154.00
9/23/2009	LEISURE PURSUIT, INC.	REIMBURSEMENT FOR PARK TICKETS SOLD	1,240.25
9/23/2009	LOOMIS	CONTRACTUAL - ARMORED SERVICE	249.70
9/23/2009	MASA	2009 FALL TEAMS	900.00
9/23/2009	MAURER'S	UNIFORMS	1,439.20
9/23/2009	MGR TECHNOLOGIES	ANNUAL A-VOTE HOSTING FEE	50.00

9/23/2009	MENARDS		SUPER IRON OUT	15.48
9/23/2009	MICHIGAN COMPANY, INC.		NON-ACID DSF CLNSR	952.19
9/23/2009	MID-STATES BOLT & SCREW CO.		STRIPPER BOLT	5.33
9/23/2009	MIDWEST GOLF & TURF		BLADES	275.33
9/23/2009	MILLBROOK PRINTING CO.		PRINTING	9,680.69
9/23/2009	MILO DESIGNS		BALANCE OF PRINTING ORDER PER QUOTE	770.50
9/23/2009	MICHIGAN OFFICE SOLUTIONS		MONTHLY MAINTENANCE	61.00
9/23/2009	MOORE MEDICAL CORP.		VIONEX NO RINSE GEL, CATALOG	112.62
9/23/2009	MPC CASH-WAY LUMBER CO. INC.		DRIVE BIT, GALV NUT	222.33
9/23/2009	MURPHY, BRENTON & SPAGNUOLO PC		LEGAL FEES	2,284.00
9/23/2009	MWEA		REGISTRATION GREEN MAINT PRACTICES	200.00
9/23/2009	NCL OF WISCONSIN		DESICCANT, BUFFER SOL, NITRIFICATION	125.26
9/23/2009	NORTH GRAND RIVER COOPERATIVE		LINENS	196.92
9/23/2009	ON THE SPOT ENGRAVING		ENGRAVING	583.20
9/23/2009	PRINT MAKERS SERVICE, INC.		OFFICE SUPPLIES	169.19
9/23/2009	PRO BUILD		PLASTIC CAP NAILS, SOCKET DRIVE	1,807.15
9/23/2009	PRO COMM, INC.		RADIO MAINTENANCE	770.00
9/23/2009	PURITY CYLINDER GASES, INC		OXYGEN	281.15
9/23/2009	PVS TECHNOLOGIES, INC.		FERRIC CHLORIDE SOLUTION	7,081.07
9/23/2009	QUALITY DAIRY CO.		APPLE CIDER FIRE DEPT OPEN HOUSE	83.65
9/23/2009	QUALITY TIRE, INC.		REPLACE LEFT REAR TIRE TRAILER	744.30
9/23/2009	ROBERTS WALLPAPER & PAINT CO.,		CHIP BRUSH, LIGHT STONE, METAL & WOOD BL	885.41
9/23/2009	ROSE PEST SOLUTIONS		PEST CONTROL	36.00
9/23/2009	RUMSEY & SONS CONSTRUCTION, INC.		2009 SIDEWALKS	10,641.06
9/23/2009	SALES & MARKETING OF MICHIGAN, LLC		GATED, WATER CURTAIN	1,061.96
9/23/2009	SAWDON FENCE		MATERIALS TO BUILD FENCE W/ GATE	2,077.45
9/23/2009	SCHAFFER'S, INC.		CEDAR MULCH, PEA STONE	126.90
9/23/2009	SEED SOLUTIONS		MICHIGAN GREEN SEED	119.86
9/23/2009	STAMP-RITE, INC.		ENGRAVED SIGNS SHARP PARK	264.00
9/23/2009	STATE OF MICHIGAN		MEMBERSHIP RENEWAL	100.00
9/23/2009	TERMINIX PROCESSING CENTER		PEST CONTROL	605.28
9/23/2009	TIGER DIRECT, INC.		HP SMART CARD	272.95
9/23/2009	TOMCO ASPHALT, INC.		FINE GRADED & SHAPED	4,125.00
9/23/2009	TRI-COUNTY REGIONAL PLANNING		FAIR SHARE PLEDGE GROUNDWATER	9,860.00

9/23/2009	TRI-COUNTY OFFICE ON AGING	NAPKINS, FORKS	19.78
9/23/2009	UPS	POSTAGE	10.00
9/23/2009	UNIVERSITY OF ILLINOIS	GRANT FUNDS	16.99
9/23/2009	WALLACE OPTICIANS	AUGUST SAFETY	87.49
9/23/2009	WINGFOOT COMMERCIAL TIRE	MUFFLER & PARTS	1,278.39
9/23/2009	NANCY WOODRUFF	FIRE DEPT OPEN HOUSE	125.00
9/23/2009	CORPORATE LEGAL COUNSEL, PLC	LEGAL FEES	13,839.50
			<u>4,340,720.42</u>
		PAYABLES	
		PAYROLL	314,304.24
		CREDIT CARDS	8,850.21
		CAPITAL NATIONAL CD	250,000.00
			GRAND TOTAL: \$ 4,913,874.87



To: Township Board
Delta Township

From: Mark Graham
Planning Department

Subject: Resolution of Support, LIAA Sustainable Communities Grant

Date: September 9, 2009

The September 8, 2009 Township Board agenda contained a “discussion only” item identified as “Resolution of Support, LIAA Sustainable Communities Grant”. I had drafted a memo dated August 24, 2009 describing my past service on the Tri-County Regional Planning Commission’s Urban Service Boundary (USB) Committee. The USB Committee recently recommended that its’ members pursue a grant (\$25,000) from the Land Information Access Association (LIAA). It’s estimated that the Township’s required “match” for the grant would be approximately \$250. My earlier memo provided you with information pertaining to the grant from Harmony Gmazel of the Tri-County Regional Planning Commission. I’ve attached a copy of the “Resolution of Support” prepared by Ms. Gmazel for the LIAA grant.

Proposed Motion

“I move that the Delta Township Board pass the Resolution of Support for the Tri-County Regional Urban/Rural Service District/Boundary Committee and the Pursuit of the 2009 LIAA Partnerships for Change: Sustainable Communities Grant as drafted by the Tri-County Regional Planning Commission staff. Further, the Delta Township Supervisor is authorized to sign said resolution on behalf of the Township Board.”

C:\rpt\studies\USB Grant Resolution #2



MEMO

TO: Township Board
Delta Township

FROM: Janice Vedder
Township Clerk

DATE: September 21, 2009

RE: September 28, 2009 Special Meeting

The 2010 proposed budget for the Charter Township of Delta was presented to the Township Board on September 1, 2009 as required by state law. In an effort to provide additional time for the board members to review and discuss this proposed budget, a special meeting has been requested by the Budget/Finance Committee.

Therefore the following motion is offered:

“I MOVE THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF DELTA SET A SPECIAL MEETING FOR MONDAY, SEPTEMBER 28, 2009, FOR THE PURPOSE OF DISCUSSING THE PROPOSED 2010 BUDGET FOR THE CHARTER TOWNSHIP OF DELTA”



September 21, 2009

Delta Township Board
7710 W. Saginaw Hwy.
Lansing, MI 48917

Dear Board Members:

The following information was provided at the September 8, 2009, regular board meeting:

Every few years we survey area municipal cemetery operations to see if we are in need of adjusting the rates we charge for various cemetery services. The last actual rate adjustment was put into effect on July 1, 2001 and we surveyed rates in 2004 and 2006. In those two surveys we found that the rates we had in effect were in line with other operations. This summer we checked again and found that a few changes had taken place that we felt warranted rate adjustment. In the past we have adjusted rates effective July 1 of the year the adjustment has been made, however this date is a very busy time for Cemetery and Office staff so we decided to do the survey and recommend adjustments later in the year.

We contacted the following communities to get their rates on their cemetery services: DeWitt, Grand Ledge, Lansing, Mason, Portland and Watertown Township. We also obtained rates from St. Joseph Cemetery. We did not include any figures from the local private cemeteries as they operate on a completely different system and are subject to many different State and Federal regulations. We found that several of our rates were in line with other community rates; however we do feel that three of our services need to have adjustments made. The rates we feel are currently in line with others are as follows:

- Infant and cremation plot fees (\$300 – resident; \$450 non-resident)
- Infant and cremation grave opening/closing (\$200 – weekdays; \$350 Saturdays)
- Weekday arrivals after 4:00pm – additional \$100
- Burial Rights Certificate Transfer Fee - \$50 per certificate

Rates that we feel need to be adjusted are the sale of a full size burial plot for both resident and non-residents, the grave opening and closing rates for full size burials during the weekdays and Saturdays and the rate we charge for installing the foundation for grave markers and monuments.

The attached chart shows the rates that area municipal cemeteries charge for the plot fees and for the grave openings and closings. There is no continuity on how foundation installation charges are made as cemetery charges range from as “sod removal fee” to setting a precast cement slab to a per inch fee. We

currently charge \$0.30 per square inch and recommend raising this fee to \$0.35 per square inch. This increase will sufficiently cover our costs for this service.

The two major items that we are bringing to you for rate change consideration are the plot rates and the opening/closing fees. Looking at the attached chart the first two columns are fairly straight forward. The PLOT RATE is for a single full sized burial space purchased by a Township resident. The NR PLOT is a single full sized burial space purchased by a non-resident.

The other major item is the grave opening/closing rates. Our biggest discovery in this area is that we are one of the few Cemetery operations that still provide the full graveside set-up included in the fee we charge for the opening and closing of the grave. This means that we provide the tent, chairs, grasses and casket lowering device as part of the service. Most other agencies have gone to having the vault company provide this set-up. Therefore, our rates were low because the vault company charges approximately \$300 for the graveside set-up. We feel that we should continue to provide this service along with the grave opening/closing as it is another item that the family or the funeral director does not have to deal with when they use Delta Cemeteries as their burial site. Our equipment is in excellent condition and will continue to pay for itself again and again for years to come. Referring to the rate chart, when looking at the two columns titled OPENING/CLOSING and SATURDAY OPENING/CLOSING we have made some adjustment to listed rate. If the community did not provide the graveside set-up as part of their rate we added \$300 to their rate so that we would be comparing rates that provided like services. Therefore, our recommended rate change would bring us in line with the other charges from area communities. Note – the Saturday Opening/Closing column rates are generally higher to cover personnel overtime expenses.

We appreciated the opportunity to provide you with this information at the September 8th meeting. We do plan on being in attendance at the September 21, 2009, meeting to answer any questions that you may have. As discussed at the September 8th meeting, it is our intent to have the new rates to be effective on November 1, 2009, to allow residents to make lot purchases at the lower rate and to give us proper time to notify the area Funeral Directors of the Opening/Closing rate change. We offer the following:

“I move the Township Board of the Charter Township of Delta approve the proposed increased cemetery rates as follows:

Resident Plot Rate	\$600	Non Resident Plot Rate	\$900
Opening/Closing	\$950	Saturday Opening/Closing	\$1,100
Foundation Fees for Markers		\$.35/sq. inch,	

And further, that these increased rates be effective November 1, 2009.”

AREA CEMETERY RATES

COMMUNITY	PLOT RATE	NRPLOT	OPENING/CLOSING	SATURDAY OPENING/CLOSING
Grand Ledge	525	775	950	1050
Lansing	700	700	925	925
Portland	250	425	525/625	525/625
DeWitt	460	1050	660	660
Mason	520	920	875	1000
Watertown	360	900	650	825
St Joseph	750	750	1100	N/A
Delta (current)	500	750	600	750
Delta (recommended)	600	900	950	1100

Foundations fees for markers and monuments currently \$.30/ square inch recommended new rate \$.35/sq. in.

Note: We recommend rates to be effective November 1, 2009. All rates above adjusted to reflect price with complete graveside set-up and set/seal of vault. Delta currently provides this service with its' grave opening/closing charge. If a community does not provide this service with its rates the amount was adjusted up \$300 to reflect the charge from the vault company for this service.

MEMO

TO: Township Board
Delta Township

FROM: Gary Bozek
Senior Planner

DATE: September 15, 2009

SUBJECT: Planning Commission Transmittal of the
2010-2015 Capital Improvements Program

Attached please find your copy of the 2010-2015 Capital Improvements Program. The CIP was adopted by the Planning Commission by a vote of 7 to 0 following a public hearing on September 14, 2009. The public hearing was advertised in the local newspapers as statutorily required. No members of the general public were present at the hearing to speak on the matter.

The following motion is offered for your consideration:

"I move that the Township Board of the Charter Township of Delta acknowledge receipt of the 2010-2015 Capital Improvements Program as prepared and adopted by the Delta Township Planning Commission."

Please contact me if you have any questions regarding the contents of the document.

/gb
U:\Gary Bozek\RPT\CIP\2010_CIP_Transmittal.doc

***2010 - 2015
CAPITAL IMPROVEMENTS
PROGRAM***



***DELTA CHARTER TOWNSHIP
PLANNING COMMISSION***

**DELTA TOWNSHIP
BOARD OF TRUSTEES**

*Kenneth R. Fletcher - Supervisor
Howard Pizzo - Treasurer
Janice Vedder - Clerk*

*Janice Cunningham –Trustee Jeffrey C. Hicks –Trustee
Barbara Poma –Trustee Cara Spagnuolo –Trustee*

**DELTA TOWNSHIP
PLANNING COMMISSION**

*Robert McConnell – Chair
James Bleicher – Vice Chair
Jim Schwietzer – Secretary*

*Patricia Gabriel – Commissioner Kim Laforet – Commissioner
Mohammad Hammad – Commissioner Mark Mudry – Commissioner
J.P. Jackson – Commissioner Alecia Ruswinckel – Commissioner*

**DELTA TOWNSHIP
2010 - 2015 CAPITAL IMPROVEMENTS PROGRAM COMMITTEE**

*Mark Mudry - Planning Commissioner
Alecia Ruswinckel - Planning Commissioner
Jim Schweitzer - Planning Commissioner
Tom Morrissey - Director of Utilities
Jeff Anderson – Finance Director
Gary Bozek - Senior Planner*

**DELTA TOWNSHIP
PLANNING DEPARTMENT STAFF**

*Mark Graham - Planning Director
Gary Bozek - Senior Planner
Jeff Huard - Assistant Planner*

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1

INTRODUCTION

TO

CAPITAL IMPROVEMENTS PROGRAMMING

DELTA
T O W N S H I P

INTRODUCTION

It's evident that Delta Township doesn't have enough money at one time to pay for all of the things we would like to do. The Township is faced with the challenge of trying to meet the needs of its residents for public services and facilities in the midst of relatively fixed or decreasing revenues and the increasing costs of providing the needed public services and facilities. This means that the Township must have some method of setting project priorities and tackling first things first. The Township also needs a way to insure that its money is being spent wisely and efficiently. The capital improvements program helps the Township accomplish this goal.

WHAT ARE CAPITAL IMPROVEMENTS?

"Capital Improvements" are public improvements. They are projects involving the expenditure of public funds, over and above annual operating expenses, for the purchase, construction, or replacement of the physical facilities of a community. Examples include:

- Township Hall
- Police & Fire Stations
- Library
- Parks
- Roads
- Water & Sanitary Sewer Lines
- Water & Sewage Treatment Plants

WHAT ARE THE GENERAL CHARACTERISTICS OF CAPITAL IMPROVEMENTS?

- They are large in size.
- They have a big price tag.
- They have long term usefulness and permanence (10-30 years).
- They involve expenditures of a non-recurring nature (i.e., Once it's paid for that's it! The maintenance of the facility once in place becomes part the annual operating budget).
- They usually provide a governmental facility for public service.
- They add substantially to the value of the municipality's fixed assets.

Although most capital improvements share these common characteristics, the actual types of projects included in the CIP may vary from community to community. A capital improvement project for the purposes of Delta Township's capital improvements program is a major nonrecurring expenditure that includes one or more of the following:

1. Any acquisition of land for a public purpose.
2. Any construction of a new facility (e.g., a public building, water or sewer lines, a playground, or an addition to, or an extension of, such a facility)
3. A nonrecurring rehabilitation (i.e., something which is infrequent and would not be considered annual or other recurrent maintenance) or major repair of all or part of a

- building, its grounds, or other facility, provided that the cost is \$25,000 or more and the improvement will have a useful life of ten years or more.
4. The purchase of major equipment (e.g., a fire truck), provided that the cost is \$25,000 or more, which has a useful life of five years or more.
 5. Any planning, feasibility, engineering, or design study related to an individual capital improvement project or to a program that is implemented through individual capital improvement projects (e.g., The Delta Township Non-Motorized Transportation Plan).

Requests for funding projects that do not meet the criteria for inclusion in the capital improvements program are submitted as part of the Township's annual operational budget.

WHAT IS CAPITAL IMPROVEMENTS PROGRAMMING?

Now that we know what capital improvements are --- what is capital improvements programming? It is the preparation and updating of a proposed schedule of public works projects and related equipment to be built or purchased by local governments within a 6 year period. It covers the entire range of public facility and service requirements. The program lists all future projects in order of construction or acquisition priority, along with cost estimates and the anticipated means of financing each project.

The first year of scheduled projects is referred to as the "capital budget" and includes those projects scheduled to be funded in the upcoming fiscal year. These projects will actually be considered for inclusion in the Township's legally adopted budget. The succeeding years' schedule of projects makes up the "program".

WHY DO WE USE A SIX YEAR PROGRAMMING PERIOD?

A 6 year period is considered to be most suitable. 2 or 3 years is too little time for effective programming because planning and financing of major facilities usually takes longer. A period of 7 years or more may project the program too far into the future to be of practical value.

WHY DO WE UPDATE THE PROGRAM ANNUALLY?

The CIP is updated annually in order to fine tune the capital budget to reflect changing economic conditions. The Township wants to have the most accurate project costs included in the budget for the upcoming fiscal year. The program is also adjusted to reflect the need for additional projects and set different priorities if necessary.

WHAT ARE THE BENEFITS OF CAPITAL IMPROVEMENTS PROGRAMMING?

Focusing Attention on Community Goals, Needs, and Capabilities. This involves bringing projects in line with community objectives, anticipated growth, and financial capabilities. This is the type of information contained in the Township's Comprehensive Plan. The CIP is a tool for implementing the goals, policies, and objectives set forth in the plan.

Achieving Optimum Use of the Taxpayer's Dollar. Advance programming can help avoid costly mistakes. The program also aids the Township Board in making sound annual budget decisions. A listing of anticipated projects may encourage the purchase of land well in advance of construction at a lower present cost rather than higher future costs.

Serving Wider Community Interests. Projects within the CIP are prioritized on the basis of the greatest benefit to the greatest number of Township residents.

Encouraging a More Efficient Governmental Administration. Coordination of capital improvements programming by township, county, and state agencies can reduce scheduling problems and conflicting or overlapping projects. For example, utilizing a CIP avoids paving a street one year and tearing it up the next to install a sewer.

Improving Intergovernmental and Regional Cooperation. It may be possible to share needed facilities between local units of governments or between the municipality and a school district. Examples would be water and sewer plants or classroom space for recreation programs.

Maintaining a Sound and Stable Financial Program. When there is ample time for planning, the most economical means of financing each project can be selected in advance. Keeping projects within the financial capacity of the community helps to preserve its credit rating and makes the area more attractive to business and industry.

Enhancing Opportunities for Participation in Federal and State Grant Programs. Most grant applications require the need for the program to be well documented with a clear statement of goals and objectives. This documentation has already been developed in the CIP.

**The Contents of This Chapter Were Adapted From:*

Capital Improvements Programming in Local Government by HUD, Second Printing, 1970, published by USGPO, Washington, D.C. 20402 and Capital Improvements Programs: Linking Budgeting and Planning by Robert A. Bowyer, Planning Advisory Service Report No. 442, 1993, published by the American Planning Association, 1313 E. 60th Street, Chicago, Illinois 60637.

2

***DELTA TOWNSHIP'S
CAPITAL IMPROVEMENTS PROGRAMMING
PROCESS***

DELTA
TOWNSHIP

WHAT IS THE LEGAL BASIS FOR CAPITAL IMPROVEMENTS PROGRAMMING IN DELTA TOWNSHIP?

The Michigan Planning Enabling Act, 2008, PA 33 (MCL 125.3801 *et. seq.*), which become effective on September 1, 2008, mandates that the Planning Commission annually prepare a program of public improvements for the ensuing 6 years as follows:

“To further the desirable future development of the local unit of government under the master plan, a planning commission, after the adoption of a master plan, shall annually prepare a capital improvements program of public structures and improvements.The capital improvements program shall show those public structures and improvements, in the general order of their priority, that in the commission's judgment will be needed or desirable and can be undertaken within the 6-year period. The capital improvements program shall be based upon the requirements of the local unit of government for all types of public structures and improvements. Consequently, agency or department of the local unit of government with authority for public structures or improvements shall upon request furnish the commission with lists, plans and estimates of time and cost of those public structures and improvements. [§ 61.(1)]

Thus, the Delta Township Planning Commission has the primary responsibility of preparing the Township's Capital Improvements Program.

The Planning Commission annually appoints a Capital Improvements Program Committee and charges this committee with the responsibility of preparing the actual CIP document. Once prepared, the document is reviewed and approved by the full Commission at a public hearing. The CIP Committee is typically composed of three members from the Planning Commission, a representative from the Township Manager's Office, a Township Department Head, and a Planning Department staff person. The Township Manager's representative provides information on the status of ongoing projects within the current year, along with information on the Township's current and expected financial status. The Planning Department staff person is responsible for the compilation of project requests and the preparation of the actual CIP document.

A SUMMARY OF DELTA TOWNSHIP'S CIP PROCESS

The process of preparing the Delta Township's Capital Improvements Program begins early in the year and continues into early August when the CIP document is submitted to the Township Manager for use in preparing the Township' annual budget. The Township's CIP process is as follows:

February

A memo is sent by the planning staff on behalf of the CIP Committee to all department heads and Committee chairpersons requesting the submission of projects for inclusion in the CIP. Projects are generally required to be submitted within one month of the CIP Committee's request.

Standardized project status sheets, and project request forms are utilized. Information generally provided on the project requests forms includes a description of the project, the requested funding level, the years for funding and implementation, and the departmental priority of the project.

March - April

Staff compiles the information received from the department heads and Committee chairpersons for presentation. The projects are grouped according to their respective funds, i.e., general fund, water fund, sewer fund. The information packet presented to the CIP Committee also contains a list of the previous year's projects which have been funded or deleted and charts summarizing all project requests within their respective funds.

May - June

The first business meeting of the CIP Committee is held near the end of May or early in June. At this initial meeting the purpose of the CIP and the CIP process is reviewed for any new members on the Committee. Also, the schedule is finalized for meeting with the Township's department heads in order to discuss their project requests during the remainder of May through the end of June. After meetings with department heads and committee chairpersons are completed the CIP Committee assigns project priorities based on need.

July- August

The Planning Department staff person completes the CIP document and transmits it to the Planning Commission for review and approval at a public hearing which is usually held in August.

August - Sept.

Public hearing is held. Following the hearing, the CIP document is delivered in its final form to the Township Manager for use in formulating the Township budget.

PREPARATION AND ADOPTION OF 2010 - 2015 CIP

The preparation of the 2010 - 2015 Capital Improvements Program followed the process as described above, and it was adopted by the Delta Township Planning Commission following a public hearing on September 14, 2009.

3

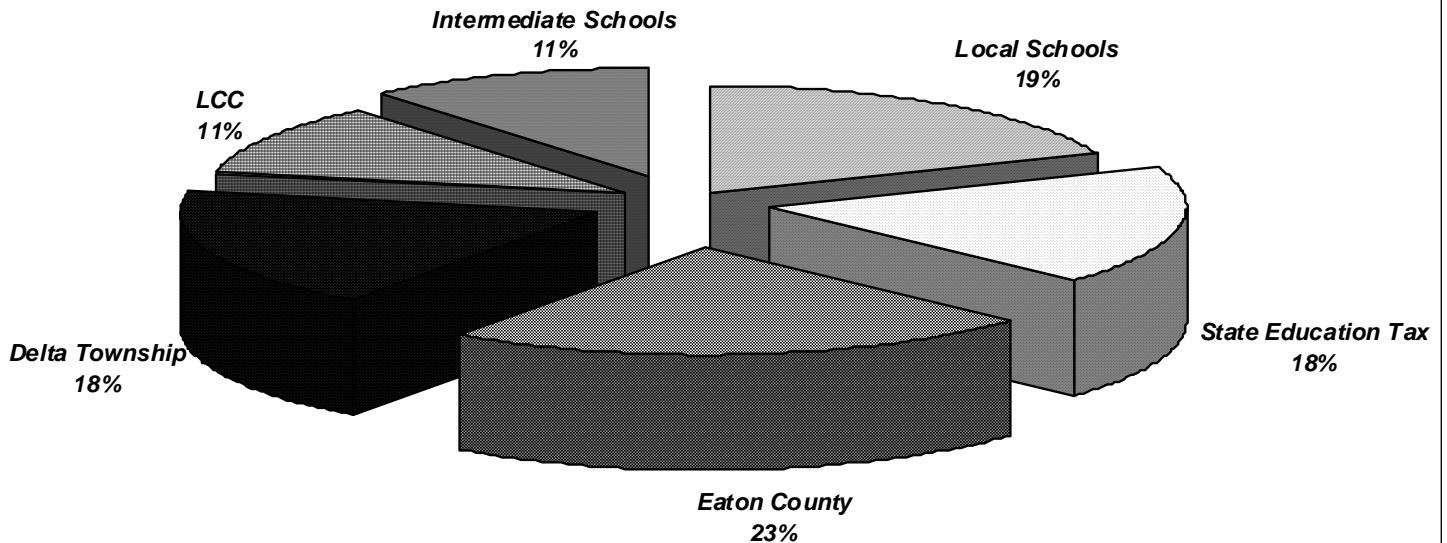
WHERE DOES THE MONEY COME FROM?

&

WHERE IT DOES IT GO?

DELTA
T O W N S H I P

ESTIMATED 2009 TAX DISTRIBUTION



WHERE YOUR TAX DOLLARS GO

One of the most frequently asked question is "Where does all of the tax money go that I pay to Delta Township every year?" The chart above illustrates a general estimate of the distribution of taxes collected for 2009 by Delta Township based on 2008 tax rates.

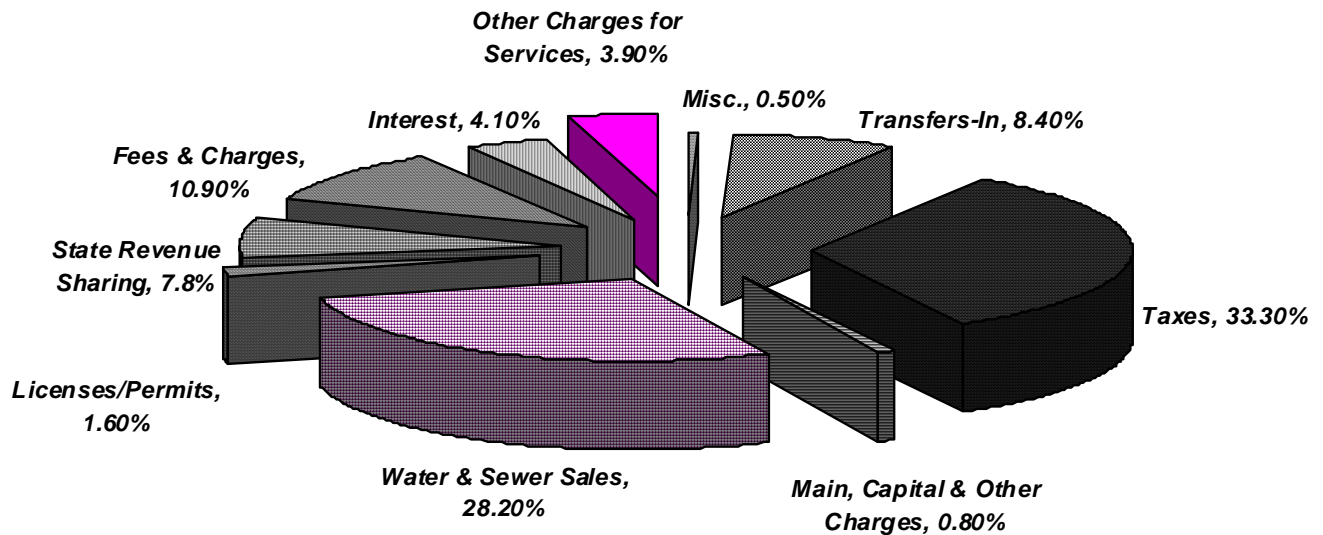
Delta Township serves as the collecting agent for tax monies for educational purposes as well as County and Township services. The local school portion goes to the appropriate school district, being the Lansing, Holt, Waverly or Grand Ledge districts. The intermediate school portion provides funding to the Eaton or Ingham Intermediate school districts which provide such services as special education, vocational education, and career centers.

The Delta Township portion funds those services which the Township provides its residents. These include police and fire protection as well as administrative services. Funding for paramedic services is provided by a voter approved tax levy which was initiated at 2 mill in 1979 and renewed in 1984. In November of 1988 the voters approved a one mill ten year tax levy for paramedic services that began in 1989. The one mill paramedic services levy was renewed for another ten years on August 4, 1998, and it was renewed once again for ten years on August 5, 2008. Taxes that are paid to Eaton County are used to fund County services such as road and storm drain maintenance and repair.

DELTA TOWNSHIP'S THREE OPERATIONAL FUNDS

Delta Township has three operational funds which finance the services provided to Township residents. These three funds are the General Fund, the Sanitary Sewer Fund, and the Water Fund. Each of these is a separate autonomous entity. The General Fund receives most of its revenues from property taxes, state shared revenues, and fees for general public services. Revenues to the Sanitary Sewer Fund and the Water Fund are derived from customer billings, new customer connection fees, and special assessments. A brief description of the revenues and expenditures that typically occur in each of the three funds is presented below. The following pie chart illustrates each principal source of revenue to all of the Township's operational funds as a percentage of the total revenues expected to be generated in 2009, as indicated in the Township's 2009 budget document.

ESTIMATED TOTAL 2009 REVENUES - ALL FUNDS



GENERAL FUND REVENUES & EXPENDITURES

The General Fund provides support for nearly all of the basic public services of the Township. Over twenty services and numerous miscellaneous activities operate from revenues accruing to the General Fund.

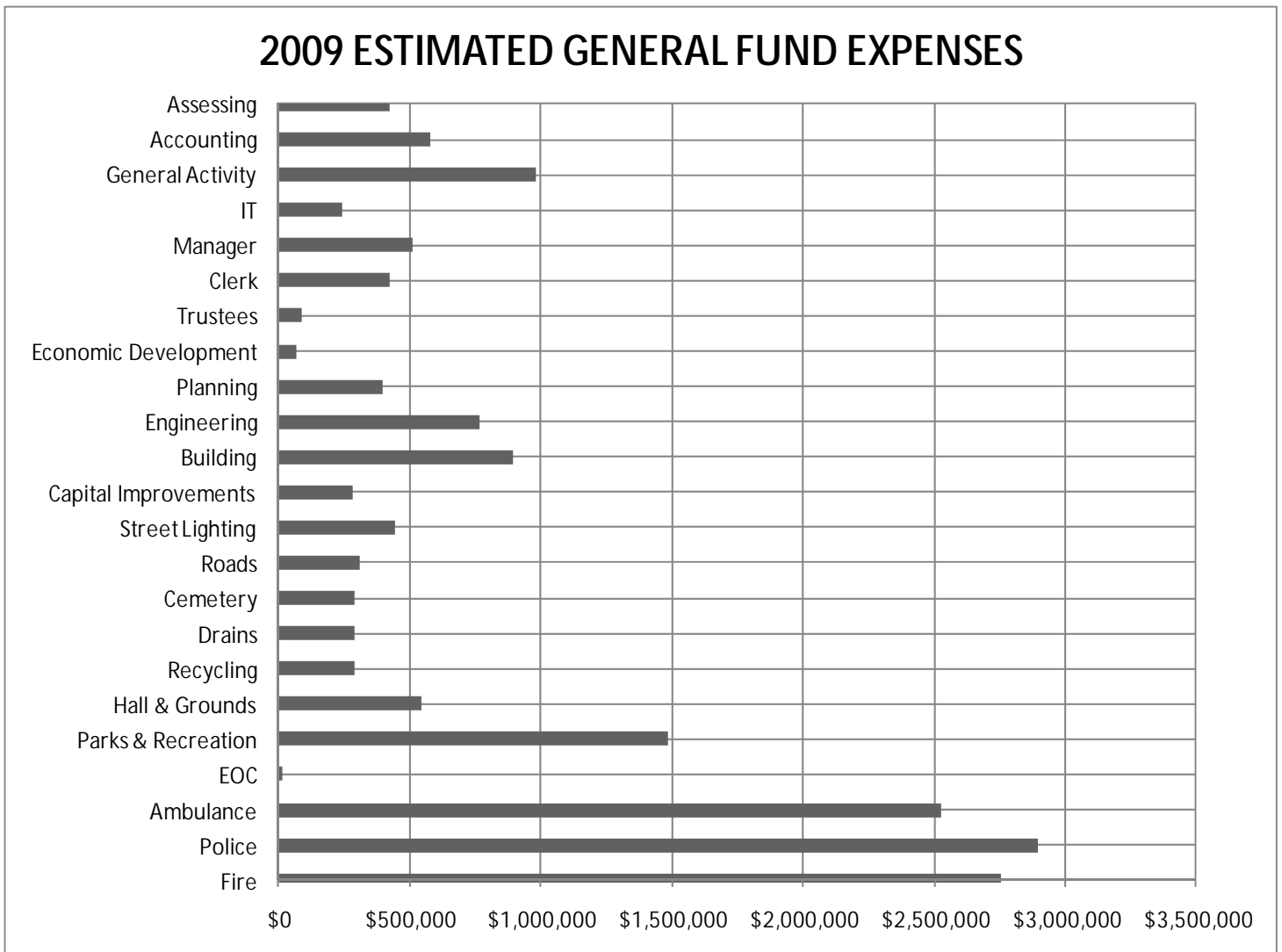
Property tax revenues are determined by the taxable value of real property (land & buildings) and personal property (machinery, equipment, etc.) multiplied by the millage rate levied each year by the Delta Township Board for General Fund operations. Property tax

revenues received in 2009 were generated by a millage rate of 4.9287. A mill represents \$1.00 for

each \$1,000 of property valuation. For 2010 revenues, it is expected that the millage rate will again be set at 4.9287. A millage rate set by the Township Board in 2009 will produce revenues for operations in 2010.

It should be noted that in addition to the 4.9287 mills mentioned above, there are additional tax levies of 0.9896 mills for paramedic services and 1 mill for the Delta Township District Library. These are separate levies that were approved by the Township's voters. These voter approved levies will result in an anticipated total millage rate in 2009 (for 2010 property tax revenues) of 6.9183.

The General Fund provides for the operation of the various departments providing public services to Township residents. Additional funding is provided for the maintenance of the Township's buildings and grounds, certain street and drain expenses, and a variety of other miscellaneous activities. The following bar chart depicts the 2009 General Fund money that is estimated to be expended on each of the major Township functions.



It should be noted that on June 19, 1989 the Township Board adopted a policy of allocating at least 10% of the General Fund operating budget to be available to fund capital expenditures each year. Along with the General Fund Projects listed herein, this 10% figure also encompasses allocations to the vehicle and equipment reserve funds and other minor capital expenditures. The Township Board will endeavor to adhere to this policy.

SANITARY SEWER FUND REVENUES & EXPENDITURES

The principal revenue sources for the Sanitary Sewer Fund are from sales, which represent receipts from monthly billings to sanitary sewer customers; capital charges, which are a one time only purchase of equity representing capital investments paid for by all new customers; interest income, which is gained from short-term investment of available cash at local financial institutions; and main charges are paid by those property owners outside of special assessment districts for the cost of installing sanitary sewers in front of their properties.

Sanitary Sewer Fund expenditures result from the support of all waste water collection and treatment operations within the Township. This includes the personnel necessary to operate the Wastewater Treatment Plant; the maintenance of collector sewers, lift stations, and treatment plant, and a variety of other service functions provided to the Township's sewer customers. Capital improvements to the existing sanitary sewer related facilities are also financed via the Sanitary Sewer Fund.

WATER FUND REVENUES & EXPENDITURES

The principal revenues for the Water Fund are from water sales, which are monthly payments made by customers of the system for water consumed, service installation fees for physical connection of new customers to the system, capital charges which are for the purchase of equity, and interest received from short-term investment of cash with local financial institutions.

Water Fund expenditures arise out of the construction and maintenance of the Township's water distribution system. This includes personnel, equipment, maintenance, construction, and repair of water mains and water storage tanks.

STATUS OF CIP PROJECTS RECOMMENDED FOR FUNDING IN 2009

The foregoing is the status of the ranked projects recommended for funding in 2009 by the CIP Committee as they appear in the Township's 2009 budget document, which is prepared by the Township Manager's Office.

2009 General Fund Projects

Road Maintenance & Construction Reserve Fund (Priority A)

CIP Request: \$360,000
Board Approved: \$150,000*

In 1979 the Delta Township Transportation Committee established the Road Maintenance/Construction Reserve Fund. The primary purpose of these reserve monies is to provide local matching funds to federal monies for new road construction as well as to supplement monies spent by the Eaton County Road Commission to repair and maintain Delta Township streets. The specific road improvement projects which will be paid for out of this reserve fund are described in a document prepared by the Delta Township Transportation Committee entitled the "Delta Charter Township Road Improvement Program".

The CIP Committee does not establish which road projects should receive funds in any particular year. This is the function of the Delta Township Transportation Committee. Since major road projects involve federal funding, there is a degree of uncertainty as to the likelihood of a particular project being funded in a particular year. Funds must be on hand in the reserve fund in order to be ready to match federal funds when they become available for a specific project.

*(*Note: This item is appears under the \$311,000 Roads Activity line item in the 2009 Budget, i.e, \$150K for roads and \$161K for sidewalks and non-motorized transportation.)*

Storm Drain Maintenance/Construction Reserve Fund (Priority A)

CIP Request: \$300,000
Board Approved: \$285,777

Many storm drainage districts within Delta Township are in need of reconstruction, improvement or expansion. Development of storm drainage facilities is an expensive process due to land acquisition costs, large pipe sizes, extensive excavation work, and disruption of existing roads and utilities. As growth continues within the Township the need for storm drain improvements will intensify. The allocations to the reserve fund are used to

meet the Township's share of future drain construction and maintenance projects, as required by the Eaton County Drain Commissioner=s Office.

Major Fire Apparatus Reserve Fund (Priority A)

CIP Request: \$100,000
Board Approved: \$305,600

Vehicles and equipment utilized by the Fire Department are very expensive and often have a very long useful life. Major fire apparatus meets the definition of a capital improvement described in Chapter 1. The Fire Apparatus Reserve Fund is an element of the Township Improvement Revolving fund and it is built-up and drawn upon as needed to replace needed vehicles and equipment. The 2009 Budget shows that fund received \$305,600 in 2009.

Sidewalk Construction & Maintenance Reserve Fund (Priority A)

CIP Request: \$150,000
Board Approved: \$161,000*

There are numerous locations throughout Delta Township where County primary roads are adjacent to residential neighborhoods, park sites, and schools. Each passing year has seen increases in both pedestrian and bicycle movements along these roads. The Sidewalk Construction Reserves are intended to be utilized for the construction of sidewalks in those areas where the demand for non-motorized transportation access is greatest. No specific determination of locational priorities has been made herein. In 1986 the Township Board adopted the Delta Township Sidewalk Plan. This plan identified the most needed sidewalk routes within the Township. A major component of the Plan was implemented in 1997 with the construction of sidewalks on both sides of West Saginaw Highway from Waverly Road to Canal Road. This project was funded via grant monies from the State of Michigan. Provision of these sidewalks will provide increased safety for pedestrians. Sidewalks will also provide an alternative means of access and could possibly reduce the number of vehicles on the Township's roadways. An update of the 1986 Sidewalk Plan was adopted by the Township Board in 2003.

*(*Note: This item is appears under the \$311,000 Roads Activity line item in the 2009 Budget, i.e, \$150K for roads and \$161K for sidewalks and non-motorized transportation.)*

Non-Motorized Transportation System (Priority A)

CIP Request: \$ 100,000
Board Approved: \$ *****

This project involves the implementation of the Township's Non-Motorized Transportation Plan, which calls for the creation of a comprehensive trail system which includes bike paths, sidewalks, hiking trails, and jogging trails to and from neighborhoods, schools, parks, and commercial corridors. An expert non-motorized transportation consultant was retained in 2003 to develop the plan, and the Plan was adopted by the Township Board in 2005.

(*Note: A specific funding level does not appear in the 2009 Budget. Non-motorized transportation activities are funded out of the Roads Activity line item.)

Sheriff's Sub-station New Building or Expansion (Priority A)

11

CIP Request: \$4,500,000
Board Approved: \$ 0

Increases in personnel and equipment have resulted in overcrowding of the current facility. This project may consist of constructing an addition onto the existing building or constructing an entirely new building.

Park Land Acquisition & Development Reserve Fund (Priority B)

CIP Request: \$ 75,000
Board Approved: \$ 0

This project involves setting aside funds for land acquisition for park purposes in the western portion of the Township, where future growth is likely to occur. Commonly accepted parks and recreation industry standards indicate that the Township is close to being deficient in acreage based on its current population. Purchasing the land now will assure that it is available for future use, and will eliminate the risk of not having suitable land available to purchase at reasonable prices.

Parks & Cemeteries Improvement Reserve Fund (Priority B)

CIP Request: \$ 43,000
Board Approved: \$ 39,000

The CIP Committee recommended the establishment of a reserve fund in 1994 in order to save enough money for some of the smaller but necessary parks and cemeteries improvements. The reserve fund was established by the Township Board as recommended.

Paving Delta Mills Park Roads and Parking Areas (Priority B)

CIP Request: \$ 100,000
Board Approved: \$ 0

This project involves paving all of the gravel roads and parking areas within the park. The gravel areas are expensive to maintain and paving will reduce future maintenance costs.

2009 Sanitary Sewer Fund Projects

Wastewater Treatment Plant Expansion Land Purchase

The most recent expansion of the Township's Wastewater Treatment Plant was completed in 1987. As the Township continues to develop, future expansion of the plant will be necessary. There is an extremely limited amount of vacant land adjacent to the existing facility available for future expansion. The Township had the first right of refusal on the adjacent land for many years and was finally able to acquire the property in 2009.

Enlarge Saratoga Lift Station

This station, located adjacent to the Saratoga Farms Subdivision, has reached its capacity and needs to be expanded, or have an equalization basin added. The project was not commenced in 2009 and has been resubmitted for 2010.

Wastewater Treatment Plant Expansion

The treatment plant needs to be expanded to increase its capacity. This is envisioned as a 3-year project, with the first six months devoted to design and the remaining 2½ years devoted to construction. The exact cost will not be known until the design phase is completed. The project was not commenced in 2009 and has been pushed back and resubmitted for 2015.

River Ridge Equalization Basin

This project would construct a flow-equalization structure to accommodate peak sewage flows. Wastewater would be stored in the basin during peak flow times and then be pumped to the wastewater treatment plant during off-peak hours. The project was not commenced in 2009 and has been pushed back and resubmitted for 2011.

Section 9 Sewage Pumping Station

This project would construct a new pumping station to handle the development west of I-96 as determined in the review of the long-range sewer plan. The project was not commenced in 2009 and has been resubmitted for 2010.

St. Joe Highway Sewer

A new gravity sewer is needed along St. Joe Highway west of Nixon Road to accommodate growth in this area of the Township. The project was not commenced in 2009 and has been resubmitted for 2010.

Section 1 Sewage Pumping Station

This project would construct a new pumping station in conjunction with the development of homes north of the Grand River, immediately west of Waverly Road. . The project was not commenced in 2009 and has been pushed back and resubmitted for 2014.

2009 Water Fund Projects

Generators for Water Wells

The power blackout in August 2003 revealed that the Township could be without potable water during such an incident. This left Township residents in a vulnerable position because the Lansing Board of Water & Light could not pump water to the Township during the blackout, nor could the Township operate its backup water wells. Generators at two wells were installed in 2006 and another two in 2008. Two more were requested in 2009 but were not purchased. These have been resubmitted for 2010.

St. Joe Highway Water Mains – Nixon Road to the West

A new water main is needed on St. Joe Highway west of Nixon Road to accommodate development occurring in this area of the Township. The project has not been commenced and has been resubmitted for 2010.

Section 1 River Crossing

This water main would run east from the entrance of Grand Woods Park on Willow Highway, crossing the Grand River, then turning north and connecting to the Delta River Drive water main immediately west of Waverly Road. The project has not been commenced and has been resubmitted for 2010.

Radio Meter Reading System

This project involves the installation of equipment that would allow water meters to be read remotely from a central location in the Township, and the eventual elimination of the need for meter reading personnel visiting each and every customer's home or business. This project was not commenced in 2009 and has been resubmitted for 2010.

4

2009 - 2014

GENERAL FUND

PROJECT RANKINGS & DESCRIPTIONS

DELTA
T O W N S H I P

INTRODUCTION

This chapter contains CIP General Fund project descriptions and the priority levels set for those projects slated for funding in 2010 (i.e., the Capital Budget). The priorities have been set by the Capital Improvements Program Committee and approved by the Delta Township Planning Commission.

All projects submitted for inclusion in the 2010-2015 CIP are reviewed by the CIP Committee, which sets priorities for the projects according to their economic and physical necessity, and the benefits anticipated to be gained by Township residents and personnel. The priorities are based on a classification system adapted from Principles and Practice of Urban Planning, published in 1968 by the International City Managers Association (pp. 392-394), as follows:

Priority A (Urgent)	Projects which cannot reasonably be postponed. These may be needed to complete an essential or a partially finished project, or to maintain a minimum level of service in a presently established Township program. Also, any project needed to address an emergency situation.
Priority B (Necessary)	Projects which should be carried out within a few years to meet the anticipated needs of a current Township service, or replacement of unsatisfactory facilities.
Priority C (Desirable)	Projects needed for the proper expansion of a Township service. The exact timing of which can wait until funds are available.
Priority D (Deferrable)	Projects which would be needed for ideal operation, but which cannot yet be recommended for action. They can be postponed without detriment to present services.
Priority NR (Non-Ranked)	Projects which were not specifically recommended for funding by the CIP Committee as requested. Typically, there may not have been enough information available to make a recommendation, the beneficiaries of the proposed project were vague, or the responsibilities for implementation of a project may actually fall under the jurisdiction of an agency or other governmental entity outside of the control of the Township.

Projects that are given the same classification can be distinguished further by the Township Manager and the Township Board for budget purposes based on public health and safety considerations, breadth of service area, or the availability of matching funding from other sources outside of the Township. In determining appropriate project funding levels throughout the six year program period, the CIP Committee may exercise one or more of the following options:

- Recommend funding the project in the year and the amount requested by the Department.
- Recommend that the project not be funded at all.

- Recommend partial funding of the project in the year requested.
- Recommend delaying funding of the project to another year.
- Recommend setting aside a portion of the requested money each year to save enough to fund the project in some future year.

The project classifications serve as a guide in preparing the annual Township budget and aid the Township Board in making project funding decisions. Table 4-1 contains the 2010-2015 CIP projects and their classifications as recommended by the CIP Committee. Descriptions of each project appear following the table. Projects receiving an NR (Non-Ranked) classification are those projects that the Committee did not believe fit into a specific ranking category. Funding sources may have still been in question or there may not have been enough information available to make a specific recommendation.

This chapter also contains several policy recommendations that the Capital Improvements Program Committee advises the Township Board to consider. In past years, the primary focus has been as described above, that of setting project priorities and determining funding levels for each project. For the most part, this approach has worked satisfactorily in providing for the Township's need for increased services. In the past, there have generally been sufficient funds available to meet the Township's most pressing needs. In the future, however, the Township may face situations where the annual allocations able to be made to the maintenance and construction reserve funds may not be adequate (e.g., roads and storm drains). Other sources of funding should be explored and taken advantage of.

2010- 2015 CAPITAL IMPROVEMENTS PROGRAM POLICY RECOMMENDATIONS

In order to address the problems of increasing demands for services and funds, the Capital Improvements Program Committee has developed several policy recommendations that the Township Board is advised to consider.

- I. One of the greatest challenges the Township may face is how to keep pace with the demands placed on its roads and storm drains. Roads and storm drains within Delta Township are under the jurisdiction of Eaton County Road Commission and Eaton County Drain Commissioner, respectively. The CIP Committee recognizes the need to allocate monies to the Road and Storm Drain Maintenance and Construction Reserve Funds in order to pay for the Township's fair share of a particular project, or to provide for an upgrade of a project proposed to be constructed only to minimum standards. However, it has been the consensus of the CIP Committee that the Township should exercise care in not overly exceeding its responsibility and pay far more than its equitable share for a project. The Committee recommends that the Board lobby our County representatives and strongly encourage Eaton County to fulfill their responsibilities with regard to roads and storm drains. It is further recommended that the Township establish a matching grant program for projects in which the Township would set some limits on its participation. The Committee is aware of the argument that the County has extremely limited resources, and if Delta Township doesn't provide substantial funding for projects, they may not get implemented. Nonetheless, the Committee

believes it is extremely important for the County to increase its efforts to ensure Delta Township does not pay more than its fair share. The County should be encouraged to explore every means of funding available beyond Delta Township in order to provide the needed roads and storm drains.

- II. The Township has established the Storm Drain Maintenance and Construction Reserve Fund to set aside monies to pay for the Township's at-large share of drain projects. In general, the amount allocated each year is sufficient to cover the Township's share. The Township Engineer has advised that the money in the reserve fund could be utilized more efficiently if the Township took a more active role in petitioning for drain improvements. In this way the Township could determine the scope of a particular project, thus having more control of the cost of the project. The Committee is supportive of this strategy.
- III. The money allocated to the Road Maintenance and Construction Reserve Fund is used to pay for the resurfacing of deteriorating streets and to participate in the funding of new road construction projects with Eaton County and the State of Michigan. In the future, the annual allocation able to be made to the reserve fund may not be enough to keep pace with all the needed road improvements. The Committee recommends that Township officials explore possible methods of alternative funding that do not place additional burdens on the Township's taxpayers, or act as disincentives for development.
- IV. For the past several years the Township has been setting aside approximately \$50,000 per year for the Sidewalk Construction & Maintenance Reserve Fund. Money in this fund is to be used for the repair and construction of sidewalks throughout the Township. To date it has been used primarily for the construction of new sidewalks in conjunction with road improvement projects and major repair projects. In 1986 the Township Board adopted the Delta Township Sidewalk Plan which identified the most needed sidewalk routes in Delta Township. With the adoption of the Delta Township Sidewalk Ordinance in November of 1993, implementation of the Sidewalk Plan began. The Sidewalk Ordinance generally requires developers to construct sidewalks in conjunction with new development. The CIP Committee is recommending that in establishing new sidewalk routes through areas of the Township that are already developed, the adjacent benefitting property owners, inasmuch as possible, be assessed for the cost of sidewalk construction. It should be noted that the implementation of the Sidewalk Plan was given a boost in 1997. The Township received a grant through the Michigan Department of Transportation which paid for the cost of installing approximately three miles of sidewalks on both sides of West Saginaw Highway (M-43), from Waverly Road to Canal Road. An update of the 1986 Sidewalk Plan was adopted by the Township Board in 2003, and a Non-Motorized Transportation Plan was adopted in 2005. A draft of the 2009 Sidewalk Plan Update is currently under review.
- V. In order to keep abreast of the status of all major CIP projects, the Planning Commission requests that, at such time as it may occur, each and every time that a capital improvement project is placed on the ballot before the electorate of Delta Township, which was not a prioritized item in the Capital Improvements Program for

that year or subsequent years, the Township Board refer the items to the Planning Commission for the Commission's consideration and recommendation.

- VI. Some projects involve land acquisitions, such as park land west of I-96 and trail system corridors. The CIP Committee recommends that the Township pursue the possibility of acquiring land via donations from large landowners/developers.
- VII. The CIP Committee recommends that if monies in a particular year do not permit the implementation of a project with a very large cost, this may represent an opportunity to bring some of the smaller projects forward that would have substantial benefits to the community.
- VIII. Several project requests involved requests for large dollar amounts in one single project year. The CIP Committee noted that some of these projects would lend themselves very well to the spreading these amounts out over several years.

ALTERNATIVE FUNDING SOURCES

The Township may wish to explore the feasibility of utilizing the one or more of the funding alternatives described below in financing CIP projects:

General Obligation Bonds: Building expansions or new recreational facilities could be funded in this manner. Through this method, the taxing power of the Township is pledged to pay the interest and principal to retire the debt.

Revenue Bonds: These are frequently used to fund sewer or water system projects. These services produce revenues and the bonds are repaid from service charges or fees produced by the respective system.

Lease-Purchase: This is a method whereby a needed facility is constructed by a private interest and the facility is leased back to the local municipality. At the end of the lease period the title to the facility can be conveyed to the municipality without any future payments. The rental over the years will have paid the total original cost plus interest.

Authorities or Special Districts: These are usually created to provide a single service such as utility services or schools. Establishment of such an authority or utility may be considered for storm drains within the Township. Property owners would be billed for use of the storm drains as they are for water and sewer services.

Special Assessment: Public works projects that benefit particular properties can be financed through this method. This method can be used for water, sanitary sewer, road, storm drain, and sidewalk projects.

State and Federal Grants: Although these have become scarce in recent years, the Township should be on the lookout for potential grants to fund non-motorized transportation, parks and recreation, recycling, or utility projects.

Millages: The Township currently has a special millage which funds paramedic services and the construction of Fire Station No. 1.

**TABLE 4-1
2010 - 2015 CAPITAL IMPROVEMENTS PROGRAM
GENERAL FUND PROJECT PRIORITIES**

PROJECT	DEPT.	2010	2011	2012	2013	2014	2015
ROAD CONST. RESERVE	TRANS.	(A) 311,000	311,000	315,000	315,000	315,000	315,000
STORM DRAINS	ENGR.	(A) 300,000	300,000	300,000	300,000	300,000	300,000
FIRE APPARATUS RESERVE	FIRE (CIP COMM.)	(A) 75,000	75,000	75,000	75,000	75,000	75,000
SIDEWALK CONST. RES.	ENGR.	(A) 150,000	150,000	150,000	150,000	150,000	150,000
NON-MOTORIZED TRANSPORTATION	ENGR.\ PARKS	(A) 100,000	100,000	100,000	100,000	100,000	100,000
NEW SHERIFF'S SUB-STATION	SHERIFF	(A) 4,500,000					
RELOCATION OF FIRE STATION NO. 2	FIRE	(B) 150,000	150,000	150,000	150,000	180,000	
PARK LAND ACQUISITION	PARKS & CEM.	(B) 75,000	75,000	75,000	75,000	75,000	75,000
PARKS & CEMETERY RES.	PARKS & CEM.	(B) 43,000	43,000	43,000	43,000	43,000	43,000
DELTA MILLS PARK ROADS & PARKING PAVING	PARKS & CEM.	(B) 110,000					
LEAF PICK-UP	ENGR.	(C) 100,000	100,000	100,000	100,000	100,000	100,000
UPGRADE DETENTION BASINS	ENGR.	(C) 45,000	45,000	45,000	45,000	45,000	45,000
GRAND WOODS RESTROOM/ SHELTER	PARKS & CEM.		50,000				
YOUTH ATHLETIC FIELD COMPLEX & PARK (MT. HOPE)	PARKS & CEM.		1,300,000				
PLAYERS CLUB	PARKS & CEM.		500,000				
RIVER USE ENHANCEMENT	PARKS & CEM.			60,000			
COMMUNITY CTR.	PARKS & CEM.			7,000,000			
LOOTENS PARK	PARKS & CEM.			425,000			
ANDERSON PARK	PARKS & CEM.			250,000			
ERICKSON PARK PARKING PAVING	PARKS & CEM.				175,000		
TENNIS COURTS	PARKS & CEM.					60,000	
TOTALS		\$5,959,000	\$3,199,000	\$9,088,000	\$1,528,000	\$1,443,000	\$1,203,000

NOTE: The letter in parenthesis which appears above the funding level for each project recommended for funding in 2010 is the CIP Committee's priority classification for that particular project. NR denotes "Non-Ranked".

2010 GENERAL FUND PROJECT DESCRIPTIONS

Priority A: Road Maintenance/Construction Reserve Fund

In 1979 the Delta Township Transportation Committee established the Road Maintenance/Construction Reserve Fund. The primary purpose of these reserve monies is to provide local matching funds to federal monies for new road construction as well as to supplement monies spent by the Eaton County Road Commission to repair and maintain Delta Township streets. The specific road improvement projects which will be paid for out of this reserve fund are described in a document prepared by the Delta Township Transportation Committee entitled "Delta Charter Township Road Improvement Program".

The CIP Committee does not establish which road projects should receive funds in any particular year. This is the function of the Delta Township Transportation Committee. Since major road projects involve federal funding, there is a degree of uncertainty as to the likelihood of a particular project being funded in a particular year. Funds must be on hand in the reserve fund in order to be ready to match federal funds when they become available for a specific project. The recommended funding level for 2010 and 2011 is \$311,000, and \$315,000 per year for the remainder of the program period.

Priority A: Storm Drain Maintenance/Construction Reserve Fund

Many storm drainage districts within Delta Township are in need of reconstruction, improvement or expansion. Development of storm drainage facilities is an expensive process due to land acquisition costs, large pipe sizes, extensive excavation work, and disruption of existing roads and utilities. The need for storm drain improvements and maintenance is a function of growth and development and the age of the system. Future improvements may also be necessary for compliance with Federal mandates to treat stormwater runoff before allowing it to enter lakes, rivers, and streams. The allocations to the reserve fund are used to meet the Township's share of future drain construction and maintenance projects. The recommended funding level for the entire program period is \$300,000 per year.

Priority A: Major Fire Apparatus Reserve Fund

Vehicles and equipment utilized by the Fire Department are very expensive and often have a very long useful life. Major fire apparatus meets the definition of a capital improvement described in Chapter 1. The recommended funding level for the entire program period is \$75,000 per year.

Priority A: Sidewalk Construction & Maintenance Reserve Fund

The Sidewalk Construction and Maintenance Reserves are intended to be utilized for the construction, maintenance and repair of utilitarian sidewalks in those areas where the demand for pedestrian access is currently the greatest. In 1986 the Township Board adopted the Delta Township Sidewalk Plan. This plan identified the

most needed sidewalk routes within the Township. The plan was updated by the Planning Department in 2003. No specific determination of locational priorities have been made herein, however, a companion document to the updated Sidewalk Plan, the Sidewalk Improvement Program, was drafted for use by the Township Board in setting such priorities. Construction of the sidewalks identified in the Sidewalk Plan and the Improvement Program will provide increased safety for pedestrians, and perhaps provide an alternative means of access and could possibly reduce the number of vehicles on the Township's roadways.

It should be noted that in 1996 the Engineering Department conducted a comprehensive inventory of the Township's sidewalk system documenting its condition and identifying those walks in need of repair, barrier-free ramps that needed to be installed, and gaps that needed to be closed. Approximately 25,940 lineal feet of sidewalk was inspected. In 1997, a repair and construction program was commenced to fix broken walks, install ramps, and close gaps in the system. Upon completion of the program in 2002, approximately 340 lineal feet of new walk was installed, and 2,500 lineal feet of walk was repaired.

A funding level of \$150,000 per year is recommended for the entire program period in order to construct and maintain the high priority routes identified in the Sidewalk Plan.

Priority A: Non-Motorized Transportation (a.k.a. Trail System) Development

This project involves the creation of a Township-wide multi-modal non-motorized pedestrian trail/sidewalk system which includes bike paths, sidewalks, hiking trails, and jogging trails linking neighborhoods, schools, parks, and commercial corridors. The Township hired a consulting firm in 2003 to develop a master plan for the proposed system. The Plan was completed and adopted in 2005. This system is intended to be much broader in scope than the utilitarian sidewalks addressed by the Sidewalk Construction Reserve Fund and the Sidewalk Maintenance Reserve Fund mentioned above. The recommended funding level for the entire program period is \$100,000 per year.

Priority A: New Sheriff's Sub-Station Building

Increases in personnel and equipment have resulted in overcrowding of the current facility. A 2007 feasibility study has determined that a new building is required to meet the needs of the Sheriff's Department was conducted in 2007. The estimated cost of the new building is \$4,500,000. A general obligation bond issue may be explored for the possible funding of this project.

Priority B: Relocate Fire Station No. 2

With the closing of Millett Highway at the Meijer Distribution Center, direct emergency access to the industrial tract has been cut off. Also, with the addition of the newest General Motors plant and associated suppliers, an estimated 1,000 trucks travel in and out of the industrial tract daily. As a result, it is anticipated that there will be an increase in the number fire calls in the industrial tract in future years.

Based on these circumstances, it will be necessary to locate a fire station in closer proximity to the Township's industrial tract. This project envisions the purchase or acquisition via a donation land and/or buildings (e.g., the former Meijer Credit Union building at the corner of Creyts Road and Millett Highway) and converting it to a fire station. The building would include sleeping and living quarters, office space, a small conference room, a workout area, and drive-through bays for a fire engine and ambulance. Initially, part-time firefighters would staff the station, with it eventually being staffed by 3 full-time personnel to operate the station 24 hours per day seven days per week. A funding level of \$150,000 per year for construction and/or conversion is recommended for 2010 through 2013, and \$180,000 in 2015. The CIP Committee is recommending that the possibility of acquiring a site and/or building via a donation from a major industrial user be vigorously pursued.

Priority B: Park Land Acquisition & Development Reserve Fund

This project involves setting aside funds for land acquisition and development for park purposes throughout the Township, where future growth is likely to occur (e.g., the western portion of the Township). Commonly accepted parks and recreation industry standards indicate that the Township is close to being deficient in acreage based on its current population. Purchasing the land now will assure that it is available for future use, and will eliminate the risk of not having suitable land available to purchase at reasonable prices. The recommended funding level for the entire program period is \$75,000 per year.

Priority B: Parks & Cemeteries Improvement Reserve Fund

The CIP Committee recommended the establishment of a reserve fund in 1994 in order to save enough money for some of the smaller but necessary parks (e.g., play area improvements) and cemeteries improvements. The reserve fund was established by the Township Board as recommended. \$43,000 per year is recommended for the entire program period.

Priority B: Paving Delta Mills Park Roads and Parking Areas

This project involves paving all of the gravel roads and parking areas within the park. The gravel areas are expensive to maintain and paving will reduce future maintenance costs. \$110,000 is being requested in 2010.

Priority C: Township-Wide Leaf Pick-Up Program

This project involves the collection of leaves and yard waste and disposing of them in a proper manner. Stricter storm drainage regulations are being mandated by the Federal government that may make such a program necessary in order to keep storm drains free of debris. \$100,000 per year is being requested for this project. The CIP Committee recommends that the Township explore partnerships with neighboring communities to share the cost of the equipment necessary to carry out the program.

Priority C: Upgrade Detention Basins

This project involves the reconstruction of existing storm drain detention basins in order to improve storm water quality, and placing all of the basins under the jurisdiction of the Eaton County Drain Commissioner's Office for future maintenance. \$45,000 per year is being requested for this project.

2011 GENERAL FUND PROJECT DESCRIPTIONS

Road Maintenance/Construction Reserve Fund

See project description for 2010.

Storm Drain Maintenance/Construction Reserve Fund

See project description for 2010.

Major Fire Apparatus Reserve Fund

See project description for 2010.

Sidewalk Construction & Maintenance Reserve Fund

See project description for 2010.

Non-Motorized Transportation System Development

See project description for 2010.

Relocation of Fire Station No. 2

See project description for 2010.

Park Land Acquisition & Development Reserve Fund

See project description for 2010.

Parks & Cemeteries Improvement Reserve Fund

See project description for 2010.

Township-Wide Leaf Pick-Up Program

See project description for 2010.

Upgrade Detention Basins

See project description for 2010.

Grand Woods Park Remote Restroom/Shelter

The project involves the design and construction of a restroom and shelter in the remote portion of the park. This area is heavily utilized by disc golfers and walkers and is far away from any restroom facilities. \$50,000 is being requested in 2011 for this project.

Construct Youth Athletic Fields (Mt. Hope Property)

This project involves the construction of soccer fields, ball fields, parking, and restroom facilities in order to conduct all of the Township=s youth recreation programs in one location. All of the Township=s youth programs currently take place on school property. There is an increasing demand for the programs and they will not be able to be accommodated by the school facilities. An expanded centralized location will accommodate growth and reduce travel time for program administrators and facility maintenance personnel. \$1,300,000 is being requested in 2011 for this project. Volunteer labor and equipment is proposed to be utilized reduce costs, as well as the application for various grants.

Player's Club Development

This project involves the development of the donated 80 acre former Player's Club golf course site into a park emphasizing the Carrier Creek, or returning it to a golf course use. \$500,000 is being requested in 2011 for this project.

2012 GENERAL FUND PROJECT DESCRIPTIONS

Road Maintenance/Construction Reserve Fund

See project description for 2010.

Storm Drain Maintenance/Construction Reserve Fund

See project description for 2010.

Major Fire Apparatus Reserve Fund

See project description for 2010.

Sidewalk Construction & Maintenance Reserve Fund

See project description for 2010.

Non-Motorized Transportation System Development

See project description for 2010.

Relocation of Fire Station No. 2

See project description for 2010.

Park Land Acquisition & Development Reserve Fund

See project description for 2010.

Parks & Cemeteries Improvement Reserve Fund

See project description for 2010.

Township-Wide Leaf Pick-Up Program

See project description for 2010.

Upgrade Detention Basins

See project description for 2010.

River Use Enhancement – Grand River

The project consists of building canoe launch facilities and the promotion of the use the riverfront via clearing and renovating the riverbanks at Delta Mills and Grand Woods parks. \$50,000 is being requested in 2012 for this project.

Community Recreation Center

This project would provide the Township with expanded indoor recreation facilities to meet the current demand for recreation programs and a community swimming pool. The estimated funding level in 2012 is \$7,000,000, via a possible general obligation bond issue.

Lootens Park Development

This project involves the development of Lootens Park into a facility similar in nature to Sharp Park. \$425,000 is being requested in 2012 for this project.

Anderson Park Development

This project involves the development of Anderson Park, located on Lansing Road in Sections 35 and 36 of the Township, as a medium activity park with an emphasis on nature. None of the Township=s existing parks currently have a nature orientation. \$250,000 is being requested in 2012 for this project.

2013 GENERAL FUND PROJECT DESCRIPTIONS

Road Maintenance/Construction Reserve Fund

See project description for 2010.

Storm Drain Maintenance/Construction Reserve Fund

See project description for 2010.

Major Fire Apparatus Reserve Fund

See project description for 2010.

Sidewalk Construction & Maintenance Reserve Fund

See project description for 2010.

Non-Motorized Transportation System Development

See project description for 2010.

Relocation of Fire Station No. 2

See project description for 2010.

Park Land Acquisition & Development Reserve Fund

See project description for 2010.

Parks & Cemeteries Improvement Reserve Fund

See project description for 2010.

Township-Wide Leaf Pick-Up Program

See project description for 2010.

Upgrade Detention Basins

See project description for 2010.

Paving Erickson Park Roads and Parking Areas

This project involves paving all of the gravel roads and parking areas within the park. The gravel areas are expensive to maintain and paving will reduce future maintenance costs. \$175,000 is being requested in 2013.

2014 GENERAL FUND PROJECT DESCRIPTIONS

Road Maintenance/Construction Reserve Fund

See project description for 2010.

Storm Drain Maintenance/Construction Reserve Fund

See project description for 2010.

Major Fire Apparatus Reserve Fund

See project description for 2010.

Sidewalk Construction & Maintenance Reserve Fund

See project description for 2010.

Non-Motorized Transportation System Development

See project description for 2010.

Relocation of Fire Station No. 2

See project description for 2010.

Park Land Acquisition & Development Reserve Fund

See project description for 2010.

Parks & Cemeteries Improvement Reserve Fund

See project description for 2010.

Township-Wide Leaf Pick-Up Program

See project description for 2010.

Upgrade Detention Basins

See project description for 2010.

Grand Woods Park Tennis Courts

Three tennis courts would be constructed at Grand Woods Park. The existing tennis courts at Sharp and Delta Mills Parks are being used to capacity. The additional courts are expected to reduce the amount of time people have to wait to use a court.

Again, the consensus among Committee members is that this is a smaller project with substantial benefit to Township residents, which could be funded sooner in lieu

of a higher cost project that could not be implemented. The Parks Department is requesting a funding level of \$60,000 in 2014.

2015 GENERAL FUND PROJECT DESCRIPTIONS

Road Maintenance/Construction Reserve Fund

See project description for 2010.

Storm Drain Maintenance/Construction Reserve Fund

See project description for 2010.

Major Fire Apparatus Reserve Fund

See project description for 2010.

Sidewalk Construction & Maintenance Reserve Fund

See project description for 2010.

Non-Motorized Transportation System Development

See project description for 2010.

Park Land Acquisition & Development Reserve Fund

See project description for 2010.

Parks & Cemeteries Improvement Reserve Fund

See project description for 2010.

Township-Wide Leaf Pick-Up Program

See project description for 2010.

Upgrade Detention Basins

See project description for 2010.

5

2010 - 2015

SANITARY SEWER FUND

PROJECT DESCRIPTIONS

DELTA
TOWNSHIP

INTRODUCTION

The Sanitary Sewer Fund is the second separate operational fund of Delta Township. Its revenue is derived from customer billings, new customer connection fees, and special assessments to property owners.

Sanitary sewer projects rely very heavily on current development patterns, citizen petitions for service, and special assessments for implementation. Projects listed for 2008 reflect the current demands for service. Projects in future years reflect the Utility Director's and Township Engineer's best guesses as to where the demand for service will be. The Board should be prepared to implement projects that, although not in the current year, may become necessary to implement due to an immediate increase in development in a particular area. A listing of the 2010-2015 Sanitary Sewer Fund projects appears in Table 5-1. Descriptions of the projects appear following Table 5-1.

Specific priorities were not given to the various projects in that they are all considered necessary to maintain the required level of service and are implemented on an as needed basis.

**TABLE 5-1
2010 - 2015 CAPITAL IMPROVEMENTS PROGRAM
SANITARY SEWER FUND PROJECT PRIORITIES**

PROJECT	2010	2011	2012	2013	2014	2015
ENLARGE SARATOGA LIFT STN.	200,000					
SECTION 9 SEWAGE PUMP STATION	1,200,000					
ST. JOE HWY. SEWER MAIN	1,700,000					
NORTH SEWER	400,000					
RIVER RIDGE EQUALIZATION		1,500,000				
REPLACE OLD LANSING RD. (AMELIA) LIFT STN.		150,000				
REPLACE SKYWAY LIFT STN.		200,000				
REPLACE BELAIRE HILLS LIFT STN.		200,000				
EQUALIZATION (WILLOW)			3,000,000			
EQUALIZATION (WESTLAND)			500,000			
NIXON ROAD SEWER MAIN				1,700,000		
DELTA MILLS SEWERS				1,500,000		
EQUALIZATION (DELTA MRKT.)				1,500,000		
SATELLITE TREATMENT PLANT				17,00,000		
SECTION 1 SEWAGE PUMP STATION					500,000	
MT. HOPE SEWAGE PUMP STATION						1,700,000
WWTP EXPANSION						35,000,000
TOTALS	\$3,500,000	\$2,050,000	\$3,500,000	\$21,700,000	\$500,000	\$36,700,000

2010 SANITARY SEWER FUND PROJECT DESCRIPTIONS

Enlarge Saratoga Lift Station

This station, located adjacent to the Saratoga Farms Subdivision, has reached its capacity and needs to be expanded, or have an equalization basin added.

Section 9 Sewage Pumping Station

This project would construct a new pumping station to handle the development west of I-96 as determined in the review of the long-range sewer plan.

St. Joe Highway Sewer

A new gravity sewer is needed along St. Joe Highway west of Nixon Road to accommodate growth in this area of the Township.

North Sewer

This project would construct a sanitary sewer line to the north side of the Wastewater Treatment Plant to accommodate possible development at Canal Road and Old River Trail.

2011 SANITARY SEWER FUND PROJECT DESCRIPTIONS

River Ridge Equalization Basin

This project would construct a flow-equalization structure to accommodate peak sewage flows. Wastewater would be stored in the basin during peak flow times and then be pumped to the wastewater treatment plant during off-peak hours.

Replace Old Lansing Road (Amelia) Lift Station

This station is at its 20-year design life and may need to be replaced.

Replace Skyway Lift Station

This station is at its 20-year design life and may need to be replaced.

Replace Belaire Hills Lift Station

This station will be at its 20-year design life and may need to be replaced.

2012 SANITARY SEWER FUND PROJECT DESCRIPTIONS

Equalization Basin at Willow Lift Station

This project would construct a flow equalization structure west of I-96 to accommodate peak sewage flows. Wastewater would be stored in the basin during peak flow times and then be pumped to the wastewater treatment plant during off peak hours. This will insure that wastewater flow to the plant does not exceed its capacity.

Equalization Basin at Westland Park Lift Station

This area in the Township=s industrial tract is experiencing rapid growth, which will necessitate equalizing peak flows at the lift station.

2013 SANITARY SEWER FUND PROJECT DESCRIPTIONS

Nixon Road Sewer

This project would construct a new sewer on Nixon Road from St. Joe Highway to the Rockbridge lift station on the west interceptor when completed. This project is needed to accommodate growth in this area of the Township.

Delta Mills Sewer

This project would put a pump station and gravity sewers in the Delta Mills area.

Equalization Basin at Saginaw Highway (Delta Market Drive) Lift Station

Due to rapid growth west of I-96, this station, located in Section 16 of the Township, is reaching capacity and will have to be expanded or have an equalization basin added to accommodate peak flows. \$1,500,000 is requested for this project in 2012.

Satellite Treatment Plant

This is a less expensive alternative option that may be explored rather than an expansion of the existing Wastewater Treatment Plant. A new satellite plant would be constructed west of the existing plant.

2014 SANITARY SEWER FUND PROJECT DESCRIPTIONS

Section 1 Sewage Pumping Station

This project would construct a new pumping station in conjunction with the development of homes north of the Grand River, immediately west of Waverly Road.

2015 SANITARY SEWER FUND PROJECT DESCRIPTIONS

Mt. Hope Sewage Pump Station

This pump would consist of a large pump station, force main, and gravity sewers to serve the area on Mt. Hope Highway that is west of I-96.

Wastewater Treatment Plant Expansion

The treatment plant needs to be expanded to increase its capacity. This is envisioned as a 3-year project, with the first six months devoted to design and the remaining 2½ years devoted to construction. The exact cost will not be known until the design phase is completed.

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2010 - 2015

WATER FUND

PROJECT DESCRIPTIONS

DELTA
T O W N S H I P

INTRODUCTION

The Water Fund is the third separate operational fund of Delta Township. Like the Sanitary Sewer Fund, revenue is derived from customer billings, new customer connection fees, and special assessments to property owners. The Water Fund is used to maintain and improve water distribution mains and water storage facilities, as well as providing money for annual operating expenditures. All projects recommended for funding from 2009 through 2014 will be paid from the Water Fund. A listing of the 2010-2015 Water Fund projects appears in Table 6-1. Descriptions of the projects appear following Table 6-1.

Specific priorities were not given to the various projects in that they are all considered necessary to maintain the required level of service and are implemented on an as needed basis.

**TABLE 6-1
2010 - 2015 CAPITAL IMPROVEMENTS PROGRAM
WATER FUND PROJECT PRIORITIES**

PROJECT	2010	2011	2012	2013	2014	2015
GENERATORS WATER WELLS	50,000					
SECTION 1 RIVER CROSSING	450,000					
RADIO METER READING SYSTEM	350,000	250,000	250,000	250,000	250,000	
ST. JOE HWY WATER MAINS		415,000				
NIXON ROAD WATER MAIN (WILLOW – SAGINAW)		560,000				
EVERGREEN HEIGHTS SUBDISION		100,000				
WILLOW HWY. WATER MAIN (WEST OF BROADBENT)			560,000			
WELL NO. 10 RIVER CROSSING			800,000			
OLD LANSING ROAD TO CREYTS ROAD WATER MAINS				800,000		
ELEVATED WATER TOWER W. OF I-96				1,500,000		
NIXON ROAD WATER MAIN (ST. JOE – MT. HOPE)					560,000	
MT. HOPE WATER MAIN (NIXON – GUINEA)					560,000	
WEBSTER/ DELTA MILLS WATER MAIN					20,000	
WATER TREATMENT PLANT						24,000,000
TOTALS	\$850,000	\$1,325,000	\$1,610,000	\$2,550,000	\$1,390,000	\$24,000,000

2010 WATER FUND PROJECT DESCRIPTIONS

Generators for Water Wells

The power blackout in August 2003 revealed that the Township could be without potable water during such an incident. This left Township residents in a vulnerable position because the Lansing Board of Water & Light could not pump water to the Township during the blackout, nor could the Township operate its backup water wells. This project will install backup power at the wells to cover water production during an emergency.

Section 1 River Crossing

This water main would run east from the entrance of Grand Woods Park on Willow Highway, crossing the Grand River, then turning north and connecting to the Delta River Drive water main immediately west of Waverly Road.

Radio Meter Reading System

This project involves the installation of equipment that would allow water meters to be read remotely from a central location in the Township, and the eventual elimination of the need for meter reading personnel visiting each and every customer's home or business.

2011 WATER FUND PROJECT DESCRIPTIONS

Radio Meter Reading System

See project description for 2010.

St. Joe Highway Water Mains – Jerryson Road to the West

A new water main is needed on St. Joe Highway west of Jerryson Road to accommodate the development occurring in this area of the Township.

Nixon Road Water Main (Willow Hwy. to Saginaw Hwy.)

This project would construct a water main along Nixon Road from Willow Highway to Saginaw Highway.

Evergreen Heights Subdivision Water Main Loop

This project involves extending a water main loop through the Evergreen Heights Subdivision between the Laurelwood Subdivision and Broadbent Woods Subdivision. Evergreen Heights is an older subdivision without public water service. There have been some well failures in Evergreen Heights. Extending a primary water main loop through Evergreen Heights would allow for the extension of branch

mains to provide public water service in the event of future private well failures within the subdivision.

2012 WATER FUND PROJECT DESCRIPTIONS

Radio Meter Reading System

See project description for 2010.

Willow Highway Water Main (Broadbent Road to Nixon Road)

This project would extend a water main along Willow Highway from Broadbent Road west to Nixon Road.

Well No. 10 River Crossing

This project would involve constructing a water main from Well No. 10 north, crossing the river to a point on Delta River Drive approximately half-way between Ingersoll Road and Josette Lane. It then will run east on Delta River Drive to the existing water main near White Oaks Drive.

2013 WATER FUND PROJECT DESCRIPTIONS

Radio Meter Reading System

See project description for 2010.

Old Lansing Road to Creyts Road Water Mains

This project involves the construction of water mains from Murel Drive southwest along Old Lansing Road to Lansing Road, then southwest along Lansing Road to Creyts Road.

Elevated Water Tower West of I-96

This project would provide additional storage for peak flows west of I-96. It would be a one million-gallon water tank that would likely be located west of Nixon Road on St. Joe Highway or Saginaw Highway.

2014 WATER FUND PROJECT DESCRIPTIONS

Radio Meter Reading System

See project description for 2010.

Nixon Road Water Main (St. Joe Hwy. to Mt. Hope Hwy.)

This project would construct a water main along Nixon Road from St. Joe Highway to Mt. Hope Highway.

Mt. Hope Highway Water Main (Nixon Road to Guinea Road)

This project would construct a water main along Mt. Hope Highway from Nixon Road to Guinea Road.

Webster/Delta Mills Water Main

This project would construct a water main from the south side of the Grand River north along Webster Street to Delta River Drive. Then it would be extended east along Delta River Drive to a point half-way between Ingersoll Road and Josette Lane where it would connect to the Well No. 10 River Crossing water main.

2015 WATER FUND PROJECT DESCRIPTIONS

Water Treatment Plant

This project involves the construction of a Township owned and operated water treatment plant and the connection of the Township wells to the plant. The project would be implemented if it is no longer cost effective to purchase treated water from the Board of Water and Light.

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DELTA TOWNSHIP

IMPROVEMENT REVOLVING FUND

DELTA
T O W N S H I P

DELTA TOWNSHIP IMPROVEMENT REVOLVING FUND

The Township Improvement Revolving Fund (TIRF) fund is the "reserve account" for the general fund. The monies in this fund are the transfers from General Fund to TIRF over a period of years. Reserves have been established for vehicle and equipment replacements for activities in the General Fund. Amounts are annually transferred to TIRF for future vehicle and equipment replacements. When new vehicles or equipment is purchased within an activity, i.e. fire, engineering, or parks, money is then transferred from TIRF back to the General Fund to cover those purchases.

According to the Township's 2009 Budget, the estimated December 31, 2009 balance of the Delta TIRF will be \$1,412,664. The distribution of money in the fund is estimated to be as follows:

Interest & Facility Reserves

Unallocated Interest	\$ 548,548
Township Hall	\$ 21,000
EDC	\$ 163,530
Police Building	\$ 600,000

Equipment Reserves:

Assessing	\$ 43,200
Clerk (Equipment)	\$ 20,900
Accounting	\$ 23,900
Township H & G (Equip.)	\$ 16,000
Cemetery	\$ 0
Fire Building	(\$ 222,750)
Planning	\$ 36,173
Engineering (Veh. & Equip.)	\$ 15,360
Parks & Recreation (Equip.)	\$ 42,500
Parks & Recreation (Projects)	\$ 94,303
Other	\$ 10,000
	<u>\$ 0</u>

Estimated Balance: \$1,412,664